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Light Duty Utility Arm/Tank Selection for Light Duty Utility Arm (LDUA) System Hot Testing in a Single Shell Tank		ECN No.

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Supporting Material (i.e., tank drawings, interior photographs, temperature profiles) are included in Appendixes C-2 through E-2.

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7. Abstract

The purpose of this report is to recommend a single shell tank in which to hot test the Light Duty Utility Arm (LDUA) for the Tank Waste Remediation System (TWRS) in Fiscal Year 1996.

The LDUA is designed to utilize a 12 inch riser. During hot testing, the LDUA will deploy two end effectors (a High Resolution Stereoscopic Video Camera System and a Still/Stereo Photography System mounted on the end of the arm's tool interface plate. In addition, three other systems (an Overview Video system, an Overview Stereo Video System, and a Topographic Mapping System) will be independently deployed and tested through 4 inch risers.

Hot testing of the LDUA requires that the selected tank meet certain selection criteria and issues while being cost effective. In ratings the tanks, numbers were assigned to all criteria and issues that influenced the tank selection process. The average rating was between 0.50 and 2.25. Tanks receiving ratings below 1.5 did not contribute toward the final selection process. Tanks receiving ratings above 1.5 were divided into five categories. Category 1 tanks received the highest ratings and are the best candidates for LDUA hot testing. Category 5 tanks received the lowest ratings and will get the least preference.

From the first three categories seven tanks were selected. Three tanks (241-T-106, T-109 and AX-104) are the top candidates and recommended to be used in the order given. Tank T-106 provides better options in terms of parking space for operations control trailer and support equipment. The remaining four tanks (241-TY-106, BX-109, TX-111 and T-112) may be selected in order shown if the first three alternatives cannot be selected.

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EXECUTIVE SUMMARY

The purpose of this report is to recommend a single-shell tank in which to hot test the light-duty utility arm for Tank Waste Remediation Systems in fiscal year 1996.

The light-duty utility arm requires a 12-in. or large riser. During hot testing, the light-duty utility arm will deploy two end effectors (a High Resolution Stereoscopic Video Camera System and a Still/Stereo Photography System) mounted on the end of the arm's tool interface plate. In addition, three other systems (an Overview Video System, an Overview Stereo Video System, and a Topographic Mapping System) will be independently deployed and tested through 4-in. risers.

Hot testing of the light-duty utility arm requires that the selected tank meet certain selection criteria and issues while being cost effective. In rating the tanks, numbers were assigned to all criteria and issues that influenced the tank selection process. The average rating was between 0.50 and 2.25. Tanks receiving ratings below 1.5 were not included in the final selection process. Tanks receiving ratings above 1.5 were divided into five categories. Category 1 tanks received the highest ratings and are the best candidates for light-duty utility arm hot testing. Category 5 tanks received the lowest ratings and will get the least preference.

From the first three categories seven tanks were selected. Three tanks (241-T-106, T-109 and AX-104) are the top candidates and recommended to be used in the order given. Tanks T-106 and T-109 have one limitation in that their respective 12-in. risers are approximately 4.4 ft away from the wall and do not provide the 10 to 15 ft working envelope. If this limitation can be compensated for, neither tank will involve extra work. Tank T-106 provides

better options in terms of parking space for operations control trailer and support equipment. Tank AX-104 has four 4-in. spare risers and one 14-in. riser within 15 to 17 ft. of the tank wall. The 14-in. riser also will require installation of adaptor, which is additional work. The remaining four tanks (241-TY-106, BX-109, TX-111, and T-112) may be selected in order shown if the first three alternatives cannot be selected.

Whichever tank is selected, certain limitations will be inherent in one or the other farm. Most available 12-in. risers are close to wall (3.5 to 5.0 ft), in the center, or near the center of the tank. The intent was to select a spare 12-in. and two 4-in. risers that were convenient and did not involve extra work (for example, removing the equipment from one riser to another or uncovering weather covered risers).

At the time this report was published, single-shell Tank T-106 was selected as the primary candidate for light-duty utility arm system hot testing.

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LIST OF TERMS

LDUA	light-duty utility arm
HRSVS	High Resolution Stereoscopic Video Camera System
OSVS	Overview Stereo Video System
OVS	Overview Video System
SSPS	Still/Stereo Photography System
SST	single-shell tank
TMCS	Tank Monitor and Control System
TMS	Topographic Mapping System
WLT	watch list tank

TANK SELECTION FOR LIGHT-DUTY UTILITY ARM SYSTEM HOT TESTING IN A SINGLE-SHELL TANK

1.0 INTRODUCTION

The purpose of this report is to recommend a single-shell tank (SST) in which to hot test the light-duty utility arm (LDUA) for Tank Waste Remediation Systems (EM-30) in fiscal year 1996.

The LDUA is a robotic deployment system that can be equipped with different end effectors so as to perform various tasks in underground storage tanks at the Hanford Site as shown in Figure 1. This system was designed to be deployed through 12-in. risers, has a 13.5-ft horizontal reach, and 62.5 ft of vertical travel. It has a seven-degree-of-freedom arm that has the dexterity to reach around obstructions, while providing substantial orientation and positioning capability for the attached end effectors.

The LDUA system will deploy the following two end effectors during hot testing:

- High Resolution Stereoscopic Video Camera System (HRSVS) mounted on the end of the LDUA tool interface plate
- Still/Stereo Photography System (SSPS) mounted on the end of the LDUA tool interface plate.

In addition, three separate systems will be inserted into the tank as follows:

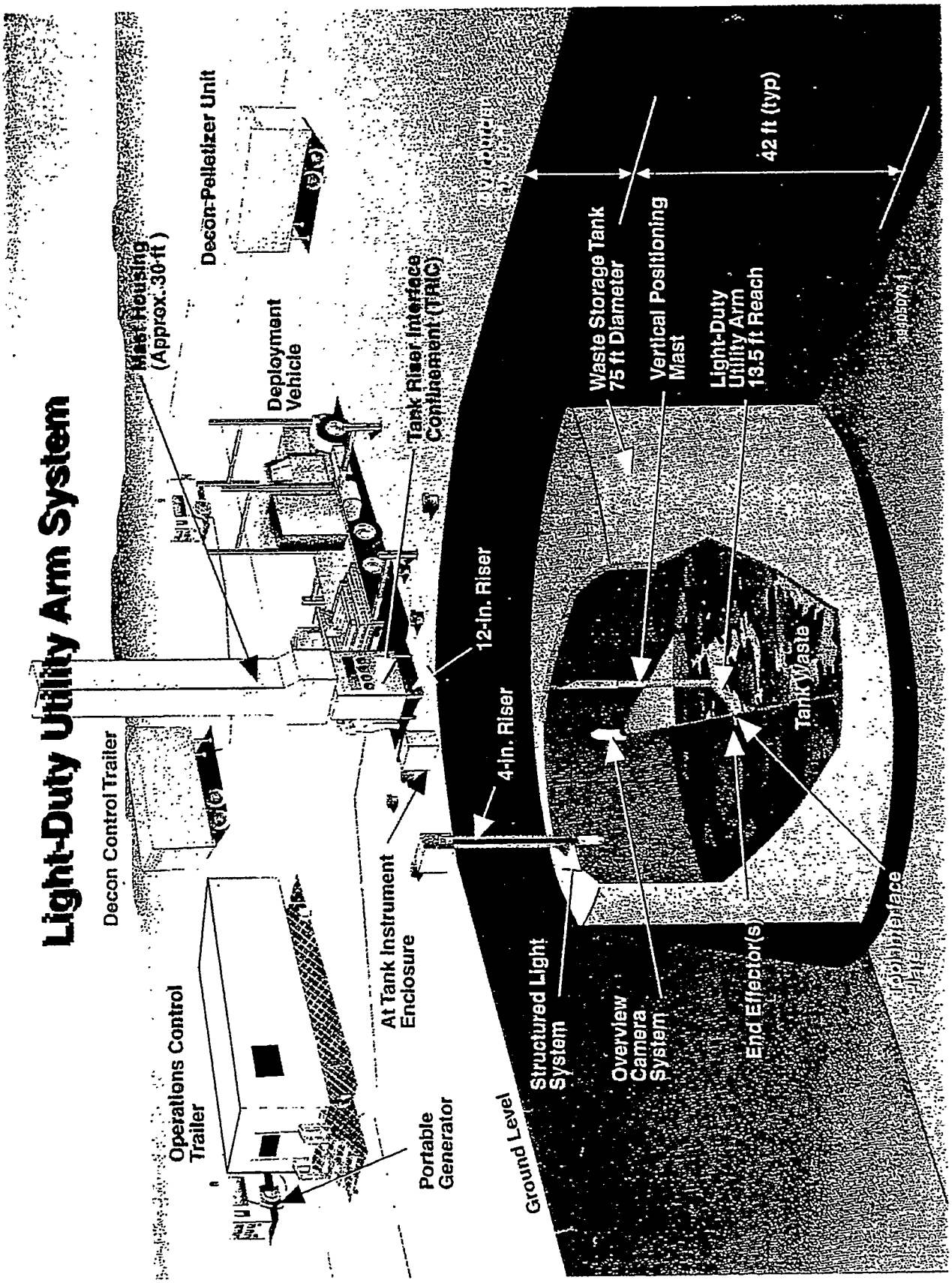
- Overview Video System (OVS) and an Overview Stereo Video System (OSVS) will be independently deployed through the same 4-in. riser
- Topographic Mapping System (TMS) will use a separate 4-in. riser. If a separate 4-in. Riser is not available, for the TMS, one 4-in. riser will be used for all three systems.

To effectively test the LDUA system, with these end effectors and systems, the following risers are needed in the candidate SST: one 12-in. riser (10 to 15 ft away from the wall) and two 4-in. risers (preferably at opposite end of the tank), respectively.

Section 5.0, Glossary, provides brief descriptions of the LDUA, end effectors, and other terms used in this report for consistency and clarity.

Supporting Material (i.e., tank drawings, interior photographs, temperature profiles) are included in Appendixes C-2 through E-2.

Figure 1. Light-Duty Utility Arm System.



2.0 TANK SELECTION CRITERIA

2.1 ORIGINAL CRITERIA

Hot testing of the LDUA requires that the candidate SST must meet the following criteria (Carteret 1992).

1. Tank must **NOT** be a watch list tank (WLT) (for safety reasons).

2. Tank must be less than half full (to allow adequate room for evaluating the capabilities of the articulated LDUA system).

3. Tank must **NOT** be less than 75 ft in diameter (to allow adequate room to exercise the 13.5-ft articulated reach of the LDUA system and test all available end effectors).

Based upon the above criteria, Tanks T-109 and A-105 were proposed (Carteret 1992) for hot testing the LDUA. It was found later that the bottom inside liner of tank A-105 was bulged and broken. Tank BX-111 (for details, see Appendix A.1, page 1) also was recommended as an alternative.

2.2 ADDITIONAL ISSUES

In this report, the following criteria were established and issues raised to ensure the successful selection of a tank for LDUA testing.

2.2.1 Additional Tank Selection Criteria

1. The candidate tank must have one 12-inch riser and two 4-inch risers.

   a. The LDUA system will be deployed through a 12-inch riser

   b. The OVS, OSVS, and TMS will be installed in 4-inch risers. (The intent is to deploy the OVS and leave it in the tank for the complete surveillance and inspection of that tank. When not in use the camera can be raised back into the riser and out of the strong radiation field. By using a changeout mechanism, the OSVS will be able to use the same riser as the OVS. A separate 4-inch riser will be used for the TMS.)

   c. The OVS, OSVS, and TMS will be installed in the same riser only if there is one 4-inch riser available.

2. If the candidate tank is an assumed leaker, no large cracks can be present (Example: Tank A-105).

3. No other work may be performed in the tank during LDUA hot testing.

4. No tank from either A or C Farms may be considered for this purpose; A Farm because of space limitations outside the farm for support equipment, and C Farm because of ongoing personnel concerns with the vapor issue (See Section 3.1.1.1 and Appendix A.1, page 2).

2.2.2 Tank Selection Issues

The following issues were raised during the tank selection process for LDUA hot testing.

2.2.2.1 Whether to select an assumed leaker or a sound tank. An assumed leaker tank was preferred rather than a sound tank so leaks in the tank can be verified.

2.2.2.2 What content (waste type) should the selected tank have. Do we want to select a tank containing:

- Total sludge
- Total salt cake
- Both sludge and salt cake
- Content does not matter.

There was no strong preference for waste type because none of the equipment deployed will touch the waste and no waste characterization is required before the deployment; however, a cooler tank was preferred. Any waste type can be selected for this test, if the tank meets all other criteria.

2.2.2.3 A tank containing how much less than half (1% to 50%) of its capacity is acceptable. A tank with lower waste level was preferred so that there will be more wall space to observe (specifically, the welded area below the shore lines).

2.2.2.4 What role does tank capacity play in selection. A 1,000 Kgal tank was preferred because of the larger space, however, a tank with 758 or 530 Kgal capacity can be selected if the tank meets all other criteria.

2.2.2.5 What limit will there be on tank vapor space temperature. It was determined the tank vapor space temperature was not to be in excess of 150 °F.

2.2.2.6 What are the topographical limitations. The layout of the tank in the tank farm was the most important issue in the selection criteria.

The following issues were determined to be priorities:

- Proximity of the tank to the fence
- Accessibility to the tank (including locations of existing gates)
- Availability of space for the operation control trailer or support equipment
- Accessibility to Change Room
- Levelness of terrain (trucks cannot be parked on high or low spots).
- Availability of a breathable environment that does not require a supplemental fresh air supply.

2.2.2.7 Whether there is access to utilities. The availability of the portable power.

2.2.2.8 Whether there are limitations on adding water to the tank. Specifically, limitations on adding more than 250 gal of water to the tank for decontamination of tools. See Section 3.2.1 and Appendix A-1, pages 3 and 4.

2.2.2.9 Whether portable exhausters are available. Portable exhausters will be needed to remove the moisture from the tank so that the optical lenses remain dry. Portable exhausters also provide contamination control, isolating the Tank Riser Interface and Confinement (also referred to as TRIC) from the tank atmosphere.

Portable exhausters are not available at this time. Operations is working on this issue, and exhausters may be available at the time of test.

2.2.2.10 What general upgrades are needed in the tank or tank farm. For example, if the tank farm has been upgraded or is in the process of being upgraded, entry to the farm will be easier.

Upgrades did not play major role in tank selection criteria.

2.2.2.11 Whether there is a preference for a particular tank farm. There was no preference for either 200 East and 200 West tank farm.

2.2.2.12 What are the relevant As-Low-As-Reasonably-Achievable issues. Some questions concerning these issues were raised but were determined not to be applicable to the tank selection criteria.

2.3 WASTE TANK STATUS

Appendix B.1, Table 1, shows all 149 SSTs located in 12 tank farms. Table 1 also indicates the following: (1) each tank's diameter in feet, (2) whether a specific tank is an assumed leaker tank or a sound tank, (3) each tank's capacity and volume of waste, (4) whether a tank is greater than, less than, or equal to half full, (5) the retrieval sequence, (6) the current percentage of each tank's normal capacity being used, (7) and the location of each tank (200 East or 200 West Tank Farms). Each column of this table is discussed in Section 3.0.

For identification purposes, all WLTs are striked out in this table starting from Column 1 and all non-watch list sound and assumed leakers tanks greater than half full are striked out starting from Column 5. The remaining tanks are less than half-filled assumed leakers and sound tanks. All non-watch list assumed leakers that are less than half full are identified with shadowing.

Appendix B.1, Table 1, also shows 16 (200 Series) tanks with 20-ft diameters located in (4) B, C, T, and U Tank Farms. These tanks do not meet the diameter criteria given in Carteret 1992. The current status of the remaining 133 tanks are shown in Table 1.1.

Table 1.1 shows that there are 60 tanks from the first two rows of which one will may be selected for testing (that is, 24 sound tanks less than half full; and 36 tanks less than half full and assumed leakers).

Table 1.1. Single-Shell Tank Status.

Description	Total
Sound tanks less than half full	24
Assumed leakers less than half full	36
Sound Tanks greater than half full	18
Assumed leakers and greater than half full	7
Watch list greater than half full and assumed leakers	7
Watch list greater than half full and not leakers (sound tanks)	21
Watch list less than half full and assumed leakers	10
Watch list less than half full and not leakers	10

The 24 sound SSTs contain 6.04 to 48.81% waste of their full capacity. These tanks contain sludge or salt cake or both. The 36 assumed leaker SSTs contain 0.70 to 37.10% waste of their full capacity. These tanks contain sludge or salt cake or both. The selection process for LDUA testing is limited to the 60 tanks identified above.

Tanks will be selected based upon the original criteria and additional criteria and issues. The criteria and issues that impact the tank selection process are assigned rating numbers, which are discussed in Section 3.0. All tanks were rated on a equal basis.

3.0 RATING ASSIGNMENT CRITERIA

3.1 RATINGS

For tank selection ratings, numbers are assigned between 0 and 9 according to the criteria given in this section. To assign a final rating to a tank eight entities from a total of 14 listed in Appendix B.1, Table 1, are included. The average rating for a tank is between 0.50 and 2.25. Tanks receiving ratings below 1.5 did not contribute toward the final selection process. Tanks receiving ratings above 1.5 were divided into the following five categories:

1. 2.13 to 2.25
2. 2.00
3. 1.88
4. 1.75
5. 1.63.

Category 1 tanks received the highest ratings and are the best candidates for LDUA hot testing. Category 5 tanks received the lowest ratings and will get the least preference for LDUA hot testing.

The entry in each column of Appendix B.1, Table 1, and the rating criteria assigned to that entry are discussed below.

3.1.1 Tank Identification/Waste Type

Column 1 provides the following information: tank farm and tank identification, number of tanks in each tank farm, tank farm location (200 East Area [200E] or 200 West Area [200W]), waste type (sludge [S] or saltcake [SC], or both sludge and saltcake [S & SC]), and rating.

3.1.1.1 Tank Farms A and C. Tanks within these farms are not part of the selection process although ratings have been assigned to each tank for future reference.

3.1.1.2 Type. No rating criteria is assigned to waste type. First preference is given to tanks containing both sludge and saltcake waste, second preference to only saltcake tanks, and last to only sludge tanks. However, any waste type can be selected for this test, if the tank meets all other criteria.

3.1.2 Watch List Tank

Column 2 identifies tanks meeting the following WLT criteria: Hydrogen (H), Organic (O), Ferrocyanide (F), high-heat load (HHL), or Hydrogen and Organic (H,O). For WLTs, a rating number is assigned to each tank as follows:

- watch list tank (assumed leaker or sound): 0.

WLTs are not part of selection criteria even though ratings are assigned to each. This rating entry is made in Column 4 to make it consistent with other tanks. Appendix A.1, page 5, includes the current list of WLT (Halon 1994).

3.1.3 Tank Diameter

Column 3 provides information as to whether a tank is 75 ft or less in diameter. Rating numbers (0 to 1) are assigned to each tank as follows:

a. If the tank diameter is less then 75 ft: 0
b. If the tank diameter is 75 ft: 1.

3.1.4 Assumed Leaker or Sound Tank

Column 4 indicates whether a tank is an assumed leaker (ASMD LKR) or sound. Rating numbers (1 to 2) are assigned to each tank (provided the tank is not a WLT) as follows:

a. Sound tank (containing <=or> 50% waste): 1
b. Assumed leaker (containing <=or> 50% waste): 2.

A rating of 2 was assigned to assumed leaker tanks because there is more interest in assumed leaker tanks than in sound tanks for leak detection. (For the volume of waste in the tanks, see Section 3.1.8.)

3.1.5 Tank Capacity/Volume of Waste Per Tank

Column 5 shows tank capacity (1000, 758, or 547 Kgal) and the volume of waste present in the tanks. For tank capacity, rating numbers (0 to 2) are assigned to each tank as follows:

a. 547 Kgal: 0
b. 758 Kgal: 1
c. 1000 Kgal: 2.

Note: For the rating on the percent volume of the waste in the tanks see Column 8.

3.1.6 Volume of Waste in Tank

Column 6 shows whether a tank is less than (<), equal to (=) or greater than (>) half full. Column 8 indicates the percentage of waste volume in the tank and the ratings on the volume of the waste in tank (Section 3.1.8).

3.1.7 Retrieval Sequence

Column 7 shows a preliminary retrieval order for all SSTs (Williams 1994). From the retrieval sequence, only the top 10% (15 SSTs) are considered in tank selection criteria. This 10% does not include in retrieval sequence WLTs and tanks from A and C Farms. The retrieval sequence is considered so that the information gained from testing the LDUA system can be used for future retrieval activities. For the retrieval sequence, rating numbers (0 to 2) are assigned as follows:

a. If the tank is **not** in the top 10%: 0
b. If the tank is in the top 10%: 2.

3.1.8 Percent Volume of the Waste in Tank

Column 8 provides the percentage of volume of waste in tank. Rating numbers (0 to 2) are assigned to each tank as follows:

a. If the tank is greater than (>) or equal to (=) 25% full: 0
b. If the tank is between 10 to 25% full: 1
c. If the tank is less than (<) 10% full: 2.

To observe the greatest amount of wall space in a tank (such as shorelines) it is preferred to have the lowest level of waste in the tank. No tank containing more than 50% waste falls in any of the five categories. This rating system places Tanks BX-109 and TX-111, which contains 36.4% and 48.8% waste, respectively, in Category 3 and Tank S-104, which contains 37.8% waste, in Category 5.

3.1.9 Riser Number and Size

Column 9 shows the riser number and size of the riser. Risers shown in this column are functional (currently available and used for different purposes). There are other available risers dedicated to thermocouple trees that do not have a multipurpose use. These dedicated risers are shown in Appendix B.1, Table 2, along with waste surface level and vapor space temperature data.

It is preferred that two 4-in. and one 12-in. risers be available to hot test the LDUA. Rating numbers (1 to 9) are assigned to each tank based on the current number of available 4-in. and 12-in. risers as follows:

a. If one 4-in. and one 12-in. riser are not available: 0
b. If one 4-in. and one 12-in. riser are available: 5
c. If one 4-in. and more than one 12-in. riser or vice versa are available: 6
   [Example: Two 4-in. and one 12-in., or one 12-in. and three 4-in. risers]
d. If two 4-in. and two 12-in. risers available: 7
e. If two 4-in. and more than two 12-in. risers or vice versa are available: 8
   [Example: Two 4-in. and three or four 12-in., or two 12-in. and three or four 4-in. risers]
f. If more then two 4-in. and 12-in. risers are available: 9.

3.1.10 Riser Location

Column 10 shows the riser location; no ratings were assigned for each tank. If needed, the following criteria may be used for the final tank list:

a. If the available riser is within 10 to 15 ft of the wall: 1
b. If the available riser is more then 20 ft from the wall: 0.

3.1.11 Radiation Dose Rates on Tank Top

Column 11 shows radiation doze rates on the top of tank at contact and at 30 cm higher in milliroentgen/hour (mr/hr). The upper number is the measurement at contact; the lower number at 30 cm. Radiation data (dose rates) on the top of the tank are measured randomly. According to tank farm

personnel during monitoring, if the dose rates exceed the assigned limits then that area is cleaned.

The dose rates shown in Appendix B.1, Table 1, for October 1994 include the riser flanges, pump pit cover, and observation ports. The dose rates recorded were taken, in a clockwise direction, from survey reports shown in Appendix C.1. For more detail on the locations where these rates were monitored (Alstad 1993). For the radiation doze rate, rating numbers are **not** assigned to each tank. In tank selection, this data shows the general radiation level trend on and around the tanks.

3.1.11.1 Radiation Dose Rates Inside the Tank. This data will be presented only for tanks finally selected (where available) and will be included in Appendix C.1.

3.1.12 Vapor and Waste Surface Temperature

Column 12 shows the ranges of waste surface level and vapor space temperatures (°F) from 1 to 3 thermocouple trees in each tank. To hot test the LDUA system it is required that tank vapor space temperature not exceed 150 °F. To satisfy this condition waste surface and vapor temperature data are examined for all SSTs.

Temperature data is recorded manually and with the Tank Monitor and Control System (TMACS), however, all of the tanks are not connected to the TMACS at this time (Column 13 shows tanks currently equipped, and those tanks that will be equipped with TMACS system in future [see Section 3.1.13]). Both systems provide temperature data at different heights of the tank at different risers locations.

Appendix B.1, Table 2, provides detailed data for the waste surface level, waste surface level temperature, vapor temperature, ranges of the temperature data at different heights of the risers, and thermocouple number and thermocouple height. Shown on this table are the ranges of 30 temperature measurements (30-day data) recorded before 18 October 1994 by TMACS and several measurements from manually recorded data. Manually recorded data is not recorded as consistently compared to the TMACS system. For temperatures, rating numbers (0 to 2) are assigned to each tank as follows:

a.	If vapor temperature is greater than 150 °F:	0
b.	If waste surface temperature is greater than 150 °F:	0
c.	If there is no access to thermocouple tree:	0
c.	If vapor temperature is less than 150 °F:	2
d.	If waste surface temperature is less than 150 °F:	2.

Appendix E.1 provides three months (prior to 18 October 1994) of waste surface level and vapor space temperature data in Appendix B.1. Table 2 in Appendix B.1 was condensed from this data. Supporting waste surface level data is provided in Appendix E.2.

3.1.13 Tank Monitor and Control System

Column 13 provides ratings on tanks with or without TMACS. It is not necessary to have a tank connected to TMACS but it helps in providing reliable temperature data. TMACS also clarifies that risers shown in Appendix B.1, Table 2, are dedicated to thermocouple trees and are not available for

multiple uses (such as overview video systems, overview stereo video systems, or topographical mapping system testing). In general, thermocouple trees are installed in 4-in. risers. For tanks equipped with TMACS, rating numbers (0 to 2) are assigned to each as follows:

a. TMACS will not be available in the tank before LDUA testing: 0
b. TMACS may be available in the tank before LDUA testing: 1
c. TMACS is presently available in the tank: 2.

A preliminary schedule for the installation of the TMACS is included in Appendix A.1, page 6.

3.1.14 Average Rating/Tank

Column 14 provides the average rating per tank for the eight entries that were assigned rating numbers. Using these average ratings, 25 tanks in 5 categories were selected as discussed in Section 3.0.

3.1.15 Other Issues

Column 15 was left blank should any other issues come up.

3.2 ADDITIONAL ISSUES

Additional issues are not part of the Section 3.1 (Appendix B.1, Table 1) but are important factors in tank selection. These issues are not assigned any ratings.

3.2.1 Water Addition Criteria

It is desirable not to add more than 250 gal of water to a assumed leaker tank at Hanford. It has not been established where this criteria came from but the LDUA system will hold onto this water addition criteria for hot testing. Some information was found on water addition limits when installing thermocouple trees in the ferrocyanide leaker tanks. This information is included in Appendix A.1, pages 3 and 4.

3.2.2 Working Pumps

There are six SSTs (located in Tank Farms C, BY, and BX) that have working pumps and are installed on a as-needed basis if more than 250 gal of water are added to the tank for equipment decontamination.

3.2.3 As-Low-As-Reasonably-Achievable Issues

This information is not needed at this time and will be considered after the work package is written.

3.2.4 Utilities

Operations will provide portable power.

3.2.5 Portable Exhauster

Portable exhausters (to remove moisture from the tanks so that the camera lenses remain dry) are not available at this time. Operations is working on this issue.

3.2.6 Topography/Environment

The topographical/environmental features of the tank in relation to the tank farm discussed in Section 2.2.2.6 were considered in selecting a candidate tank.

3.3 TANKS SELECTED IN FIVE CATEGORIES

Appendix B.1, Tables 3 through 7, identify the tanks that fall in each of 5 corresponding categories and lists the priority of each tank in its category.

1. Three tanks receiving ratings of 2.13 through 2.25. (Table B-3)
2. Five tanks each receiving a rating of 2.00. (Table B-4)
3. Six tanks each receiving a rating of 1.88. (Table B-5)
4. Six tanks each receiving a rating of 1.75. (Table B-6)
5. Five tanks each receiving a rating of 1.63. (Table B-7)

3.4 FINAL EVALUATION OF TANKS WITHIN THE FIRST THREE CATEGORIES

The 14 tanks from the first 3 categories were further evaluated for the topographical/environmental features discussed in Section 2.2.2.6. The following features were also evaluated:

- Availability of two 4-in. spare risers
- Availability of one 12-in. spare riser (10 to 15 ft away from the tank wall).

3.4.1 Tanks Meeting Final Selection Criteria

Seven of the 14 in the first three categories met the final evaluation criteria and are identified in Table 3.1.

Table 3.1 lists the 7 tanks that meet the final criteria. This table also identifies the following for each tank.

1. Riser configuration figures (identifies tank layout in the tank farm, available risers [spare or not], and risers dedicated to temperature probe).

2. Tank farm layout photographs (depicts the tank farm and surrounding areas).

Tank riser configuration drawings and tank interior photographs are also shown in Appendix D.1 and D.3 respectively for candidate single-shell tanks.

Identification numbers for available drawings of the candidate tanks are given in Appendix D.4. Further information on the candidate tanks' 12-in. or larger diameter risers and their distances from the tank walls are provided in Appendix D.2.

3.4.2 Tanks Not in the Final Selection

Tanks not meeting the final evaluation criteria are shown in Table 3.2. Items 1 and 2 of Section 3.4.1 also are provided for these tanks. Tanks T-108 and BX-108 have potential for testing, however, because of space limitations for support equipment they appear on this list.

Table 3.1 Tanks Meeting the Final Evaluation Criteria.

	CATEGORY 1 TANK	CATEGORY 1 TANK	CATEGORY 3 TANK	CATEGORY 2 TANK	CATEGORY 2 TANK	CATEGORY 3 TANK	CATEGORY 3 TANK
FINAL CRITERIA	T-106	T-109	T-112	AX-104	TY-106	BX-109	TX-111
Proximity of tank to the fence	Good	Good	Good	Good	Good	Fair	Fair
Accessibility to tank and the surrounding environment	Good	Good	Good	Good	Good	Fair	Fair
Availability of space for the operation control trailer	Good	Good	Good	Good	Good	Yes (?)	Yes
Accessibility to change rooms	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Levelness of terrain	o.k ? *	o.k.?	o.k.?	o.k.?	Steep incline	Not checked?	Not checked
Fresh air requirements	No	No	No	No	No	No	No
Available 4-in. spare riser number/ Distance from tank wall (ft)	4, 5/ 4.0 to 4.5	4, 5/ 4.3 to 4.5	4, 5/ 4.5 to 5.5	7C,7D,16B,16C/ 2.5 to 3.5	4/ 28 to 30	1/ 4.5 to 5.5	4,9B,10A,13B/ 16 to 37
Available 12-in. spare riser number/ Distance from tank wall (ft)	6, 7/ 4.0 to 4.5	6, 7/ 4.3 to 4.5	13/ 37.5	5A, 5B(weather covered), 3A (14-in. riser)/ 15 to 17	5, 6, 8 (3 in center of the tank)/ 30 to 32	2, 6/ 4.5 to 5.5	5/ 32
Tank riser configuration figure number	Figure 2	Figure 4	Figure 5	Figure 6	Figure 8	Figure 10	Figure 12
Tank farm photograph number	Figure 3	Figure 3	Figure 3	Figure 7	Figure 9	Figure 11	Figure 13
Tanks riser configuration drawings (Appendix D)	See D.1-1	See D.1-2	See D.1-3	See D.1-4 to 6	See D.1-7	See D.1-8	See D.1-9
Tank interior photograph number (Appendix D)	D.3-1 to -7	D.3-8 to -15	D.3-16 to -20	D.3-21 to -31	D.3-32 to -38	D.3-39 to -44	D.3-45 to -50

* Not checked but was confirmed by cognizant engineer.

Table 3.2. Tanks Not Meeting the Final Evaluation Criteria.

	CATEGORY 1 TANK	CATEGORY 2 TANK	CATEGORY 2 TANK	CATEGORY 2 TANK	CATEGORY 3 TANK	CATEGORY 3 TANK	CATEGORY 3 TANK
FINAL CRITERIA	T-108	BX-108	TX-107	TX-108	B-112	T-103	TX-104
Proximity of tank to the fence	Can be used if needed	Can be used if needed					
Accessibility to tank and the surrounding environment	Can be used if needed	Can be used if needed					
Availability of space for the operation control trailer	Can be used if needed	Can be used if needed					
Accessibility to change rooms	Yes	yes					
Levelness of terrain	Acceptable *	Need to check					
Fresh air requirements	No	No	No	No	No	No	?
Available 4-in. spare riser(s) number(s)	5	8	9A	No spare risers	No spare risers	No spare risers	No spare risers
Available 12-in. spare riser(s) number(s)	6, 7	2,13	No spare risers/ 6(weather covered)	No spare risers	2,7	No spare risers	No spare risers
Tank riser configuration figure number	Figure 14	Figure 15	Figure 16	Figure 17	Figure 18	Figure 20	Figure 21
Tank farm photograph number	Figure 3	Figure 11	Figure 13	Figure 13	Figure 19	Figure 3	Figure 13

* not checked but was confirmed by cognizant engineer.

Figure 2. Tank T-106 (Category 1) Riser Configuration

241-T-106

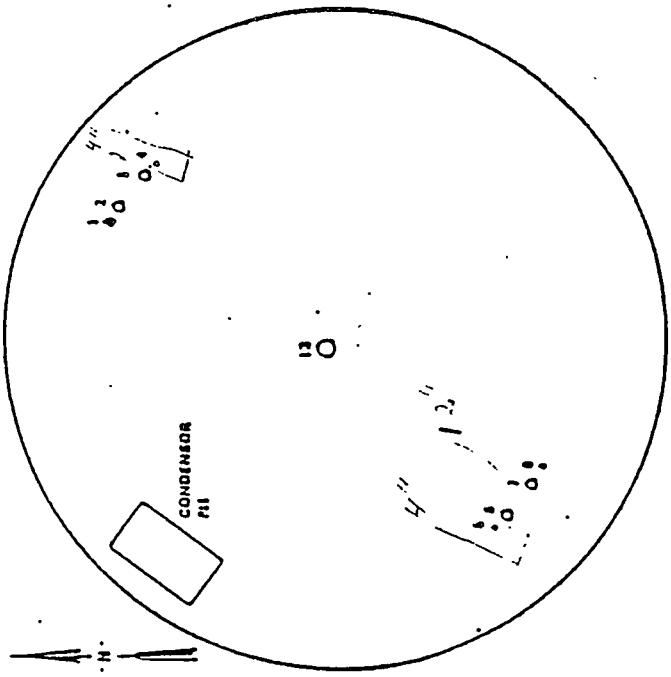
NO.	DIA.	ELEV.	DESCRIPTION AND COMMENTS
1	4"	671.80	FIC, BM
2	12"	671.79	FLANGE WITH BALE
3	12"	671.93	B-222 OBSV PORT
4	4"	671.84	FLANGE, SPARE ✓
5	4"	671.72	FLANGE, SPARE ✓
6	12"	671.77	FLANGE, SPARE ✓
7	12"	671.80	FLANGE, SPARE ✓
8	4"	671.91	TEMPERATURE PROBE —
13	12"	673.49	BREATHER FILTER, BM

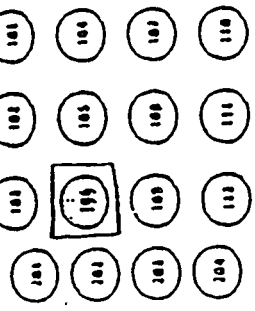
C_L INSIDE TANK BOTTOM = 633.00

REF DWGS DOME PLAN/AS BLT H-2-1741, H-4-72743
RISER ELEV H-2-37909
ISOLATION H-2-73055
VERIFIED 9/9/86

/ = Riser Available

-- = T/C Tree





NOTE: Tank is Interim Isolated, interim stabilized.

Figure 3. Location of Tank T-106 in T-Farm

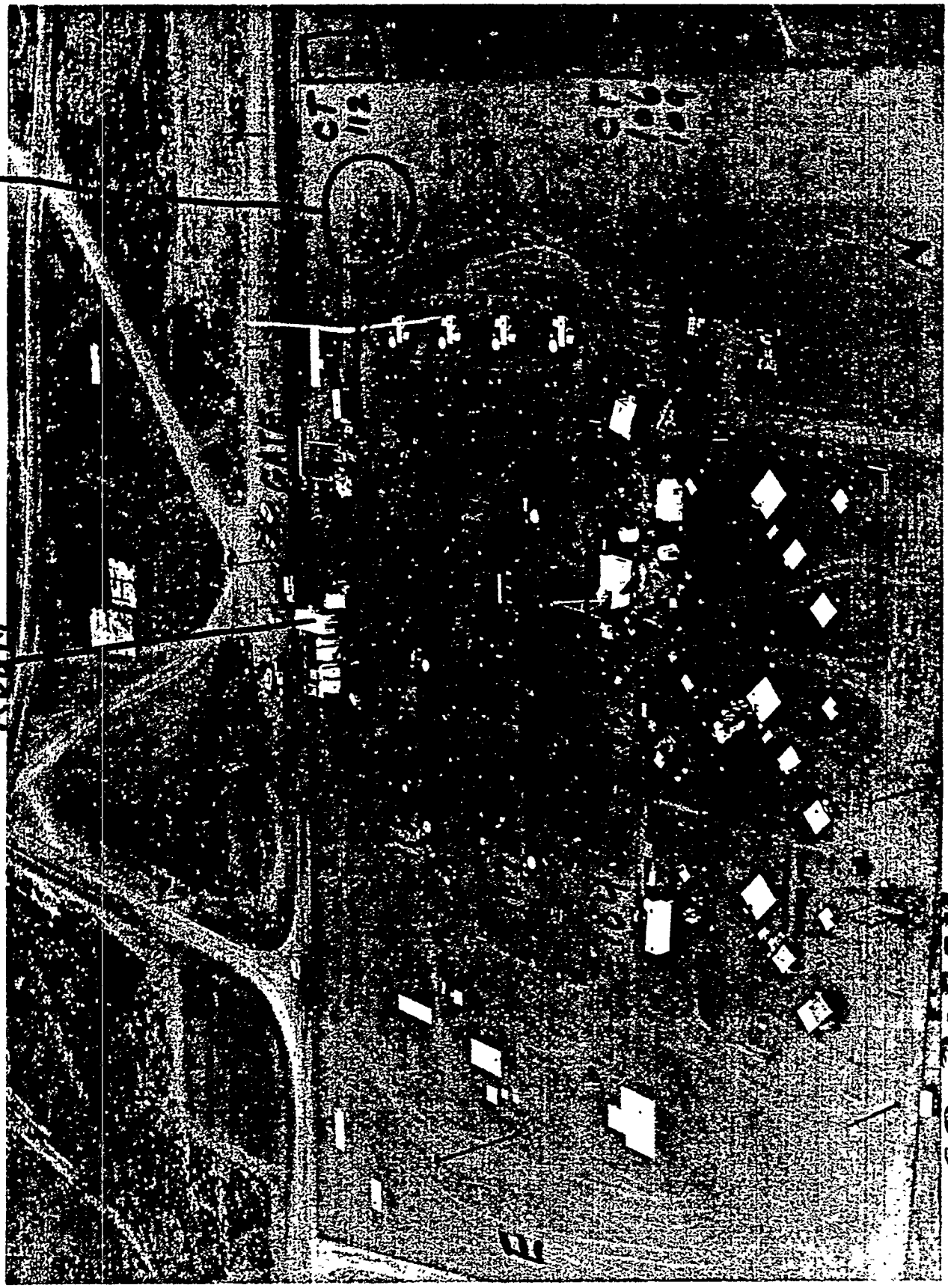


Figure 4. Tank T-109 (Category 1) Riser Configuration

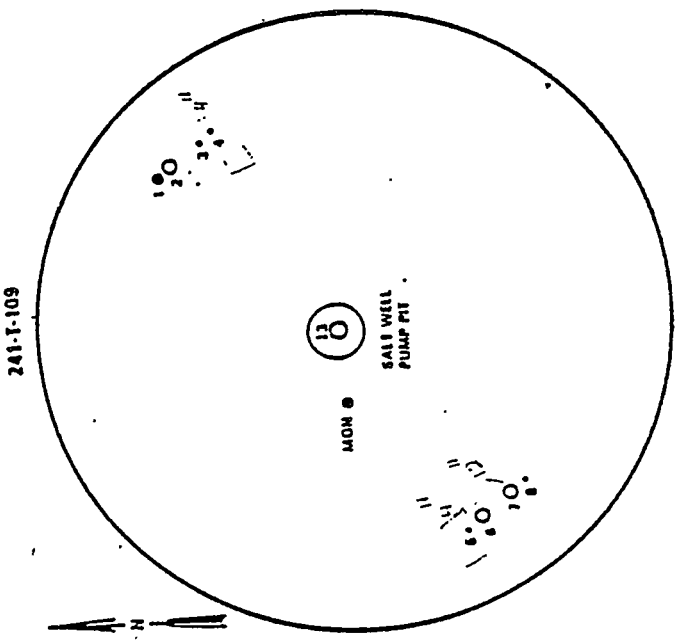
241-T-109

NO.	DIA.	ELEV.	DESCRIPTION AND COMMENTS
1	4"	671.80	FIC, BH
2	12"	671.84	FLANGE WITH BALE/B-222 OBSV PORT
3	12"	671.83	BREATHER FILTER
4	4"	671.80	FLANGE
5	4"	671.80	FLANGE
6	12"	671.82	FLANGE
7	12"	671.81	FLANGE
8	4"	671.86	TEMPERATURE PROBE
13	12"	668.08	SALTWELL RISER, BH

C_L INSIDE TANK BOTTOM = 633.00

REF DWGS DOME PLAN/AS BLT H-2-1741, H-2-37909, H-2-73057
RISER ELEV H-W-72743
ISOLATION 9/9/86
VERIFIED

/ = Riser Available
-- = ' T/C Tree



T-112

NOTE: Tank is interim isolated, interim stabilized.

Figure 5. Tank T-112 (Category 3) Riser Configuration

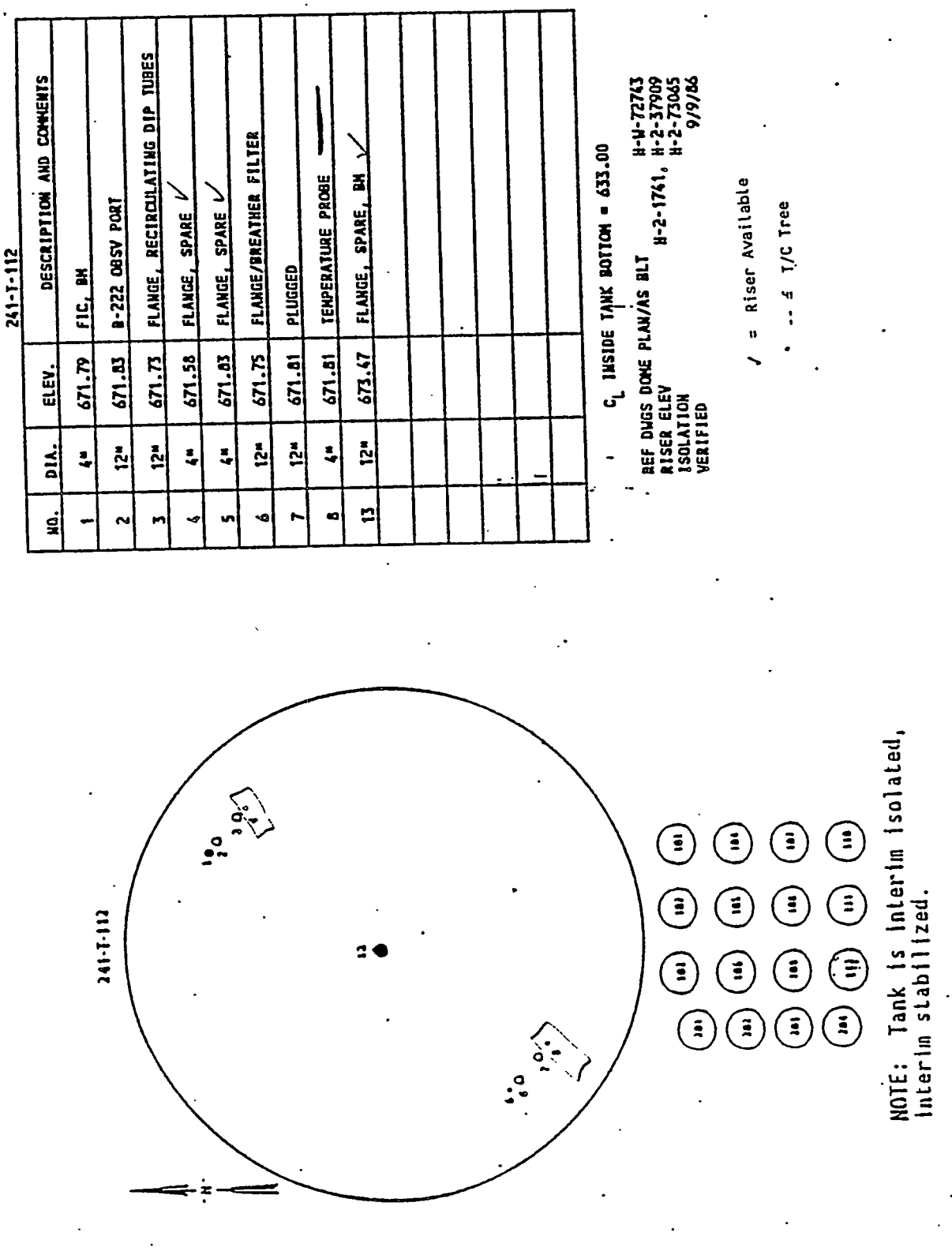
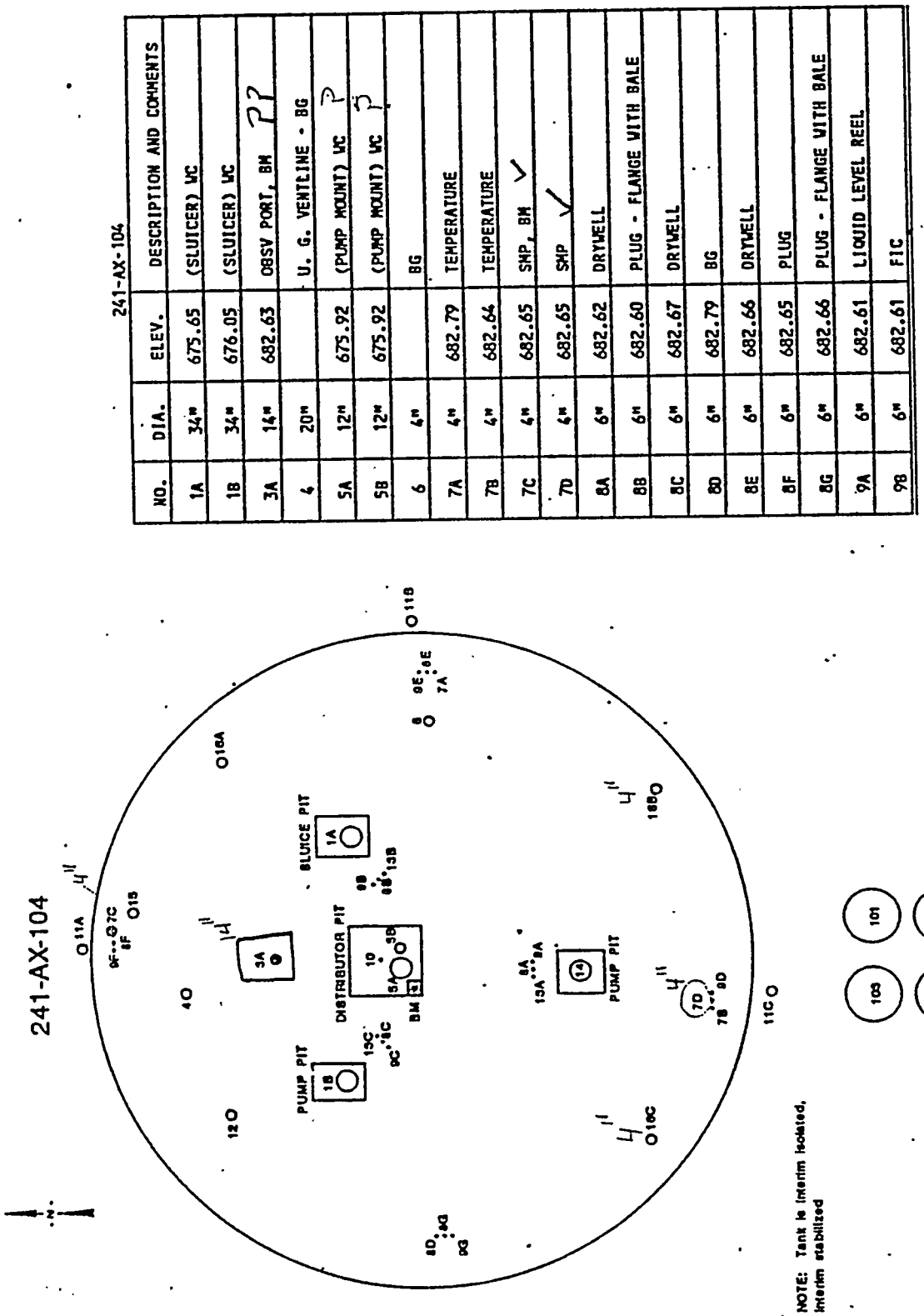


Figure 6. Tank AX-104 (Category 2) Riser Configuration (2 pages)



241-AX-104

NO.	DIA.	ELEV.	DESCRIPTION AND COMMENTS
1A	34"	675.65	(SLUICER) WC
1B	34"	676.05	(SLUICER) WC
3A	14"	682.63	OBSV PORT, BM ??
4	20"		U. G. VENTLINE - BG
5A	12"	675.92	(PUMP MOUNT) WC ?
5B	12"	675.92	(PUMP MOUNT) WC ?
6	4"		BG
7A	4"	682.79	TEMPERATURE
7B	4"	682.64	TEMPERATURE
7C	4"	682.65	SMP, BM ✓
7D	4"	682.65	SMP ✓
8A	6"	682.62	DRYWELL
8B	6"	682.60	PLUG - FLANGE WITH BALE
8C	6"	682.67	DRYWELL
8D	6"	682.79	BG
8E	6"	682.66	DRYWELL
8F	6"	682.65	PLUG
8G	6"	682.66	PLUG - FLANGE WITH BALE
9A	6"	682.61	LIQUID LEVEL REEL
9B	6"	682.61	F1C

C_L INSIDE TANK BOTTOM = 628.42

REF DWGS. DOME PLAN/AS BLT H-2-44560
RISER ELEV H-2-37854
ISOLATION H-2-73382
VERIFIED 9/12/86

✓ = Riser Available
• -- ℄ T/C Tree

241-AX-104 (CONT.)

NO.	DIA.	ELEV.	DESCRIPTION AND COMMENTS
9C	6"	682.66	TEMPERATURE
9D	6"	862.71	BG
9E	6"	682.65	BREATHER FILTER
9F	6"	682.64	BG
9G	6"	682.66	SMP
10	4"		(PIT DRAIN) VC
11A	7.75"		STRUCTURAL TEMPERATURE - BG
11B	7.75"		STRUCTURAL TEMPERATURE - BG
11C	7.75"		STRUCTURAL TEMPERATURE - BG
12	4"		DRAIN - BG
13A	4"	682.49	VC
13B	4"	682.49	VC
13C	4"	682.54	VC
14	42"	675.65	(SLUICER) VC
15	4"		BG
16A	4"	682.20	BG
16B	4"	682.72	FLANGE ✓
16C	4"	682.67	FLANGE ✓

C_L INSIDE TANK BOTTOM = 628.42

✓ = Riser Available

-- = T/C Tree

Figure 7. Location of Tank AX-104 in AX-Farm

Figure 8. Tank TY-106 (Category 2) Riser Configuration

241-TY-106

NO.	DIA.	ELEV.	DESCRIPTION AND COMMENTS
1	4"	670.93	BREATHER FILTER, BM
2	4"	670.93	TEMPERATURE PROBE
3	4"	670.96	LIQUID LEVEL REEL
4	4"	670.96	FLANGE, SPARE ✓
5	12"	670.93	FLANGE WITH LEAD ✓
6	12"	670.90	FLANGE WITH LEAD ✓
7	12"	670.91	FLANGE WITH LEAD/8-222 OBSV PORT
8	12"	670.93	FLANGE WITH LEAD, BM ✓
13	42"	668.71	BG

C_L INSIDE TANK BOTTOM = 625.33

REF DWGS DOME PLAN/AS BLT H-2-72086
RISER ELEV H-2-2567, H-2-37361
ISOLATION H-2-73091
VERIFIED 9/8/86

✓ = Spare Riser

-- = T/C Tree

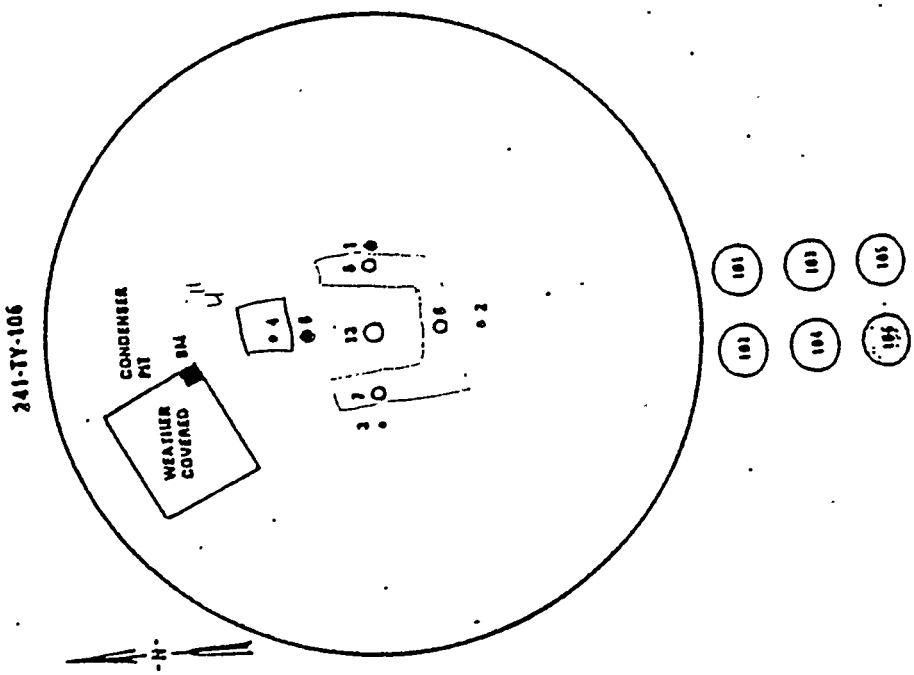


Figure 9. Location of Tank TY-106 in TY-Farm

Figure 10. Tank BX-109 (Category 3) Riser Configuration

241-BX-109

NO.	DIA.	ELEV.	DESCRIPTION AND COMMENTS
1	4	655.55	FLANGE, SPARE, BN
2	12"	655.53	FLANGE, SPARE
3	12"	655.54	TEMPERATURE PROBE
4	4"	655.55	BREATHER FILTER, G1 HOUSING
5	4"	655.00	TEMPERATURE PROBE
6	12"	655.10	FLANGE, SPARE
7	12"	655.11	B-222 OBSV PORT
8	4"	655.09	FIC, BN
9	42"		MH, BG
13A	12"	650.93	SALTWELL SCREEN AND PUMP

C_L INSIDE TANK BOTTOM = 614.00

REF DWGS DOME PLAN/AS BLT H-2-1745, H-2-37852, H-2-607
RISER ELEV H-2-73319
ISOLATION 6/30/88
VERIFIED

/ = Riser Available

·-- = T/C Tree

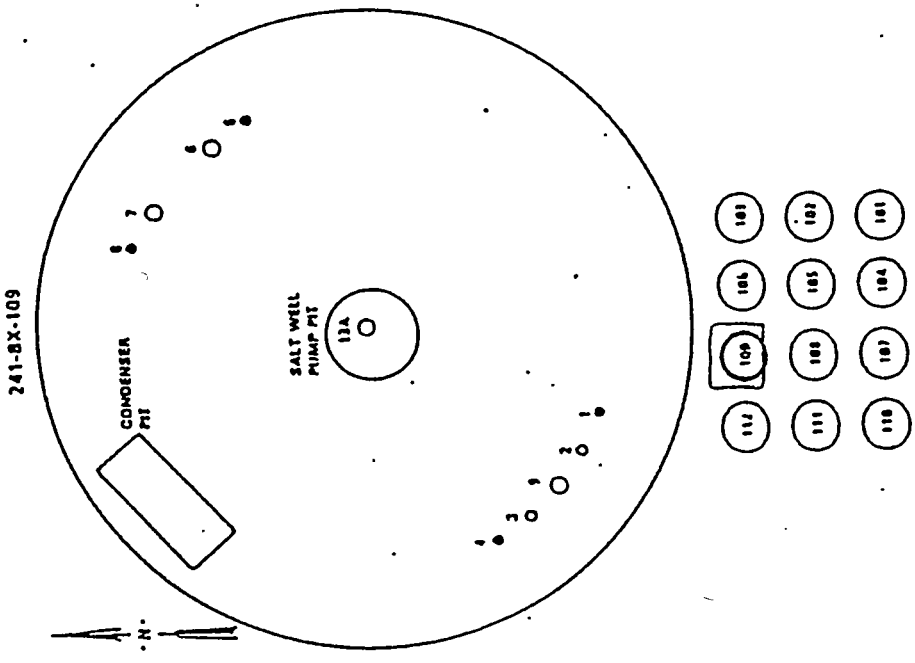


Figure 11. Location of Tank BX-109 in BX-Farm

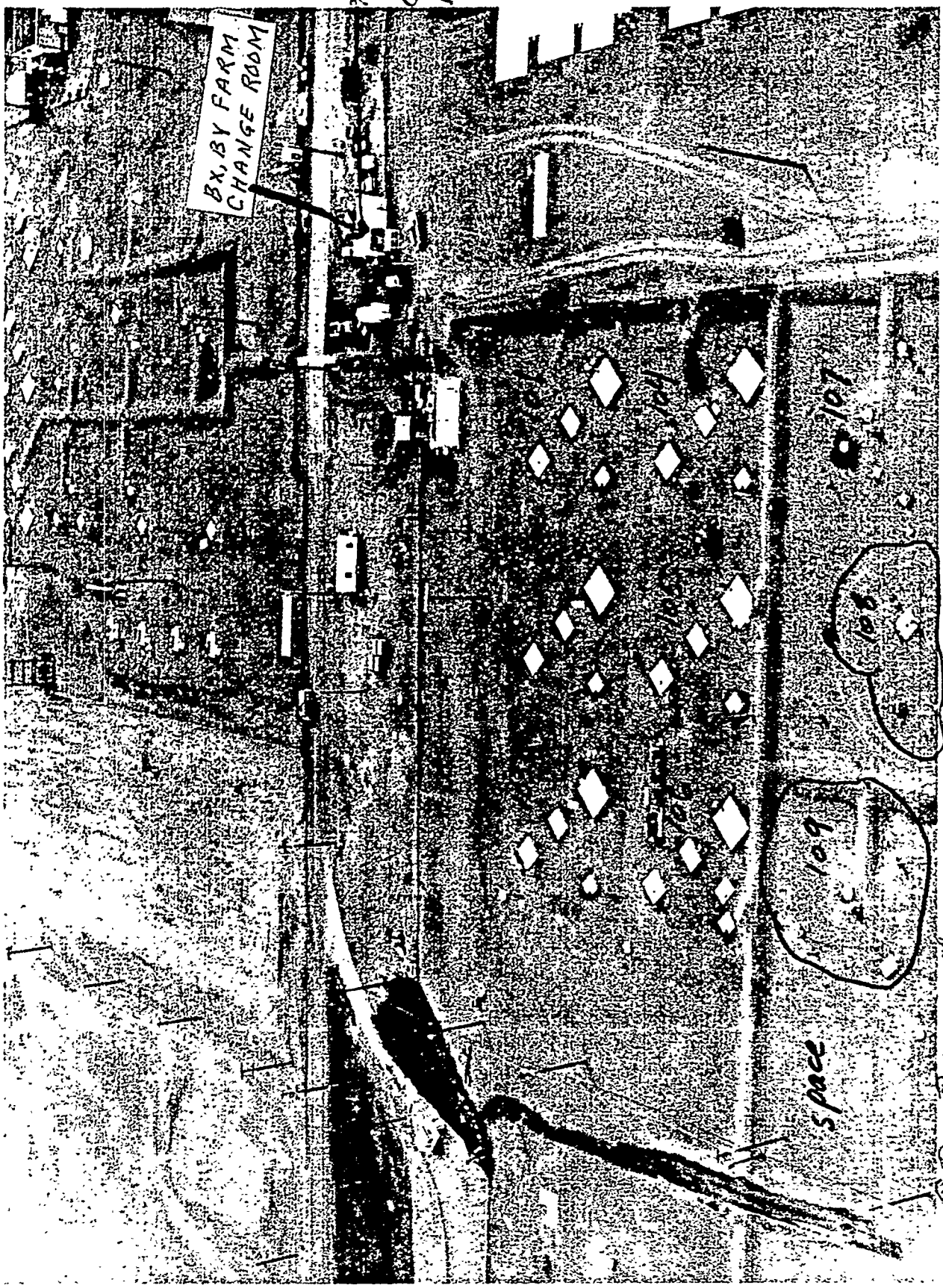
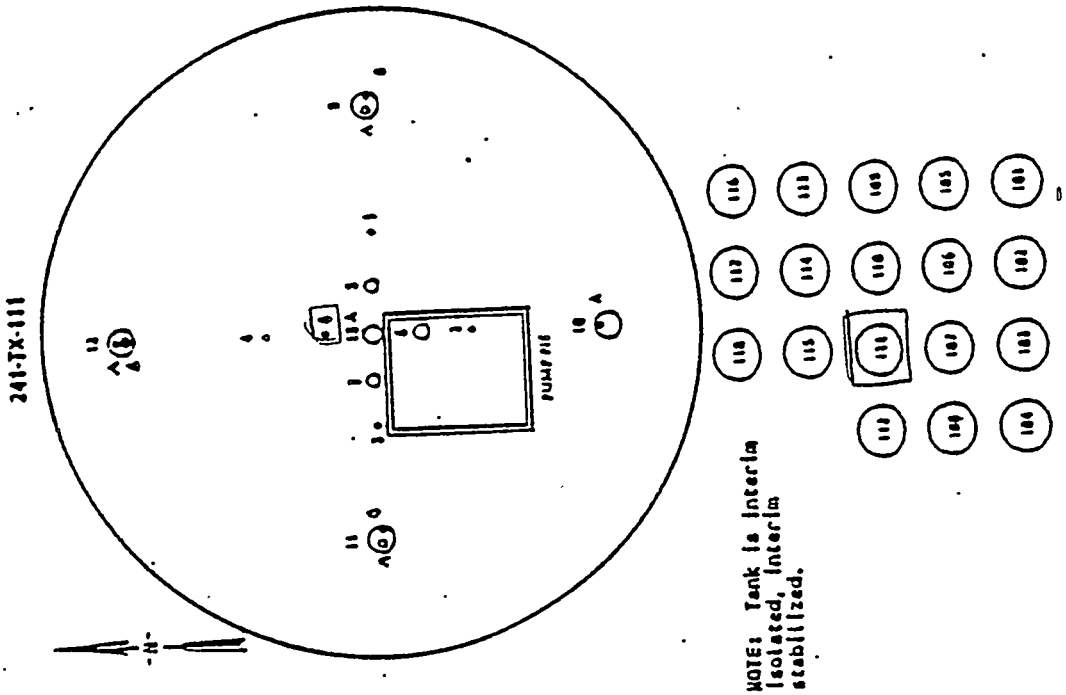


Figure 12. Tank TX-111 (Category 3) Riser Configuration

241-TX-111

NO.	DIA.	ELEV.	DESCRIPTION AND COMMENTS
1	4"	670.14	LIQUID LEVEL REEL
2	4"	665.80	(PIT DRAIN) WC
3	4"	670.17	WELDED CAP (UNUSABLE)
4	4"	664.61	FLANGE ✓
5	12"	670.23	FLANGE, SPARE ✓
6	12"	666.13	(SALTWELL SCREEN) WC
7	12"	670.19	B-222 OBSV PORT
8	4"	670.18	TEMPERATURE PROBE ——
9	42"	665.79	BQ
9A	14"		AIRLIFT CIRCULATOR-ISOLATED BQ
9B	4"	670.30	FLANGE, SPARE, BN ✓
10	42"		BQ
10A	4"	670.51	FLANGE, SPARE ✓
10B	18"		OLD VENT SYSTEM-CAPPED
11	42"	665.79	BQ
11A	14"		AIRLIFT CIRCULATOR
11B	4"	669.93	FIBERGLASS LOW, BN
12	42"		BQ
12A	4"	670.54	BREATHER FILTER, G-1 HOUSING
12B	18"		OLD VENT SYSTEM-CAPPED
13	42"		BQ

✓ = Riser Available
-- = T/C Tree



241-TX-111

13A	14"		AIRLIFT CIRCULATOR-ISOLATED BG
13B	4"	670.14	FLANGE, SPARE

℄ INSIDE TANK BOTTOM = 622.73
REF DWGS DOME PLAN/AS BLT H-2-808
RISER ELEV H-2-1747, H-2-37910
ISOLATION H-2-73129
VERIFIED 9/8/86

✓ = Riser Available

-- = T/C Tree

Figure 13. Location of Tank TX-111 in TX-Farm (2 pages)

Figure 14. Tank T-108 (Category 1) Riser Configuration

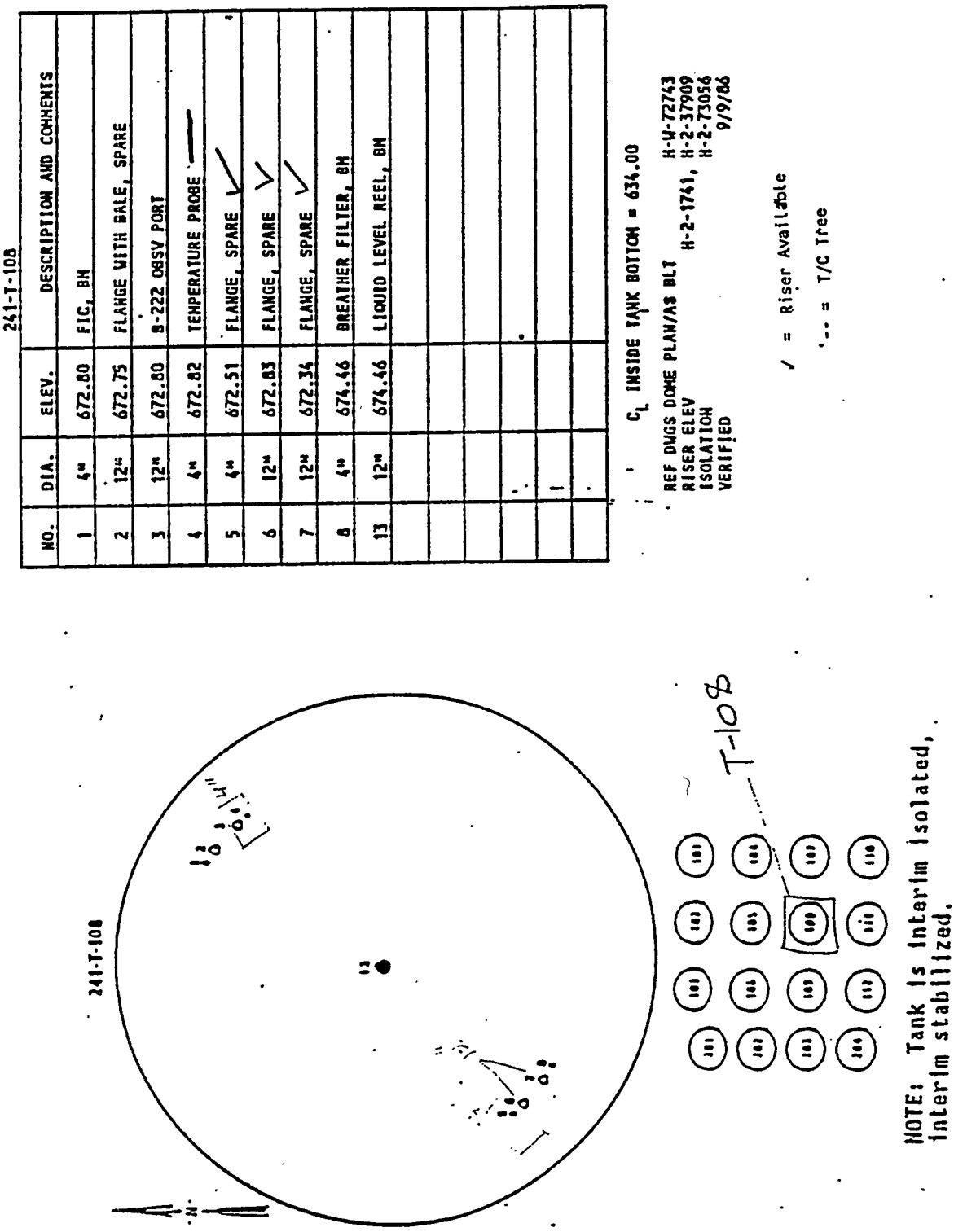


Figure 15. Tank BX-108 (Category 2) Riser Configuration

241-BX-108

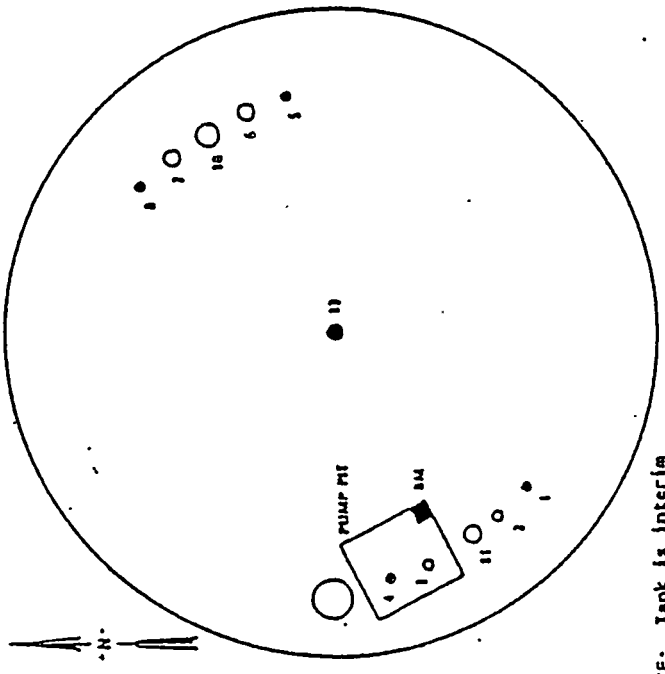
NO.	DIA.	ELEV.	DESCRIPTION AND COMMENTS
1	4"	656.56	BREATHER FILTER
2	12"	656.54	FLANGE, SPARE, BH ✓
3	12"	646.96	PUMP WC
4	4"	647.63	PIT RISER WC T
5	4"	656.06	TEMPERATURE PROBE —
6	12"	656.12	B-222 OBSV PORT
7	12"	656.12	LIQUID LEVEL REEL
8	4"	656.09	FLANGE, SPARE, BH ✓
10	42"		MH, BG
11	42"		MH, BG
13	12"	656.54	FLANGE, SPARE, BH ✓

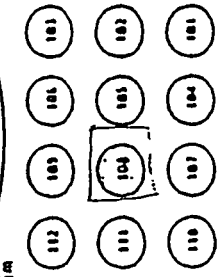
C_L INSIDE TANK BOTTOM = 615.00

REF DWGS DOME PLAN/AS BLT H-2-607
RISER ELEV H-2-1745, H-2-37852
ISOLATION H-2-73311
VERIFIED 9/24/86

✓ = Riser Available

-- = T/C Tree





NOTE: Tank is interim isolated, interim stabilized.

Figure 16. Tank TX-107 (Category 2) Riser Configuration

241-TX-107

NO.	DIA.	ELEV.	DESCRIPTION AND COMMENTS
1	4"		COVERED W/CONCRETE
2	4"		(JUMPER DRAIN) WC
3	4"	670.00	BG
4	4"	670.05	TEMPERATURE PROBE
5	12"	662.94	(PLUGGED) WC
6	12"	663.69	(SPARE) WC ✓ ?
7	12"	662.94	(PLUGGED) WC ✓ ?
8	4"	670.94	FIC
9	42"	665.79	
9A	4"	670.03	FLANGE, SPARE BM ✓
9B	12"	671.01	FLANGE, OLD VENT SYSTEM
10	42"	662.96	(IN PIT BOTTOM) WC
10B	12"		B-222 OBSV PORT, BM
11	42"	665.79	IN CAISSON - BG
11A	4"	672.93	BREATHER FILTER, G-1 HOUSING
11B	18"		FLANGE, OLD VENT SYSTEM
12	42"	662.96	(AT PIT BOTTOM) WC
13	42"	663.69	(IN PIT BOTTOM) WC
13A	12"		(SAMPLE LINES) CUT BG

C_L INSIDE TANK BOTTOM = 622.73

REF DWGS DOME PLAN/AS BLT H-2-808
RISER ELEV H-2-1747, H-2-37910
ISOLATION H-2-73125
VERIFIED 9/8/86

✓ = Riser Available

- -- = T/C Tree

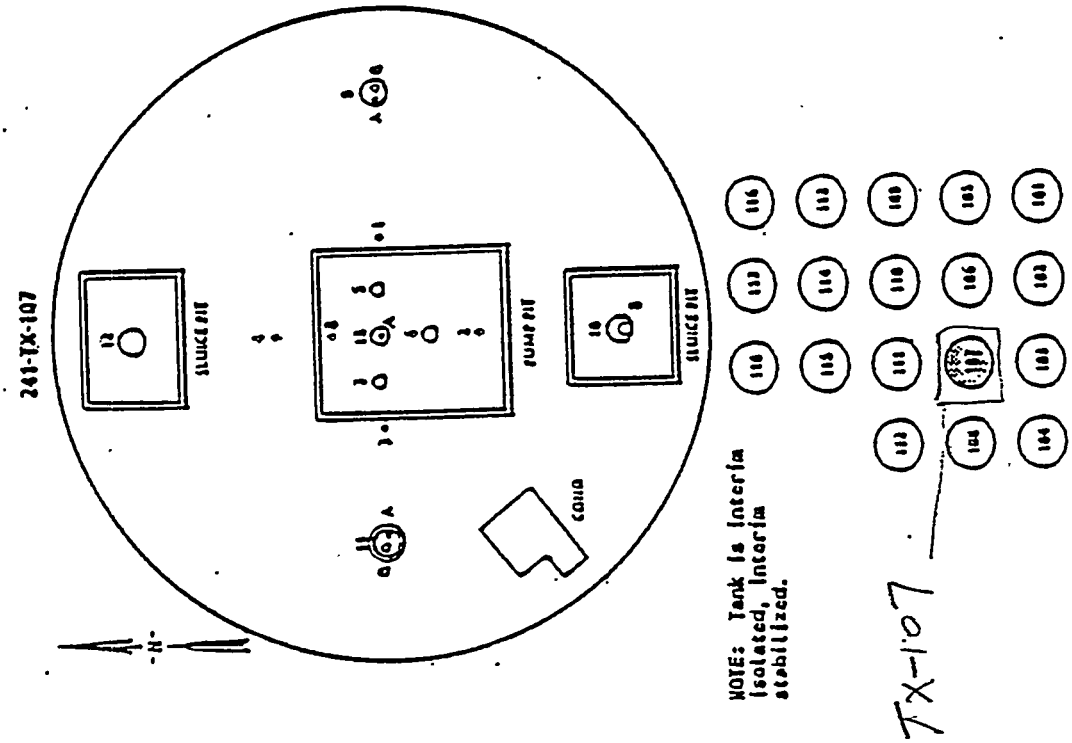
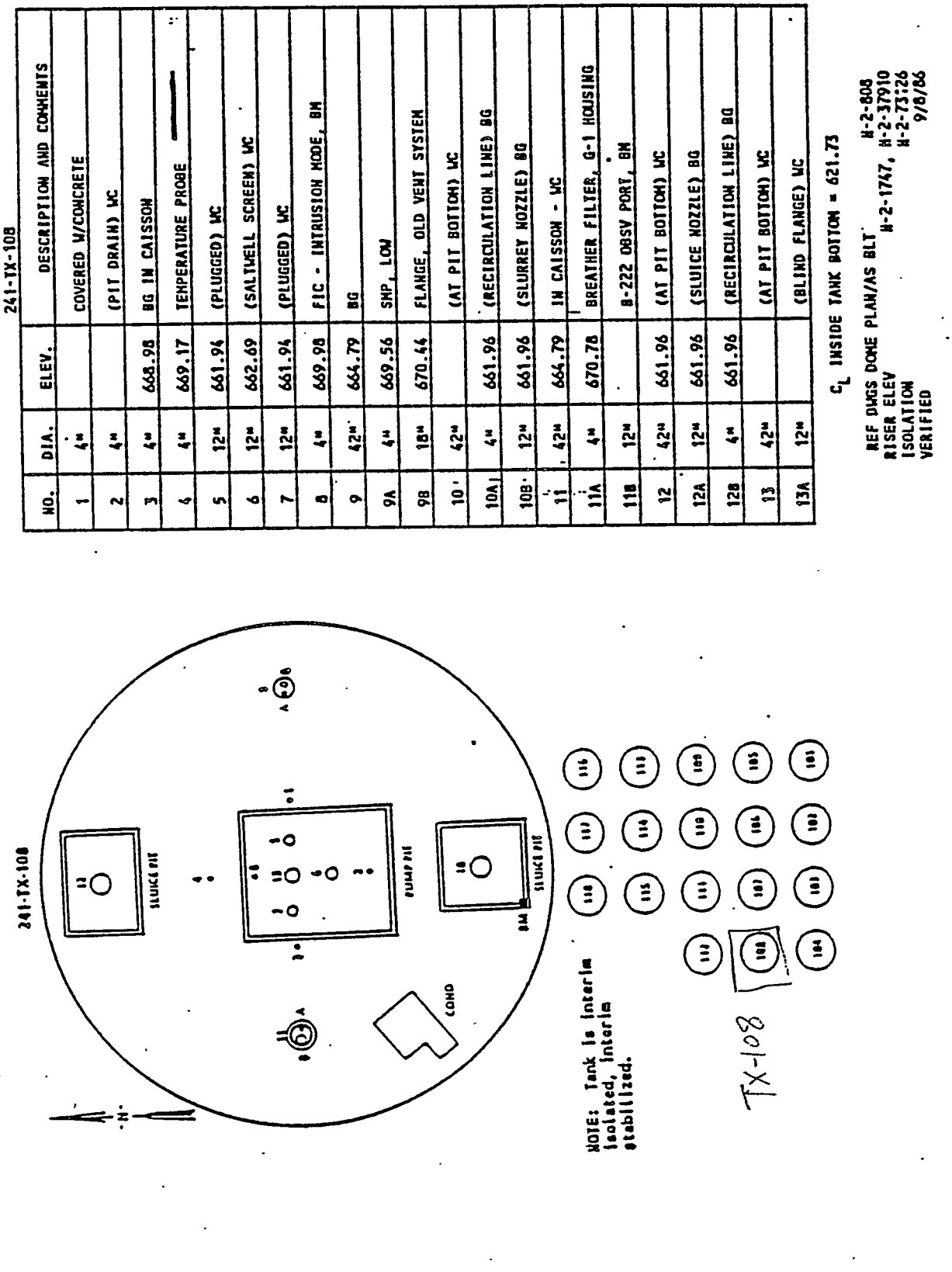


Figure 17. Tank TX-108 (Category 2) Riser Configuration



241-TX-108

NO.	DIA.	ELEV.	DESCRIPTION AND COMMENTS
1	4"		COVERED W/CONCRETE
2	4"		(PIT DRAIN) WC
3	4"	668.98	BG IN CAISSON
4	4"	669.17	TEMPERATURE PROBE
5	12"	661.94	(PLUGGED) WC
6	12"	662.69	(SALTWELL SCREEN) WC
7	12"	661.94	(PLUGGED) WC
8	4"	669.98	FIC - INTRUSION MODE, BM
9	42"	664.79	BG
9A	4"	669.56	SNP, LOW
9B	18"	670.44	FLANGE, OLD VENT SYSTEM
10	42"		(AT PIT BOTTOM) WC
10A	4"	661.96	(RECIRCULATION LINE) BG
10B	12"	661.96	(SLURREY NOZZLE) BG
11	42"	664.79	IN CAISSON - WC
11A	4"	670.78	BREATHER FILTER, G-1 HOUSING
11B	12"		B-222 OBSV PORT, BM
12	42"	661.96	(AT PIT BOTTOM) WC
12A	12"	661.96	(SLUICE NOZZLE) BG
12B	4"	661.96	(RECIRCULATION LINE) BG
13	42"		(AT PIT BOTTOM) WC
13A	12"		(BLIND FLANGE) WC

C_L INSIDE TANK BOTTOM = 621.73

REF DWGS DOME PLAN/AS BLT H-2-808
RISER ELEV H-2-1747, H-2-37910
ISOLATION H-2-73126
VERIFIED 9/8/86

4. = Riser Available

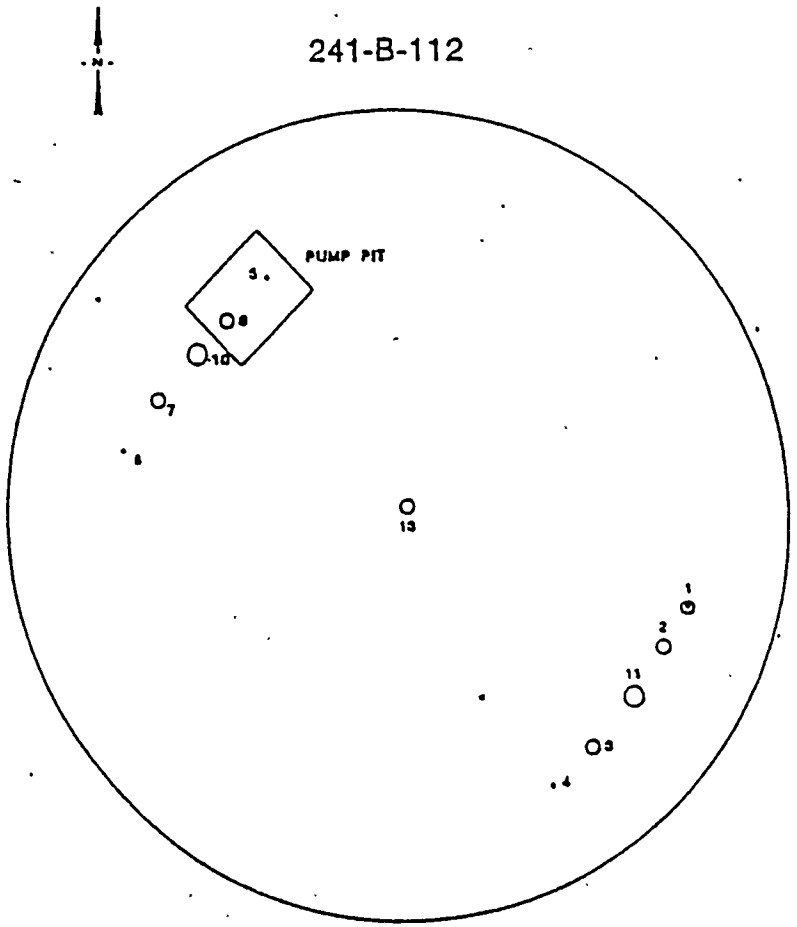
-- = T/C Tree

NOTE: Tank is interim isolated, interim stabilized.

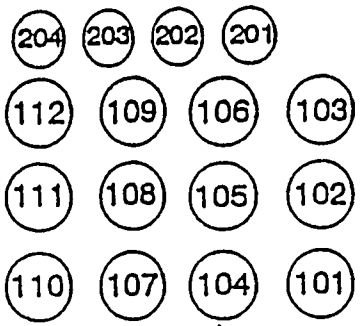
TX-108

Fig. 17 Tank TX-108 (Category 2) Riser Config.

Figure 18. Tank B-112 (Category 3) Riser Configuration



NOTE: TANK IS INTERIM ISOLATED, INTERIM STABILIZED



241-B-112

NO.	DIA.	ELEV.	DESCRIPTION AND COMMENTS
1	4"	652.65	TEMPERATURE PROBE, BM
2	12"	652.65	FLANGE, SPARE ✓
3	12"	652.70	B-222 OBSV PORT
4	4"	652.64	FIC
5	4"	645.13	(TANK INLET) VC
6	12"	644.46	(PUMP) VC
7	12"	652.19	FLANGE, SPARE ✓
8	4"	652.18	BREATHER FILTER, G1 HOUSING
10	42"		BG, MH
11	42"		BG, MH
13	12"	652.42	NF

C_L INSIDE TANK BOTTOM = 613.00

REF DWGS DOME PLAN/AS BLT H-2-607, H-W-72743
RISER ELEV H-2-1743, H-2-37851
ISOLATION H-2-73288
VERIFIED 9/30/86

✓ = Riser Available

-- = T/C Tree

Figure 19. Location of Tank B-112 in B-Farm

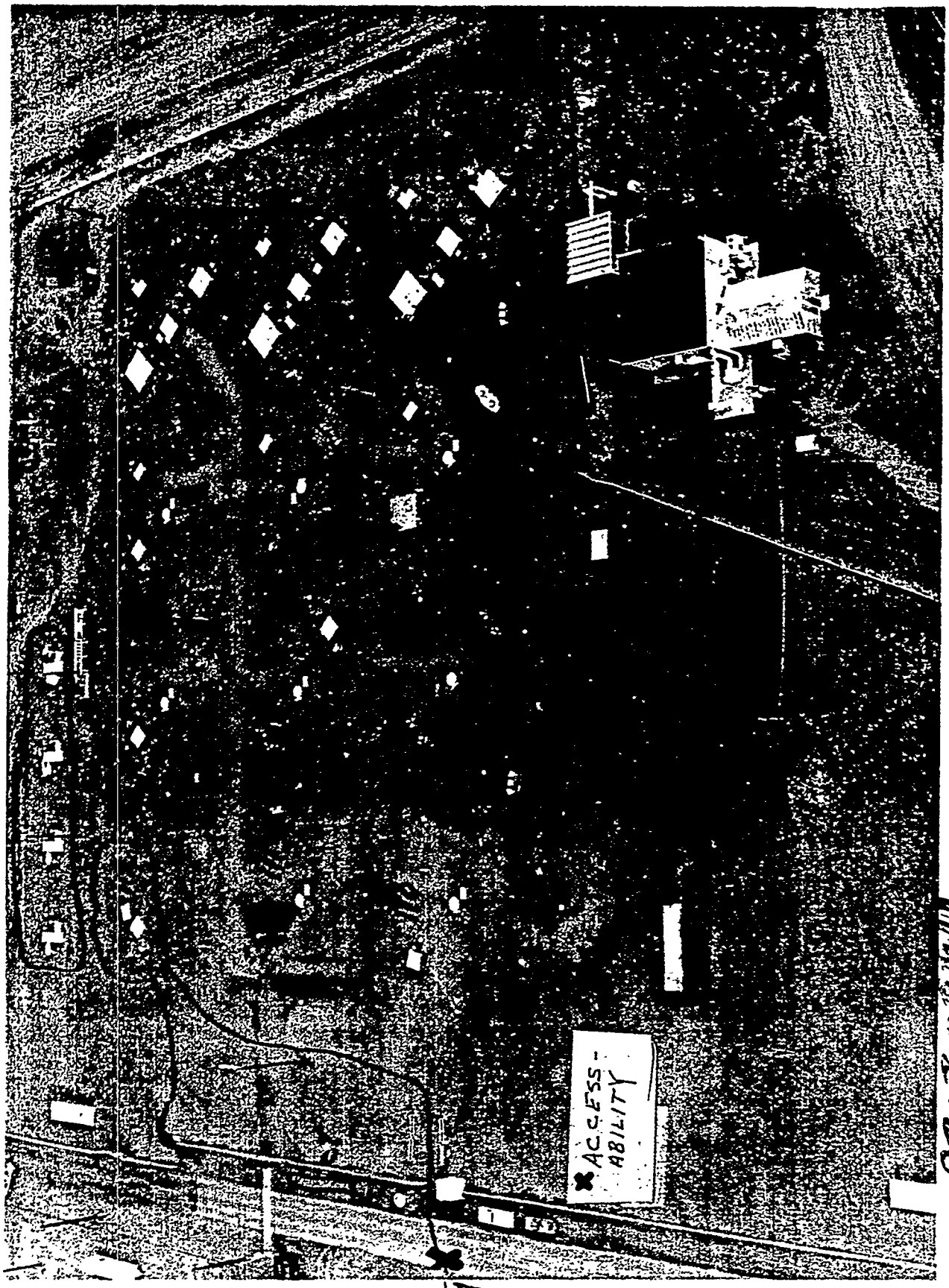
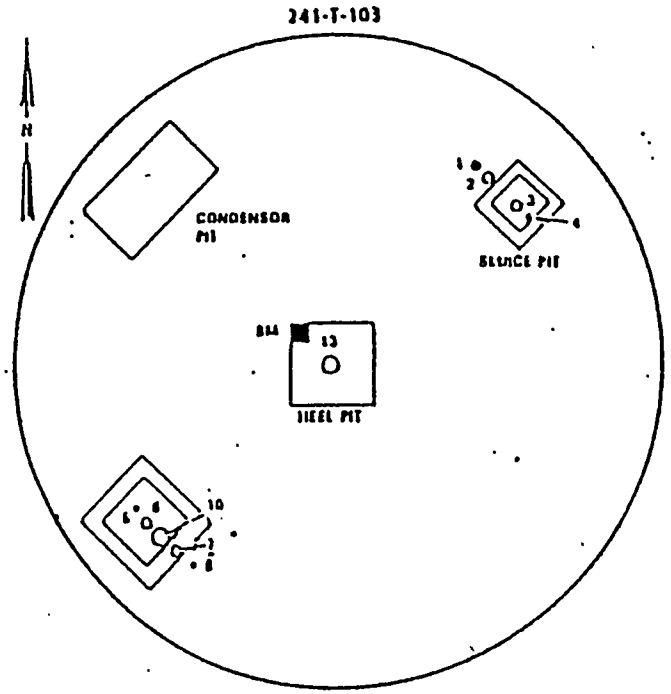
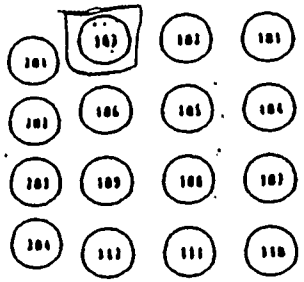


Figure 20. Tank T-103 (Category 3) Riser Configuration

241-T-103



NOTE: ALL PITS ARE WEATHER COVERED



NOTE: Tank is interim isolated, interim stabilized.

241-T-103

NO.	DIA.	ELEV.	DESCRIPTION AND COMMENTS
1	4"	671.83	FIC, BM
2	12"	671.83	B-222 OBSV PORT
3	12"	664.33	SLUICING NOZZLE WC
4	4"	664.21	RECIRCULATING DIP LEG WC
5	4"	664.21	RECIRCULATING DIP LEG WC
6	12"	664.33	SLUICING NOZZLE WC
7	12"	672.36	BREATHER FILTER
8	4"	671.38	TEMPERATURE PROBE
10	42"	664.33	SLUDGE PUMP WC
13	12"	669.09	HEEL JET WC

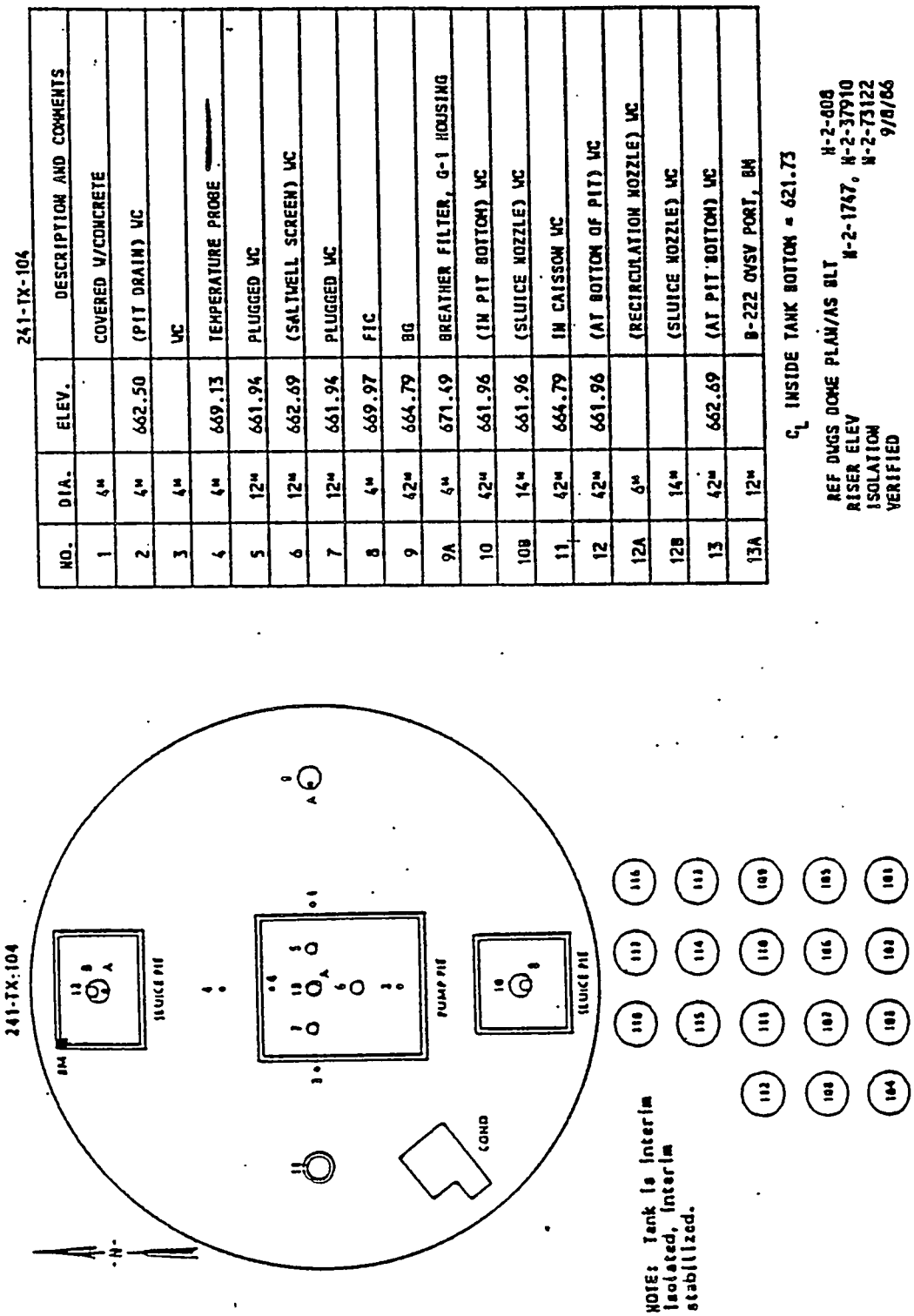
C_L INSIDE TANK BOTTOM = 633.00

REF DWGS DOME PLAN/AS BLT H-W-72743
RISER ELEV H-2-1741, H-2-37909
ISOLATION H-2-73054
VERIFIED 9/9/86

/ = Riser Available

-- = T/C Tree

Figure 21. Tank TX-104 (Category 3) Riser Configuration



4.0 DISCUSSION

In this section, tanks from the first three categories are discussed.

4.1 CATEGORY 1 TANKS

Tanks T-106 and T-109 were selected from Category 1 for hot testing the LDUA. Because of its better location Tank T-106 is the preferred of the two.

4.1.1 Tank T-106

- Two 12-in. risers (designated as Numbers 6 and 7) are available approximately 4.0 to 4.5 ft away from the tank wall.
- The only other 12-in. riser (Number 13 [center riser] approximately 37 ft away from the wall) has a breather filter installed in it. The filter can be moved to the other 12-in. riser but will involve additional work will not meet the operating requirements for the LDUA.
- Two 4-in. risers (Numbers 4 and 5) are available approximately 4.0 to 4.5 ft away from the tank wall. These risers are directly opposite of each other.
- Location of the tank is very good, and gate access for the control trailer is excellent (approximately 300 ft from the tank farm fence).
- One thermocouple tree is installed in Riser Number 8.

4.1.2 Tank T-108

- Only one 4-in. (Number 5) and two 12-in. (Numbers 6 and 7) risers are available.
- Tank accessibility is poor in comparison to the other two in this category.
- This tank still has potential and may be investigated further if needed as to its acceptability.

4.1.3 Tank T-109

- Two 12-in. risers (Numbers 6 and 7) are available approximately 4.3 to 4.5 ft away from the tank wall.
- Two 4-in. risers (Numbers 4 and 5) are available approximately 4.3 to 4.5 ft away from the tank wall. These risers are directly opposite of each other.
- Location of the tank is very good, and gate access for the control trailer is excellent (approximately 300 ft from the tank farm fence).

- One thermocouple tree is installed in Riser Number 8.

4.2 CATEGORY 2 TANKS

There are five tanks in Category 2. Tank AX-104 and TY-106 were selected from this category; of these, Tank AX-104 is the most preferred.

4.2.1 Tank AX-104

- Access to the tank farm is good, and parking space is sufficient.
- Closest change room is in the 242-A Evaporator.
- Two 12-in. risers (Numbers 5A and 5B) can be used but are weather covered with cement blocks. These cover blocks can be removed but will require extra preparation and paper work.
- One 14-in. riser (Number 3A) also is available and may prove a better alternative to the two 12-in. risers. Riser Number 3A is not in the center of the tank being approximate 15 to 17 ft away from the wall.
- Four 4-in. risers (Numbers 7C, 7D, 16B, and 16C) also are available approximately 2.5 to 3.5 ft away from the tank wall.

4.2.2 Tank BX-108

- Location of tank was determined not to be satisfactory but still has potential.

4.2.3 Tank TX-107

- No spare 12-in. riser is available.
- Only one 4-in. riser is available.

4.2.4 Tank TX-108

- No spare risers are available.

4.2.5 Tank TY-106

- Three 12-in. risers (flange with lead) are available approximately 30 to 32 ft away from the tank wall. Also, it requires less work to open these risers compare to weather-covered risers (cement block).
- One 4-in. spare riser (Number 4) is available approximately 28 to 30 ft away from the tank wall.
- Access to the tank farm is good, and parking space is sufficient.
- Steep incline around the tank farm near the tank needs to be checked as to whether it will cause parking problems.

- Strong recommendation and support was given by tank farm cognizant engineer for using this tank because there will be no work going on in this tank farm during fiscal year 1996 when LDUA will be tested.

4.3 CATEGORY 3 TANKS

There are six tanks in Category 3. Tanks BX-109, T-112, and TX-111 were selected from this category, all having equal potential.

4.3.1 Tank B-112

- No 4-in. spare riser is available.
- Two 12-in. risers are available.

4.3.2 Tank BX-109

- One 4-in. and two 12-in. risers are available approximately 4.5 to 5.5 ft away from the tank wall.
- Two thermocouple trees are installed in Riser Numbers 3 and 5.
- Location of the tank is fair.

4.3.3 Tank T-103

- No spare risers are available.

4.3.4 Tank T-112

- Two 4-in. risers are available approximately 4.5 to 5.5 ft away from the tank wall and one 12-in. riser in the center of the tank.
- One thermocouple tree is installed in Riser Number 8.
- Location of the tank is very good, and gate access for the control trailer is excellent (approximately 300 ft from the tank farm fence).

4.3.5 Tank TX-104

- No spare risers are available.

4.3.6 Tank TX-111

- Tank is almost 50% full of waste.
- Tank location is acceptable.
- Four 4-in. risers are available, two are 16 to 19 ft and two are 30 to 37 ft away from the wall.
- One 12-in. riser is available approximately 32 ft away from the wall.

4.4 RECOMMENDATIONS

Seven tanks from three categories were selected as shown in Table 3.1. It has been recommended that Tank T-106 be the preferred alternative and be used for hot testing the LDUA for the reasons that follow. While Tanks T-106 and T-109 have the same number of available risers (two 12-in. and two 4-in. spare risers), Tank T-106 provides better options in terms of parking space for the operations control trailer as shown in Figure 3. Tanks T-106 and T-109 have one limitation in that their 12-in. risers are approximately 4.0 to 4.5 ft away from the wall and not 10 to 15 ft. Tank T-112 is conveniently located (near the gate) but the available 12-in. riser is in the center of the tank, approximately 37.5 ft away from the wall, which does not meet the operating requirement for the LDUA. While waste volume varies in each tank; Tank T-106 has the lowest level of waste (4%) compared to Tank T-109 (11%), and Tank T-112 (12.5%).

All three tanks have superior access and are near the tank farm fence. If for some reason Tank TX-106 cannot be used, Tank TX-109 is the recommended second alternative.

The third alternative recommendation is Tank AX-104. This tank has four 4-in. spare risers and one 14-in. riser within 15 to 17 ft of the tank wall. This is the third choice as its 14-in. riser will require installation of a plug (additional work) and the first two recommended tanks have the advantage of having two 12-in spare risers each, though they are close to the tank walls.

The remaining four tanks (241-TY-106, BX-109, TX-111, and T-112) may be selected in the order shown if the first three alternatives cannot be used.

Tanks identified in Table 3.2 were not referenced for riser distance from the wall or tank drawings. Tanks T-108 and BX-108 also have potential for being used. These tanks can be further investigated if the recommended candidate tanks are not usable. The remaining tanks in this table do not provide the risers necessary for testing.

Whichever tank is selected, certain limitations will be inherent in one or the other farm. Most available 12-in. risers are close to wall (3.5 to 5.0 ft), in the center, or near the center of the tank. The intent was to select a spare 12-in. and two 4-in. risers that were convenient and did not involve extra work (for example, removing the equipment from one riser to another or uncovering weather covered risers) beyond inspection.

5.0 GLOSSARY

This section provides brief definitions of some pertinent terms used in this report for the benefit of the reader.

High Resolution Stereoscopic Video Camera System (HRSVS): A device deployed by the light-duty utility arm system, which will provide high resolution stereoscopic inspection of the tank walls and in-tank components.

Light-Duty Utility Arm (LDUA): A robotic manipulator arm with a 13.5-foot reach, seven degree-of-freedom extension, which has the dexterity to reach beyond obstructions within the waste tanks, while providing substantial orientation and positioning capability for using the attached end effectors.

Overview Systems: These systems will support and supplement the physical deployment of the light-duty utility arm system and will monitor its movements. It is anticipated that an overview system will be deployed before the light-duty utility arm system and will remain in place while the LDUA is in use.

Overview Stereo Video System (OSVS): This video system will provide a real-time stereo overview of both the light-duty utility arm system and the interior of the waste tank in which the LDUA is deployed. The OSVS is intended to provide the depth perception and enhanced observation of details, which are only possible through stereo viewing, using special stereo display techniques.

Overview Video System (OVS): This radiation hardened video system will provide an overview (from a standoff position) of the light-duty utility arm system and interior of the waste tank in which the LDUA system is deployed. It is intended to be a first-in, last-out overview camera system and will be deployed through an existing 4-in. diameter opening in the tank.

Still/Stereo Photography System (SSPS): A device deployed by the light-duty utility arm system, which will provide stereo photographic film images of areas of interest, either close up or at a distance. Still photography offers approximately 10 times the resolution of the best video systems under ideal conditions.

Topographical Mapping System (TMS): A device that will map the surface of the waste; the tank floor, wall, and dome; as well as any internal structures to a resolution of 25.4 mm (1 in.) and an accuracy of +/- 6.35 mm (+/- 0.25 in.) at a range of 13.7 meters (45 ft). This information will be used to provide a world model for path planning and collision avoidance for light-duty utility arm operation.

Riser: Pipe leading into tank through dome.

Spare Riser: Riser with no current function or planned use.

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6.0 REFERENCES

Alstad, A. T., 1993, *Riser Configuration Document For Single-Shell Waste Tanks/Document Update*, WHC-SD-RE-TI-053, Rev. 9, Westinghouse Hanford Company, Richland, Washington.

Carteret, B. A., 1992, *Tank Selection for Early Deployment and Light Duty Utility Arm System Testing* (letter 93-BAC-001, to J. C. Fulton, J. G. Propson, R. E. Raymond, April 3), Westinghouse Hanford Company, Richland, Washington.

Hanlon, B. M., 1994, *Tank Farm Surveillance and Waste Status Summary Report (July)*, WHC-EP-0182-75, Westinghouse Hanford Company, Richland, Washington.

Tran, T. T., 1993, *Thermocouple Status Single Shell & Double Shell Waste Tanks*, WHC-SD-WM-TI-553, Rev. 0, Westinghouse Hanford Company, Richland, Washington.

Williams, L. S., 1994, *DST/SST Retrieval Sequence Document*, WHC-SD-WM-ER-193, Rev. 1A, Westinghouse Hanford Company, Richland, Washington.

ACKNOWLEDGMENTS

Tank Farm Characterization		
Keith E. (Gus) Myers	373-1664	S7-01
Dana C. Langlois	373-5794	S7-01
James R. Biggs	373-3765	S7-01
Thermocouple Tree Water Addition Limit		
Gary T. Dukelow	373-4479	S7-15
Tank Monitoring and Control System		
Charles C. Scaiff	376-0491	L7-06
200 East Tank Farm Radiation Data		
Lee M. Livesey	373-3500	S4-39
Walter D. Glaspell	373-2434	S4-39
200 Radiation Data West Tank Farm		
Gerald L. Kelly	373-3788	T4-09
Richard (Rick) Miller	373-3788	T4-09
Vapor Temperature Data		
Diane Leist	373-3835	R1-80
Tank Farm Photographs		
Virgil (Butch) Rouch	373-3169	
T-Farm Risers		
Stephen L. Swaney	373-3472	T4-07
AX-Farm Risers		
Alan Alstad	373-5639	S5-13
Technical Editing		
Franc Grey	372-0551	A2-24
Additional Support		
Manager, Special Equipment Engineering		
John G. Propson	372-0455	S2-02
LDUA Project Manager		
George H. Smith	372-0996	N1-21

APPENDIX A.1

EVALUATION CORRESPONDENCE:
CANDIDATE SINGLE-SHELL TANKS FOR LIGHT-DUTY UTILITY ARM HOT TESTING

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[1] From: George H Smith at ~WHC211 8/31/94 4:00PM (3168 bytes: 125 ln)
To: Pushpa K Bhatia at ~WHC352, John G Propson at ~WHC268
Subject: BX111

---------- Forwarded ----------

From: Dana C Langlois at ~WHC23 8/5/94 8:25AM (2951 bytes: 125 ln)
To: Betty A Carteret at ~WHC211, David H (Dave) Brown at ~WHC211, George H Smith at ~WHC211, Gary R Kiebel at ~WHC211, Allan F Pardini at ~WHC211, John W Engstrom at ~WHC185, Christopher M Smith at ~PNL33
cc: Keith E (Gus) Myers, Dana C Langlois
Subject: BX111

---------- Message Contents ----------

BX 111, as mentioned before is easily accessible and has more than enough room iside and outside the fence for all the equipment necessary to operate the LDUA.

It has two 12" risers located directly accross from each other that are "open" and a 4" inch riser next to one of the twelve inch risers.

It has a total of 200k gallons of waste, once it is interim stabolized it will have a solid surface and more area in which to operate the arm to it's fullest capability without getting it too near to the surface.

BX 111 is a 530, 000 gallon Single Shell Tank built in 1947 and put into service in 1950. It was declared an assumed leaker in 1984. In 1985 about 5,000 gallons were pumped from this tank, and it was then determined that this tank would need to be "jet pumped." August 31, 1990, one week before the tank was to be saltwell pumped the decision was made not to pump. It was listed as a ferrocyanide Watch List tank, which brought up concerns about pumping.

This tank was taken off the Watch list on June 29, 1993 by the U.S. Department of Energy-Headquarters after several extensive safety studies.

Samples received at the 222-S Laboratory showed the following types of waste.

Aluminum, Calcium, Cromium, Mercury, Potasium, Molybdenum, Sodium, Phosphorus, Silicon, Chlorine, Sulfer, Nitrate, Nitrite, Phosphate, Sulfate, Hydroxide, Carbonate.

I have a more detailed list which measures the concentrations of each of the above, it probably isn't necessary but, if anyone is interested give me a call.

Dana 373-5794 85-3426

[16] From: Keith E (Gus) Myers at ~WHC23 10/25/94 1:52PM (1596 bytes: 32 ln)
To: Pushpa K Bhatia at ~WHC352
Subject:
---------- Message Contents ----------

C-FARM SHOULD NOT BE UTILIZED DUE TO ONGOING PERSONNEL CONCERNS WITH THE VAPOR ISSUE OF ALL OF C-FARM TANKS. THIS IS ALSO ONE OF THE MOST CONTAMINATED TANK FARMS AT HANFORD.

A-FARM SHOULD NOT BE UTILIZED DUE TO THE LACK OF SUFFICENT SPACE AVAILABLE OUTSIDE OF THE FARM FOR SUPPORT EQUIPMENT. THE HOT TEST SHOULD BE COMPLETED IN A FARM WHERE COMMUNICATIONS BETWEEN THE FIELD AND THE SUPPORT EQUIPMENT IS NOT RESTRICTED IN ANY MANNER. IDEALLY THE SUPPORT PERSONNEL AND THE FIELD PERSONNEL WILL BE IN A VERY CLOSE PROXIMITY.

[107] From: Dana C Langlois at ~WHC23 1/24/95 3:00PM (1822 bytes: 26 ln)
To: Pushpa K Bhatia at ~WHC352, James R (J R) Biggs at ~WHC69, Dana C Langlois
Subject: LDUA stuff
---------- Forwarded with Changes ----------
From: James R (J R) Biggs at ~WHC69 1/23/95 5:49AM (804 bytes: 16 ln)
To: Dana C Langlois at ~WHC23
Subject: LDUA stuff
---------- Message Contents ----------

Could you add the action items from the last meeting to your busy schedule for today or tommorow? Here's what I had listed:

Check routing boards for screens and/or pumps in the central pits. THERE IS NOTHING IN T-106, T-112, (T-109 STILL CHECKING ON)

Check with Dell Scott on drywells/LOW's on T-106 and any others on the final list. NO LOW's IN T-106 AND THERE IS ROOM FOR GETTING AROUND LDUA MDS WITH THE DRYWELLS VAN.

Check with Dell or Sumey on new T-106 video/photo's. LAST PHOTOS IN T-106 WERE TAKEN IN JULY OF 1980. (damp sludge & pool in center of tank aprox. 30-40 ft. dia. aprox. 2" deep. 25mr/hr over the 12" riser in the center). THERE IS MORE INFORMATION ON THIS LAST PHOTO SHOOT NOT REALLY PERTINENT TO LDUA BUT, IF INTERESTED LET ME KNOW.

Do a walkdown/visualization in T-Farm for interference or other gotcha's. AT THIS TIME THE FARM IS IN GOOD CONDITION RELATIVE TO ANY INTERFERENCE TO LDUA.

Thanks, JR
ANY QUESTIONS CALL ME
DANA 373-5794 85-3426

[69] From: Gary T Dukelow at -WHC129 1/14/93 5:17PM (3054 bytes: 6 ln, 1 fl)
To: Harry D Harmon at -WHC140
cc: John C Fulton at -WHC268, Dennis C Richardson at -WHC268
Subject: TC Tree Water Addition Limit
---------- Message Contents ----------

Text item 1:

Russ Harwood, DOE-RL, asked me to informally provide him the basis for the 250 gallon limit we have imposed on installing TC trees in the ferrocyanide leaker tanks. Charlie O'Dell had asked for it but only on an informal level. Would you please review the attached and see if it reflects your thoughts. Thanks

Sounds OK. It is mostly a judgement call.

HDH

Post-it™ brand fax transmittal memo 7671	# of pages ▸
To PUSHPA BHATIA	From G. DUKELOW
Co.	Co.
Dept.	Phone # 373-4479
Fax # 372-2065	Fax #

BASIS FOR WATER ADDITION LIMITS TO FERROCYANIDE LEAKER TANKS

SUMMARY: WHC believes that it is prudent have a goal of adding no more than 100 gallons of water to a ferrocyanide leaker tank with an upper limit of no more than 250 gallons.

Justification: WHC believes that more than 250 gallons of water added to a leaker tank is not desirable considering the alternate installation technologies available for minimizing waste leakage to the soil. One of the WHC objectives is to insure best available and practical technologies is used to minimize discharge to the environment.

The historical method of adding thermocouple (TC) trees to the tanks is to use a standard spray nozzle and sluice the TC tree into the solids. This has resulted in adding up to 1500 gallons of water to some tanks when hard layers of solids were encountered. It has to be assumed that this water will eventually leak to the ground.

A technique has been developed using an ultra high pressure pump that is projected to add less than 100 gallons of water to a tank with as much as 20 feet of waste. The equipment will be available by late FY 1993 in time for beginning installation of TC trees in leaker tanks when funding is available.

The 250 gallon number was selected, partially based on good judgement and just below that which could be detected by the liquid level guages.

002 11/02/94 13:34

TABLE A-1. WATCH LIST TANKS (Sheet 1 of 2)

These tanks have been identified as Watch List Tanks in accordance with Public Law 101-510, Section 3137, " Safety Measures for Waste Tanks at Hanford Nuclear Reservation," (1990). These tanks have been identified as the Priority 1 Hanford Site Tank Farm Safety Issues: "Issues/situations that contain most necessary conditions that could lead to worker (onsite) or offsite radiation exposure through an uncontrolled release of fission products, e.g., Tank SY-101."

June 30, 1994

Single-Shell Tanks Tank No.		Category	Officially Added to Watch List
A-101	(2)	Hydrogen	1/91
	(9)	Organics	5/94
AX-101	(2)	Hydrogen	1/91
AX-102	(9)	Organics	5/94
AX-103	(2)	Hydrogen	1/91
B-103	(2)	Organics	1/91
BX-102	(2)	Ferrocyanide	1/91
BX-106	(2)	Ferrocyanide	1/91
BY-103	(2)	Ferrocyanide	1/91
BY-104	(2)	Ferrocyanide	1/91
BY-105	(2)	Ferrocyanide	1/91
BY-106	(2)	Ferrocyanide	1/91
BY-107	(2)	Ferrocyanide	1/91
BY-108	(2)	Ferrocyanide	1/91
BY-110	(2)	Ferrocyanide	1/91
BY-111	(2)	Ferrocyanide	1/91
BY-112	(2)	Ferrocyanide	1/91
C-102	(9)	Organics	5/94
C-103	(2)(4)	Organics	1/91
C-106	(2)	High Heat Load	1/91
C-108	(2)	Ferrocyanide	1/91
C-109	(2)	Ferrocyanide	1/91
C-111	(2)	Ferrocyanide	1/91
C-112	(2)	Ferrocyanide	1/91

Single-Shell Tanks Tank No.		Category	Officially Added to Watch List
S-102	(2)	Hydrogen,	1/91
	(2)	Organics	1/91
S-111	(2)	Hydrogen	1/91
	(9)	Organics	5/94
S-112	(2)	Hydrogen	1/91
SX-101	(1)(2)	Hydrogen	1/91
SX-102	(1)(2)	Hydrogen	1/91
SX-103	(1)(2)	Hydrogen	1/91
	(9)	Organics	5/94
SX-104	(1)(2)	Hydrogen	1/91
SX-105	(1)(2)	Hydrogen	1/91
SX-106	(1)(2)	Hydrogen,	1/91
	(1)(2)	Organics	1/91
SX-109	(1)(2)	Hydrogen because it other tanks vent thru it	1/91
T-107	(3)	Ferrocyanide	2/91
T-110	(2)	Hydrogen	1/91
T-111	(8)	Organics	2/94
TX-105	(2)	Organics	1/91
TX-118	(2)	Ferrocyanide,	1/91
	(2)	Organics	1/91
TY-101	(2)	Ferrocyanide	1/91
TY-103	(2)	Ferrocyanide	1/91
TY-104	(2)	Ferrocyanide	1/91
	(9)	Organics	5/94

Single-Shell Tanks Tank No.		Category	Officially Added to Watch List
U-103	(2)	Hydrogen	1/91
	(9)	Organics	5/94
U-105	(2)	Hydrogen	1/91
	(9)	Organics	5/94
U-106	(2)	Organics	1/91
U-107	(2)	Organics	1/91
	(6)	Hydrogen	12/93
U-108	(2)	Hydrogen	1/91
U-109	(2)	Hydrogen	1/91
U-111	(7)	Organics	8/93
U-203	(9)	Organics	5/94
U-204	(9)	Organics	5/94
50 Tanks			

Double-Shell Tanks Tank No.		Category	
AN-103	(1)(2)	Hydrogen	1/91
AN-104	(1)(2)	Hydrogen	1/91
AN-105	(1)(2)	Hydrogen	1/91
AW-101	(1)(5)	Hydrogen	6/93
SY-101	(1)(2)	Hydrogen	1/91
SY-103	(1)(2)	Hydrogen	1/91
6 Tanks			

Ten tanks (A-101, S-102, S-111, SX-103, SX-106, TX-118, TY-104, U-103, U-105, and U-107,) are on more than one Watch List

See footnotes next page

[6] From: Charles C III Scaief at ~WHC35 10/11/94 9:28AM (2176 bytes: 49 ln)
To: Pushpa K Bhatia at ~WHC352
cc: Charles C III Scaief, Carl P Schroeder
Subject: ~~Tmax~~ TMACS system schedule
--------- Forwarded with Changes ----------
From: Pushpa K Bhatia at ~WHC352 10/11/94 8:23AM (1476 bytes: 38 ln)
To: Charles C III Scaief at ~WHC35
Receipt Requested
Subject: Tmax system schedule
--------- TMACS Message Contents ----------

Farms that presently have TMACS are AN, BX, BY, C, T, one tank in TX, and TY. We are in construction in SY and U Farms. They will probably go on line before the end of this CY. We are just beginning construction in S and SX Farms. Expected completion date is 3/15/95. This will be followed by A and AX Farms (4/30/95) and AW Farm 9/15/95. This FY we will be doing design for AP, AY, AZ, and TX Farms. Plans are to install in these farms in FY96. B Farm will be in FY97.

Tanks TY-101, -103, and -104 and TX-118 (all ferrocyanide WL tanks) are presently connected to TMACS. I have no estimate of when the remaining tanks in TX Farm will be connected in FY96. I am also not sure when the remaining tanks in TY Farm will be connected, but if you have funding they could be added.

Chuck

[21] From: Dana C Langlois at ~WHC23 11/16/94 11:18AM (989 bytes: 22 ln)
To: Pushpa K Bhatia at ~WHC352
cc: Dana C Langlois
Subject: Farm Characterization
---------- Message Contents ----------

PUSHPA,

241-BX-108	NO 4" RISERS AVAILABLE / ONLY 1-12" RISER
241-B-112	NO 4" RISERS / 2-12" RISERS #2 & 7 ASBESTOS GASKETS
241-TY-106	ALL RISERS IN MIDDLE OF TANK
241-TX-104	TANK IS WEATHERIZED ALL ACCESS' ARE COVERED.
241-T-106	2-4"/2-12" RISERS, GREAT ACCESS, APPROX. 300' TO THE FENCE FOR CONTROL TRAILOR.
241-T-109	SAME AS ABOVE
241-T-112	2-4" ONE 12" GREAT ACCESS, APPROX. 300' FROM FENCE FOR THE CONTROL TRAILOR.

CALL IF YOU HAVE ANY OTHER QUESTIONS OR CC:MAIL
DANA LANGLOIS

MEETING

Date: January 19, 1995
Time: 10:00 AM-11:15 AM, 4706 Bldg. Rm 207

Subject: Decision to Select a Tank for LDUA System Hot Testing in a Single-Shell Tank

Name	Signature	Phone #	MSIN
Betty A. Carteret		376-9464	N1-21
Gary R. Kiebel			N1-21
Michael R. Koch			R1-49
Dana C. Langlois		373 5794	S7-01
John G. Propson		372-0455	S2-02
Todd J. Samuel			N1-21
George H. Smith			N1-21
Pushpa Bhatia		372-2224	S2-02
James R. Bjus			57-01

APPENDIX B.1

DATA TABLES:
SINGLE-SHELL TANKS

LIST OF TABLES

1 Single-Shell Tank Compiled Data Table A-1

2 Tank Waste and Vapor Space Temperature Data A-21

3 Category 1: Average Rating Between 2.13 and 2.25 (3 Single-Shell Tanks). A-29

4 Category 2: Average Rating of 2.0 (5 Single-Shell Tanks) A-30

5 Category 3: Average Rating of 1.88 (6 Single-Shell Tanks) A-31

6 Category 4: Average Rating of 1.75 (4 Single-Shell Tanks) A-32

7 Category 5: Average Rating of 1.63 (5 Single-Shell Tanks) A-33

Table 1. Single-Shell Tank Compiled Data Table.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Tank ID/ Waste Type	WLT	Diameter (ft.)	Assumed Leaker ---or--- Sound Tank	Tank Capacity/ (Kgal)	Amount Full	Retrieval Sequence	% Full	Riser Number and Size (in.)	Riser Location (N, S, E, W)	Radiation Survey/ Top of Tank (mr/hr)	Waste Surface Level/ Vapor Space Temperature (°F)	TMACS	Average Rating/ Tank	
241-A Farm (6 Tanks)/200E													6/8=0.75	
~~A-101 Sludge (S) & Saltcake (SC)~~ Rating	~~H~~	~~75~~ 1	~~SOUND~~ 0	~~1000/953~~ 2	~~>1/2~~	~~122~~ 0	~~95.3~~ 0	~~6/4 5/4 16/18~~ 0	~~E,Cent. N,Cent. E,Edge~~	~~15/5 50/5 10/4~~	~~115-117/ 104-106~~ 2	1	~~9/8=1.13~~	
A-102 S & SC Rating		75 1	SOUND 1	1000/41 2	<1/ 2	142 0	4.1 2	6/4 19/12 18/4 6	E,Cent. SW,Edge SW	10/5 10/7 20/15 10/5	90-94/ 87-92 2	1	16/8=2.0	
A-103 S Rating		75 1	ASMD LKR 2	1000/37 1 2	<1/ 2	116 0	37.1 0	6/4 12/12 17/4 5/4 5	East S,Cent. SE W,Cent	8/6 10/8 35/12	85-93/ 82-89 2	1	6/8=0.75	
A-104 S Rating		75 1	ASMD LKR 2	1000/28 2	<1/2	108 0	2.8 2	14/4 17/12 7/4 6/12 2	NE NW SE W,Cent.	25/6	187-196/ No vapor data 0	1	15/8=1.88	
A-105 S Rating		75 1	ASMD LKR 2	1000/19 2	<1/2	111 0	1.9 2	18/4 20/4 6/12 6	SW SW,Cent. W,Cent.	23/9 27/11 27/15 18/7	192-265/ 192-245 0	1	14/8=1.75	
A-106 S Rating		75 1	SOUND 1	1000/125 2	<1/2	135 0	12.5 1	6/4 17/12 18/4 7/4 6	E NW SW	15/8 20/10 26/20 25/10 17/10 10/7	103-119/ 99-107 2	1	14/8=1.75	

Table 1. Single-Shell Tank Compiled Data Table.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Tank ID/ Waste Type	WLT	Diameter (ft.)	Assumed Leaker ---or--- Sound Tank	Tank Capacity/ (Kgal)	Amount Full	Retrieval Sequence	% Full	Riser Number and Size (in.)	Riser Location (N, S, E, W)	Radiation Survey/ Top of Tank (mr/hr)	Waste Surface Level/ Vapor Space Temperature (°F)	TWRCs	Average Rating/ Tank	
241-AX Farm (4 Tanks)/200E														
AX-101 S & SC	4	75	SOUND	1000/748	>1/2	158	74.8	6/4 3A/4B 13C/4 0	W,Edge S,Cent. W,Cent.	12/8	105-107/ 107-93			
Rating		4	0	2		0	0				2	4	6/8=0.75	
AX-102 S & SC	0	75	ASMD LKR	1000/39	<1/2	147	3.9	3A/4B 7A/4 13C/4 1C/12 6	N,Cent. S W,Cent. SW	8/5 17/8	68-79/ 77-80			
Rating		4	0	2		0	2				2	4	14/8=1.75	
AX-103 S & SC	4	75	SOUND	1000/112	<1/2	150	11.2	13B/4 9E/6 3A/4B 9C/6 0	E,Cent. E,Edge S,Cent. W,Cent.	20/20 2.5/<20 12/6 170/40 10/3	94-97/ 92-96			
Rating		4	0	2		0	0				2	4	6/8=0.75	
AX-104 S		75	ASMD LKR	1000/2	<1/2	152	0.70	16B/4 16/4 13A/4 5A/12 9B/6 3A/14 6	SE,Edge SW,Edge S Cent. E,Cent. W	12/8	92-98/ 89-95			
Rating		1	2	2		0	2				2	1	16/8=2	
241-B Farm (16 Tanks)/200E														
B-101 S		75	ASMD LKR	530/113	<1/2	146	21.3	1/6 2/12 8/4 5	SE,Edge SE,Edge NW,Edge	15/6 70/30 25/15	104/ 104-89			
Rating		1	2	0		0	0				2	0	10/8=1.25	
B-102 S & SC		75	SOUND	530/32	<1/2	139	6.04	8/4 1/4 7/12 5	NW,Edge SE,Edge NW,Edge	35/25 7/4 3/2	56/ 59-80			
Rating		1	1	0		0	2				2	0	11/8=1.38	
B-103 S		75	ASMD LKR	530/59	<1/2	140	11.1	1/4 2/12 7/12 8/4 7	SE,Edge SE,Edge NW,Edge NW,Edge	2/1 6/3.5 <2/0.8 12/5	65-68/ 66-69			
Rating		1	0	0		0	4				2	0	11/8=1.38	
B-104 S & SC		75	SOUND	530/371	>1/2	128	70	7/12 4/4 5	NW,Edge SE,Edge	<2/<0.5 0.8/<0.5	62-67/ 62-66			
Rating		1	0	0		0	0				2	0	8/8=1	

Table 1. Single-Shell Tank Compiled Data Table.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Tank ID/ Waste Type	WLT	Diameter (ft.)	Assumed Leaker ---or--- Sound Tank	Tank Capacity/ (Kgal)	Amount Full	Retrieval Sequence	% Full	Riser Number and Size (in.)	Riser Location (N, S, E,W)	Radiation Survey/ Top of Tank (mr/hr)	Waste Surface Level/ Vapor Space Temperature (°F)	TNACS	Average Rating/ Tank	
B-105 S & SC		75	ASMD LKR	530/306---	>1/2	87---	57.7	3/12 6/12 7/12 8/4 6	SE,Edge NW,Edge NW,Edge NW,Edge	11/6 4.5/3.5	63-67/ 60-66			
Rating		1	2	0		0	0				2	0	11/8=1.38	
B-106 S		75	SOUND	530/117	<1/2	124	22.1	1/4 2/12 3/12 8/4 7	SE,Edge SE,Edge SE,Edge NW,Edge	5/2.5 3.5/1.5 1.2/0.8	62/ 59-64	0		
Rating		1	1	0		0	1				2		12/8=1.50	
B-107 S		75	ASMD LKR	530/165	<1/2	88	31.1	2/12 4/12 5/4 5	SE,Edge SE,Edge NW,Edge	1/0.6 1/<0.5	59-62/ 59-63	0		
Rating		1	2	0		0	0				2		10/8=1.25	
B-108 S		75	SOUND	530/94	<1/2	137	17.7	3/12 4/4 6/12 7/12 8/4 8	SE,Edge SE,Edge NW,Edge NW,Edge NW,Edge	1.2/0.8 1/0.6 1.5/1.0 1.3/0.7	61-118(?)/ 61-63			
Rating		1	1	0		0	1				2	0	13/8=1.63	
B-109 S		75	SOUND	530/127	<1/2	129	24.0	2/12 4/4 7/12 6	SE,Edge SE,Edge NW,Edge	2.8/1.8 1.3/0.8 4.5/2.5	60-63/ 59-62			
Rating		1	1	0		0	1				2	0	11/8=1.38	
B-110 S		75	ASMD LKR	530/246	<1/2	103	46.4	1/4 3/12 7/12 6	SE,Edge SE,Edge NW,Edge	1/<0.5 1.5/<0.5	62-71/ 62-72			
Rating		1	2	0		0	0				2	0	11/8=1.38	
B-111 S		75	ASMD LKR	530/257	<1/2	96	44.7	1/4 3/12 5/4 6/12	SE,Edge SE,Edge SE,Edge NW,Edge NW,Edge	10/5 3.5/<0.5 3.5/2	70-85/ 70-85			
Rating		1	2	0		0	0	2			2	0	12/8=1.50	
B-112 S		75	ASMD LKR	530/33	<1/2	102	6.23	2/12 3/12 4/4 7/12 8/5	SE,Edge SE,Edge SE,Edge NW,Edge NW,Edge	8/5 1.1/2 4/2 8/3.5 8/5	61-65/ 60-64			
Rating		1	2	0		0	2	8			2	0	15/8=1.88	

Table 1. Single-Shell Tank Compiled Data Table.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Tank ID/ Waste Type	WLT	Diameter (ft.)	Assumed Leaker ---or--- Sound Tank	Tank Capacity/ (Kgal)	Amount Full	Retrieval Sequence	X Full	Riser Number and Size (in.)	Riser Location (N, S, E, W)	Radiation Survey/ Top of Tank (mr/hr)	Waste Surface Level/ Vapor Space Temperature (°F)	TWACS	Average Rating/ Tank	
B-201		20	ASMD LKR	55/29	>1/2	114	52.7	2/12 6/12 7/12	SW,Edge E,Edge NE,Edge		58/ 56-61			
S								0			2	0	46/8=0.50	
Rating		0	2	0		0	0							
B-202		20	SOUND	55/27	<1/2	143	49.1	2/12 3/12 5/4 6/12	SE,Edge W,Edge E,Edge E,Edge		57-64/ 57-85			
S								6			2	0	9/8=1.13	
Rating		0	1	0		0	0							
B-203		20	ASMD LKR	55/51	>1/2	121	92.7	2/12 3/12 4/4 5/4 6/12	SE,Edge W,Edge W,Edge E,Edge E,edge		52-64/ 54-64			
S								8			2	0	12/8=1.50	
Rating			2	0		0	0							
B-204		20	ASMD LKR	55/50	>1/2	98	91.0	2/12 3/12 4/4 5/4 6/12	SW,Edge W,Edge W,Edge E,Edge E,Edge		55-64/ 55-64			
S								8			2	0	12/8=1.50	
Rating		0	2	0		0	0							
241-BX Farm (12 Tanks)/200E														
BX-101		75	ASMD LKR	530/43	<1/2	102	8.11	1/4 7/12	N SW,Edge	2.5/1.5 <0.5 28/20	74-75/ 74-76			
S								0			2	2	9/8=1.13	
Rating		1	2	0		0	2							
BX-102		75	ASMD LKR	530/96	<1/2	90	18.1	7/12	SW,Edge	4/3	69-74/ 70-74			
S								0			2	2	6/8=0.75	
Rating		1	0	0		0	1							
BX-103		75	SOUND	530/66	<1/2	123	12.5	2/12 7/12 8/4	SW,Edge NE NE	3.2/2 1/<0.5 3.5/2.5 30/15	72-73/ 70-75			
S								5			2	2	12/8=1.50	
Rating		1	1	0		0	1							
BX-104		75	SOUND	530/99	<1/2	115	18.7	1/4 7/12 8/4	S NE NE	<0.5 14/8 3/2	No access to T/C tree			
S								1			0	2	11/8=1.38	
Rating		1	1	0		0	1							
BX-105		75	SOUND	530/51	<1/2	127	9.6	1/4 2/12 8/4	S S NE	4.5/2 3.5/1.5 6/4.5	70-73/ 70-75			
S & SC								6			2	2	14/8=1.75	
Rating		1	1	0		0								

Table 1. Single-Shell Tank Compiled Data Table.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Tank ID/ Waste Type	WLT	Diameter (ft.)	Assumed Leaker --or-- Sound Tank	Tank Capacity/ (Kgal)	Amount Full	Retrieval Sequence	% Full	Riser Number and Size (in.)	Riser Location (N, S, E, W)	Radiation Survey/ Top of Tank (mr/hr)	Waste Surface Level/ Vapor Space Temperature (°F)	TMACS	Average Rating/ Tank	
BX-106 S	-1-	75---	-SOUND---	530/46---	<1/2	106-	8.7	2/12 5/4	S NE Edge	2.2/4.5 4/2 4/2 4.8/2.7 15/10	69-71/ 69-71		12/8=1.50	
Rating		1	0	0		0	2	5			2	2		
BX-107 S		75	SOUND	530/345--	>1/2	130-	65.1	1/4 2/12 3/12 5/4 6/12 7/12 8/4 9	S S SW NE NE NE N	1.4/0.8 1.4/0.8 15/4 1.8/1	67-71/ 69-72			
Rating		1	1	0		0	0				2	2	15/8=1.88	
BX-108 S		75	ASMD 1KR	530/26	<1/2	104	4.91	1/4 2/12 6/12 8/4 13/12 7	SW SW NE NE Cent.	10/4 7/4 1.5/0.8 1.5/1 2.5/1.5	70-71/ 70-74			
Rating		1	2	0		0	2				2	2	16/8=2	
BX-109 S		75	SOUND	530/193	<1/2	117	36.4	1/4 2/12 4/4 6/12 7/12 8/4 9	S S SW NE NE N	60/30	73-75/ 73-76			
Rating		1	1	0		0	0				2	2	15/8=1.88	
BX-110 S		75	ASMD 1KR	530/198	<1/2	96	37.4	3/12 6/12 4/4 5	SW NE SW Edge	2.5/1.5 <0.5/30 2.2/1.5	67-70/ 67-72			
Rating		1	2	0		0	0				2	2	12/8=1.50	
BX-111 S & SC		75	ASMD 1KR	530/211	<1/2	99	39.8	3/12 4/4 6/12 5	SW W NE	30/15 6/3.5 4.3/3	70-73/ 71-75			
Rating		1	2	0		0	0				2	2	12/8=1.50	
BX-112 S		75	SOUND	530/165	<1/2	109	31.1	4/4 7/12 8/4 ? ? 5	W NE N SW SW	20/6 1.5/0.8 4.8/2.8 1.5/0.8 1.5/0.8	66-68/ 66-70			
Rating		1	1	0		0	0				2	2	11/8=1.38	

Table 1. Single-Shell Tank Compiled Data Table.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Tank ID/ Waste Type	WLT	Diameter (ft.)	Assumed Leaker ---or--- Sound Tank	Tank Capacity/ (Kgal)	Amount Full	Retrieval Sequence	% Full	Riser Number and Size (in.)	Riser Location (N, S, E, W)	Radiation Survey/ Top of Tank (mr/hr)	Waste Surface Level/ Vapor Space Temperature (°F)	TMACS	Average Rating/ Tank	
241-BY Farm (12 Tanks)/200E														
BY-101 S & SC		75	SOUND	758/387---	>1/2	110---	51.1	10A/12	S	10/6 2/45 10/5 10/5	76-76/ 72-77			
Rating		1	1	4		0	0	0			2	2	7/8=0.88	
BY-102 SC		75	SOUND	758/341	<1/2	133	45.0	14/4 10A/12	N,Edge S,Edge	3.5/2.5 15/9 15/8 4.5/3	No access to T/C tree			
Rating		1	1	1		0	0	5			0	2	10/8=1.25	
BY-103 S-&-SC	-F-	75---	ASND-LKR	758/400---	>1/2	67---	53.0	10B/12 10B/4 12A/4 5	S,Edge S,Edge N,Edge	15/10 80/40 38/15	78-80/ 80-75			
Rating		1	0	4		0	0				2	2	11/8=1.38	
BY-104 S-&-SC	-F-	75---	-SOUND---	758/406---	>1/2	79---	53.6	10A/18	S,Edge	2.5/1.5 1/<0.5 10/7 3/1.5 10/6	86-112/ 113-85			
Rating		1	0	4		0	0	0			2	2	6/8=0.75	
BY-105 S-&-SC	-F-	75---	ASND-LKR	758/503---	>1/2	63---	66.4	12A/4 13A/4	N,Edge Cent-	28/6	96-87/ 87-96			
Rating		1	0	4		0	0	0			2	2	6/8=0.75	
BY-106 S-&-SC	-F-	75---	ASND-LKR	758/642---	>1/2	76---	84.7	4/4 10B/4 12B/12	N-Cent- S,Edge N,Edge	1/<0.5 43/25 27/19 50/43	117-89/ 90-89			
Rating		1	0	4		0	0	5			2	2	11/8=1.38	
BY-107 S-&-SC	-F-	75---	ASND-LKR	758/266---	<1/2	80---	35.0	3/4 5/12 8/12 11B/12 5	Cent- Cent- Cent- W	12/5 10/5	83-86/ 79-87			
Rating		1	0	4		0	0				2	2	11/8=1.38	
BY-108 S-&-SC	-F-	75---	ASND-LKR	758/228---	<1/2	72---	30.1	3/4 5/12 9B/12 12A/12 5	Cent- Cent- E,Edge N,Edge	10/4.5 11/6	86-89/ 84-90			
Rating		1	0	4		0	0				2	2	11/8=1.38	

Table 1. Single-Shell Tank Compiled Data Table.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Tank ID/ Waste Type	WLT	Diameter (ft.)	Assumed Leaker ---or--- Sound Tank	Tank Capacity/ (Kgal)	Amount Full	Retrieval Sequence	% Full	Riser Number and Size (in.)	Riser Location (N, S, E, W)	Radiation Survey/ Top of Tank (mr/hr)	Waste Surface Level/ Vapor Space Temperature (°F)	TWACS	Average Rating/ Tank	
BY-109 S & SC		75	SOUND	758/423	>1/2	119	55.8	4/4 9A/12 10A/12 10B/12 12C/12 5	N,Cent E,Edge S,Edge S,Edge N,Edge	450/70 60/30	No access to T/C tree			
Rating		1	1	4		0	0				0	2	10/8=1.25	
BY-110 S & SC	-4-	75	-SOUND-	758/398	>1/2	105	52.5	5/12 10B/18 10A/12 0	Cent. S,Edge S,Edge	1/6	86-109/ 83-102			
Rating		4	0	4		0	0				2	2	6/8=0.75	
BY-111 S & SC	-4-	75	-SOUND-	758/459	>1/2	91	60.5	4/4 5/4 12A/12 5	N,Cent E,Cent N,Edge	10/6 10/8 6/27	75-77/ 76-78			
Rating		4	0	4		0	0				2	2	11/8=1.38	
BY-112 S & SC	-4-	75	-SOUND-	758/291	<1/2	101	38.4	4/4 5/4 10B/12 18/4 20/4 24/4 6	E,Cent E,Cent S W,East SW,Cent NW,Cent	16/11 11/5 3-5/2 42.5	77-80/ 77-80			
Rating		4	0	4		0	0				2	2	12/8=1.50	
241-C Farm (16 Tanks)/200E														
C-101 S		75	ASND LKR	530/88	<1/2	38	16.6	1/6 7/12 8/4 6	SE N W		95-97/ 93-96			
Rating		1	2	0		0	1				2	2	16/8=1.75	
C-102 S	-0-	75	-SOUND-	530/423	>1/2	77	79.8	None			80-81/ 80/81			
Rating		4	0	0		0	0	0			2	2	5/8=0.63	
C-103 S	-0-	75	-SOUND-	530/495	<1/2	74	34.8	2/12	S,Edge		113-114/ 108-109			
Rating		4	0	0		0	0	0			0	2	3/8=0.38	
C-104 S		75	SOUND	530/295	>1/2	82	55.7	3/12 8/4	S NW	12/5 12/10	94-100/ 94-95			
Rating		1	1	0		0	0	5		120/30	2	2	11/8=1.38	
C-105 S		75	SOUND	530/150	<1/2	41	28.3	1/4 8/4 3/12	SE NW S,Edge	170/80 12/6	94-81/ 81-89			
Rating		1	1	0		0	0	5			2	2	11/8=1.38	

Table 1. Single-Shell Tank Compiled Data Table.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Tank ID/ Waste Type	WLT	Diameter (ft.)	Assumed Leaker ---or--- Sound Tank	Tank Capacity/ (Kgal)	Amount Full	Retrieval Sequence	% Full	Riser Number and Size (in.)	Riser Location (N, S, E, W)	Radiation Survey/ Top of Tank (mr/hr)	Waste Surface Level/ Vapor Space Temperature (°F)	TMACS	Average Rating/ Tank	
C-106	HHW	75	SOUND	530/229	<1/2	1	42.6	7#2	NW	80,470	83-124/			
S								3#2	S,Edge	130,490	77-79			
Rating		4	0	0		0	0	0			2	2	5#/8=0.63	
C-107		75	SOUND	530/275	>1/2	57	51.1	2#2	SE	3/2	117-126/			
S								4#	SW		118-114			
								7#2	NW					
								8#4	NW					
								3#2	S,Edge					
Rating		1	1	0		0	0	8			2	2	14/8=1.75	
C-108	FF	75	SOUND	530/466	<1/2	30	12.5	7#2	NW	10/7	77-90/			
S								3#2	SW	6/5	79-82			
								6#2	S,Edge					
Rating		1	0	0		0	1	0			2	2	6/8=0.75	
C-109	FF	75	SOUND	530/466	<1/2	34	12.5	2#2	SE	36/20	82-86/			
S								4#	SW		82-86			
								5#4	NE					
								6#2	NE					
								7#2	NW					
Rating		1	0	0		0	1	8			2	2	14/8=1.75	
C-110		75	ASMD LKR	530/387	<1/2	36	35.3	2#2	SE	10/1	71-72/			
S								3#2	SW		71-73			
								5#4	NE					
								7#2	NW					
Rating		1	2	0		0	0	6			2	2	13/8=1.63	
C-111	FF	75	ASMD LKR	530/57	<1/2	33	10.8	1#4	SE	12/8	78/			
S								3#2	SW	30/7	78-80			
								6#2	NE					
								7#2	NW					
Rating		4	0	0		0	4	6			2	2	12/8=1.50	
C-112	FF	75	SOUND	530/404	<1/2	27	19.6	2#2	SE	13/7	84-87/			
S								4#	SW	30/18	84-87			
								6#2	NE					
								7#2	NW					
Rating		4	0	0		0	4	6			2	2	12/8=1.50	
C-201		20	ASMD LKR	55/2	<1/2	43	3.6	7/12	E,Edge		66-67/			
S								8/4	E,Edge		66-67			
Rating		0	2	0		0	2	5			2	2	13/8=1.63	
C-202		20	ASMD LKR	55/1	<1/2	51	1.8	7/12	E,Edge		65-66/			
S								8/4	E,Edge		66-68			
Rating		0	2	0		0	2	5			2	2	13/8=1.63	

Table 1. Single-Shell Tank Compiled Data Table.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Tank ID/ Waste Type	WLT	Diameter (ft.)	Assumed Leaker ---or--- Sound Tank	Tank Capacity/ (Kgal)	Amount Full	Retrieval Sequence	% full	Riser Number and Size (in.)	Riser Location (N,S, E,W)	Radiation Survey/ Top of Tank (mr/hr)	Waste Surface Level/ Vapor Space Temperature (°F)	TMACS	Average Rating/ Tank	
C-203 S Rating		20 0	ASMD LKR 2	55/5 0	<1/2	54 0	9.1 2	7/12 8/4 5	E,Edge E,Edge		62-64/ 63-65 2	2	13/8=1.63	
C-204 S Rating		20 0	ASMD LKR 2	55/3 0	<1/2	52 0	5.45 2	7/12 8/4 5	NE,Edge NE,Edge		No access to T/C tree 0	2	11/8=1.38	
241-S Farm (12 Tanks)/200W														
S-101 S & SC Rating		75 1	SOUND 1	758/427 4	>1/2	100 0	56.3 0	4/4 6/12 16/4 6	N,Cent. S,Cent. SE	----- 12/8 70/50	105-106/ 82-89 2	4	12/8=1.50	
S-102 S & SC Rating	4.0	75 4	SOUND 0	758/549 4	>1/2	73 0	72.4 0	2/4 7/12 4/4 6	S,Cent. N,Cent. N,Cent.	----- 42/26 42/45 12/8	104-105/ 85-86 2	4	16/8=1.38	
S-103 S & SC Rating		75 1	SOUND 1	758/248 1	<1/2	134 0	32.7 0	8/12 14/4 5	N,Cent. NE,Edge	----- 60/50	63-73/ 71-76 2	1	11/8=1.38	
S-104 S Rating		75 1	ASMD LKR 2	758/294 1	<1/2	145 0	37.8 0	1/4 2/6 3/4 7/12 6	E,Cent. S,Cent. W,Cent. W,Cent.	-----1178 25/17 12/7 7/5 40/18 11/6	93-83/ 83-88 2	1	13/8=1.63	
S-105 S & SC Rating		75 1	SOUND 1	758/456 4	>1/2	118 0	60.2 0	2/4 3/4 8/12 16/4 7	S,Cent. W,Cent. N,Cent. SE	----- 3/4.5 11/9 2	65-70/ 65-70 2	1	13/8=1.63	
S-106 S & SC Rating		75 1	SOUND 1	758/479 4	>1/2	151 0	63.2 0	8/12 16/4	N,Cent. SE,Edge	----- 10/8 10/4 70/40 2	65-71/ 65-71 2	1	6/8=0.75	
S-107 S & SC Rating		75 1	SOUND 1	758/376 4	>1/2	148 0	49.6 0	2/4 6/12 16/4 6	S,Cent. S,Cent. SE	----- 5/3 6/4 30/22 2	80-98/ 80-84 2	1	12/8=1.50	

Table 1. Single-Shell Tank Compiled Data Table.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Tank ID/ Waste Type	WLT	Diameter (ft.)	Assumed Leaker ---or--- Sound Tank	Tank Capacity/ (Kgal)	Amount Full	Retrieval Sequence*	% Full	Riser Number and Size (in.)	Riser Location (N,S/ E,W)	Radiation Survey/ Top of Tank (mr/hr)	Waste Surface Level/ Vapor Space Temperature (°F)	TMACs	Average Rating/ Tank	
S-108 S & SC		75	SOUND	758/604---	>1/2	155---	79.7	3/4 7/12 14/4	W,Cent. W,Cent. NE,Edge	----- 42.6 20/15 6/3 2.5 11.3	72-77/ 73-57			
Rating		1	1	1		0	0	6			2	1	12/8=1.50	
S-109 S & SC		75	SOUND	758/568---	>1/2	138---	74.9	2/4 3/4 6/12	S,Cent. W,Cent. S,Cent.	----- 3.5/2.1 10/5 20/15 8/5	74/ 71-72			
Rating		1	1	1		0	0	6			2	1	12/8=1.50	
S-110 S & SC		75	SOUND	758/390---	>1/2	112---	51	3/4 7/12 16/4 6	W,Cent. W,Cent. SE	-----	76-109/ 76-108			
Rating		1	1	1		0	0	6			2	1	12/8=1.50	
S-111 S & SC	-H-	75---	-SOUND-	758/596---	>1/2	93---	79	2/4 8/12	S,Cent. N,Cent.	----- 45/30 25/15 10/5	77-81/ 80-81			
Rating		1	0	1		0	0	5			2	1	10/8=1.25	
S-112 S & SC	-H-	75---	-SOUND-	758/523---	>1/2	92---	69	2/4 3/4 6/12	S,Cent. W,Cent. S,Cent.	----- 15/8 3/1.5 10/5 24/17 11/5	77-78/ 73-74			
Rating		1	0	1		0	0	6			2	1	11/8=1.38	
241-SX Farm (15 Tanks)/200W														
SX-101 S & SC	-H-	75---	-SOUND-	1000/456---	<1/2	71---	46.0	4/4 10/12 11/8	N,Cent. W,Edge Cent.	----- 2.5/1.4 15/9 7/5 7/4.5 6/3 11/4	Failed T/Cls			
Rating		1	0	2		0	0	6			0	1	10/8=1.25	
SX-102 S & SC	-H-	75---	-SOUND-	1000/543---	>1/2	68---	54.3	4/4 8/12	N,Cent. N,Cent.	----- 15/10 9/5 4/2	121/ 100-120			
ing		1	0	2		0		5			2	1	11/8=1.38	

Table 1. Single-Shell Tank Compiled Data Table.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Tank ID/ Waste Type	WLI	Diameter (ft.)	Assumed Leaker --or-- Sound Tank	Tank Capacity/ (Kgal)	Amount Full	Retrieval Sequence	% Full	Riser Number and Size (in.)	Riser Location (N, S, E,W)	Radiation Survey/ Top of Tank (mr/hr)	Waste Surface Level/ Vapor Space Temperature (°F)	TMACS	Average Rating/ Tank	
SX-103 S-A-SC	-H-	75--	-SOUND-	1000/652-	>1/2	69--	65.2	3/4 7/12 16/4	W,Cent- Cent- SE,Edge	----- 4/3 3/2	Failed 7/Cle			
Rating		1	0	2		0	0	6			0	1	10/8=1.25	
SX-104 S-A-SC	-H-	75--	ASND-LKR	1000/614-	>1/2	58--	61.4	4/4 7/12 11/4	N,Cent- W,Cent- W,Edge	----- 100/40 4/2 2/1 70/27 1/1	122/ 120-95			
Rating		1	0	2		0	0	6			2	1	12/8=1.25	
SX-105 S-A-SC	-H-	75--	-SOUND-	1000/683-	>1/2	61--	68.3	3/4 4/4 6/12 11/4	W,Cent- N,Cent- S,Cent- W,Edge	----- 18/12 7/5 1.5/1.2 2.5/1.5 5/3 1/1	123-126/ 126-97			
Rating		1	0	2		0	0	6			2	1	12/8=1.50	
SX-106 S-A-SC	H- 0	75--	-SOUND-	1000/538-	>1/2	55--	53.8	6/12 7/12	S,Cent- W,Cent-	----- 14/10 4/2 1/2.5 2/2 14/9 7/4 40/10 2.3/1.6	102-99/ 98-83			
Rating		1	0	2		0	0	0			2	1	6/8=0.75	
SX-107 S	XHH L	75	ASND LKR	1000/104	<1/2	64	10.4	6/12 16/12 17/12	S,Cent SE,Cent SE,Cent	130/50 12/9 15/12 13/8	159/ 123-148			
Rating		1	2	2		0	0	0			1	1	7/8=0.88	
SX-108 S	XHH L	75	ASND LKR	1000/82	<1/2	66	8.7	7/12 17/12 16/12	W,Cent SE,Cent SW	80/38 10/6 7/5 9/7 10/2	168-176/ 139-176			
Rating		1	2	2		0	2	0			0	1	8/8=1	

Table 1. Single-Shell Tank Compiled Data Table.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Tank ID/ Waste Type	WLT	Diameter (ft.)	Assumed Leaker --or-- Sound Tank	Tank Capacity/ (Kgal)	Amount Full	Retrieval Sequence	% Full	Riser Number and Size (in.)	Riser Location (N, S, E, W)	Radiation Survey/ Top of Tank (mr/hr)	Waste Surface Level/ Vapor Space Temperature (°F)	TMACS	Average Rating/ Tank	
SX-109 SC	44	75	ASND LKR	1000/250	<1/2	62	25.0	16/12 17/12	SE Cent. SE Cent.	60/50 15/4 20/13 1/4 5/3	95/ data not available WLT 077		4.0+0.50	
Rating		4	0	2	0	0	0	0			4			
SX-110 S	XHH L	75	ASND LKR	1000/62	<1/2	75	6.2	17/12 16/12	SE Cent. SE Cent.	280/80 6/4 7/5 14/8 4.5/4 8/5 14-5 7/5	144-164/ 120-164			
Rating		1	2	2	0	0	2	0			0	1	8/8=1	
SX-111 S	XHH L	75	ASND LKR	1000/125	<1/2	65	12.5	16/12 17/12 6/12	SE Cent. SE Cent. S Cent.	160/40 13/10 3/2 5/5 13/10	163-167/ 130-161			
Rating		1	2	2	0	0	1	0			0	1	7/8=0.88	
SX-112 S	XHH L	75	ASND LKR	1000/92	<1/2	78	9.2	6/12 7/12 16/12 17/12	S Cent. W Cent. SE Cent. SE Cent.	250/60 3/2 1/2 17/10 8/5	140-163/ 124-135			
Rating		1	2	2	0	0	2	0			2	1	10/8=1.25	
SX-113 S		75	ASND LKR	1000/26	<1/2	81	2.6	6/12 7/12	S Cent. W Cent.	371-8 3/2.2 7/2	73/ 74-79			
Rating		1	2	2	0	0	2	0			2	1	10/8=1.25	
SX-114 S	XHH L	75	ASND LKR	1000/181	<1/2	70	18.1	17/12 7/12	SE Cent. W Cent.	12/6 13/6 5/3 190/90 17-15 20/15	53-58/ 130-137			
Rating		1	2	2	0	0	1	0			1	1	8/8=1	

Table 1. Single-Shell Tank Compiled Data Table.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Tank ID/ Waste Type	WLT	Diameter (ft.)	Assumed Leaker ---or--- Sound Tank	Tank Capacity/ (Kgal)	Amount Full	Retrieval Sequence	% Full	Riser Number and Size (in.)	Riser Location (N, S, E, W)	Radiation Survey/ Top of Tank (mr/hr)	Waste Surface Level/ Vapor Space Temperature (°F)	TMACS	Average Rating/ Tank	
SX-115 S		75	ASMD LKR	1000/12	<1/2	85	1.2	3/4 6/12 7/12	W,Cent. S,Cent. SW,Cent.	----- 7/4 1/4.5	No access to T/C tree	1	1+/8=1.75	
Rating		1	2	2		0	2	6			0			
241-T Farm (16 Tanks)/200W														
T-101 S		75	ASMD LKR	530/102	<1/2	144	19.2	2/12 7/12	NE SW	3/2 1 1/2 18/10 16/10	70-71/ 73-74	2	8/8=1	
Rating		1	2	0		0	1	0			2			
T-102 S		75	SOUND	530/32	<1/2	156	6.1	1/4 2/12 8/4	NE NE SW	3/2 1 2/1 14/8 3/1 11/7	No access to T/C tree	2	12/8=1.50	
Rating		1	1	0		0	2	6			0			
T-103 S		75	ASMD LKR	530/27	<1/2	83	5.1	1/4 2/12 7/12	NE NE SE	----- 3/1 2 2/1 14/10 10/16	67-68/ 68-69	2	15/8=1.88	
Rating		1	2	0		0	2	6			2			
T-104 S		75	SOUND	530/445---	>1/2	157-	84.0	3/12 6/12 8/4	NE SW	-----	66-70/ 69-72	2	12/8=1.50	
Rating		1	1	0		0	0	6			2			
T-105 S		75	SOUND	530/98	<1/2	141	18.5	1/4 2/12 5/4 3/12 7	NE NE SW NE,Edge	-----15/2 25/1	No access to T/C tree	2	12/8=1.50	
Rating		1	1	0		0	1				0			
T-106 S		75	ASMD LKR	530/21	<1/2	89	4.0	1/4 13/12 3/12 1/4 5/4 6/12 7/12	NE,Cent. NE NE SW SW SW	----- 4/1 1	67-68/ 67-71	2	18/8=2.25	
Rating		1	2	0		0	2	9			2			

Table 1. Single-Shell Tank Compiled Data Table.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Tank ID/ Waste Type	WLT	Diameter (ft.)	Assumed Leaker --or-- Sound Tank	Tank Capacity/ (Kgal.)	Amount Full	Retrieval Sequence*	% Full	Riser Number and Size (in.)	Riser Location (N, S, E, W)	Radiation Survey/ Top of Tank (mr/hr)	Waste Surface Level/ Vapor Space Temperature (°F)	TMACS	Average Rating/ Tank	
T-107 S	4	75	ASMD-LKR	530/180	<1/2	97	34.0	8/4 2/12 3/12 5/4 6/12 8	SW NE,Edge NE,Edge SW,Edge SW,Edge	---- 1 4/4 4	65-70/ 68-73 2	2	11/8=1.38	
Rating	4	0	0	0		0	0							
T-108 S		75	ASMD-LKR	530/44	<1/2	95	8.30	1/4 1/12 6/4 9/4 6/12 7/12 9	NE NE SW SW,Edge SW,Edge SW,Edge	---- 20/4 2/1 3/1	69-70/ 66-71 2	2	18/8=2.25	
Rating	1	0	2	0		0	2							
T-109 S		75	ASMD-LKR	530/58	<1/2	86	11.0	1/4 3/12 4/4 2/12 5/4 6/12 7/12 9	NE NE NE NE,Edge SW,Edge SW,Edge SW,Edge	---- 2/1	67/ 66-72 2	2	17/8=2.13	
Rating	1	0	2	0		0	1							
T-110 S	4	75	SOUND	530/379	>1/2	131	71.5	1/4 6/12 2/12 6	NE SW NE,Edge	-----	65-69/ 66-74 2	2	11/8=1.38	
Rating	4	0	0	0		0	0							
T-111 S	0	75	ASMD-LKR	530/456	>1/2	84	86.1	2/12 3/12 4/4 6/12 6	NE NE NE SW,Edge	-----	62-69/ 66-72 2	2	11/8=1.38	
Rating	4	0	0	0		0	0							
T-112 S		75	SOUND	530/67	<1/2	154	12.5	1/4 2/12 4/4 6/12 5/4 8	NE NE NE SW SW,Edge	-----2/1 1 2/1 3/2	66-67/ 66-71 2	2	15/8=1.88	
Rating	1	1	1	0		0	1							
T-201 S		20	SOUND	55/29	>1/2	153	52.7	3/12 6/12 7/12 0	S N NW	-----	67-69/ 66-70 2	2	5/8=0.63	
Rating	0	1	0	0		0	0							
T-202 S		20	SOUND	55/21	<1/2	149	38.2	3/12 6/12 7/12 0	S N SW	-----	63-66/ 65-72 2	2	4/8=0.50	
Rating	0	0	0	0		0								

Table 1. Single-Shell Tank Compiled Data Table.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Tank ID/ Waste Type	WLT	Diameter (ft.)	Assumed Leaker ---or--- Sound Tank	Tank Capacity/ (Kgal)	Amount Full	Retrieval Sequence	% Full	Riser Number and Size (in.)	Riser Location (N, S, E,W)	Radiation Survey/ Top of Tank (mr/hr)	Waste Surface Level/ Vapor Space Temperature (°F)	TMACS	Average Rating/ Tank	
T-203 S		20	SOUND	55/35	>1/2	136	63.7	6/12 7/12	N NW	-----	64-70/ 64-68			
Rating		0	1	0		0	0	0			2	2	5/8=0.63	
T-204 S		20	SOUND	55/38	>1/2	159	69.1	6/12 7/12	N NW	-----	64-67/ 66-69			
Rating		0	1	0		0	0	0			2	2	5/8=0.63	
241-TX farm (18 Tanks)/200W														
TX-101 S		75	SOUND	758/87	<1/2	23	11.5	4/4 8/4 12B/12	N,Cent. Cent. N	20/13 19/9	No access to T/C tree			
Rating		1	1	1		2	1	6			0	0	12/8=1.50	
TX-102 SC		75	SOUND	758/217	<1/2	17	28.6	9A/18 13A/12	E Cent.	----- 5/4 24/15 7/5 80/60 60/40	No access to T/C tree			
Rating		1	1	1		2	0	0			0	0	5/8=0.63	
TX-103 S		75	SOUND	758/157	<1/2	22	20.7	8/4 9A/4 13A/12	N,Cent. E,Cent.	----- 33/15 15/10 22/15	69-90/ 68-90			
Rating		1	1	1		2	1	6			2	0	14/8=1.75	
TX-104 SC		75	SOUND	758/65	<1/2	16	8.58	8/4 9A/4 13A/12	N,Cent. E,Cent.	----- 15/10 20/10 16/13	60-64/ 60-64			
Rating		1	1	1		2	2	6			2	0	15/8=1.88	
TX-105 SC		75	ASMD-LKR	758/409	>1/2	15	80.4	10A/4 12A/4 13A/12 11A/4	S N Cent- W	18/14 15/13 22/14 6/4 5/3	82-87/ 87-74			
Rating		1	0	1		0	0	6			2	0	10/8=1.25	
TX-106 SC		75	SOUND	758/453	>1/2	11	59.8	9A/4 10A/4 12A/4 13A/12	E S N Cent-	23/20 25/20	73-74/ 68-70			
Rating		1	1	1		2	0	6			2	0	13/8=1.63	

Table 1. Single-Shell Tank Compiled Data Table.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Tank ID/ Waste Type	WLT	Diameter (ft.)	Assumed Leaker ---or--- Sound Tank	Tank Capacity/ (Kgal)	Amount Full	Retrieval Sequence	% Full	Riser Number and Size (in.)	Riser Location (N,S; E,W)	Radiation Survey/ Top of Tank (mr/hr)	Waste Surface Level/ Vapor Space Temperature (°F)	TWACS	Average Rating/ Tank	
TX-107 SC		75	ASMD LKR	758/336	1/3	*	4.8	8/4 9A/4 10B/12 11A/4 6	N,Cent. E,Edge S W	30/15 13/11 12/6	69-69/ 66-70	0	16/8=2	
Rating		1	2	1	0	0	0				2			
TX-108 SC		75	SOUND	758/134	<1/2	12	17.7	8/4 11A/4 11B/12 6	N,Cent. W W	10/6 3/2	59-67/ 61-81	2	16/8=2	
Rating		1	1	1		2	1				2			
TX-109 SC		75	SOUND	758/384---	>1/2	14---	50.7	5/12 7/12 12A/4 10A/4 7	Cent. Cent. N,Edge S,Edge	10/7 10/7 9/6	80-102/ 77-102	2	16/8=2	
Rating		1	1	4		2	0				2			
TX-110 SC		75	ASMD LKR	758/462---	>1/2	21---	61.0	1/4 5/12 10A/4 12A/4 4/4 6	E,Cent. Cent. S N,Edge N,Cent.	17/14 5/13.5 3/2 4/2 15/9	No access to T/C tree	0	12/8=1.50	
Rating		1	2	4		2	0				0			
TX-111 SC		75	SOUND	758/370	<1/2	18	48.8	5/12 7/12 9B/4 10A/4 12A/4 4/4 8	Cent. S,Cent. E,Edge S N,Edge N,Cent.	----- 5/3 3/1 2.5/1.5 6/4	69-73/ 67-72	0	15/8=1.88	
Rating		1	1	1		2	0				2			
TX-112 SC		75	SOUND	758/649---	>1/2	10---	85.6	1/4 5/12 10A/4 13B/4 6	N,Cent. Cent. S Cent.	----- 10/8 4/2 15/13 15/11 6/3.5	80-63/ 63-80	0	13/8=1.63	
Rating		1	1	4		2	0				2			
TX-113 SC		75	ASMD LKR	758/607---	>1/2	37---	80.1	5/12 7/12 9A/4 6	Cent. Cent. E,Edge	----- 4.5/0.5	63-74/ 63-74	0	14/8=1.75	
Rating		1	2	4		2	0				2			
TX-114 SC		75	ASMD LKR	758/535---	>1/2	25---	70.7	1/4 3/4 5/12 13A/4 6	E,Cent. S,Cent. Cent. Cent.	----11/8 37/25 4.5/3.5	No access to T/C tree	0	12/8=1.50	
Rating		1	2	4		2	0				0			

Table 1. Single-Shell Tank Compiled Data Table.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Tank ID/ Waste Type	WLT	Diameter (ft.)	Assumed Leaker ---or--- Sound Tank	Tank Capacity/ (Kgal)	Amount Full	Retrieval Sequence	% Full	Riser Number and Size (in.)	Riser Location (N, S, E,W)	Radiation Survey/ Top of Tank (mr/hr)	Waste Surface Level/ Vapor Space Temperature (°F)	TMACS	Average Rating/ Tank	
TX-115 SC Rating		75 1	ASMD LKR 2	758/640-- 0	>1/2	40-- 2	84.4 0	8/4 10A/4 12B/18 0	N.Cent S N	----- 13/10 3.7/2.3 11/7 6/4 3/3	62-70/ 61-70 2	0	7/8=0.88	
TX-116 SC Rating		75 1	ASMD LKR 2	758/631-- 1	>1/2	42-- 0	83.3 0	5/12 9B/18 10A/4 0	Cent. E,Edge S	-----9/7 1.3/1.5 9/4	No access to T/C tree 0	0	4/8=0.50	
TX-117 SC Rating		75 1	ASMD LKR 2	758/626-- 1	>1/2	32-- 2	82.6 0	1/4 5/12 10A/4 6	E,Cent. Cent. S	16/13 5/3 8/4 11/4 5/31	No access to T/C tree 0	0	12/8=1.50	
TX-118----- SC Rating	F, 0 1	75-- 1	-SOUND-- 0	758/347-- 1	<1/2	5--- 0	45.8 0	11B/12 7/12 4/4 9a/4 9B/12 10A/4 10B/12 9	W Cent. N,Cent. E,Edge E,Edge S,Edge S,Edge	24/16, 9/5, 5/4, 9/5, 5/2, 6/4, 10/7, 6/4	73-76/ 70-77 2	2	15/8=1.88	
241-TY Farm (6 Tanks)/200W														
TY-101----- S Rating	-F- 1	75-- 1	ASMD LKR 0	758/118-- 1	<1/2	132- 0	15.8 1	1/4 3/4 5/12 7/12 10A/4 13A/12 9	E,Cent. W,Cent E,Cent. W,Cent S	----- 15/12 10/8 8/4 70/60 35/24 8/5	66-69/ 67-72 2	2	16/8=2	
TY-102 SC Rating		75 1	SOUND 1	758/64 1	<1/2	160 0	8.5 2	1/4 3/4 5/12 6	E,Cent. W,Cent. E,Cent.	----- 6/4 2/1 29/25 14/12	59-60/ 59-61 2	0	13/8=1.63	

Table 1. Single-Shell Tank Compiled Data Table.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Tank ID/ Waste Type	WLT	Diameter (ft.)	Assumed Leaker ---or--- Sound Tank	Tank Capacity/ (Kgal)	Amount Full	Retrieval Sequence	% Full	Riser Number and Size (in.)	Riser Location (N, S, E,W)	Radiation Survey/ Top of Tank (mr/hr)	Waste Surface Level/ Vapor Space Temperature (°F)	TMACS	Average Rating/ Tank	
TY-103 S	-F-	75	ASMD LKR	758/462	<1/2	113	21.4	1/4 2/4 7/12 8/12	E,Cent. S,Cent. W,Cent. N,Cent.	----- 1.5/4 13/5 21/11 2.6/2.4 2/4 5/4 4.5/2.5	69-74/ 68-73			
Rating		1	0	1		0	1	7			2	2	1.4/8=1.75	
TY-104 S	-F-	75	ASMD LKR	758/446	<1/2	120	6.01	1/4 3/4 5/12 7/12 11/12 15/4 9	E,Cent. W,Cent. E,Cent. W,Cent. SE,Edge SE,Edge	----- 8/4 5/3 7/5 6/4	67-68/ 67-72			
Rating		1	0	1		0	2				2	2	1.7/8=2.13	
TY-105 S		75	ASMD LKR	758/231	<1/2	125	30.5	6/12 8/12 4/4	S,Cent. N,Cent. N,Cent.	----- 4/1 10/7 6/4 2/3	66-71/ 66-70			
Rating		1	2	1		0	0	8			3	0	12/8=1.5	
TY-106 S		75	ASMD LKR	758/17	<1/2	126	2.24	1/4 3/4 7/12 5/12 6/12	E,Cent. N,Cent. W,Cent. E,Cent. S,Cent.	----- 3.5/2.7 2.5/2.0 8/6 10/5	58-61/ 58-62			
Rating		1	2	1		0	2	8			3	0	16/8=2	
241-U Farm (16 tanks)/200W														
U-101 S		75	ASMD LKR	530/25	<1/2	45	4.18	1/4 7/12	NE SW	----- 3/2 25/15 12/5.5 35/26	61-63/ 56-67			
Rating		1	2	0		0	2	5			2	1	13/8=1.63	
U-102 S & SC		75	SOUND	530/374	>1/2	46	70.6	7/12 8/4 9/4	WSW SW E	----- 3/2.5 2.8/1.5 5/3 1.5	79-80/ 68-77			
Rating		1	1	0		0	0	6			2	1	11/8=1.38	

Table 1. Single-Shell Tank Compiled Data Table.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Tank ID/ Waste Type	W.T.	Diameter (ft.)	Assumed Leaker -or- Sound Tank	Tank Capacity/ (Kgal)	Amount Full	Retrieval Sequence	% Full	Riser Number and Size (in.)	Riser Location (N, S, E, W)	Radiation Survey/ Top of Tank (mr/hr)	Waste Surface Level/ Vapor Space Temperature (°F)	TMACS	Average Rating/ Tank	
U-103 S-2-SC	4	75	SOUND	530/448	>1/2	26	88.3	2/12	NE,Edge	----- 1127 1410 2842.6 2419 2718 1.5	81-84/ 81-84	1	4/8=0.50	
Rating		1	0	0		0	0	0		2	2			
U-104 S		75	ASMD LKR	530/322	<1/2	50	23.0	1/6 10/12 8/6	NE NE SW	30/12 2.5/1	No access to T/C free			
Rating		1	2	0		0	0	0		0	0	1	10/8=1.25	
U-105 S-2-SC	4	75	SOUND	530/448	>1/2	24	78.9	7/12	SW	----- 1311 1726 1.9 10/8 42.5	83-84/ 82-84			
Rating		1	0	0		0	0	0		2	2	1	4/8=0.50	
U-106 S-2-SC	0	75	SOUND	530/226	<1/2	31	42.7	1/4 2/12 7/12	NW NE,Edge SW,Edge	----- 13/8 1.5 41/30 10/8 27/20 1.8/1.5	78-81/ 78-81			
Rating		1	0	0		0	0	6		2	2	1	10/8=1.25	
U-107 S-2-SC	0 4	75	SOUND	530/406	>1/2	28	77.6	7/12 2/12 9/4	SW NE,Edge E,Edge	----- 70/45 47/33 11/6	77-78/ 76-78			
Rating		1	0	0		0	0	6		2	2	1	10/8=1.25	
U-108 S-2-SC	4	75	SOUND	530/468	>1/2	35	88.3	7/12 8/4 2/12	SW SW NE,Edge	----- 8/5 15/12 25/15 11/6 4/2	82-83/ 81-82			
Rating		1	0	0			0	6		2	2	1	10/8=1.25	

Table 1. Single-Shell Tank Compiled Data Table.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Tank ID/ Waste Type	WLT	Diameter (ft.)	Assumed Leaker --or-- Sound Tank	Tank Capacity/ (Kgal)	Amount Full	Retrieval Sequence	% Full	Riser Number and Size (in.)	Riser Location (N, S, E, W)	Radiation Survey/ Top of Tank (mr/hr)	Waste Surface Level/ Vapor Space Temperature (°F)	TMACS	Average Rating/ Tank	
U-109 S-&-SC	-4-	75	-SOUND-	530/463	>1/2	39	87.4	7/12 2/12	SW NE,Edge	---- 8/5 28/10 1/.5 21/15 10/6 18/15 2/1.5	80-82/ 80-84			
Rating		4	0	0		0	0	0			2	1	4/8=0.50	
U-110 S		75	ASMD LKR	530/366	<1/2	67	35.1	2/12 8/1 9/4 17/6	NE SW E S,Edge	1.2/.5 6/3	73-76/ 78-67			
Rating		1	2	0		0	0	0			2	1	12/8=1.50	
U-111 S-&-SC	-0-	75	-SOUND-	530/329	>1/2	49	62.0	8/4 10/4 7/12 3/12	SW S SW,Edge NE,Edge SW,Edge NE,Edge	---- 5/3 2.5/1.6 70/50 15/10 5/3	79-80/ 79-80			
Rating		1	0	0		0	0	7			2	1	11/8=1.38	
U-112 S		75	ASMD LKR	530/49	<1/2	48	9.25	1/4 3/12 6/12 7/12	NE,Edge NE,Edge SW,Edge SW,Edge	---- 1.8/1.2 2.5/1.6	60-82/ 60-84			
Rating		1	2	0		0	2	6			2	1	14/8=1.75	
U-201 S		20	SOUND	55/5	<1/2	53	9.1	6/4 8/4	N,Edge NW,Edge	----- 1.5/1 3/2	62-63/ 60-64			
Ranking		0	1	0		0	2	0			2	1	6/8=0.75	
U-202 S Rating		20 0	SOUND 1	55/5 0	<1/2	59 0	9.1 2	6/12 8/4 5	N,Edge NW,Edge	----- 2.5/1.5	60-62/ 58-62 2	1	11/8=1.38	
U-203 S Rating	-0-	20 0	-SOUND- 0	55/3 0	<1/2	54 0	5.45	6/12 8/4 5	N,Edge NW,Edge	---- 1.5/.6	62-65/ 56-68 2	1	10/8=1.25	
U-204 S Rating	-0-	20 0	-SOUND- 0	55/3 0	<1/2	60 0	5.45	6/12 8/4 5	N,Edge NW,Edge	----	62-66/ 55-68 2	1	10/8=1.25	

*Retrieval sequence as of August 23, 1994.

Table 2. Tank Waste and Vapor Space Temperature Data.

1	2	3	4	5	6	7	8	9	10	11	12
Tank ID	Riser Number	TMACS	Waste Surface Level (in.)	Waste Surface Level Temp. (°F)	Waste Surface Level T/C No.	Waste Surface Temp. at Height (in.)	Vapor Temp. (°F)	Vapor Temp. at Height (in.)	Vapor Temp. T/C No.	Rating Vapor Temp. < 150 °F	Rating TMACS System "yes"
A-101	12	no	342.25	115-117	15	340	104-106	364-460	16, 18	2	1
A-102	7	no	16.5	90-94	1	24	87-92	24-460	2, 18	2	1
A-103	15	no	137.4	85-93	6-7	124-148	82-89	148-460	7, 18	2	1
A-104	12 18	no no	2.0	187-191 189-196		? ?				0 0	1 1
A-105	1	no	13.75	192-245	?	?	192-245		?	0	1
A-106	14	no	46.50	103-119	2-3	35-59	99-107	59-467	3, 18	2	1
AX-101	9B	no	274	105-107	12	280	107-93	280-472	12, 18	2	1
AX-102	9C	no	9.25	68-79	1	13	77-80	37-373	2, 16	2	1
AX-103	13C	no	41.0	94-97	3	50	92-96	50-365	3, 6	2	1
AX-104	9C	no	4.0	92-98	1	13	89-95	37-373	2, 16	2	1
B-101	9	no	35.50	104	2	40	104-89	40-304	2, 11	2	0
B-102	4	no	7.2	56	2	62-65	59-80	32-296	1, 12	2	0
B-103	4	no	17.4	65-68	1	32	66-69	32-296	1, 12	2	0
B-104	5	no	132.0	62-67	5-6	128-151	62-66	151-272	6, 11	2	0
B-105	15	no	42.0	63-67	1-2	32-56	60-66	56-272	2, 11	2	0
B-106	4	no	39.20	62	1-2	32-56	59-64	56-296	2, 12	2	0
B-107	3	no	55.00	59062	3-4	80-104	59-63	56-296	2, 12	2	0
B-108	5	no	30.30	61-118?	1	32	61-63	80-296	2, 12	2	0
B-109	1	no	41.50	60-63	102	32-56	59-62	56-296	2, 12	2	0
B-110	8	no	85.75	62-71	5	128	62-72	128-272	5, 11	2	0
B-111	8	no	84.40	70-85	3-4	80-104	70-85	104-296	4, 12	2	0
B-112	1	no	7.7	61-65	1	32	60-64	80-296	3, 12	2	0
B-201	1	no	152	58	6	152	56-61	176-272	7, 11	2	0
B-202	1	no	145	57-64	5-6	128-152	57-85	152-296	6, 12	2	0
B-203	1	no	260	52-61	10-11	248-272	54-61	272	11	2	0

Table 2. Tank Waste and Vapor Space Temperature Data.

1	2	3	4	5	6	7	8	9	10	11	12
Tank ID	Riser Number	TMACS	Waste Surface Level (in.)	Waste Surface Level Temp. (°F)	Waste Surface Level T/C No.	Waste Surface Temp. at Height (in.)	Vapor Temp. (°F)	Vapor Temp. at Height (in.)	Vapor Temp. T/C No.	Rating Vapor Temp. < 150 °F	Rating TMACS System "yes"
B-204	1	no	256	55-61	10-11	248-272	55-61	272	11	2	0
BX-101	2	yes	12	74-75	1	14	74-76	38-254	2, 11	2	2
BX-102	8	yes	27.25	69-71	1-2	24-48	70-74	48-264	2, 11	2	2
BX-103	1	yes	20.5	72-73	1	24	70-75	48-264	2, 11	2	2
BX-104											
BX-105	7	yes	25.80	70-73	1-2	24-48	70-75	48-264	2, 11	2	2
BX-106	7 1	yes yes	12.20 12.20	69-71 69-70	1 1	16 16	69-71 69-71	16-264 16-264	1, 11	2	2
BX-107	4	yes	123.0	67-71	5-6	120-144	69-72	144-264	6, 11	2	2
BX-108	5	yes	4.0	70-71	1	24	70-74	24-264	2, 11	2	2
BX-109 BX-109	3 5	yes yes	65.40 65.40	73-75 73-75	3-4 3-4	62-86 62-86	73-76 73-76	86-302 86-302	4, 11 4, 11	2	2
BX-110	1	yes	67.00	67-70	3-4	64-88	67-72	88-256	4, 11	2	2
BX-111	1	yes	64.25	70-73	3-4	62-86	71-75	86-254	4, 11	2	2
BX-112	1	yes	54.50	66-68	2-3	48-72	66-70	72-264	4, 11	2	2
BY-101	1	yes	147.00	76-76	7	150	72-77	150-366	7, 14	2	2
BY-102											
BY-103	1	yes	147.50	78-80	7	148	80-75	172-364	8, 14	2	2
BY-104	1 10B	yes yes	128.50	112-113 86	5 5	102 124	113-85 86-85	102-290 124-290	5, 6 5, 6	2 2	2 2
BY-105	10C 1	yes yes	166.5	96-87 94-88	5-6 7-8	166.5 148-172	96-87 87-89	166-296 172-268	5, 6 8, 12	2 2	2 2
BY-106	1	yes	243.5	117-89	5-6	104-296	90-89	296	6	2	2
BY-107	1	yes	103.00	83-86	5	102	79-87	126-366	6, 14	2	2
BY-108	8	yes	87.50	86-89	4-5	78-102	84-90	102-222	5, 10	2	2
BY-109											
BY-110	1 10A	yes yes	98.75 162.50	109-102 91-86	4-5 4-5	82-106 88-124	83-102 83-86	106-298 106-298	5-6 5-6	2 2	2 2

Table 2. Tank Waste and Vapor Space Temperature Data.

1	2	3	4	5	6	7	8	9	10	11	12
Tank ID	Riser Number	TMACS	Waste Surface Level (in.)	Waste Surface Level Temp. (°F)	Waste Surface Level T/C No.	Waste Surface Temp. at Height (in.)	Vapor Temp. (°F)	Vapor Temp. at Height (in.)	Vapor Temp. T/C No.	Rating Vapor Temp. < 150 °F	Rating TMACS System "yes"
BY-111	1 14	no yes	162.50	75-77	4-5	156-204	76-78	204-336	5-6	2	2
BY-112	15 2	no low yes	113.25 113.25	77-80	5-6	104-292	77-80	104-292	5-6	2	2
C-101	2	yes	25	95-97	1-2	16-40	95-96	40-184	2, 8	2	2
C-102	7	yes	148.70	80-81	6-7	136-160	80-81	160-184	7, 8	2	2
C-103	1	yes	67.00	113-114	3	62	108-109	192	6	2	2
C-104	7	yes	87.50	94-100	3-6	64-136	94-95	138-184	6, 8	2	2
C-105	1	yes	44.70	94-81	2-3	38-62	81-89	62-192	3, 6	2	2
C-106	8 14	yes yes	75.70	91-122 124-83	3-4 3-4	62-86 64-88	97-79 97-77	86-192 88-184	4, 6 4, 6	2 2	2 2
C-107	5	yes	92.80	117-126	4-5	86-110	118-114	110-192	5, 6	2	2
C-108	5 1	yes yes	19.50 19.50	77-80 78-80	1-2 2	18-42 19	78-80 79-82	42-306 23-123	4, 6 4, 6	2 2	2 2
C-109	8 3	yes yes	18.0 18.0	84-86 82-85	1-2 1	17-41 18	86-81 82-85	41-305 41-185	2, 11 2, 10	2 2	2 2
C-110	8	yes	64.25	71-72	3	64	71.74 73-74 74-75	64-88 88-160 160-256	3, 4 4, 7 7, 10	2	2
C-111	5	yes	16.50	78	1	29	78-80	29-221	1, 9	2	2
C-112	1 8	yes yes	31.50	84-86 86-87	1-3 3	20-68 38	84-86 82-87	68-188 38-188	3, 8 3, 10	2 2	2 2
C-201	6	yes	12.00	66-67	1	16	66-67	16-184	2, 8	2	2
C-202	6	yes	6.5	65-66	1	16	66-68	16-184	2, 8	2	2
C-203	6	yes	19.00	62-64	1-2	16-40	63-65	40-184	2, 8	2	2
C-204											
S-101	14	no	162.3	105-106	5	109	82-89	301	6	2	1
S-102	3	no	204.8	104-105	5	100	85-86	288	6	2	1
S-103	4	no	105.47	63-73	5	101	71-76	293	6	2	1

Table 2. Tank Waste and Vapor Space Temperature Data.

1	2	3	4	5	6	7	8	9	10	11	12
Tank ID	Riser Number	TMACS	Waste Surface Level (in.)	Waste Surface Level Temp. (°F)	Waste Surface Level T/C No.	Waste Surface Temp. at Height (in.)	Vapor Temp. (°F)	Vapor Temp. at Height (in.)	Vapor Temp. T/C No.	Rating Vapor Temp. < 150 °F	Rating TMACS System "yes"
S-104	4	no	112.25	93-83	5-6	102-126	83-88 83-87	126 246	6 11	2 2	1 1
S-105	4	no	158.00	65-70	7-8	151-175	65-70	199-367	9, 14	2	1
S-106	2	no	178.53	65-71	8-9	174-198	65-71	198-366	9, 14	2	1
S-107	4	no	144.87	93-98 80-84	5 6	101 293	80-84	293	6	2	1
S-108	4	no	171.8	72-77	8	173	73-57	197-365	9, 14	2	1
S-109	4	no	173.0	74	8	174	71-72	198-366	9, 14	2	1
S-110	4	no	149.0	104-109 76-108	5 6	101 293	76-108	293	6	2	1
S-111	4	no	203.71	77-81	9-10	196-220	80-81	220-364	10, 14	2	1
S-112	4	no	197.00	77-78	9	196	73-74	220-268	9, 12	2	1
SX-101	15	no	172.0	Failed T/C's							1
SX-102	16	no	196.0	121	5-6	100-366	100-120°F	196-366	5, 6	2	1
SX-103	2	no	241.0	Failed T/C's							1
SX-104	2	no	225.5	122	5-6	100-366	120-95	225-366	5, 6	2	1
SX-105	2	no	247.50	123-126	5-6	100-366	126-97	247-366	5, 6	2	1
SX-106	16	no	200	102-89	5-6	100-366	98-83	200-366	5, 6	2	1
SX-107	10 14	no no	33.75 33.75	159 ?	3 ?	33 ?	148-123 134-123	33-74 46-69	4, 8 5, 8	? ?	1 1
SX-108	10 19	no no	32.75 32.75	172-176 168-170	2 2	33 28	176-139 170-139	33-66 28-61	2, 4 2, 4	0 0	1 1
SX-109	10 19	no no	95.00	127-128 128-129	8 8	74 69				2 2	1 1
SX-110	12	no	28.50	161-164	3	33	164-150 121-136	33-41 41-74	3, 4 4, 8	?	1
	20	no	28.50	144-145	3	28	145-129 131-120	28-69 69-74	3, 4 4, 8	?	1

Table 2. Tank Waste and Vapor Space Temperature Data.

1	2	3	4	5	6	7	8	9	10	11	12
Tank ID	Riser Number	TMACS	Waste Surface Level (in.)	Waste Surface Level Temp. (°F)	Waste Surface Level T/C No.	Waste Surface Temp. at Height (in.)	Vapor Temp. (°F)	Vapor Temp. at Height (in.)	Vapor Temp. T/C No.	Rating Vapor Temp. < 150 °F	Rating TMACS System "yes"
SX-111	10 19	no no	49.75 49.75	160-161 143-144	5 4	50 36	161-132 144-130	50-74 36-69	5, 8 4, 8	? ?	1 1
SX-112	10 19	no no	34.75 34.75	142-143 140-142	3 3	33 28	134-136 124-127 125-127	41 74 69	4 8 8	? ? ?	1 1 1
SX-113	3	no	15.00	73	1	6	74-79	186	16	?	1
SX-114	10 19	no no	65.60	58 53	6 6	157-159 144-145	135-137 130-132	74 69	8 8	? ?	1 1
SX-115	7.50	T/C tree not acces sible									
T-101	8	yes	32.7	70-71	1, 2	24-48	73-74	264	11	2	2
T-102											
T-103	8	yes	6.0	67-68	1	24	68-69	168	7	2	2
T-104	4	yes	154.75	66-70	6, 7	144-168	69-72-69	168-192-264	7, 8, 11	2	2
T-105											
T-106	8	yes	3.2	67-68	1	24	67-71	24-264	1, 2, 7, 11	2	2
T-107	4	yes	61.55	65-70	2, 3	48-72	68-73	72-264	4, 11	2	2
T-108	4	yes	13.25	69-70	1	24	69-71 70-67 66-71	24-48 48-168 168-264	1, 2 2, 3, 7 7, 11	2	1
T-109	8	yes	18.35	67	1	24	66-72 70-66 66-70	24-72 72-168 168-264	1, 2, 3 3, 7 11	2	2
T-110	8	yes	147.70	65-69	6, 7	144-168	66-71 67-70	168-216 216-264	7, 9 9, 11	2	2
T-111	5	yes	159.0	62-69	6, 7	144-168	66-72 68-70	168-192 192-264	7, 8 8, 9, 11	2	2

Table 2. Tank Waste and Vapor Space Temperature Data.

1	2	3	4	5	6	7	8	9	10	11	12
Tank ID	Riser Number	TMACS	Waste Surface Level (in.)	Waste Surface Level Temp. (°F)	Waste Surface Level T/C No.	Waste Surface Temp. at Height (in.)	Vapor Temp. (°F)	Vapor Temp. at Height (in.)	Vapor Temp. T/C No.	Rating Vapor Temp. < 150 °F	Rating TMACS System "yes"
T-112	8	yes	20.30	66-67	1	24	66-69 68-69 68-71	24-72 72-168 168-264	1, 2, 3 3, 7 7, 11	2	2
T-201	5	yes	153.00	67-69	7, 8	168-192	67-70 69-66	168-192 192-164	7, 8 8, 11	2	2
T-202	5	yes	105.00	63-66	4, 5	96-120	65-67 66-69 67-72	120-144 144-216 216-264	5, 6 6, 9 9, 11	2	2
T-203	8	yes	183.00	64-70	7, 8	168-192	68-64 64-67	192-216 216-264	8, 9 9, 11	2	2
T-204	8	yes	188.5	64-67	7, 8	168-192	68-66 66-69	192-216 216-264	8, 9 9, 11	2	2
TX-101		no								N/A	N/A
TX-102		no								N/A	N/A
TX-103	4	no	58.60	69-90	3	61.44	68-90	61-373	3, 14	2	1
TX-104	4	no	33.00	60-64	2	37.76	60-64	37-371	2, 14	2	1
TX-105	4	no	214	82-87	5-6	214	87-74	214-293	5, 6	2	1
TX-106	4	no	133.25	73-70	5-6	115-138	68-70	139-379	6, 14	2	1
TX-107	4	no	17.7	69-64	1-2	12-36	64-70	36-372	2, 14	2	1
TX-108	4	no	54.6	59-67	2-3	36-60	61-65 61-81 (one temp. at T/C #7)	60-372	3, 14	2	1
TX-109	8	no	140.0	80-192	6-7	132-156	77-192	136-372	7, 14	2	N/A
TX-110	8		141.25							N/A	N/A
TX-111	8	no	135.00	69-73	6-7	129-153	67-72	<153-369	7, 14	2	1
TX-112	8	no	237.5	80-63	10-11	225-249	63-80	<249-369	11, 14	2	1
TX-113	8	no	215.5	63-74	9-10 T/C	205-230 (approx.)	63-74 height	<229-369	10, 14	2	1
TX-114										N/A	N/A

Table 2. Tank Waste and Vapor Space Temperature Data.

1	2	3	4	5	6	7	8	9	10	11	12
Tank ID	Riser Number	TMACS	Waste Surface Level (in.)	Waste Surface Level Temp. (°F)	Waste Surface Level T/C No.	Waste Surface Temp. at Height (in.)	Vapor Temp. (°F)	Vapor Temp. at Height (in.)	Vapor Temp. T/C No.	Rating Vapor Temp. < 150 °F	Rating TMACS System "yes"
TX-115	3	no	201.25	62-70	8-9	181-205	61-70	205-373	9, 14	2	1
TX-116										N/A	N/A
TX-117										N/A	N/A
TX-118	3	yes	112.0	73-76	5-6	102-126	73-77 70-75	126-174 174-366	6, 8 8, 14	2	2
TY-101	4	yes	50.30	66-69	2-3	37-61	67-72	61-373	3, 14	2	2
TY-102	4	no	31.90	59-60	1-2	35-40	59-61	35-371	3, 14	2	0
TY-103	4	yes	64.6	69-71	3-5	55-103	68-73	103-367	5, 14	2	2
TY-104	4	yes	24.4	67-68	1-2	7-31	67-72	31-367	2, 14	2	2
TY-105	3	no	85.0	66-71	4-5	83-107	66-70	107-371	5, 14	2	0
TY-106	2	no	13.5	58-61	1-2	2-31	58-62	31-367	2, 14	2	0
U-101	2	no	3.75	61-63	21	1	56-67	21-261	1, 2, 10	2	1
U-102	1	no	131.50	79-80 74-77	5 6	117.0 141.0	68-77	141-309	6, 11	2	1
U-103	1	no	166.83	81-84	7-8	148-172	81-84	172-244	8, 11	2	1
U-104											
U-105	1	no	105	83-84	7-8	148-172	82-84	196-144	9, 11	2	1
U-106	1	no	77.95	78-81	4-5	76-100	78-81	100-244	5, 11	2	1
U-107	1	no	143.88	77-78	7	148	76-78	172-244	8, 11	2	1
U-108	1	no	166.60	82-83	7-8	148-172	81-82	196-244	9, 11	2	1
U-109	1	no	165.05	80-82	7-8	148-172	80-81	172-244	8, 11	2	1
U-110	1	no	60.00	73-76	2-3	45-69	76-67	69-309	3, 11	2	1
U-111	5	no	116.4	79-80	5-6	100-124	79-80	124-244	6, 11	2	1
U-112	5	no	12.25	60-82	1	21	60-84	45-261	2, 11	2	1

Table 2. Tank Waste and Vapor Space Temperature Data.

1	2	3	4	5	6	7	8	9	10	11	12
Tank ID	Riser Number	TMACS	Waste Surface Level (in.)	Waste Surface Level Temp. (°F)	Waste Surface Level T/C No.	Waste Surface Temp. at Height (in.)	Vapor Temp. (°F)	Vapor Temp. at Height (in.)	Vapor Temp. T/C No.	Rating Vapor Temp. < 150 °F	Rating TMACS System "yes"
U-201	4	no	28.5	62-63	1-2	16.40	60-64	40-184	2, 8	2	1
U-202	4	no	26.5	60-62	1-2	16-40	58-62	40-184	2, 8	2	1
U-203	4	no	19.25	62-65	1-2	4-28	56-68	28-244	2, 11	2	1
U-204	4	no	17.5	62-66	1-2	4-28	55-68	28-244	2, 11	2	1

ID = Identification
No. = Number
T/C = Thermocouple
Temp. = Temperature
TMACS = Tank Monitor and Control System.

Table 3. Category 1: Average Rating Between 2.13 and 2.25 (3 Single-Shell Tanks).

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Tank ID/ Waste Type	WLT	Diameter (ft.)	Assumed Leaker ---or--- Sound Tank	Tank Capacity/ (Kgal)	Amount Full	Retrieval Sequence	% Full	Riser Number and Size (in.)	Riser Location (N, S, E, W)	Radiation Survey/ Top of Tank (mr/hr)	Waste Surface Level/ Vapor Space Temperature (°F)	TMACS	Average Rating/ Tank	Priority
T-106		75	ASWD LKR	530/21	<1/2	89	4.0	1/4	NE,Cent.	-----	67-68/			
S								13/12	NE	4/1	67-71			
200W								3/12	NE	1				
								4/4	SW					
								5/4	SW					
								6/12	SW					
								7/12						
								9						
		1	2	0		0	2				2	2	18/8=2.25	1
Rating														
T-108		75	ASWD LKR	530/44	<1/2	95	8.30	1/4	NE	-----	69-70/			
S								3/12	NE	20/4	66-71			
								8/4	SW	2/1				
								5/4	SW,Edge	3/1				
								6/12	SW,Edge					
								7/12	SW,Edge					
								9						
		1	2	0		0	2				2	2	18/8=2.25	2
Rating														
T-109		75	ASWD LKR	530/58	<1/2	86	11.0	1/4	NE	-----	67/			
S								3/12	NE	2/1	66-72			
								4/4	NE					
								2/12	NE,Edge					
								5/4	SW,Edge					
								6/12	SW,Edge					
								7/12	SW,Edge					
								9						
		1	2	0		0	1				2	2	17/8=2.13	3
Rating														

Table 4. Category 2: Average Rating of 2.0 (5 Single-Shell Tanks).

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Tank ID/ Waste Type	WLT	Diameter (ft.)	Assumed Leaker --or-- Sound Tank	Tank Capacity (Kgal)	Amount Full	Retrieval Sequence	% FULL	Riser Number and Size (in.)	Riser Location (N, W, E, W)	Radiation Survey/ Top of Tank (mr/hr)	Waste Surface Level/Vapor Space Temperature (°F)	TMACS	Average Rating/ Tank	Priority
AX-104		75	ASMD LKR	1000/7	<1/2	152	0.70	#16B/4	SE,Edge	12/8	92-98/			1
S								#16C/4	SW,Edge		89-95			
								#13A/4	S					
								#5A/12	Cent.					
								#9B/6	E,Cent.					
								#3A/14	N					
								6						
Rating		1	2	2		0	2				2	1	16/8=2.0	
BX-108		75	ASMD LKR	530/26	<1/2	104	4.91	1/4	SW	10/4	70-71/			4
S								2/12	SW	7/4	70-74			
								6/12	NE	1.5/0.8				
								8/4	NE	1.5/1				
								13/12	Cent.	2.5/1.5				
Rating		1	2	0		0	2	7			2	2	16/8=2.0	
TX-107		75	ASMD LKR	758/36	<1/2	7	4.8	8/4	N,Cent.	30/15	69-64/			3
SC								9A/4	E,Edge	13/11	64-70			
								10B/12	S	12/6				
								11A/4	W					
								6						
Rating		1	2	1		2	2				2	0	16/8=2.0	
TX-108		75	SOUND	758/134	<1/2	12	17.7	8/4	N,Cent.	10/6	59-67/			5
SC								11A/4	W	3/2	61-81			
								11B/12	W					
								6						
Rating		1	1	1		2	1				2	2	16/8=2.0	
TY-106		75	ASMD LKR	758/17	<1/2	126	2.24	1/4	E,Cent.	-----	58-61/			2
S								4/4	N,Cent.	3.5/2.7	58-62			
								7/12	W,Cent.	2.5/2.0				
								5/12	E,Cent.	8/6				
								6/12	S,Cent.	10/5				
								8						
Rating		1	2	1		0	2				2	0	16/8=2.0	

Table 5. Category 3: Average Rating of 1.88 (6 Single-Shell Tanks).

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Tank ID/ Waste Type	WLT	Diameter (ft.)	Assumed Leaker ---or--- Sound Tank	Tank Capacity/ (Kgal)	Amount Full	Retrieval Sequence	% Full	Riser Number and Size (in.)	Riser Location (N, S, E, W)	Radiation Survey Top of Tank (mr/hr)	Waste Surface Level/ Vapor Space Temperature (°F)	TMACS	Average Rating/ Tank	Priority
B-112 S		75	ASMD LKR	530/33	<1/2	107	6.23	2/12 3/12 4/4 7/12 8/4	SE,Edge SE,Edge SE,Edge NW,Edge NW,Edge	8/5 11/2 11/2 8/3.5 8/5	61-65/ 60-64			
Rating		1	2	0		0	2	8			2	0	15/8=1.88	1
BX-109 S		75	SOUND	530/193	<1/2	117	36.4	1/4 2/12 4/4 6/12 7/12 8/4	S S SW NE NE N	60/30	73-75/ 73-76			
Rating		1	1	0		0	0	9			2	2	15/8=1.88	4
T-103 S		75	ASMD LKR	530/27	<1/2	83	5.1	1/4 2/12 7/12	NE NE SE	----- 3/1 2 2/1 14/10 10/16	67-68/ 68-69			
Rating		1	2	0		0	2	6			2	2	15/8=1.88	6
T-112 S		75	SOUND	530/67	<1/2	154	12.5	1/4 2/12 4/4 6/12 5/4	NE NE NE SW SW,Edge	-----2/1 1 2/1 3/2	66-67/ 66-71			
Rating		1	1	0		0	1	8			2	2		2
TX-104 SC		75	SOUND	758/65	<1/2	16	8:58	8/4 9A/4 13A/12	N,Cent. E,Cent.	----- 15/10 20/10 16/13	60-64/ 60-64			
Rating		1	1	1		2	2	6			2	0	15/8=1.88	3
TX-111 SC		75	SOUND	758/370	<1/2	18	48.8	5/12 7/12 9B/4 10A/4 12A/4 4/4	Cent. S,Cent. E,Edge S N,Edge N,Cent.	----- 5/3 3/1 2.5/1.5 6/4	69-73/ 67-72			
Rating		1	1	1		2	0	8			2	0	15/8=1.88	5

Table 6. Category 4: Average Rating of 1.75 (4 Single-Shell Tanks).

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Tank ID/ Waste Type	WLT	Diameter (ft.)	Assumed Leaker --or-- Sound Tank	Tank Capacity/ (Kgal.)	Amount Full	Retrieval Sequence	% Full	Riser Number and Size (in.)	Riser Location (N, S, E, W)	Radiation Survey/ Top of Tank (mr/hr)	Waste Surface Level/ Vapor Space Temperature (°F)	TWACS	Average Rating/ Tank	Priority
BX-105 S & SC	NO	75	SOUND	530/51	<1/2	127	9.6	1/4	S	4.5/2	70-73/			
								2/12	S	3.5/1.5	70-75			
								8/4	NE	6/4.5				
		1	1	0		0	2	6			2	2	14/8=1.75	2
Rating														
SX-115 S	NO	75	ASMD LKR	1000/12	<1/2	85	1.2	3/4	W,Cent.	-----	No access			
								6/12	S,Cent.	7/4	to T/C tree			
								7/12	SW,Cent.	1/<.5				
		1	2	2		0	2	6			0	1	14/8=1.75	3
Rating														
TX-103 S	NO	75	SOUND	758/157	<1/2	22	20.7	8/4	N,Cent.	-----	69-90/			
								9A/4	E,Cent.	33/15	68-90			
								13A/12		15/10				
										22/15				
		1	1	1		2	1	6			2	0	14/8=1.75	1
Rating														
U-112 S	NO	75	ASMD LKR	530/49	<1/2	48	9.25	1/4	NE,Edge	-----	60-82/			
								3/12	NE,Edge	1.8/1.2	60-84			
								6/12	SW,Edge	2.5/1.6				
								7/12	SW,Edge					
		1	2	0		0	2	6			2	1	14/8=1.75	4
Rating														

Table 7. Category 5: Average Rating of 1.63 (5 Single-Shell Tanks).

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Tank ID/ Waste Type	WLT	Diameter (ft.)	Assumed Leaker --or-- Sound Tank	Tank Capacity/ (Kgal)	Amount Full	Retrieval Sequence	% Full	Riser Number and Size (in.)	Riser Location (N, S, E, W)	Radiation Survey/ Top of Tank (mr/hr)	Waste Surface Level/Vapor Space Temperature (°F)	TMACS	Average Rating/ Tank	Priority
B-108 S	NO	75	SOUND	530/94	<1/2	137	17.7	#3/12 #4/4 #6/12 #7/12 #8/4	SE,Edge SE,Edge NW,Edge NW,Edge NW,Edge	1.2/0.8 1/0.6 1.5/1.0 1.3/0.7	61-118(?)/ 61-63			
Rating		1	1	0		0	1	8			2	0	13/8=1.63	1
S-104 S	NO	75	ASMD LKR	758/294	<1/2	145	37.8	1/4 2/4 3/4 7/12	E,Cent. S,Cent. W,Cent. W,Cent.	-----11/8 25/17 12/7 7/5 40/18 11/6	93-83/ 83-88			
Rating		1	2	1		0	0	6			2	1	13.8=1.63	3
TY-102 SC	NO	75	SOUND	758/64	<1/2	160	8.5	1/4 3/4 5/12	E,Cent. W,Cent. E,Cent.	----- 6/4 2/1 29/25 14/12	59-60/ 59-61			
Rating		1	1	1		0	2	6			2	0	13/8=1.63	2
U-101 S	NO	75	ASMD LKR	530/25	<1/2	45	4.18	1/4 7/12	NE SW	----- 3/2 25/15 12/3.5 35/26	61-63/ 56-63			
Rating		1	2	0		0	2	5			2	1	13/8=1.63	4

APPENDIX C.1

RADIATION DATA SURVEY: SINGLE-SHELL TANKS

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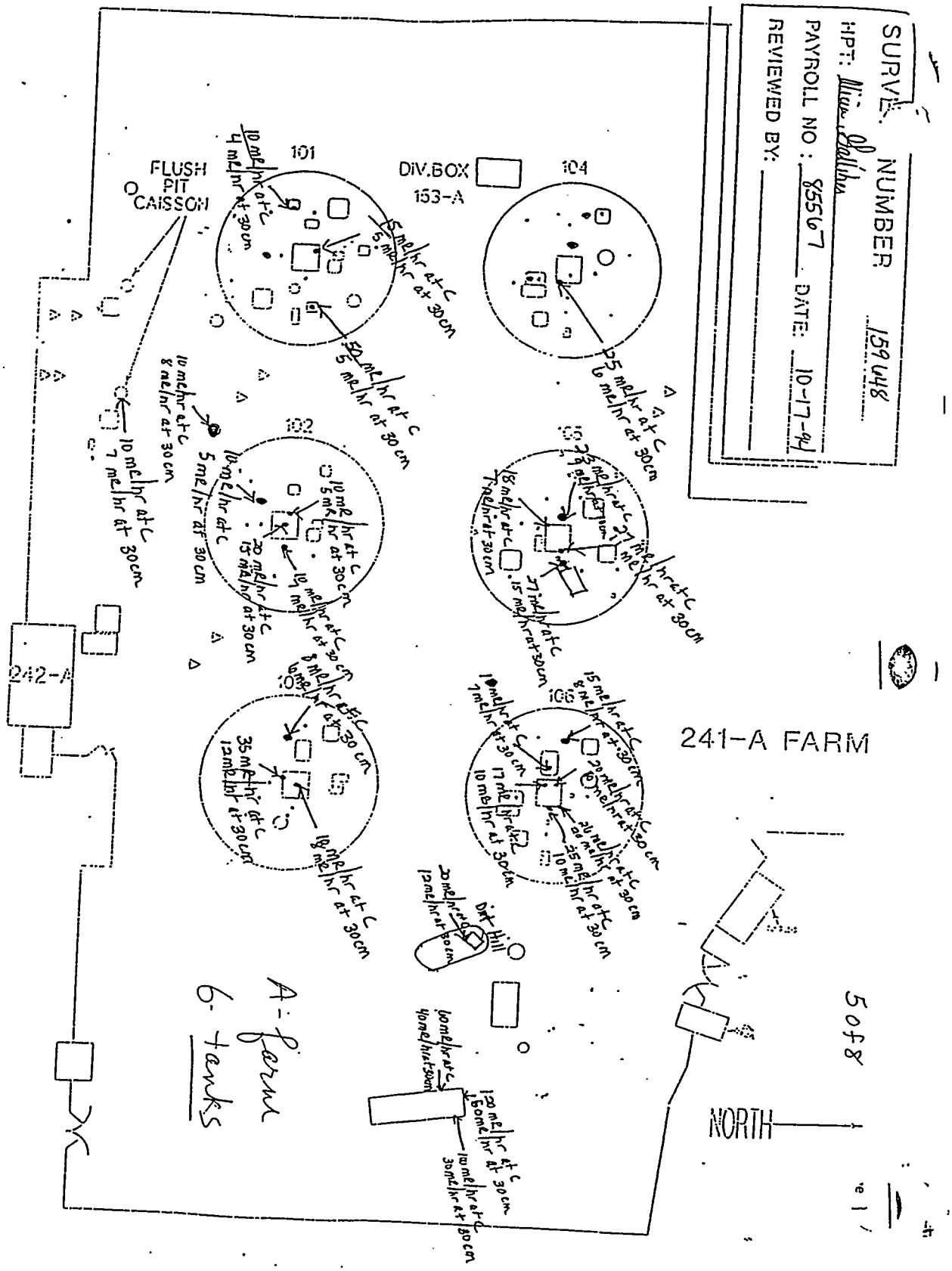
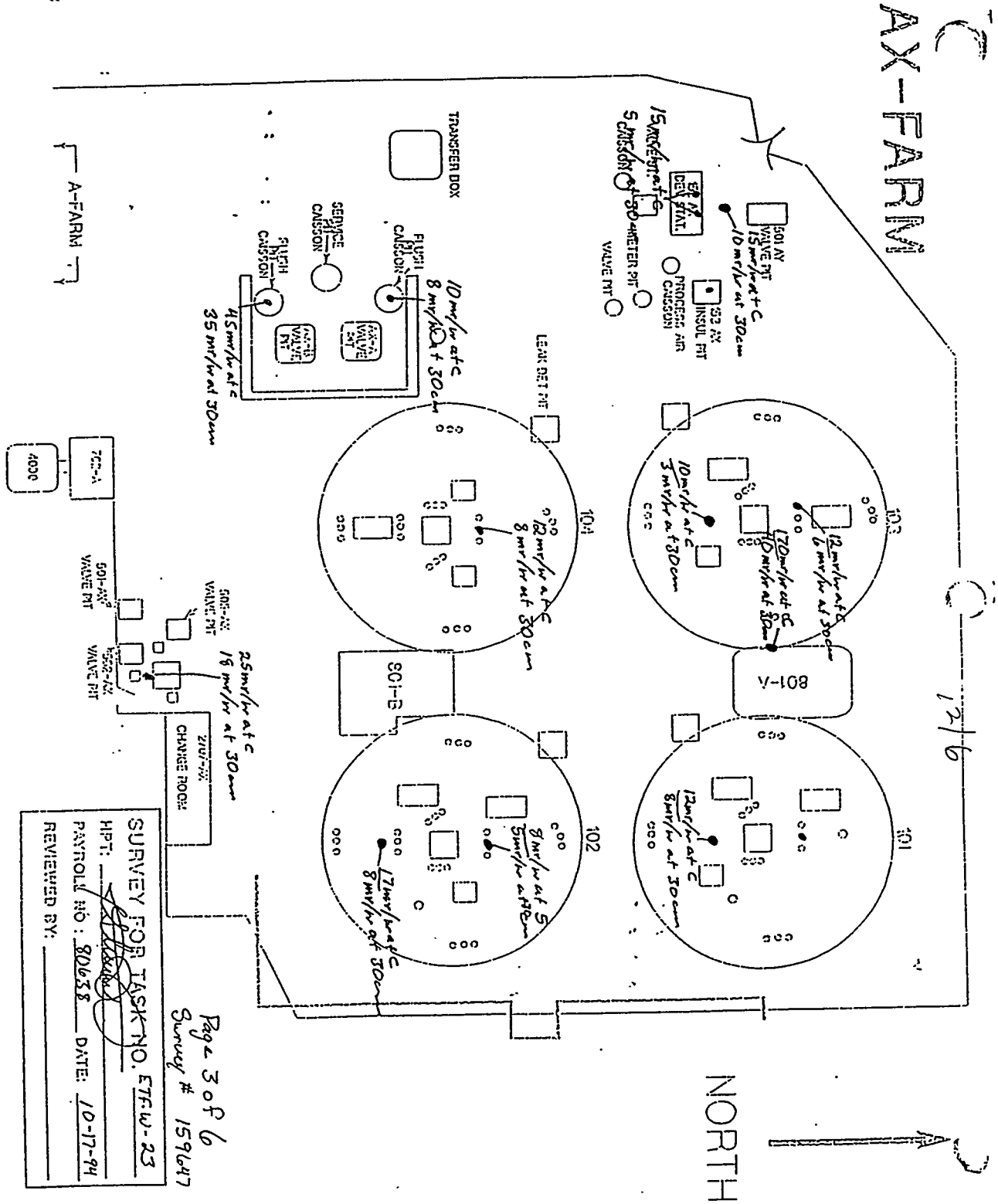
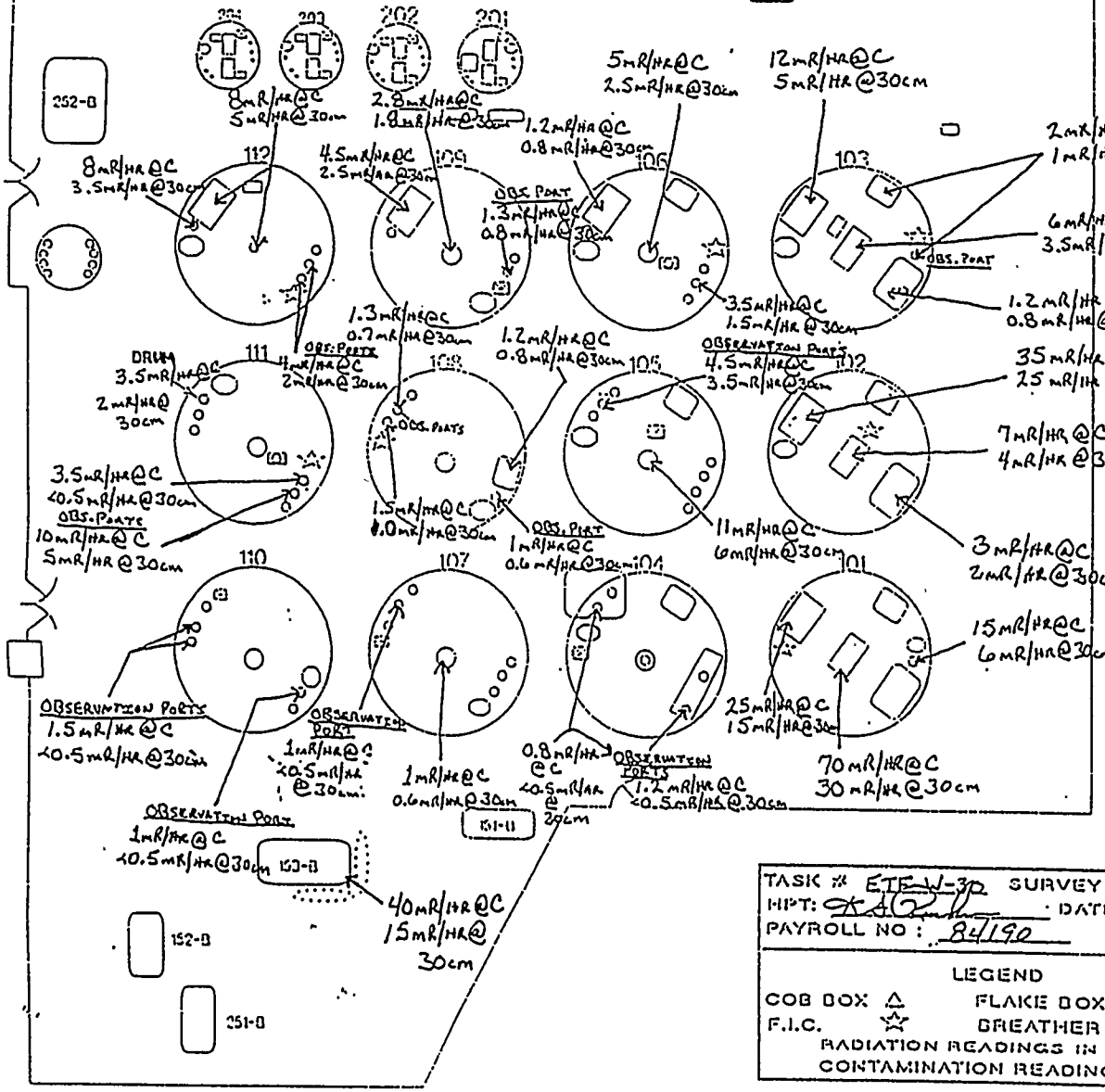

SURVEY NUMBER 159448
HPT: Mike Stallins
PAYROLL NO: 85567 DATE: 10-17-94
REVIEWED BY:
241-A FARM
FLUSH PIT CAISSON
DIV.BOX 153-A
101
102
103
104
105
106
241-A
NORTH
A- farm
6- tanks
5058


AX-FARM
A-FARM
NORTH
101
102
103
104
241-AX VALVE PIT
15 mr/hr at C
10 mr/hr at 30cm
252 AX INSUL PIT
PROCESS AIR CAISSON
VALVE PIT
TRANSFER BOX
FLUSH CAISSON
10 mr/hr at C
8 mr/hr at 30cm
SERVICE PIT CAISSON
241-AX VALVE PIT
FLUSH PIT CAISSON
45 mr/hr at C
35 mr/hr at 30cm
LEAK DET PIT
12 mr/hr at C
8 mr/hr at 30cm
241-AX VALVE PIT
241-AX VALVE PIT
241-AX VALVE PIT
25 mr/hr at C
15 mr/hr at 30cm
241-AX CHANGE ROOM
241-A
4608
241-B
241-A
6 mr/hr at C
6 mr/hr at 30cm
10 mr/hr at C
3 mr/hr at 30cm
720 mr/hr at C
10 mr/hr at 30cm
12 mr/hr at C
8 mr/hr at 30cm
8 mr/hr at C
5 mr/hr at 30cm
17 mr/hr at C
8 mr/hr at 30cm
SURVEY FOR TASK NO. ETF W-23
HPT:
PAYROLL NO.: 80638 DATE: 10-17-94
REVIEWED BY:
Page 3 of 6
Survey # 159647

B-FARM

COPY



TASK #: ETF-W-30	SURVEY #: 164402
HPT: [illegible]	DATE: 10-6-94
PAYROLL NO: 84190	

LEGEND

COB BOX △ FLAKE BOX ⊠

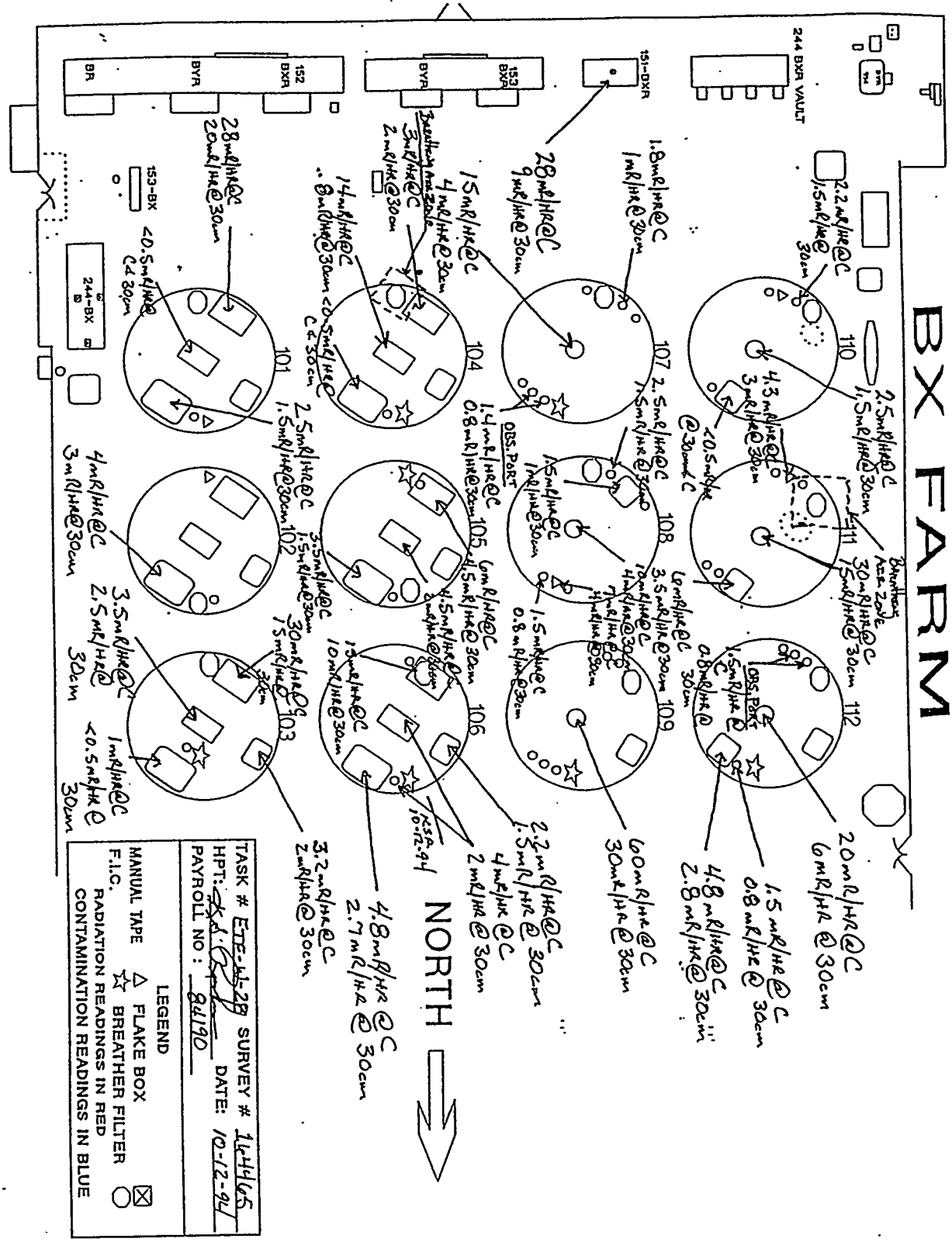
F.I.C. ☆ BREATHER FILTER ○

RADIATION READINGS IN RED

CONTAMINATION READINGS IN BLUE

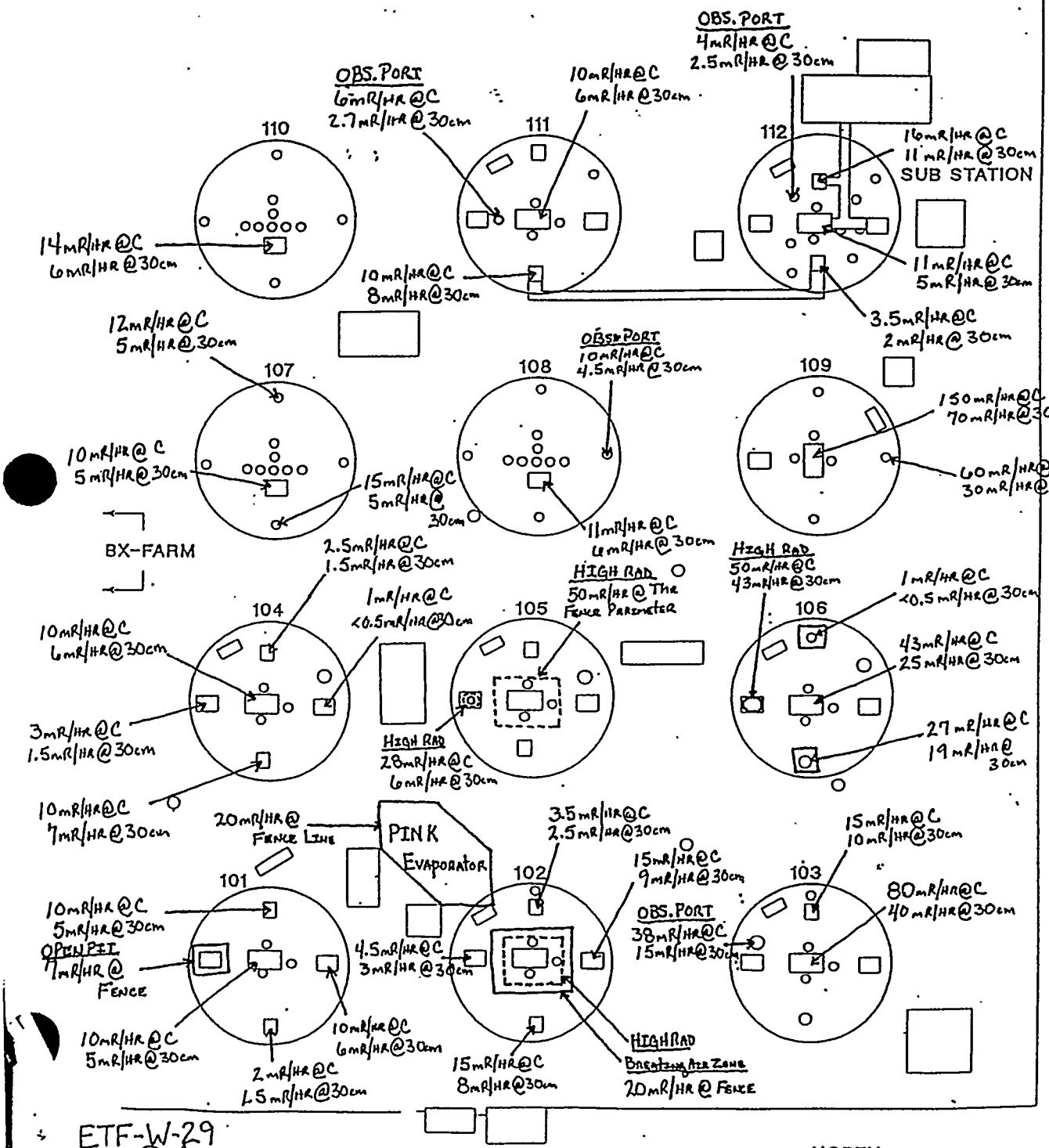
Copy of Survey Conducted on this Date. No Signicant Changes. Unless Otherwise Noted on Survey Report.

10-21-94


BX FARM
244 BXR VAULT
151-BXR
153 BXR
BYR
152 BXR
BR
244-BX
153-BX
101
102
103
104
105
106
107
108
109
110
111
112
NORTH
TASK # ETF-WS-28 SURVEY # 1st Holes
HPT: DATE: 10-12-94
PAYROLL NO : 84190
LEGEND
MANUAL TAPE
FLAKE BOX
F.I.C.
BREATHER FILTER
RADIATION READINGS IN RED
CONTAMINATION READINGS IN BLUE

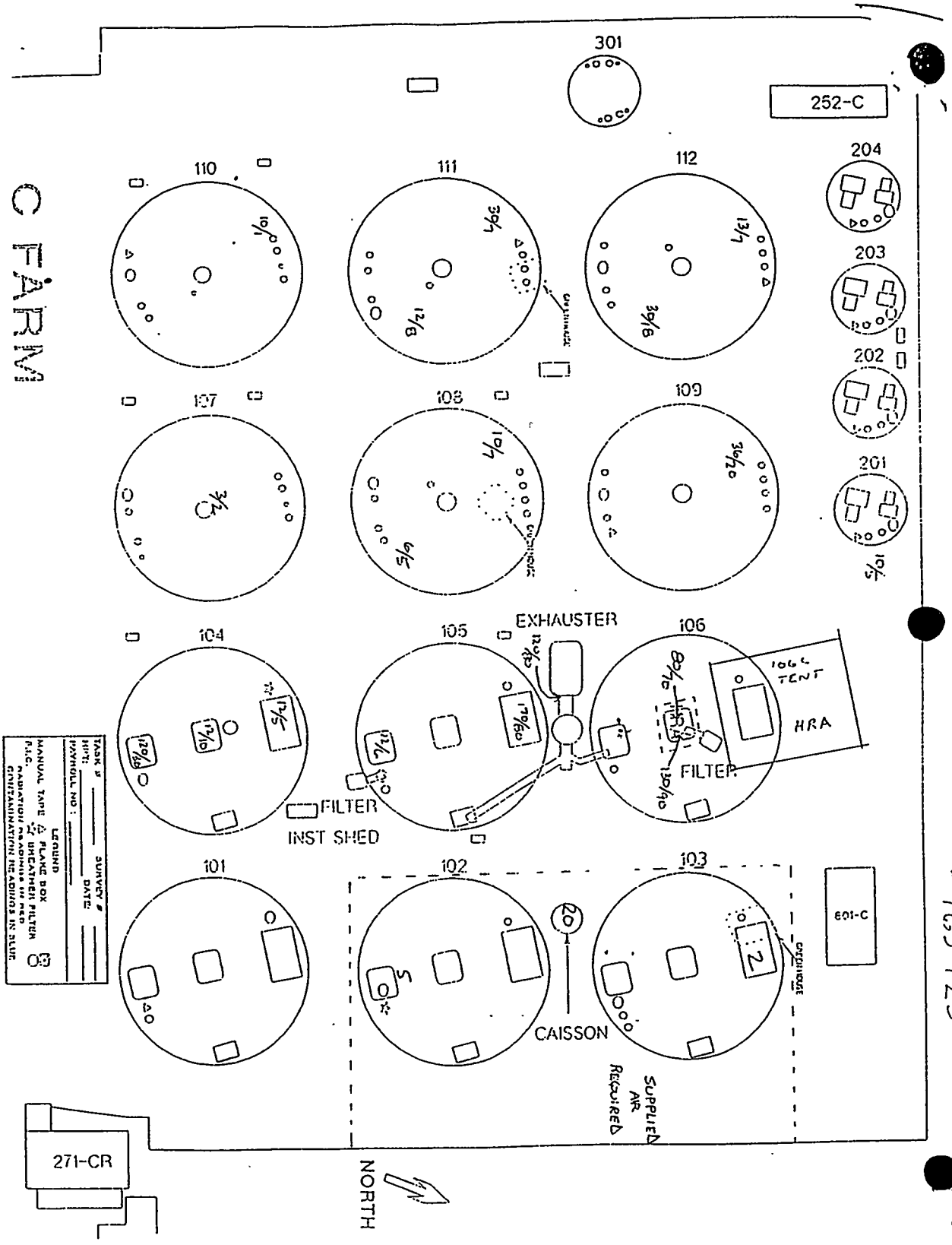
Page 5 of 6

BY-FARM



ETF-W-29
K.S. Quadrel
84190 10-20-94

163441

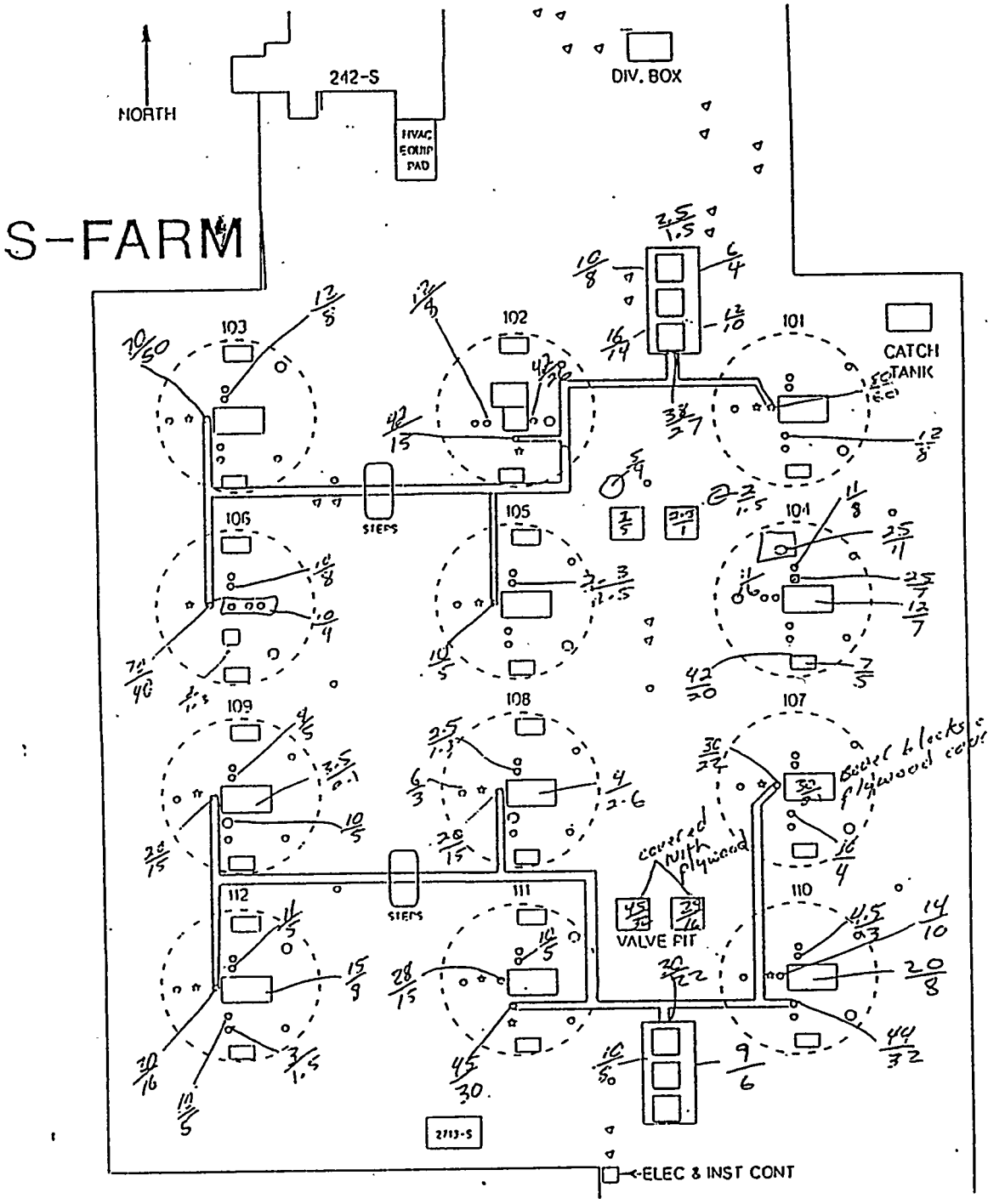


C FARM

30/18 = 30 MR/HR CONTACT/18 MR/HR @ 30CM
ALL READINGS IN UNITS OF MR/HR

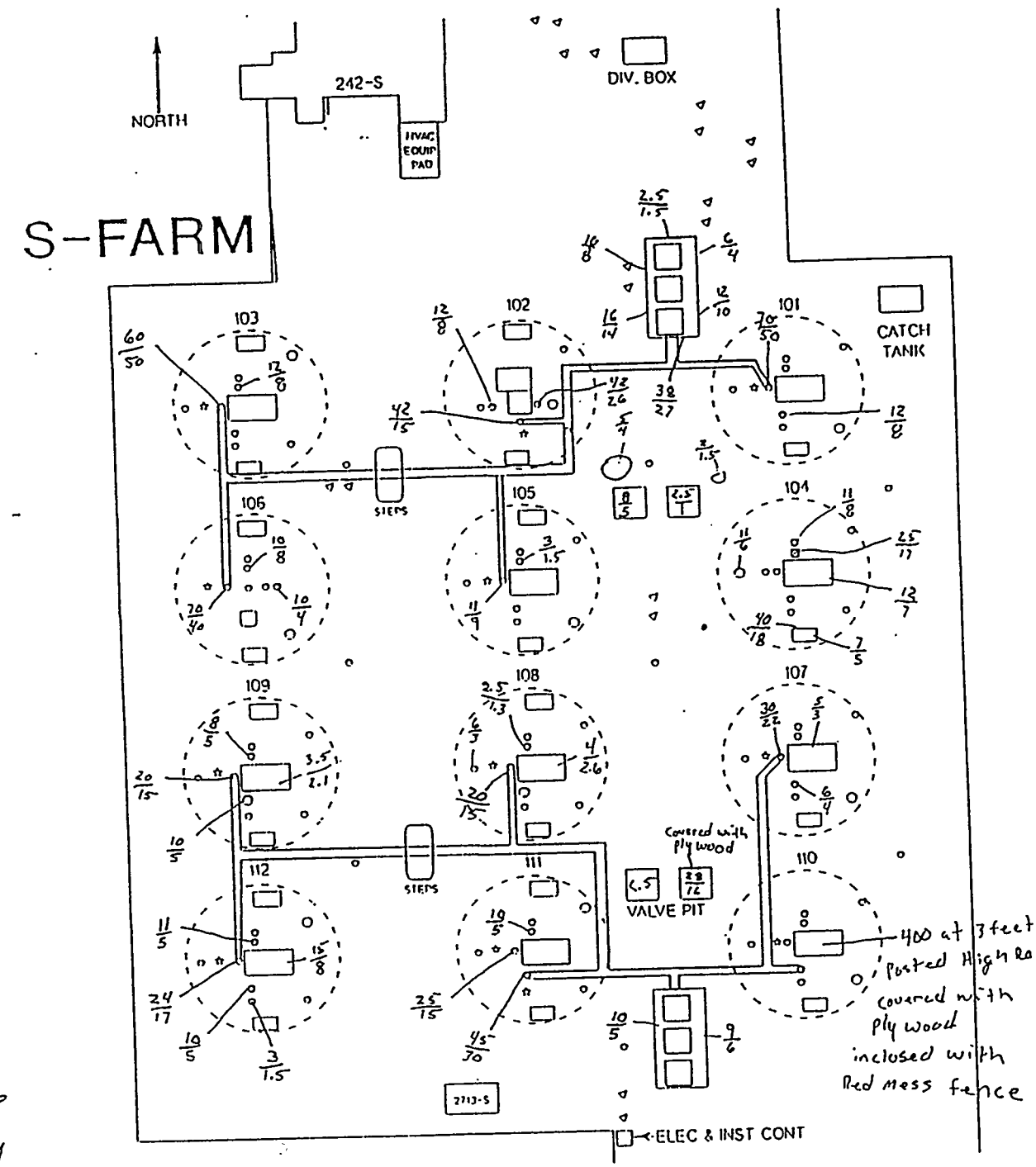
163425

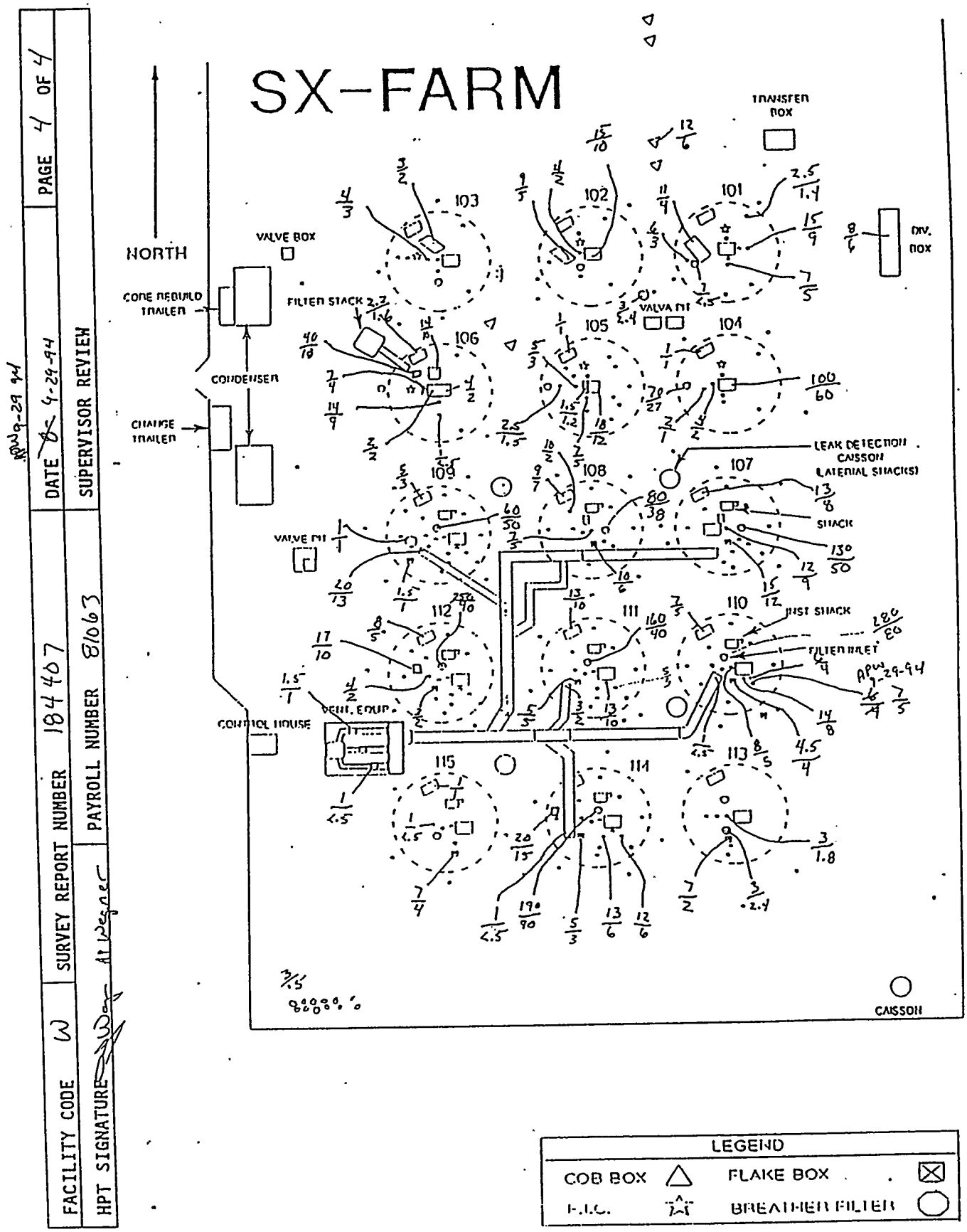
FACILITY CODE	SURVEY REPORT NUMBER 179658	DATE 8-24-94	PAGE 2 OF 7
HPT SIGNATURE C Lyons / C Lyons	PAYROLL NUMBER 85601	SUPERVISOR REVIEW	

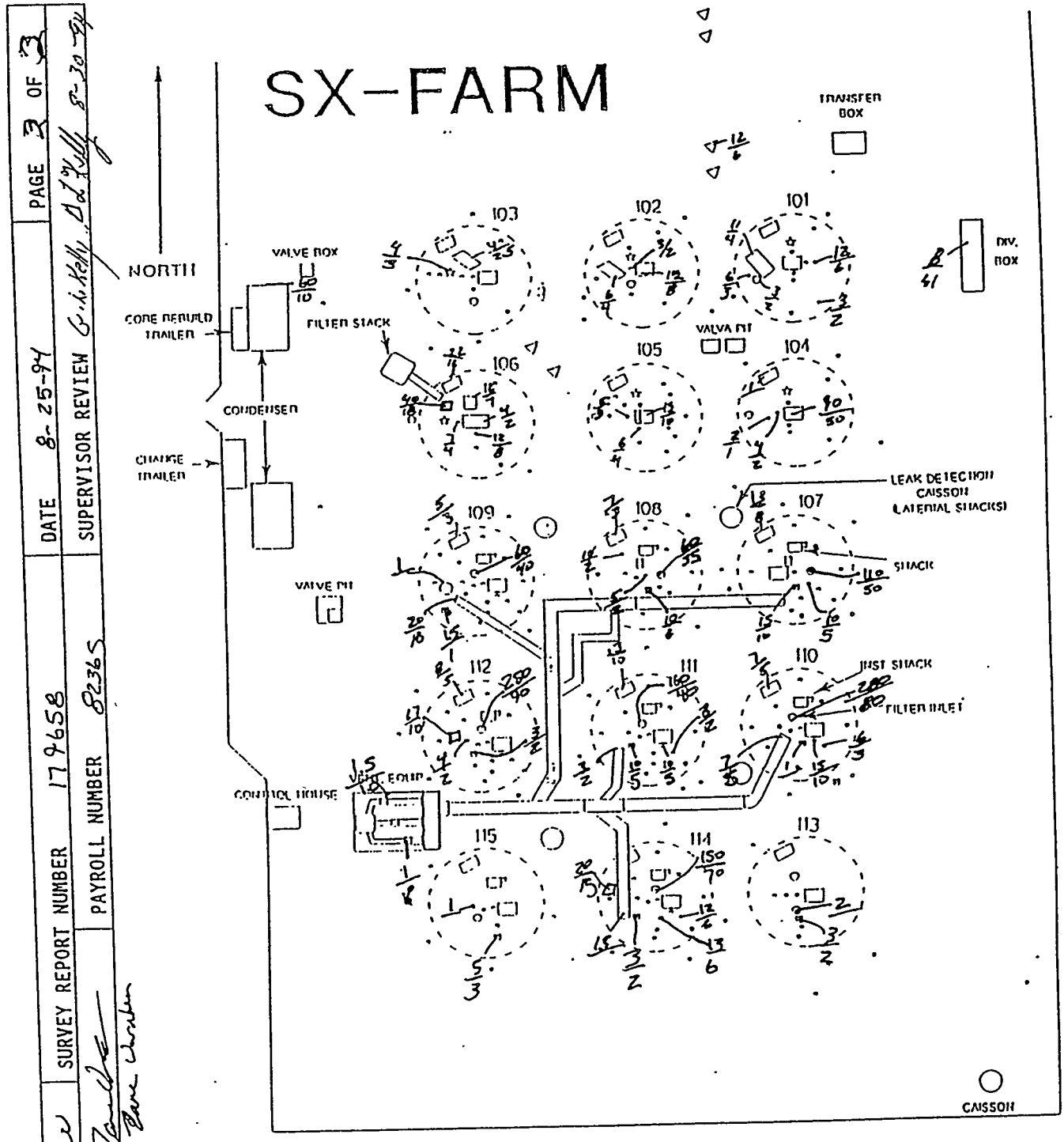


LEGEND			
COB BOX	△	FLAKE BOX	⊠
F.I.C.	☆	BREATHER FILTER	○

FACILITY CODE	SURVEY REPORT NUMBER 19407	PAYROLL NUMBER 61063	HPT SIGNATURE
	DATE 9-29-30	SUPERVISOR REVIEW	PAGE OF




SX-FARM
NORTH
VALVE BOX
CORE REBUILD TRAILER
CONDENSER
CHANGE TRAILER
FILTER STACK
CONTROL HOUSE
TRANSFER BOX
INV. BOX
VALVE PIT
LEAK DETECTION CAISSON (LATERAL STACKS)
STACK
JUST STACK
FILTER INLET
DEHT. EQUIP.
CAISSON
101
102
103
104
105
106
107
108
109
110
111
112
113
114
115
PAGE 4 OF 4
DATE 4-29-94
SUPERVISOR REVIEW
PAYROLL NUMBER 81063
SURVEY REPORT NUMBER 184407
FACILITY CODE W
HPT SIGNATURE
APW 4-29-94
LEGEND
COB BOX
FLAKE BOX
F.I.C.
BREATHER FILTER



PAGE 3 OF 3

DATE 8-25-94 SUPERVISOR REVIEW G.A. Kelly, Ad Kelly 8-30-94

SURVEY REPORT NUMBER 179658 PAYROLL NUMBER 82365

FACILITY CODE W HPT SIGNATURE Paul Winter Paul Winter

NOTE:

- Dose Rate @ Contact / Dose Rate @ 30cm
- All readings in mR/hr
- All Dose Rates are <0.5 mR/hr unless otherwise noted

LEGEND			
COB BOX	△	FLAKE BOX	⊠
F.I.C.	☆	BREATHER FILTER	⬡

PAGE 3 OF 3

DATE 2/12/97

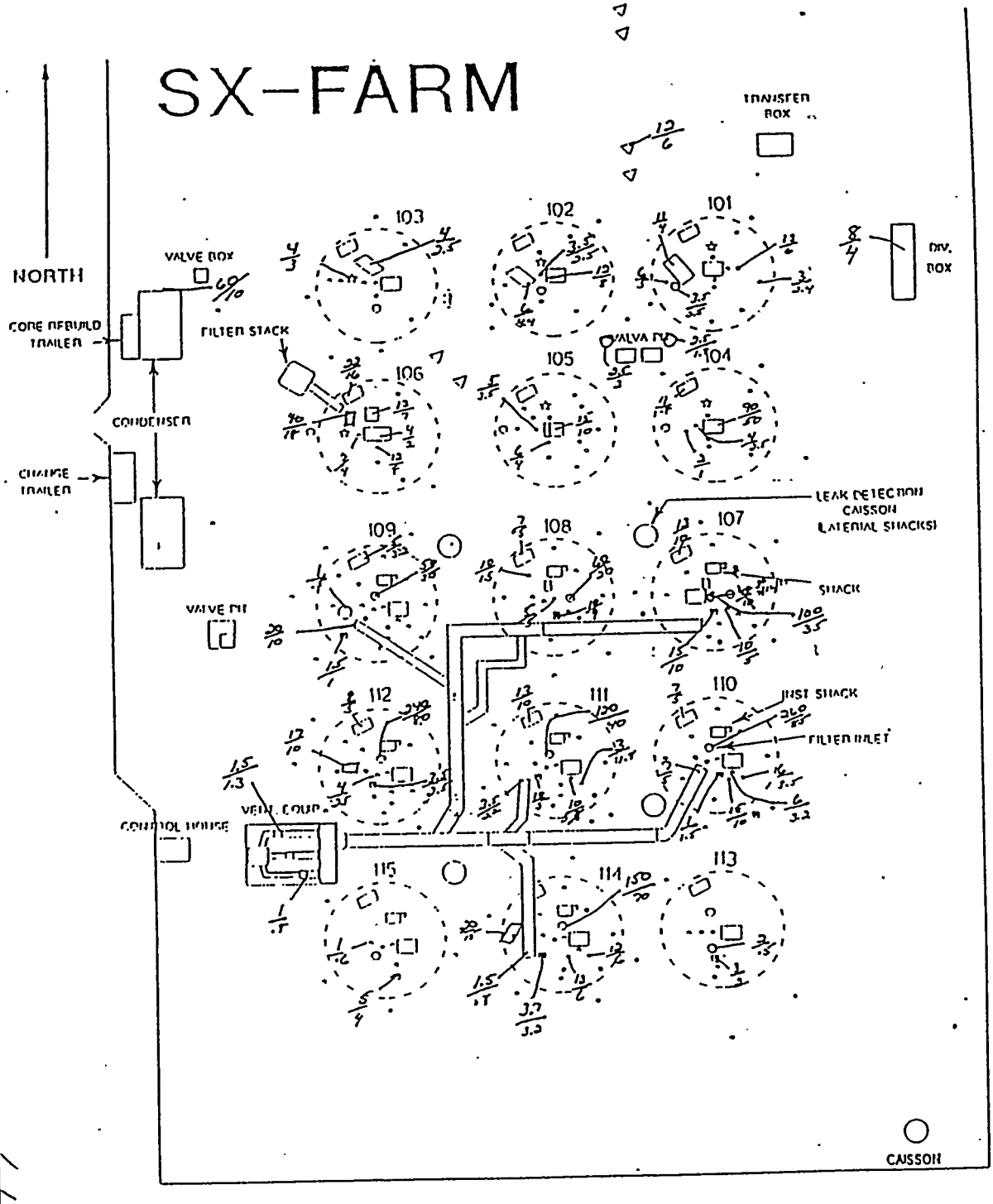
SUPERVISOR REVIEW

PAYROLL NUMBER 56922

SURVEY REPORT NUMBER 129621

FACILITY CODE S

HPT SIGNATURE J. Rudy / for enclosed



NOTE

— Dose Rate @ Contact / Dose Rate @ 30cm

— All Readings are in mR/Hr

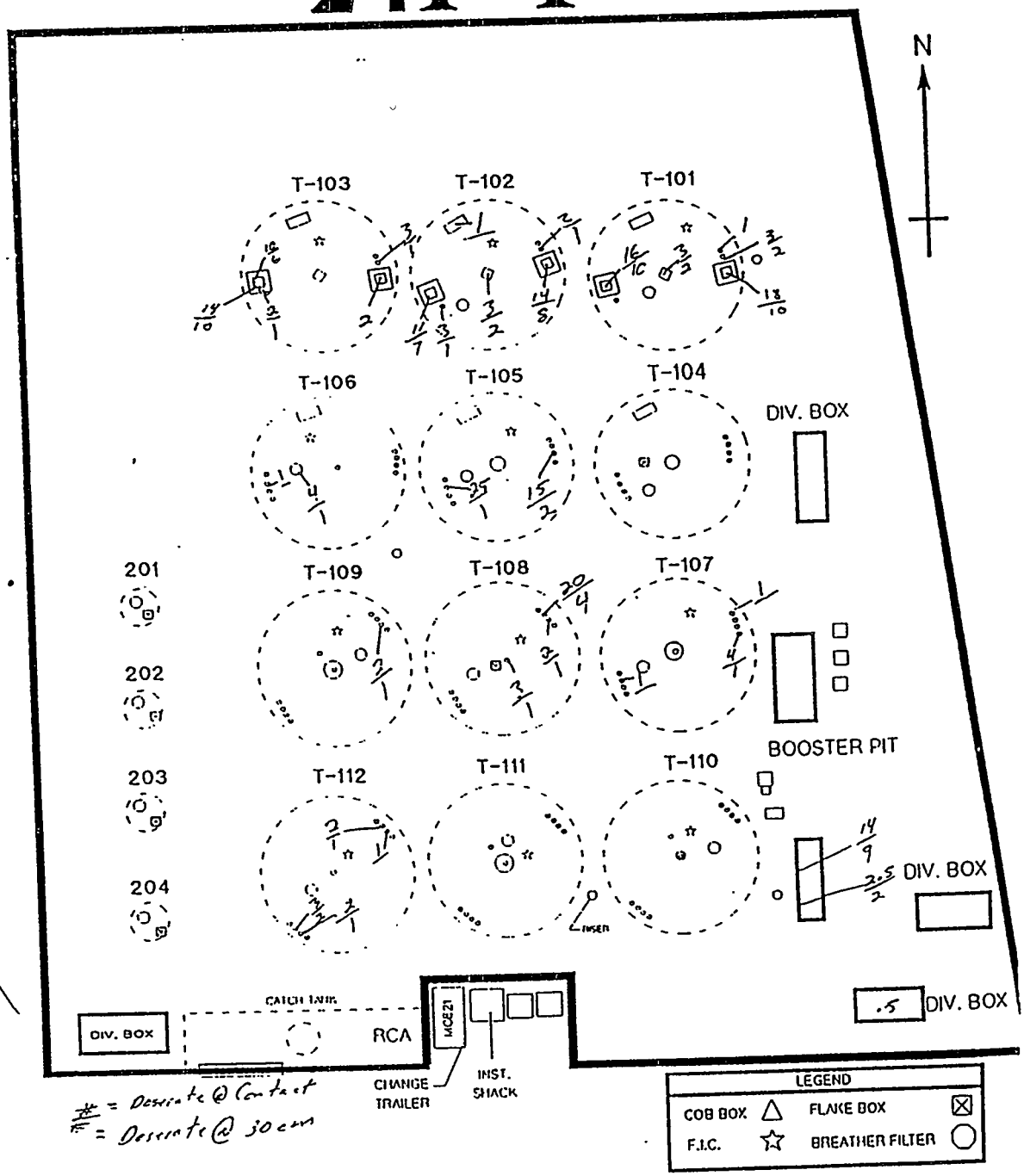
— All dose rates are 10.5mR/Hr unless otherwise posted

LEGEND			
COB BOX	△	FLAKE BOX	⊠
F.I.C.		BREATHER FILTER	○

FACILITY CODE | SURVEY REPORT NUMBER | PAGE 3 OF 6

HPT (PRINT NAME & SIGN) PAYROLL NUMBER | SUPERVISOR REVIEW-PRINT NAME & SIGN | DATE 9/12/94

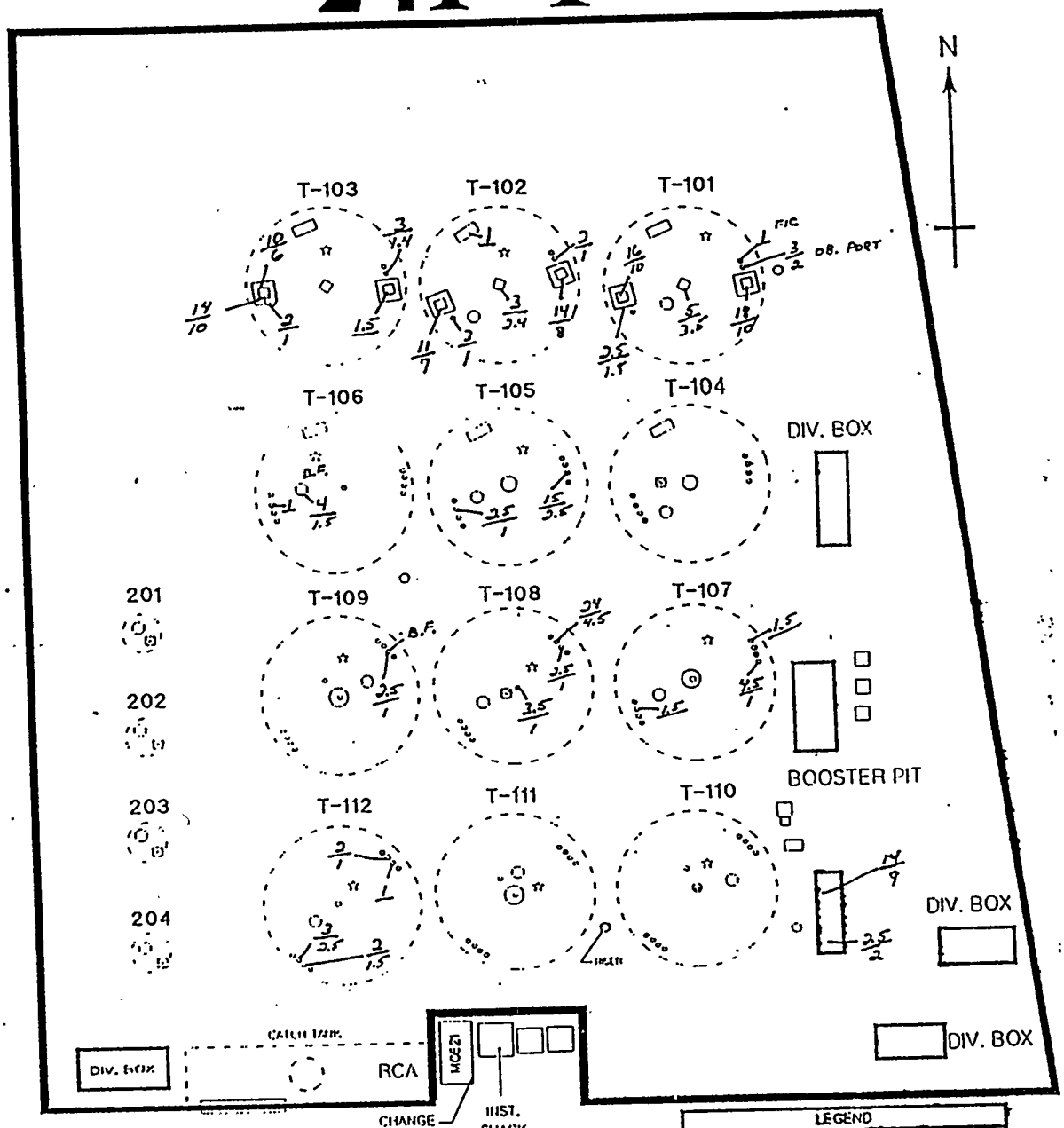
241-T



= Desiccate @ Contact
= Desiccate @ 30 cm

241-T

FACILITY CODE	W	SURVEY REPORT NUMBER	179635	DATE 8/8/94	PAGE 3 OF 3
HPT (PRINT NAME & SIGN)	PAYROLL NUMBER		SUPERVISOR REVIEW-PRINT NAME & SIGN		
J. Radford/D. Ruff	56799				

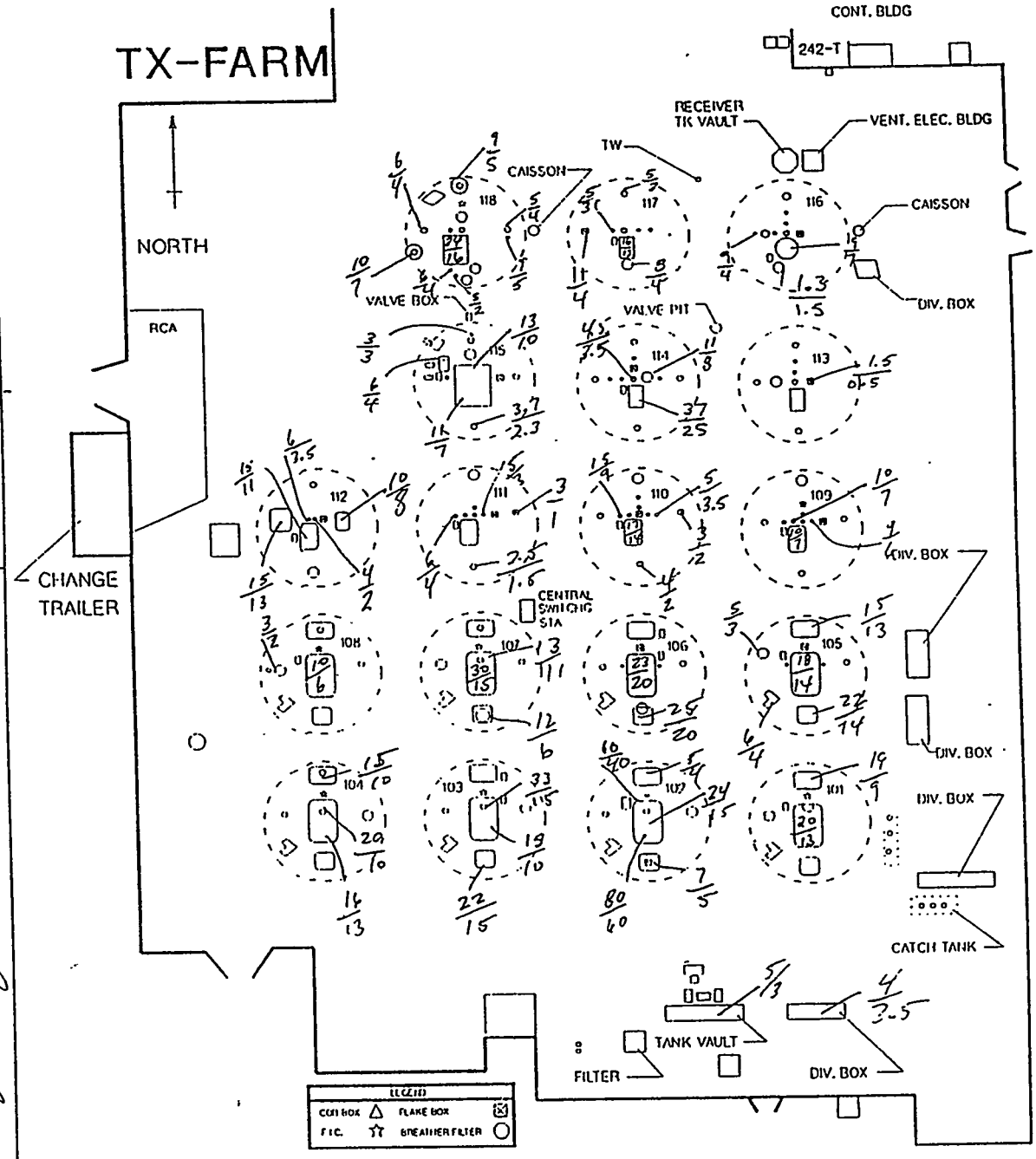


= DOSE RATE @ Contact

= DOSE RATE @ 30 cm.

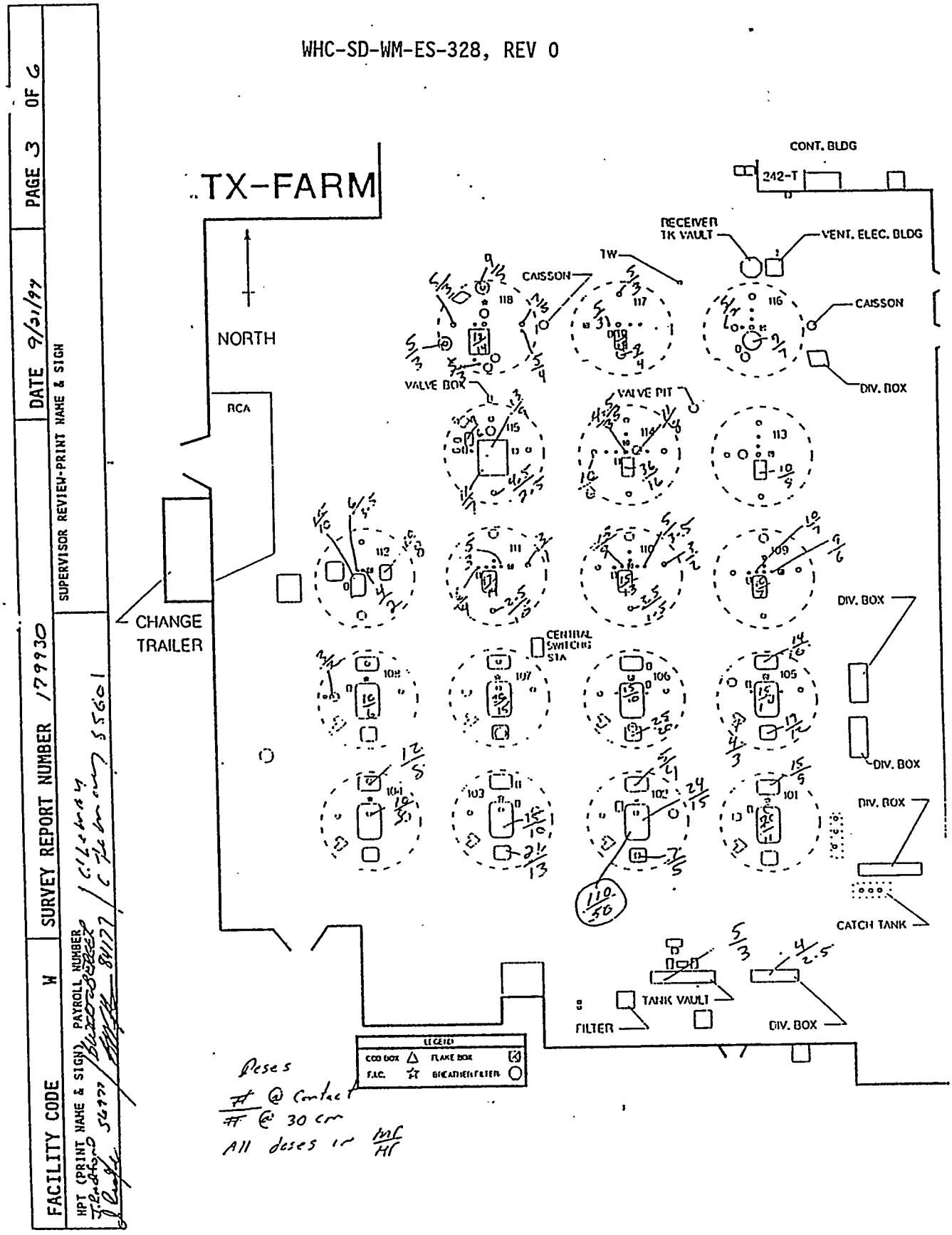
All Dose Rates Are < 2 mR/HR @ Contact And/OR < 5 mR/HR @ 30 cm. unless otherwise noted.

FACILITY CODE W | SURVEY REPORT NUMBER 18424 | PAGE OF | DATE 10/12/90
HPT (PRINT NAME & SIGN) PAYROLL NUMBER 81060
SUPERVISOR REVIEW-PRINT NAME & SIGN



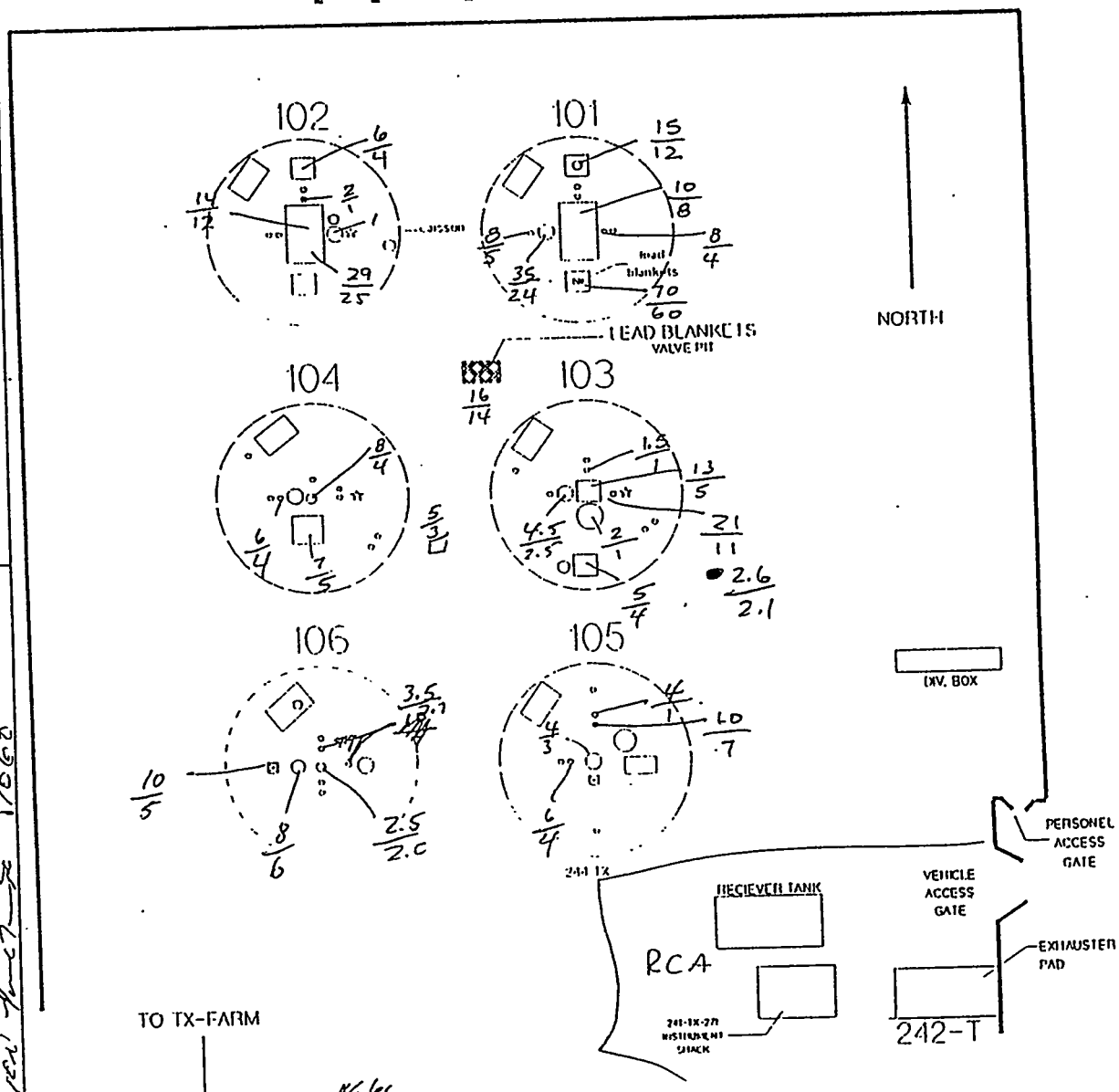
Notes

- Dose Rates @ Contact
  Dose Rate @ 30 cm
- All Readings in mr/hr
- All Areas < .05 mr/hr unless otherwise noted


PAGE 3 OF 6
DATE 9/21/92
SUPERVISOR REVIEW-PRINT NAME & SIGN
SURVEY REPORT NUMBER 179930
FACILITY CODE W
HPT (PRINT NAME & SIGN) PAYROLL NUMBER
TX-FARM
NORTH
RCA
CHANGE TRAILER
CONT. BLDG
242-T
RECEIVER TK VAULT
VENT. ELEC. BLDG
CAISSON
TW
DIV. BOX
VALVE BOX
VALVE PIT
CENTRAL SWITCHING STA
TANK VAULT
FILTER
CATCH TANK
LEGEND
CCO BOX
FLAKE BOX
F.I.C.
BREATHER FILTER
Doses
@ Contact
@ 30 cm
All doses in mr/hr

FACILITY CODE	H	SURVEY REPORT NUMBER	18424	DATE 12-12-94	PAGE	OF
HPT (PRINT NAME & SIGN) PAYROLL NUMBER R.L. Tennant 17660			SUPERVISOR REVIEW-PRINT NAME & SIGN			

TY-FARM



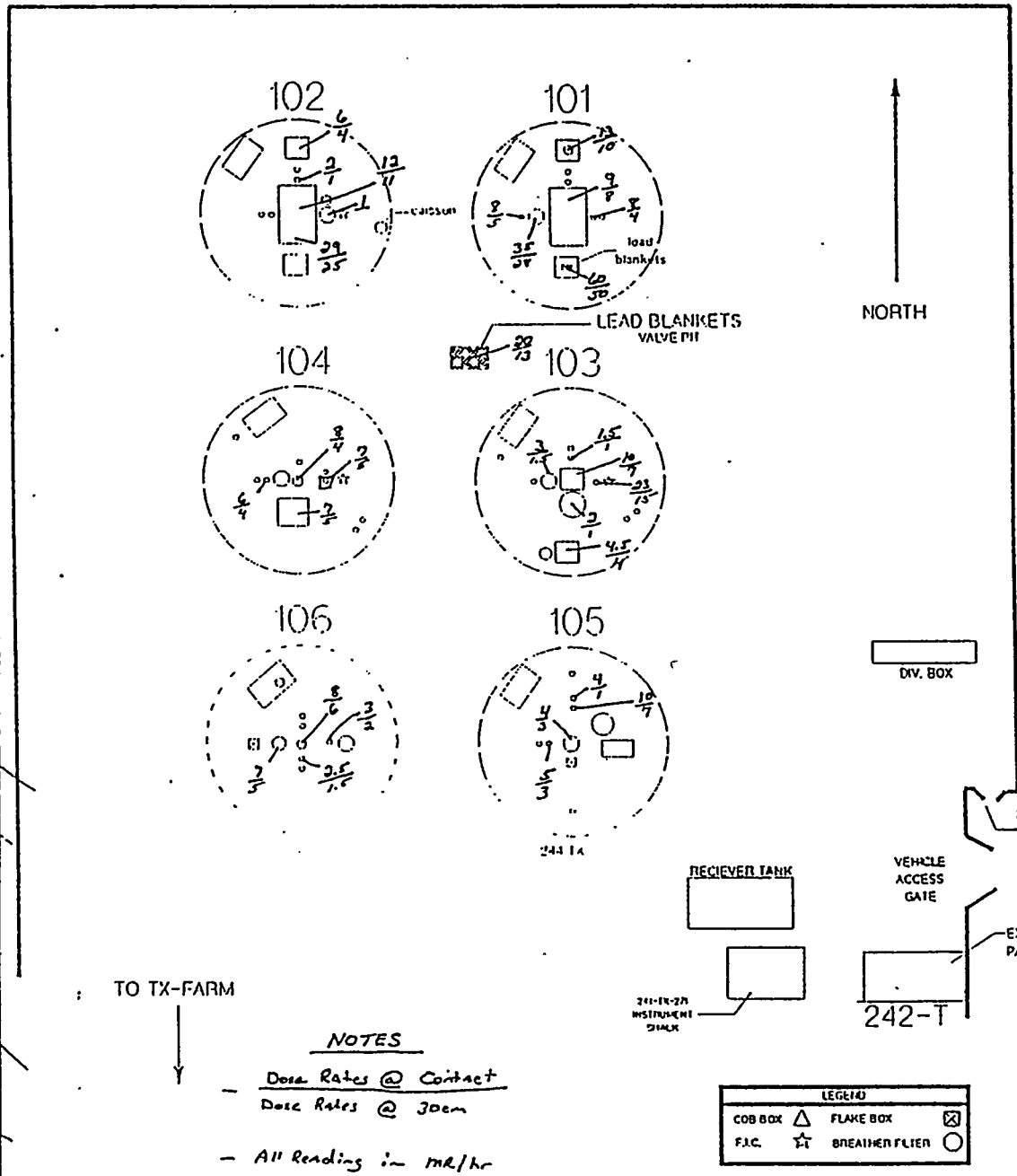
Notes

- Dose Rates @ Contact / Dose Rates @ 30 cm
- All Readings in mr/hr
- All Areas <.05 mr/hr unless noted otherwise

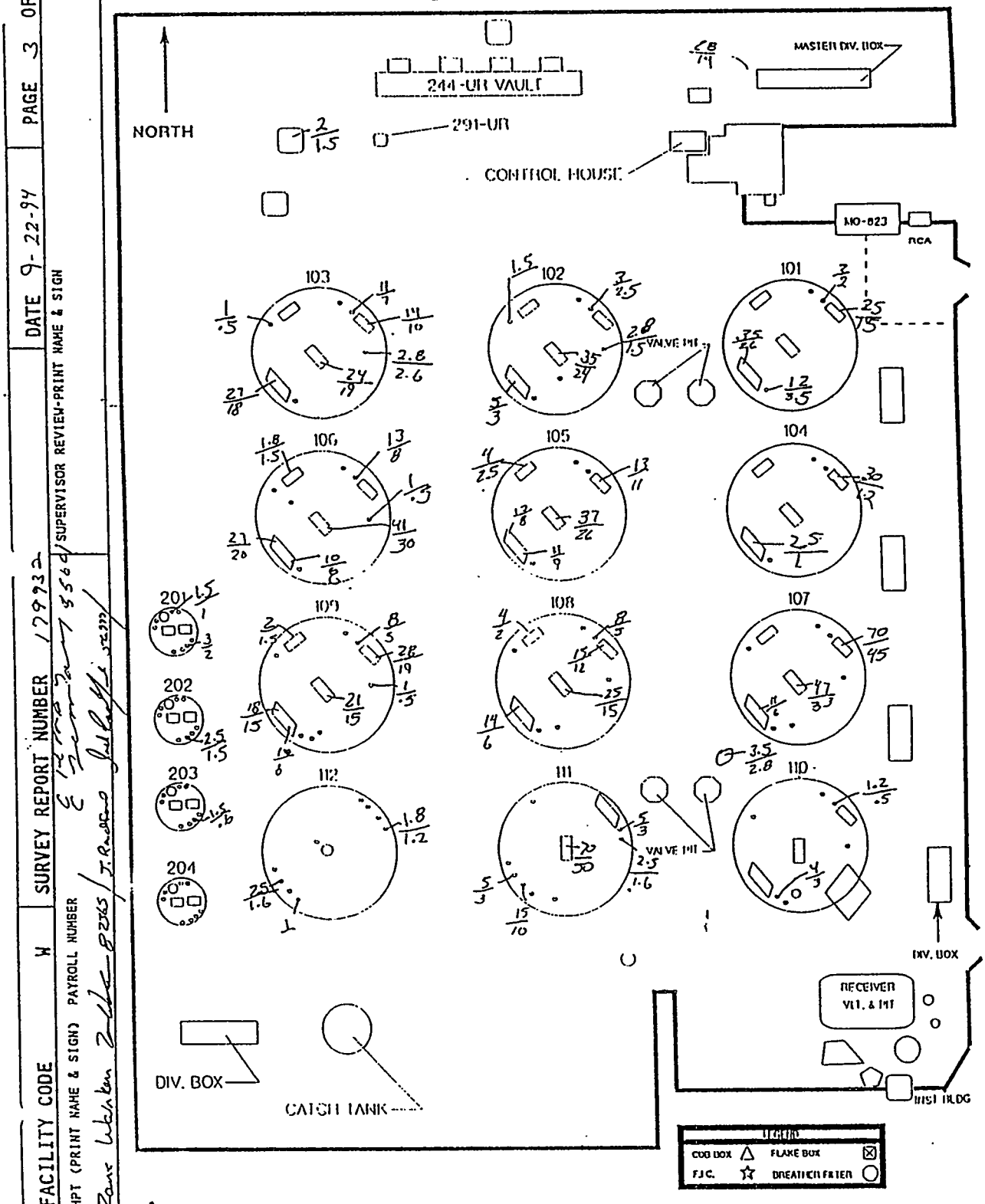
FACILITY CODE	W	SURVEY REPORT NUMBER	129926	DATE 9-30-94	PAGE	OF
HPT (PRINT NAME & SIGN) PAYROLL NUMBER				SUPERVISOR REVIEW-PRINT NAME & SIGN		

J. Rasford J. Eagle 22222 ip May c Lemmons 55601 Zbikowski Zellmer 5605

TY-FARM



U-FARM

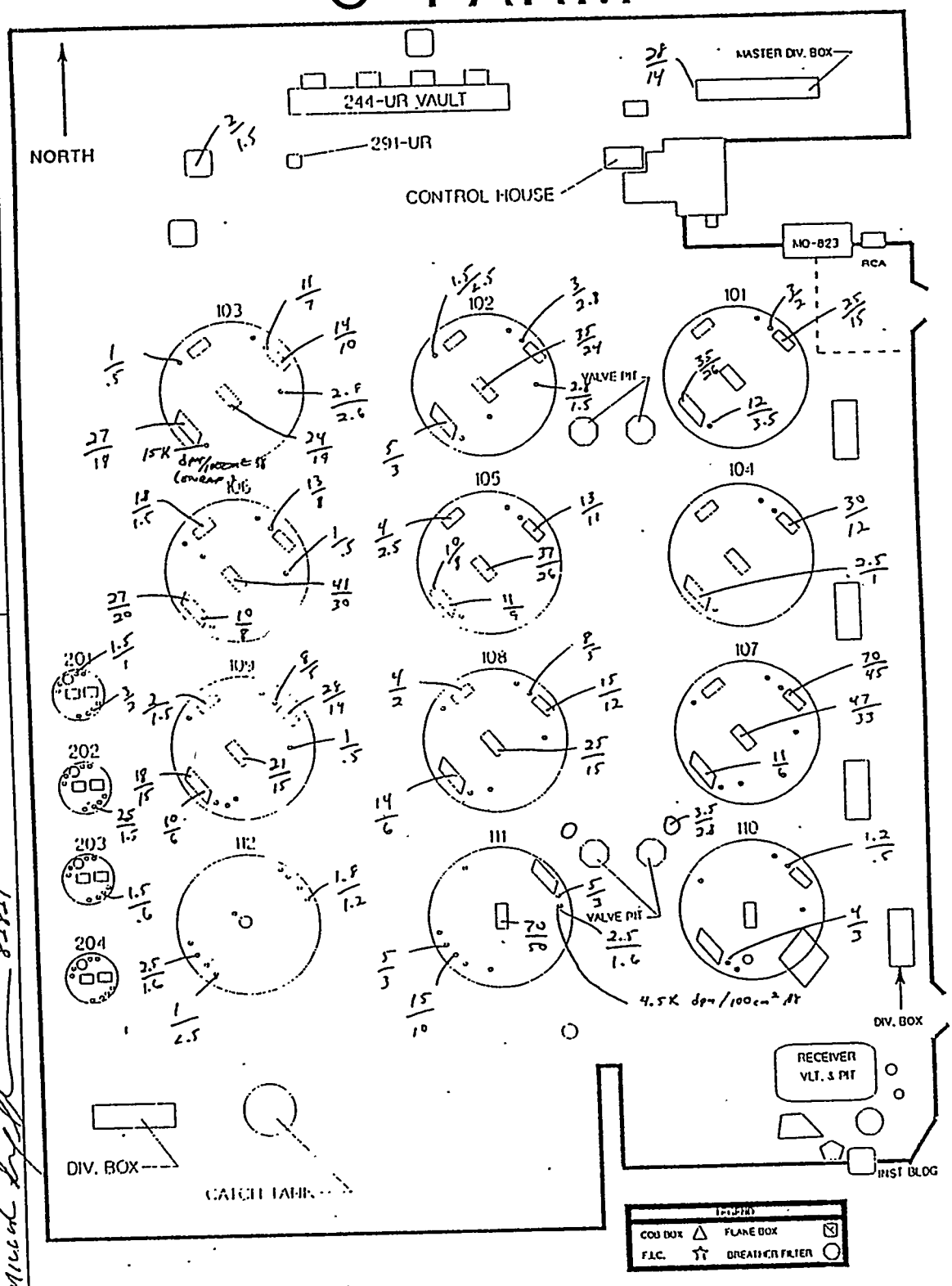


FACILITY CODE W | SURVEY REPORT NUMBER 12932 | PAGE 3 OF 6

HPT (PRINT NAME & SIGN) PAYROLL NUMBER | SUPERVISOR REVIEW-PRINT NAME & SIGN | DATE 9-22-94

Zane Liken 22162 / T. Redford [illegible] 5564

U-FARM



FACILITY CODE W | SURVEY REPORT NUMBER 1 | PAGE 3 of 5

DATE 8-17-94

SUPERVISOR REVIEW-PRINT NAME & SIGN

HPT (PRINT NAME & SIGN) PAYROLL NUMBER

APPENDIX C.2

ORDER OF RETRIEVAL: SINGLE-SHELL TANKS

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8.3 APPENDIX C, TANK DATA TABLE (BASED ON FARM-BY-FARM RETRIEVAL PER APPENDIX B)

This section is a preliminary listing of the order of retrieval of all of the 177 waste tanks based on the farm-by-farm retrieval per Appendix B (Section 8.2).

NO.	TANK	TYPE	WASTE TYPE	WHEN RETRIEVED	WHAT HAPPENS	WHY
1	106-C	SST	NCPLX	10/1997 - 10/2003	SLUICE, LRA, SLUDGE WASH, PRETREAT, LWVP & HWVP	HIGH HEAT TANK
2	101-SY	DST	CC	8/1998 - 4/1999	PRETREAT, LWVP & HWVP	HYDROGEN WATCH LIST
3	103-SY	DST	CC	11/1999 - 7/2005	PRETREAT, LWVP & HWVP	HYDROGEN WATCH LIST
4	101-AW	DST	DSSF	6/2001 - 4/2011	SLUDGE WASH, PRETREAT, LWVP & HWVP	
5	118-TX	SST	NCPLX	12/2003 - 9/2004	SLUICE, PRETREAT, LWVP & HWVP	FERROCYANIDE, ORGANICS
6	104-AN	DST	DSSF	4/2004 - 5/2004	SLUDGE WASH, PRETREAT, LWVP & HWVP	HYDROGEN WATCH LIST
7	107-TX	SST	NCPLX	9/2004 - 2/2005	LRA, PRETREAT, LWVP & HWVP	ASSUMED LEAKER
8	103-AN	DST	DSS	1/2005 - 2/2005	PRETREAT, LWVP & HWVP	HYDROGEN WATCH LIST
9	105-AN	DST	DSSF	2/2005 - 3/2005	PRETREAT, LWVP & HWVP	HYDROGEN WATCH LIST
10	112-TX	SST	NCPLX	2/2005 - 10/2005	SLUICE, PRETREAT, LWVP & HWVP	
11	106-TX	SST	NCPLX	9/2005 - 1/2006	SLUICE, PRETREAT, LWVP & HWVP	
12	108-TX	SST	NCPLX	11/2005 - 1/2006	SLUICE, PRETREAT, LWVP & HWVP	
13	106-AN	DST	CP	12/2005 - 2/2006	SLUDGE WASH, PRETREAT, LWVP & HWVP	
14	109-TX	SST	NCPLX	2/2006 - 7/2006	SLUICE, PRETREAT, LWVP & HWVP	
15	105-TX	SST	NCPLX	7/2006 - 2/2007	LRA, PRETREAT, LWVP & HWVP	ASSUMED LEAKER, ORGANICS
16	104-TX	SST	NCPLX	10/2006 - 12/2006	SLUICE, PRETREAT, LWVP & HWVP	
17	102-TX	SST	NCPLX	12/2006 - 2/2007	SLUICE, PRETREAT, LWVP & HWVP	
18	111-TX	SST	NCPLX	2/2007 - 6/2007	SLUICE, PRETREAT, LWVP & HWVP	
19	101-AZ	DST	NCAW	6/2007 - 7/2007	SLUDGE WASH, PRETREAT, LWVP & HWVP	PROCESS TESTS TO DEMONSTRATE RETRIEVAL SYSTEM FOR NCAW
20	102-AZ	DST	NCAW	6/2007 - 5/2010	SLUDGE WASH, PRETREAT, LWVP & HWVP	
21	110-TX	SST	NCPLX	7/2007 - 11/2007	LRA, PRETREAT, LWVP & HWVP	ASSUMED LEAKER
22	103-TX	SST	NCPLX	10/2007 - 12/2007	SLUICE, SLUDGE WASH, PRETREAT, LWVP & HWVP	
23	101-TX	SST	NCPLX	12/2007 - 2/2008	SLUICE, SLUDGE WASH, PRETREAT, LWVP & HWVP	
24	105-U	SST	NCPLX	3/2008 - 7/2008	SLUICE, SLUDGE WASH, PRETREAT, LWVP & HWVP	HYDROGEN WATCH LIST
25	114-TX	SST	NCPLX	6/2008 - 10/2008	LRA, PRETREAT, LWVP & HWVP	ASSUMED LEAKER

NO.	TANK	TYPE	WASTE TYPE	WHEN RETRIEVED	WHAT HAPPENS	WHY
26	103-U	SST	NCPLX	7/2008 - 11/2008	SLUICE, SLUDGE WASH, PRETREAT, LWVP & HWVP	HYDROGEN WATCH LIST
27	112-C	SST	NCPLX	11/2008 - 1/2009	SLUICE, SLUDGE WASH, PRETREAT, LWVP & HWVP	FERROCYANIDE
28	107-U	SST	DSSF	11/2008 - 4/2009	SLUICE, SLUDGE WASH, PRETREAT, LWVP & HWVP	ORGANICS
29	102-AY	DST	DN	12/2008 - 12/2111	SLUDGE WASH, PRETREAT, LWVP & HWVP	
30	108-C	SST	NCPLX	1/2009 - 3/2009	SLUICE, SLUDGE WASH, PRETREAT, LWVP & HWVP	FERROCYANIDE
31	106-U	SST	NCPLX	3/2009 - 5/2009	SLUICE, SLUDGE WASH, PRETREAT, LWVP & HWVP	ORGANICS
32	117-TX	SST	NCPLX	4/2009 - 10/2009	LRA, PRETREAT, LWVP & HWVP	ASSUMED LEAKER
33	111-C	SST	NCPLX	5/2009 - 7/2009	LRA, SLUDGE WASH, PRETREAT, LWVP & HWVP	ASSUMED LEAKER, FERROCYANIDE
34	109-C	SST	NCPLX	7/2009 - 9/2009	SLUICE, SLUDGE WASH, PRETREAT, LWVP & HWVP	FERROCYANIDE
35	108-U	SST	NCPLX	7/2009 - 12/2009	SLUICE, SLUDGE WASH, PRETREAT, LWVP & HWVP	HYDROGEN WATCH LIST
36	110-C	SST	DC	11/2009 - 1/2010	LRA, SLUDGE WASH, PRETREAT, LWVP & HWVP	ASSUMED LEAKER
37	113-TX	SST	NCPLX	12/2009 - 6/2010	LRA, PRETREAT, LWVP & HWVP	ASSUMED LEAKER
38	101-C	SST	NCPLX	1/2010 - 3/2010	LRA, SLUDGE WASH, PRETREAT, LWVP & HWVP	ASSUMED LEAKER
39	109-U	SST	NCPLX	1/2010 - 6/2010	SLUICE, SLUDGE WASH, PRETREAT, LWVP & HWVP	HYDROGEN WATCH LIST
40	115-TX	SST	NCPLX	2/2010 - 9/2010	LRA, PRETREAT, LWVP & HWVP	ASSUMED LEAKER
41	105-C	SST	NCPLX	4/2010 - 6/2010	SLUICE, SLUDGE WASH, PRETREAT, LWVP & HWVP	HIGH HEAT TANK
42	116-TX	SST	NCPLX	6/2010 - 12/2010	LRA, PRETREAT, LWVP & HWVP	ASSUMED LEAKER
43	201-C	SST	NCPLX	7/2010 - 9/2010	LRA, SLUDGE WASH, PRETREAT, LWVP & HWVP	ASSUMED LEAKER
44	101-AP	DST	DN	7/2010 - 2/2012	PRETREAT, LWVP & HWVP	
45	101-U	SST	NCPLX	9/2010 - 11/2010	LRA, SLUDGE WASH, PRETREAT, LWVP & HWVP	ASSUMED LEAKER
46	102-U	SST	NCPLX	10/2010 - 3/2011	SLUICE, SLUDGE WASH, PRETREAT, LWVP & HWVP	
47	110-U	SST	NCPLX	11/2010 - 1/2011	LRA, SLUDGE WASH, PRETREAT, LWVP & HWVP	ASSUMED LEAKER
48	112-U	SST	NCPLX	2/2011 - 4/2011	LRA, SLUDGE WASH, PRETREAT, LWVP & HWVP	ASSUMED LEAKER
49	111-U	SST	DSSF	3/2011 - 8/2011	SLUICE, SLUDGE WASH, PRETREAT, LWVP & HWVP	
50	104-U	SST	NCPLX	4/2011 - 6/2011	LRA, SLUDGE WASH, PRETREAT, LWVP & HWVP	ASSUMED LEAKER
51	202-C	SST	EMPTY	5/2011 - 7/2011	LRA, SLUDGE WASH, PRETREAT, LWVP & HWVP	ASSUMED LEAKER
52	204-C	SST	NCPLX	7/2011 - 9/2011	LRA, SLUDGE WASH, PRETREAT, LWVP & HWVP	ASSUMED LEAKER

NO.	TANK	TYPE	WASTE TYPE	WHEN RETRIEVED	WHAT HAPPENS	WHY
53	201-U	SST	NCPLX	8/2011 - 10/2011	SLUICE, SLUDGE WASH, PRETREAT, LWVP & HWVP	
54	203-C	SST	NCPLX	9/2011 - 11/2011	LRA, SLUDGE WASH, PRETREAT, LWVP & HWVP	ASSUMED LEAKER
55	106-SX	SST	NCPLX	9/2011 - 3/2012	LRA, SLUDGE WASH, PRETREAT, LWVP & HWVP	ASSUMED LEAKER, HYDROGEN WATCH LIST, ORGANICS
56	203-U	SST	NCPLX	10/2011 - 12/2011	SLUICE, SLUDGE WASH, PRETREAT, LWVP & HWVP	
57	107-C	SST	DC	11/2011 - 1/2012	SLUICE, SLUDGE WASH, PRETREAT, LWVP & HWVP	
58	104-SX	SST	DSSF	11/2011 - 6/2012	LRA, SLUDGE WASH, PRETREAT, LWVP & HWVP	ASSUMED LEAKER, HYDROGEN WATCH LIST
59	202-U	SST	NCPLX	12/2011 - 2/2012	SLUICE, SLUDGE WASH, PRETREAT, LWVP & HWVP	
60	204-U	SST	NCPLX	2/2012 - 4/2012	SLUICE, SLUDGE WASH, PRETREAT, LWVP & HWVP	
61	105-SX	SST	DSSF	4/2012 - 6/2013	SLUICE, SLUDGE WASH, PRETREAT, LWVP & HWVP	HYDROGEN WATCH LIST
62	109-SX	SST	NCPLX	6/2012 - 8/2012	LRA, SLUDGE WASH, PRETREAT, LWVP & HWVP	ASSUMED LEAKER, HIGH HEAT TANK, HYDROGEN WATCH LIST
63	105-BY	SST	NCPLX	6/2012 - 12/2012	LRA, SLUDGE WASH, PRETREAT, LWVP & HWVP	ASSUMED LEAKER, FERROCYANIDE
64	107-SX	SST	NCPLX	8/2012 - 10/2012	LRA, SLUDGE WASH, PRETREAT, LWVP & HWVP	ASSUMED LEAKER, HIGH HEAT TANK
65	111-SX	SST	NCPLX	10/2012 - 1/2013	LRA, SLUDGE WASH, PRETREAT, LWVP & HWVP	ASSUMED LEAKER, HIGH HEAT TANK
66	108-SX	SST	NCPLX	12/2012 - 3/2013	LRA, SLUDGE WASH, PRETREAT, LWVP & HWVP	ASSUMED LEAKER, HIGH HEAT TANK
67	103-BY	SST	NCPLX	12/2012 - 6/2013	LRA, SLUDGE WASH, PRETREAT, LWVP & HWVP	ASSUMED LEAKER, FERROCYANIDE
68	102-SX	SST	DSSF	12/2012 - 10/2013	SLUICE, SLUDGE WASH, PRETREAT, LWVP & HWVP	HYDROGEN WATCH LIST
69	103-SX	SST	NCPLX	2/2013 - 1/2014	SLUICE, SLUDGE WASH, PRETREAT, LWVP & HWVP	HYDROGEN WATCH LIST
70	114-SX	SST	NCPLX	5/2013 - 7/2013	LRA, SLUDGE WASH, PRETREAT, LWVP & HWVP	ASSUMED LEAKER, HIGH HEAT TANK
71	101-SX	SST	DC	5/2013 - 2/2014	SLUICE, SLUDGE WASH, PRETREAT, LWVP & HWVP	HYDROGEN WATCH LIST
72	108-BY	SST	NCPLX	6/2013 - 11/2013	LRA, SLUDGE WASH, PRETREAT, LWVP & HWVP	ASSUMED LEAKER, FERROCYANIDE
73	102-S	SST	DSSF	7/2013 - 4/2014	SLUICE, SLUDGE WASH, PRETREAT, LWVP & HWVP	HYDROGEN WATCH LIST, ORGANICS
74	103-C	SST	NCPLX	9/2013 - 11/2013	SLUICE, SLUDGE WASH, PRETREAT, LWVP & HWVP	ORGANICS
75	110-SX	SST	NCPLX	9/2013 - 11/2013	LRA, SLUDGE WASH, PRETREAT, LWVP & HWVP	ASSUMED LEAKER, HIGH HEAT TANK
76	106-BY	SST	NCPLX	10/2013 - 4/2014	LRA, SLUDGE WASH, PRETREAT, LWVP & HWVP	ASSUMED LEAKER, FERROCYANIDE
77	102-C	SST	DC	11/2013 - 3/2014	SLUICE, SLUDGE WASH, PRETREAT, LWVP & HWVP	

NO.	TANK	TYPE	WASTE TYPE	WHEN RETRIEVED	WHAT HAPPENS	WHY
78	112-SX	SST	NCPLX	1/2014 - 3/2014	LRA, SLUDGE WASH, PRETREAT, LWVP & HWVP	ASSUMED LEAKER, HIGH HEAT TANK
79	104-BY	SST	NCPLX	2/2014 - 8/2014	SLUICE, SLUDGE WASH, PRETREAT, LWVP & HWVP	FERROCYANIDE
80	107-BY	SST	NCPLX	4/2014 - 8/2014	LRA, SLUDGE WASH, PRETREAT, LWVP & HWVP	ASSUMED LEAKER, FERROCYANIDE
81	113-SX	SST	NCPLX	5/2014 - 7/2014	LRA, SLUDGE WASH, PRETREAT, LWVP & HWVP	ASSUMED LEAKER
82	104-C	SST	CC	5/2014 - 8/2014	SLUICE, SLUDGE WASH, PRETREAT, LWVP & HWVP	
83	103-T	SST	NCPLX	6/2014 - 8/2014	LRA, SLUDGE WASH, PRETREAT, LWVP & HWVP	ASSUMED LEAKER
84	111-T	SST	NCPLX	7/2014 - 4/2015	LRA, SLUDGE WASH, PRETREAT, LWVP & HWVP	ASSUMED LEAKER
85	115-SX	SST	NCPLX	9/2014 - 11/2014	LRA, SLUDGE WASH, PRETREAT, LWVP & HWVP	ASSUMED LEAKER
86	109-T	SST	NCPLX	10/2014 - 12/2014	LRA, SLUDGE WASH, PRETREAT, LWVP & HWVP	ASSUMED LEAKER
87	105-B	SST	NCPLX	10/2014 - 2/2015	LRA, SLUDGE WASH, PRETREAT, LWVP & HWVP	ASSUMED LEAKER
88	107-B	SST	NCPLX	4/2015 - 6/2015	LRA, SLUDGE WASH, PRETREAT, LWVP & HWVP	ASSUMED LEAKER
89	106-T	SST	NCPLX	5/2015 - 7/2015	LRA, SLUDGE WASH, PRETREAT, LWVP & HWVP	ASSUMED LEAKER
90	102-BX	SST	NCPLX	6/2015 - 8/2015	LRA, SLUDGE WASH, PRETREAT, LWVP & HWVP	ASSUMED LEAKER, FERROCYANIDE
91	111-BY	SST	NCPLX	6/2015 - 2/2016	SLUICE, SLUDGE WASH, PRETREAT, LWVP & HWVP	FERROCYANIDE
92	112-S	SST	NCPLX	6/2015 - 3/2016	SLUICE, SLUDGE WASH, PRETREAT, LWVP & HWVP	HYDROGEN WATCH LIST
93	111-S	SST	NCPLX	6/2015 - 4/2016	SLUICE, SLUDGE WASH, PRETREAT, LWVP & HWVP	HYDROGEN WATCH LIST
94	111-B	SST	NCPLX	8/2015 - 10/2015	LRA, SLUDGE WASH, PRETREAT, LWVP & HWVP	ASSUMED LEAKER
95	108-T	SST	NCPLX	8/2015 - 10/2015	LRA, SLUDGE WASH, PRETREAT, LWVP & HWVP	ASSUMED LEAKER
96	110-BX	SST	NCPLX	9/2015 - 11/2015	LRA, SLUDGE WASH, PRETREAT, LWVP & HWVP	ASSUMED LEAKER, FERROCYANIDE
97	107-T	SST	NCPLX	11/2015 - 1/2016	LRA, SLUDGE WASH, PRETREAT, LWVP & HWVP	ASSUMED LEAKER, FERROCYANIDE
98	204-B	SST	NCPLX	12/2015 - 2/2016	LRA, SLUDGE WASH, PRETREAT, LWVP & HWVP	ASSUMED LEAKER
99	111-BX	SST	NCPLX	12/2015 - 3/2016	LRA, SLUDGE WASH, PRETREAT, LWVP & HWVP	ASSUMED LEAKER, FERROCYANIDE
100	101-S	SST	NCPLX	1/2016 - 6/2016	SLUICE, SLUDGE WASH, PRETREAT, LWVP & HWVP	
101	112-BY	SST	NCPLX	2/2016 - 5/2016	SLUICE, SLUDGE WASH, PRETREAT, LWVP & HWVP	FERROCYANIDE
102	101-BX	SST	NCPLX	3/2016 - 4/2016	LRA, SLUDGE WASH, PRETREAT, LWVP & HWVP	ASSUMED LEAKER

NO.	TANK	TYPE	WASTE TYPE	WHEN RETRIEVED	WHAT HAPPENS	WHY
103	110-B	SST	NCPLX	4/2016 - 6/2016	LRA, SLUDGE WASH, PRETREAT, LWVP & HWVP	ASSUMED LEAKER
104	108-BX	SST	NCPLX	5/2016 - 6/2016	LRA, SLUDGE WASH, PRETREAT, LWVP & HWVP	ASSUMED LEAKER
105	110-BY	SST	NCPLX	6/2016 - 10/2016	SLUICE, SLUDGE WASH, PRETREAT, LWVP & HWVP	FERROCYANIDE
106	106-BX	SST	NCPLX	7/2016 - 8/2016	SLUICE, SLUDGE WASH, PRETREAT, LWVP & HWVP	FERROCYANIDE
107	112-B	SST	NCPLX	8/2016 - 10/2016	LRA, SLUDGE WASH, PRETREAT, LWVP & HWVP	ASSUMED LEAKER
108	104-A	SST	NCPLX	9/2016 - 10/2016	LRA, SLUDGE WASH, PRETREAT, LWVP & HWVP	ASSUMED LEAKER, HIGH HEAT TANK
109	112-BX	SST	NCPLX	9/2016 - 11/2016	SLUICE, SLUDGE WASH, PRETREAT, LWVP & HWVP	
110	101-BY	SST	NCPLX	10/2016 - 2/2017	SLUICE, SLUDGE WASH, PRETREAT, LWVP & HWVP	FERROCYANIDE
111	105-A	SST	NCPLX	11/2016 - 12/2016	LRA, SLUDGE WASH, PRETREAT, LWVP & HWVP	ASSUMED LEAKER, HIGH HEAT TANK
112	110-S	SST	NCPLX	11/2016 - 4/2017	SLUICE, SLUDGE WASH, PRETREAT, LWVP & HWVP	
113	103-TY	SST	NCPLX	12/2016 - 2/2016	LRA, SLUDGE WASH, PRETREAT, LWVP & HWVP	ASSUMED LEAKER, FERROCYANIDE
114	201-B	SST	NCPLX	12/2016 - 2/2017	LRA, SLUDGE WASH, PRETREAT, LWVP & HWVP	ASSUMED LEAKER
115	104-BX	SST	NCPLX	12/2016 - 2/2017	SLUICE, SLUDGE WASH, PRETREAT, LWVP & HWVP	
116	103-A	SST	DSSF	1/2017 - 4/2017	LRA, SLUDGE WASH, PRETREAT, LWVP & HWVP	ASSUMED LEAKER
117	109-BX	SST	NCPLX	3/2017 - 5/2017	SLUICE, SLUDGE WASH, PRETREAT, LWVP & HWVP	
118	105-S	SST	NCPLX	3/2017 - 9/2017	SLUICE, SLUDGE WASH, PRETREAT, LWVP & HWVP	
119	109-BY	SST	NCPLX	3/2017 - 10/2017	SLUICE, SLUDGE WASH, PRETREAT, LWVP & HWVP	
120	104-TY	SST	NCPLX	4/2017 - 6/2017	LRA, SLUDGE WASH, PRETREAT, LWVP & HWVP	ASSUMED LEAKER, FERROCYANIDE
121	203-B	SST	NCPLX	4/2017 - 6/2017	LRA, SLUDGE WASH, PRETREAT, LWVP & HWVP	ASSUMED LEAKER
122	101-A	SST	DSSF	4/2017 - 2/2018	SLUICE, SLUDGE WASH, PRETREAT, LWVP & HWVP	HYDROGEN WATCH LIST
123	103-BX	SST	NCPLX	6/2017 - 7/2017	SLUICE, SLUDGE WASH, PRETREAT, LWVP & HWVP	
124	106-B	SST	NCPLX	6/2017 - 8/2017	SLUICE, SLUDGE WASH, PRETREAT, LWVP & HWVP	
125	105-TY	SST	NCPLX	7/2017 - 8/2017	LRA, SLUDGE WASH, PRETREAT, LWVP & HWVP	ASSUMED LEAKER
126	106-TY	SST	NCPLX	7/2017 - 8/2017	LRA, SLUDGE WASH, PRETREAT, LWVP & HWVP	ASSUMED LEAKER
127	105-BX	SST	NCPLX	8/2017 - 9/2017	SLUICE, SLUDGE WASH, PRETREAT, LWVP & HWVP	

NO.	TANK	TYPE	WASTE TYPE	WHEN RETRIEVED	WHAT HAPPENS	WHY
128	104-B	SST	NCPLX	8/2017 - 12/2017	SLUICE, SLUDGE WASH, PRETREAT, LWVP & HWVP	
129	109-B	SST	NCPLX	9/2017 - 11/2017	SLUICE, SLUDGE WASH, PRETREAT, LWVP & HWVP	
130	107-BX	SST	NCPLX	9/2017 - 12/2017	SLUICE, SLUDGE WASH, PRETREAT, LWVP & HWVP	
131	110-T	SST	NCPLX	9/2017 - 12/2017	SLUICE, SLUDGE WASH, PRETREAT, LWVP & HWVP	HYDROGEN WATCH LIST
132	101-TY	SST	NCPLX	10/2017 - 12/2017	LRA, SLUDGE WASH, PRETREAT, LWVP & HWVP	ASSUMED LEAKER, FERROCYANIDE
133	102-BY	SST	NCPLX	10/2017 - 1/2018	PRETREAT, LWVP & HWVP	
134	103-S	SST	DSSF	10/2017 - 1/2018	SLUICE, SLUDGE WASH, PRETREAT, LWVP & HWVP	
135	106-A	SST	CP	11/2017 - 1/2018	SLUICE, SLUDGE WASH, PRETREAT, LWVP & HWVP	
136	203-T	SST	NCPLX	12/2017 - 1/2018	SLUICE, SLUDGE WASH, PRETREAT, LWVP & HWVP	
137	108-B	SST	NCPLX	12/2017 - 2/2018	SLUICE, SLUDGE WASH, PRETREAT, LWVP & HWVP	
138	109-S	SST	NCPLX	12/2017 - 5/2018	SLUICE, SLUDGE WASH, PRETREAT, LWVP & HWVP	
139	102-B	SST	NCPLX	12/2017 - 8/2018	SLUICE, SLUDGE WASH, PRETREAT, LWVP & HWVP	
140	103-B	SST	NCPLX	1/2018 - 2/2018	LRA, SLUDGE WASH, PRETREAT, LWVP & HWVP	ASSUMED LEAKER, ORGANICS
141	105-T	SST	NCPLX	2/2018 - 3/2018	SLUICE, SLUDGE WASH, PRETREAT, LWVP & HWVP	
142	102-A	SST	DSSF	2/2018 - 4/2018	SLUICE, SLUDGE WASH, PRETREAT, LWVP & HWVP	
143	202-B	SST	NCPLX	3/2018 - 4/2018	SLUICE, SLUDGE WASH, PRETREAT, LWVP & HWVP	
144	101-T	SST	NCPLX	3/2018 - 5/2018	SLUICE, SLUDGE WASH, PRETREAT, LWVP & HWVP	FERROCYANIDE
145	104-S	SST	NCPLX	3/2018 - 6/2018	LRA, SLUDGE WASH, PRETREAT, LWVP & HWVP	ASSUMED LEAKER
146	101-B	SST	NCPLX	4/2018 - 6/2018	LRA, SLUDGE WASH, PRETREAT, LWVP & HWVP	ASSUMED LEAKER
147	102-AX	SST	CC	4/2018 - 6/2018	LRA, SLUDGE WASH, PRETREAT, LWVP & HWVP	ASSUMED LEAKER
148	107-S	SST	NCPLX	5/2018 - 9/2018	SLUICE, SLUDGE WASH, PRETREAT, LWVP & HWVP	
149	202-T	SST	NCPLX	6/2018 - 7/2018	SLUICE, SLUDGE WASH, PRETREAT, LWVP & HWVP	
150	103-AX	SST	CC	6/2018 - 10/2018	SLUICE, SLUDGE WASH, PRETREAT, LWVP & HWVP	HYDROGEN WATCH LIST
151	106-S	SST	NCPLX	6/2018 - 11/2018	SLUICE, SLUDGE WASH, PRETREAT, LWVP & HWVP	
152	104-AX	SST	NCPLX	7/2018 - 8/2018	LRA, SLUDGE WASH, PRETREAT, LWVP & HWVP	ASSUMED LEAKER

NO.	TANK	TYPE	WASTE TYPE	WHEN RETRIEVED	WHAT HAPPENS	WHY
153	201-T	SST	NCPLX	7/2018 - 8/2018	SLUICE, SLUDGE WASH, PRETREAT, LWVP & HWVP	
154	112-T	SST	NCPLX	8/2018 - 9/2018	SLUICE, SLUDGE WASH, PRETREAT, LWVP & HWVP	
155	108-S	SST	NCPLX	9/2018 - 2/2019	SLUICE, SLUDGE WASH, PRETREAT, LWVP & HWVP	
156	102-T	SST	NCPLX	10/2018 - 11/2018	SLUICE, SLUDGE WASH, PRETREAT, LWVP & HWVP	
157	104-T	SST	NCPLX	11/2018 - 4/2019	SLUICE, SLUDGE WASH, PRETREAT, LWVP & HWVP	
158	101-AX	SST	DSSF	11/2018 - 6/2019	SLUICE, SLUDGE WASH, PRETREAT, LWVP & HWVP	HYDROGEN WATCH LIST
159	204-T	SST	NCPLX	12/2018 - 1/2019	SLUICE, SLUDGE WASH, PRETREAT, LWVP & HWVP	
160	102-TY	SST	NCPLX	12/2018 - 1/2019	SLUICE, SLUDGE WASH, PRETREAT, LWVP & HWVP	
161	101-AN	DST	DN	TBD	PRETREAT, LWVP & HWVP	
162	102-SY	DST	DN/PT	TBD	SLUDGE WASH, PRETREAT, LWVP & HWVP	TRANSFER TANK
163	102-AN	DST	CC	TBD	SLUDGE WASH, PRETREAT, LWVP & HWVP	
164	107-AN	DST	CC	TBD	SLUDGE WASH, PRETREAT, LWVP & HWVP	
165	104-AW	DST	DN	TBD	SLUDGE WASH, PRETREAT, LWVP & HWVP	HYDROGEN WATCH LIST
166	103-AW	DST	DN/PD	TBD	SLUDGE WASH, PRETREAT, LWVP & HWVP	
167	105-AW	DST	DN/PD	TBD	SLUDGE WASH, PRETREAT, LWVP & HWVP	
168	106-AW	DST	DN	TBD	SLUDGE WASH, PRETREAT, LWVP & HWVP	
169	101-AY	DST	DC	TBD	SLUDGE WASH, PRETREAT, LWVP & HWVP	
170	103-AP	DST	DN	TBD	PRETREAT, LWVP & HWVP	
171	105-AP	DST	DSSF	TBD	PRETREAT, LWVP & HWVP	
172	106-AP	DST	DN	TBD	PRETREAT, LWVP & HWVP	
173	107-AP	DST	DN	TBD	PRETREAT, LWVP & HWVP	
174	108-AP	DST	DN	TBD	PRETREAT, LWVP & HWVP	
175	102-AW	DST	DN	TBD	SLUDGE WASH, PRETREAT, LWVP & HWVP	EVAPORATOR FEED TANK
176	102-AP	DST	DN	TBD	PRETREAT, LWVP & HWVP	GROUT FEED TANK
177	104-AP	DST	DN	TBD	PRETREAT, LWVP & HWVP	GROUT FEED TANK

NOMENCLATURE:
CC: COMPLEXANT CONCENTRATES
DSS: DOUBLE SHELL SLURRY
CP: CONCENTRATE PHOSPHATE
DC: DILUTE COMPLEXED WASTE
PD/PN: PLUTONIUM-URANIUM EXTRACTION (PUREX) NEUTRALIZED CLADDING REMOVAL WASTE (NCRW), TRANSURANIC WASTE (TRU)
NCAW: NEUTRALIZED CURRENT ACID WASTE
DSSF: DOUBLE SHELL SLURRY FEED
NCPLX: NON-COMPLEXED WASTE
DN: DILUTE NON-COMPLEXED WASTE
PT: PLUTONIUM FINISHING PLANT (PFP) TRU SOLIDS

APPENDIX D.1

CONFIGURATION DRAWINGS:
CANDIDATE SINGLE-SHELL TANKS FOR LIGHT-DUTY UTILITY ARM HOT TESTING

LIST OF FIGURES

1. 241-T-106 . . . . . D.1-1
2. 241-T-109 . . . . . D.1-2
3. 241-T-112 . . . . . D.1-3
4. 241-AX-104 (1 of 3) D.1-4
5. 241-AX-104 (2 of 3) D.1-5
6. 241-AX-104 (3 of 3) D.1-6
7. 241-TY-106 . . . . . D.1-7
8. 241-BX-109 . . . . . D.1-8
9. 241-TX-111 . . . . . D.1-9

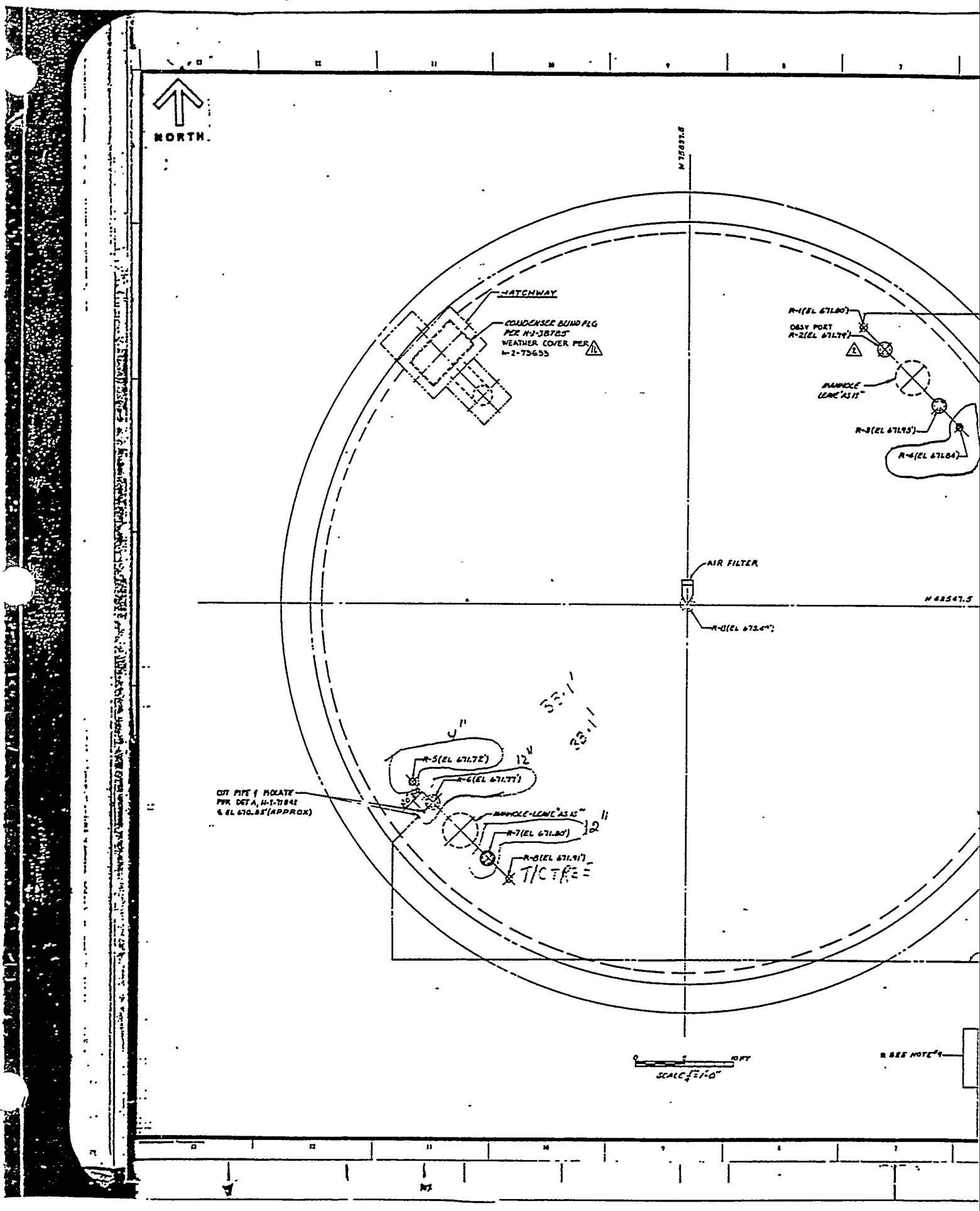

NORTH
N 73691.8
HATCHWAY
CONDENSER BLIND FLG
PER H-1-38785
WEATHER COVER PER
H-2-73633
R-4(EL 671.80')
OBSV PORT
R-2(EL 671.79')
MANHOLE
LEAK "AS IS"
R-3(EL 671.93')
R-4(EL 671.84')
AIR FILTER
N 68547.5
R-1(EL 673.47')
53.1'
53.1'
R-5(EL 671.72')
R-6(EL 671.77')
CUT PIPE & PICKATE
PER DET A, H-1-11842
@ EL 670.88'(APPROX)
MANHOLE-LEAK "AS IS"
R-7(EL 671.80')
R-8(EL 671.91')
T/C TYP
0 5 10 FT
SCALE 1/8"=1'-0"
SEE NOTE 9

Figure D-1. Tank T-106.

NOZZLE AND RISER SCHEDULE			
NOZZLE NO	SIZE	IDENTIFICATION	REFERENCE AND COMMENTS
1 241-T-106-R-1	4"	FIC LEVEL GAUGE	LEAVE "AS IS", NO REGASKETING REQD
2 R-2	12"	OBSV PORT	SEE DWG H-2-95721 (PROJ B-122)
R-3	12"	SPARE	SEE NOTE "5"
✓ R-4	4"	SPARE	SEE NOTE "5"
✓ R-5	4"	LIQUID LEVEL REEL	REMOVE LIQUID LEVEL REEL & INSTALL BLIND FLG PER DET 1, H-2-73490
✓ R-6	12"	SPARE	SEE NOTE "5"
✓ R-7	12"	LIQUID LEVEL REEL	REMOVE LIQUID LEVEL REEL & INSTALL BLIND FLG PER DET 1, H-2-73490
R-8	4"	THERMOCOUPLE	LEAVE "AS IS"
R-9	12"	SPARE	INSTALL AIR FILTER PER DWG H-2-69745
N-1	3"	OVERFLOW-INLET	LEAVE "AS IS"
N-2	3"	INLET NOZZLE	LEAVE "AS IS"-PLUGGED PER HNF-7743
N-3	3"	INLET NOZZLE	LEAVE "AS IS"-SEALED IN DB BOX 241-T-105(H-2-73062)
N-4	3"	INLET NOZZLE	LEAVE "AS IS"-PLUGGED PER HNF-7743
N-5	3"	INLET NOZZLE	

NOTES:

1. APPROX GRADE EL AT CENTER OF TANK 671.5'.
2. SEE DWG INDEX (H-2-73051) FOR DWG NUMBERS NOT LISTED IN REFERENCE COLUMN.
3. RISER EL SHOWN ARE AT FACE OF RISER FLANGE.
4. RISER ELEVATIONS NOT SHOWN ON DWG ARE TO BE DETERMINED & RECORDED BY THE CONSTRUCTION CONTRACTOR (TO A MAX DEPTH OF 3'-0" BELOW GRADE).
5. ALL EXIST FLANGE CONNECTIONS (ABOVE GRADE AND DOWN TO 3'-0" BELOW GRADE) ARE TO BE REGASKETED (EXCEPT IN PITS W/WEATHER COVER). USE ⅛" THK BLUE ASBESTOS GASKET.
6. INSTALL ⅛" THK BLUE ASBESTOS GASKET W/INSTALLATION OF NEW BLIND FLANGE.
7. ALL CONSTRUCTION PER SPEC B-MS-C1.
8. RISERS & EQUIPMENT AT GRADE SHALL BE SHIELDED TO LIMIT RADIATION LEVELS TO 10 MR/HR ON CONTACT WITH GROUND.
9. # (ASTERISK) - DENOTES REFERENCES NOT PERTINENT TO NEW CONSTRUCTION ("AS BUILT" TANK FARM ISOLATION).

5" WASTE LINE PER H-2-7925 SEE DWG H-2-73052 FOR CONTINUATION

EL 650.46'

SCHED 40 (FOR LINE CONTINUATION SEE H-2-73062)

NOV 30 1994

CAUTION
NOT COMPLETE WITHOUT
CURRENT STATUS OF OUTSTANDING
ECNS FROM DATA BASE

GOTO

TANK FARM 241-T
KEY PLAN

HNTED JOB NO R02342

U. S. Department of Energy
Richland Operations Office

PIPING
WASTE TANK ISOLATION
241-T-106

H-2-73055

NORTH

NOTES: (CONT)

12. CLOUDED AREA TO BE ISOL
PUMPING

13. AT CONCLUSION OF SALT W
ISOLATE WT FACTOR ENCL
OF SALT WELL PUMPING FO
FACTOR ENCL PER DET 5 H-
H-2-73634 SH 11

14. TO ISOLATE SALTWELL P
REMOVE CIRCUIT BREAK
DISTRIBUTION CENTER
AT PUMPING COMPLETI

N 72632.5

8"-HS (TEXWSFEX) FOR ISOLATION SEE 244 TE RECEIVER VAULT H-2-73113

R-1(EL 671.80')

R-2(EL 671.84')

42"ø MH(LEAVE AS IS)

AIC FILTER

R-3(EL 671.83')

R-4(EL 671.80')

4"

SALT WELL PUMP PIT H-2-88577 H-2-73979

WEATHER COVER REF H-2-73633 (SEE NOTE "B")

T.E. (EL 683.0' REF)

U-1

DRAIN, LEAVE AS IS

N 43447.6

M-1

R-11(EL 668.08')

MOTOR CONTROL CENTER (SEE NOTES "7 & 8")

WEIGHT FACTOR INCL ISOLATION PER NOTE 13

4"

R-5(EL 671.80')

R-6(EL 671.82')

42" MH(LEAVE AS IS)

R-7(EL 671.81')

R-8(EL 671.84')

T/C TREE

M-2

M-3

M-4

M-5

0' 5' 10 FT

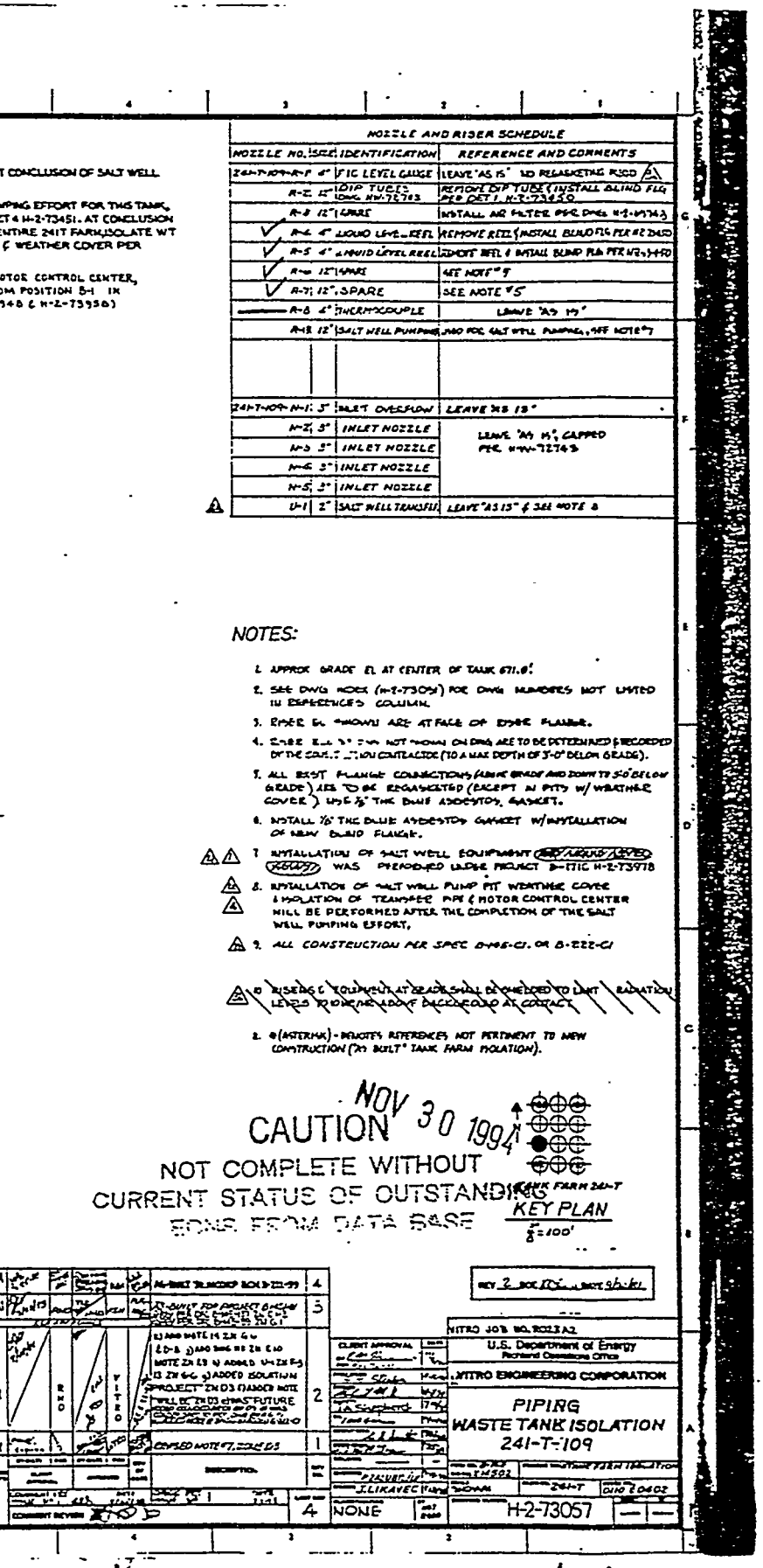
SCALE: 1"=10'

SEE NOTE "11"

D-227-C1	CONSTRUCTION SPEC
H-2-73185	PLOT PLAN
H-2-73193	25'-0" STORAGE TANK
H-2-88577	SALT WELL PUMP PIT AR
H-2-88580	SALT WELL PUMP PIT INST
H-2-37804	RISER ELEVATION
H-2-C1	CONSTRUCTION SPEC
H-2-73014	DWG INDEX
	DRAWING LIST
	SYMBOLS
	REFERENCES

NEXT USED ON

Figure D-2. Tank T-109.



NOZZLE AND RISER SCHEDULE

NOZZLE NO.	SIZE	IDENTIFICATION	REFERENCE AND COMMENTS
241-T-109 R-1	4"	FIC LEVEL GAUGE	LEAVE "AS IS" NO RELOCATING REQD
R-2	12"	DIP TUBES (ONE HW-72703)	REMOVE DIP TUBE (INSTALL BLIND FLG PER DET 1, H-2-73450
R-3	12"	SPARE	INSTALL AIR FILTER PER DWG H-2-69743
R-4	4"	LIQUID LEVEL REEL	REMOVE REEL (INSTALL BLIND FLG PER #2 DWG)
R-5	4"	LIQUID LEVEL REEL	REMOVE REEL & INSTALL BLIND FLG PER H-2-73450
R-6	12"	SPARE	SEE NOTE "4"
R-7	12"	SPARE	SEE NOTE "5"
R-8	4"	THERMOCOUPLE	LEAVE "AS IS"
R-9	12"	SALT WELL PUMPING	SEE DWG FOR SALT WELL PUMPING, SEE NOTE "7"
241-T-109 N-1	3"	INLET OVERFLOW	LEAVE "AS IS"
N-2	3"	INLET NOZZLE	LEAVE "AS IS", CAPPED PER H-14-72743
N-3	3"	INLET NOZZLE	
N-4	3"	INLET NOZZLE	
N-5	3"	INLET NOZZLE	
U-1	2"	SALT WELL TRANSFER	LEAVE "AS IS" & SEE NOTE 8

NOTES:

1. APPROX GRADE EL AT CENTER OF TANK 671.8'
2. SEE DWG INDEX (H-2-73091) FOR DWG NUMBERS NOT LISTED IN REFERENCES COLUMN.
3. RISER EL SHOWN ARE AT FACE OF RISER FLANGE.
4. RISER ELS NOT SHOWN ON DWG ARE TO BE DETERMINED & RECORDED BY THE CONTRACTOR (TO A MAX DEPTH OF 3'-0" BELOW GRADE).
5. ALL BOLT FLANGE CONNECTIONS (ABOVE GRADE AND DOWN TO 5'0" BELOW GRADE) ARE TO BE REGASKETED (EXCEPT IN PITS W/ WEATHER COVER) USE 1/8" THK BLUE ASBESTOS GASKET.
6. INSTALL 1/8" THK BLUE ASBESTOS GASKET W/INSTALLATION OF NEW BLIND FLANGE.
7. INSTALLATION OF SALT WELL EQUIPMENT (SALT WELL PUMP, LIQUID LEVEL REELS) WAS PERFORMED UNDER PROJECT B-171C H-2-73978
8. INSTALLATION OF SALT WELL PUMP PIT WEATHER COVER & ISOLATION OF TRANSFER PIPE & MOTOR CONTROL CENTER WILL BE PERFORMED AFTER THE COMPLETION OF THE SALT WELL PUMPING EFFORT.
9. ALL CONSTRUCTION PER SPEC D-185-CI, OR B-222-CI
10. RISERS & EQUIPMENT AT GRADE SHALL BE SHIELDED TO LIMIT RADIATION LEVELS TO THOSE ABOVE BACKGROUND AT CONTACT.
11. *(ASTERISK) - DENOTES REFERENCES NOT PERTINENT TO NEW CONSTRUCTION ("AS BUILT" TANK FARM ISOLATION).

NOV 30 1994

CAUTION

NOT COMPLETE WITHOUT CURRENT STATUS OF OUTSTANDING ECNS FROM DATA BASE

TANK FARM 241-T KEY PLAN

1" = 100'

NITRO JOB NO. RC13A2

U.S. Department of Energy
Richland Operations Office

NITRO ENGINEERING CORPORATION

PIPING
WASTE TANK ISOLATION
241-T-109

H-2-73057

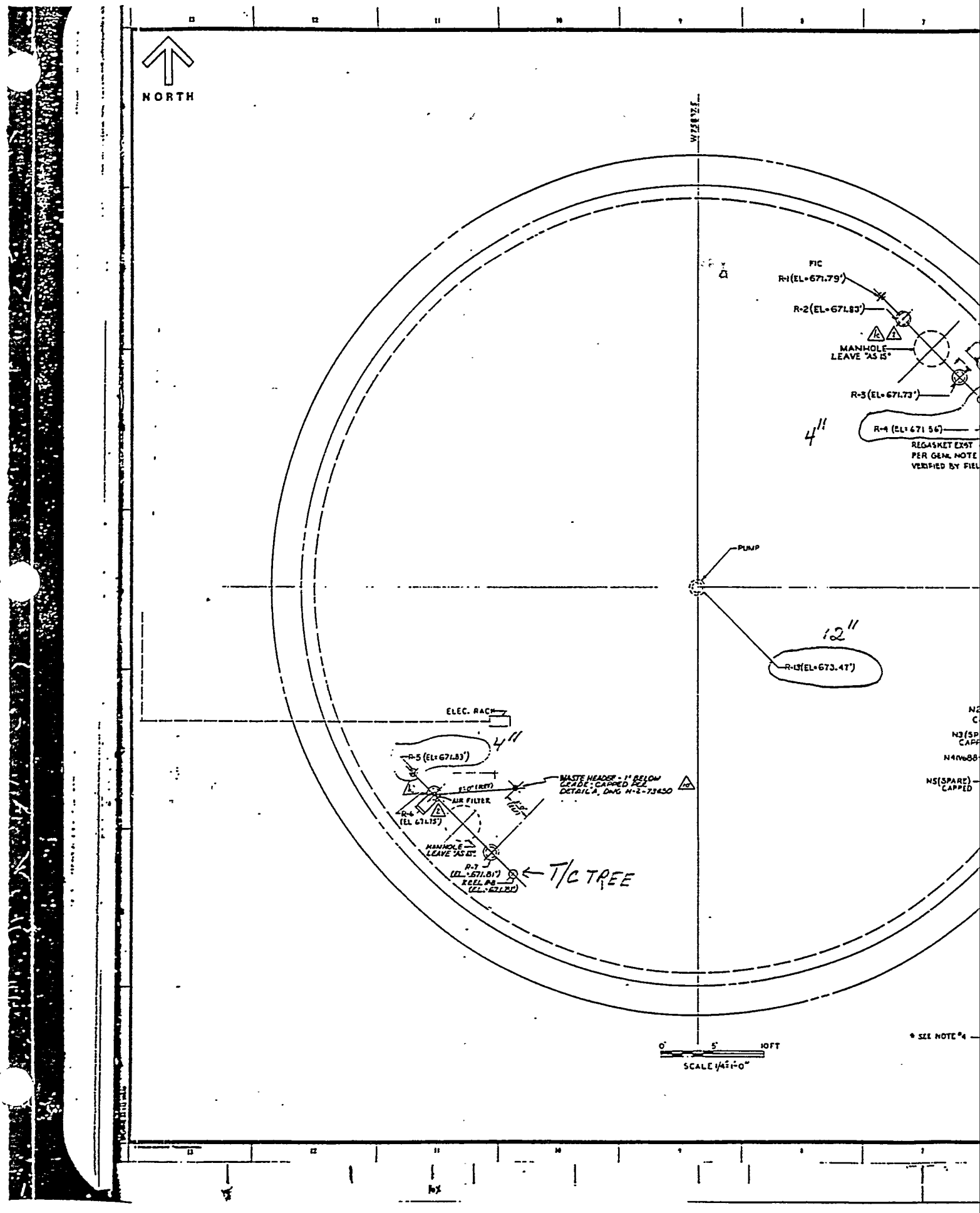
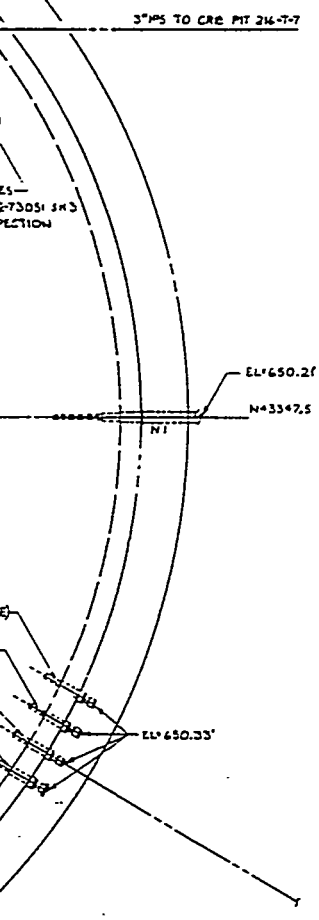

NORTH
W 725'-2" F.
FIC
R-1 (EL=671.79')
R-2 (EL=671.83')
MANHOLE LEAVE "AS IS"
R-3 (EL=671.73')
4"
R-4 (EL=671.56')
REGASKET EXST PER GEN. NOTE
PUMP
12"
R-13 (EL=673.47')
ELEC. RACK
4"
R-5 (EL=671.83')
WASTE HEADER - 1' BELOW GRADE - CAPPED PER DETAIL A, DWG N-2-73450
AIR FILTER
R-6 (EL 671.15')
MANHOLE LEAVE "AS IS"
R-7 (EL=671.81')
REEL #8 (EL=671.82')
T/C TREE
N3 (SP CAPP
N4 (w88
N5 (SPARE) CAPPED
* SEE NOTE #4
0' 5' 10FT
SCALE 1/4"=1'-0"

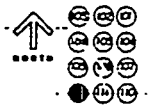
Figure D-3. Tank T-112.

NOZZLE AND RISER SCHEDULE			
RISER NO.	SIZE	IDENTIFICATION	REFERENCE AND COMMENT
241-T-112-R1	4"	FIC LEVEL GAUGE	LEAVE AS IS ; NO REGASKETING REQD
R2	12"	OBSERVATION PORT	SEE DWG H-2-95726 PER PROJECT B-222
R3	12"	THERMOCOUPLE	SEE GENL NOTE #2 H-2-73051 SH 3
R4	4"	LIQUID LEVEL TAPE	REMOVE & BLIND FLG PER DET 1, H-2-73456
R5	4"	SPARE	CUT INSERT LOOSE FROM RISER & BLIND FLANGE
R6	12"	AIR FILTER	AIR FILTER PER DWG H-2-69748
R7	12"	PLUG	SEE GENERAL NOTE 2 H-2-73051 SH 3
R8	4"	THERMOCOUPLE	LEAVE AS IS
R13	12"	PUMP	REMOVE PUMP / INSTALL BLIND FLANGE SEE DET 1 H-2-73450
NOZZLE NO.			
241-T-112-N1	3"	OVERFLOW	LEAVE AS IS
N2	3"	SPARE	LEAVE AS IS; CAPPED PER HW-72743
N3	3"	SPARE	
N4	3"	DRAIN	SEAL IN DIVERSION BOX 241-T 153
N5	3"	SPARE	LEAVE AS IS; CAPPED PER HW-72743

NOTES

1. FOR GENERAL NOTES / LEGEND SEE DWG H-2-73051 SH3.
2. APPROX GRADE EL AT CENTER OF TANK 672.00'
3. SEE DWG INDEX (H-2-73051) FOR DWG NUMBERS NOT LISTED IN REFERENCE COLUMN
4. # DENOTES REFERENCES NOT PERTINENT TO NEW CONSTRUCTION (AS BUILT TK INFORMATION).





TANK FARM 241-T

KEY PLAN

CAUTION NOV 30 1994

NOT COMPLETE WITHOUT

CURRENT STATUS OF OUTSTANDING ECNS FROM DATA BASE

RELEASED FOR CONSTRUCTION BY _____ DOE DATE 11/1/94

H-2-72450	PIPING ISOLATION DETAILS PIPES RISER CLOSURE
H-2-73052	PIPING WASTE TK ISOLATION 241-T TK FARM PLOT PLAN
H-2-38617	ELEC PLOT PLAN SALT WELL
H-2-38596	SALT WELL PUMP PIT ARR
HW-73382	PLOT PLAN
HW-72743	75'-0 STORAGE TANK
H-2-37909	RISER ELEVATIONS
H-2-42351	PIPING UNDERGROUND PROCESS
B-181-C1	CONSTRUCTION SPEC
H-2-73051	DRAWING LIST
NUMBER	TITLE
REFERENCES	
NOT USED ON	

AS-BUILT FOR PROJECT B-222 DFC B-222-T2 & ELT.3 FT & C-11 | 2

1

CONSTRUCTION APPROVED

DESCRIPTION

REVISIONS

CONSTRUCTION REVISION 2

NONE

NOT REQD

VITRO JOB Nº R13A2

U.S. Department of Energy Richland Operations Office

VITRO ENGINEERING CORPORATION

PIPING

WASTE TANK ISOLATION 241-T-112

SHOWN 241-T

H-2-73065

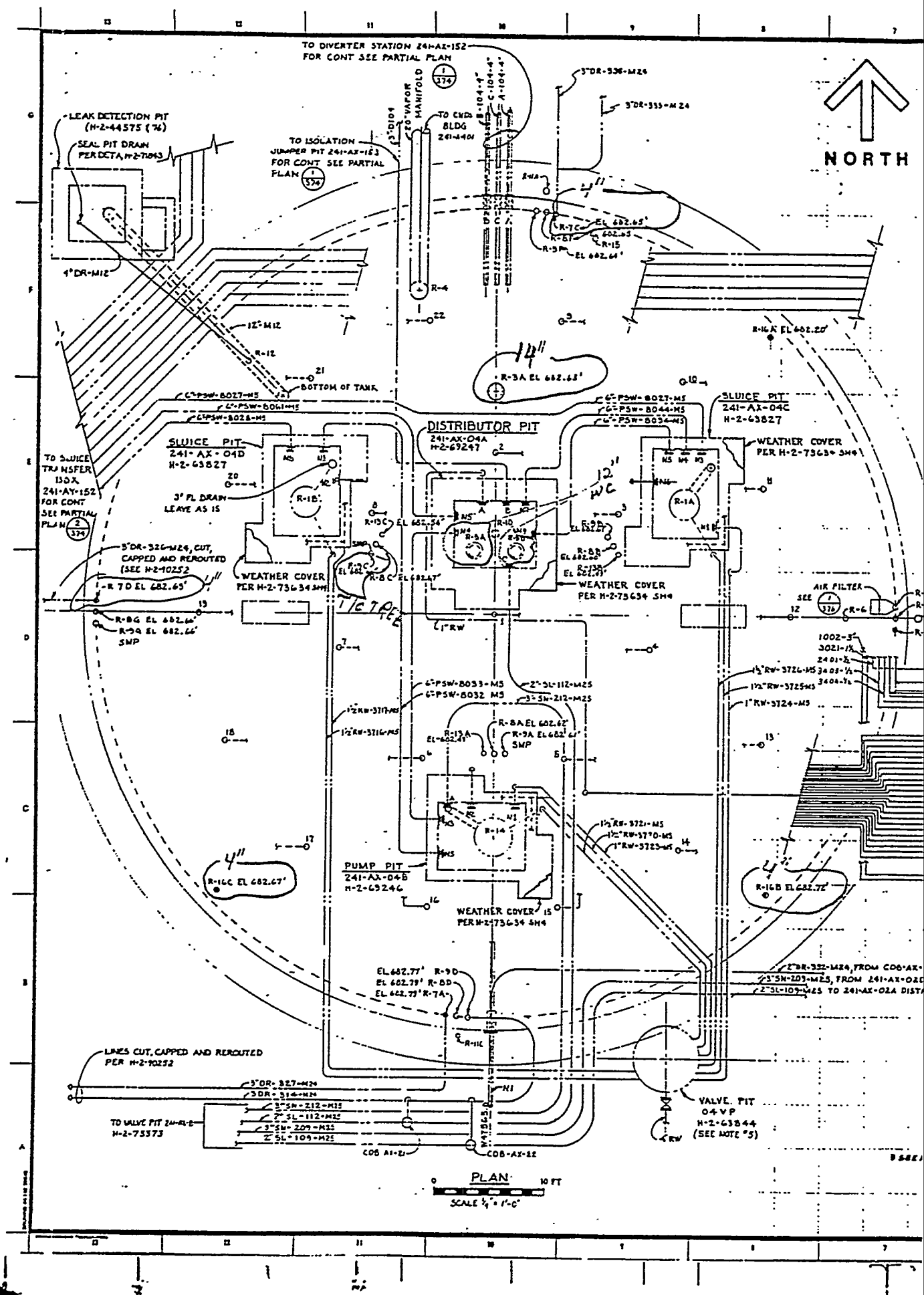

TO DIVERTER STATION 241-AZ-152
FOR CONT SEE PARTIAL PLAN
NORTH
LEAK DETECTION PIT
(H-2-44575 (76)
SEAL PIT DRAIN
PER DCTA, H-2-71043
TO ISOLATION
JUMPER PIT 241-AX-153
FOR CONT SEE PARTIAL
PLAN
TO CWD
BLDG
241-A-401
3"DR-336-M24
3"DR-333-M24
4"DR-M12
12"-M12
BOTTOM OF TANK
R-4
R-12
R-3A EL 682.63'
R-16A EL 682.20'
SLUICE PIT
241-AX-04C
H-2-63827
DISTRIBUTOR PIT
241-AX-04A
H-2-69247
WEATHER COVER
PER H-2-73634 SH4
SLUICE PIT
241-AX-04D
H-2-63827
TO SLUICE
TRANSFER
BOX
241-AY-152
FOR CONT
SEE PARTIAL
PLAN
3" FL DRAIN
LEAVE AS IS
R-1B
R-1A
R-1C EL 682.54'
R-8C EL 682.47'
R-8B
EL 682.58'
R-8A EL 682.62'
R-9A EL 682.61'
SMP
R-9C
EL 682.
R-9B EL 682.66'
3"DR-326-M24, CUT,
CAPPED AND REROUTED
(SEE H-2-90252
R-7D EL 682.65'
R-7C
R-7B
R-7A
EL 682.64'
R-15
AIR FILTER
SEE
R-6
1"RW
6"PSW-8033-M5
6"PSW-8032-M5
2"SL-112-M25
3"SW-212-M25
1½"RW-3717-M5
1½"RW-3716-M5
R-13A
EL 682.49'
R-14
PUMP PIT
241-AX-04B
H-2-69246
WEATHER COVER
PER H-2-73634 SH4
1½"RW-3721-M5
1½"RW-3720-M5
1"RW-3723-M5
R-16C EL 682.67'
R-16B EL 682.72'
1002-3"
3021-1½
2401-2
3405-1½
3404-1
1½"RW-3726-M5
1½"RW-3725-M5
1"RW-3724-M5
EL 682.77' R-9D
EL 682.79' R-8D
EL 682.73' R-7A
R-11C
2"DR-332-M24, FROM C08-AX-
3"SW-209-M25, FROM 241-AX-02
2"SL-109-M25 TO 241-AX-02A DIST
LINES CUT, CAPPED AND REROUTED
PER H-2-90252
3"DR-327-M24
3DR-314-M24
3"SW-212-M25
2"SL-112-M25
3"SW-209-M25
2"SL-109-M25
TO VALVE PIT 241-AY-2
H-2-75373
C08 A1-21
C08-AX-22
VALVE PIT
04VP
H-2-63844
(SEE NOTE "5)
PLAN
SCALE ½" = 1'-0"
10 FT

Figure D-4. Tank AX-104 (1 of 3).

PUMP PIT 241-AX-04B			
N-1	2"	NOZZLE	SEE NOTE Nº 2
N-2	4"		LEAVE "AS IS"
N-3	4"		
N-5	4"		
A	2"		LEAVE "AS IS" ISOLATED IN VALVE PIT 241-A3-B
SLUICE PIT 241-AX-04C			
N-1	2"	NOZZLE	LEAVE AS IS SEE NOTE "5
N-3	4"		LEAVE "AS IS" ISOLATED IN SLUICE TRANSFER BOX 241-AY-152
N-4	4"		LEAVE "AS IS"
N-5	4"		
N-6	4"		
SLUICE PIT 241-AX-04D			
N-2	4"	NOZZLE	LEAVE "AS IS"
N-3	4"		
N-5	4"		LEAVE "AS IS" ISOLATED IN SLUICE TRANSFER BOX 241-AY-152

NOZZLE & RISER SCHEDULE				
RISER Nº	SIZE	IDENTIFICATION	REFERENCE & COMMENTS	
241-A3-104-R-1A	34"	SLUICE PIT 241-A3-04C	LEAVE "AS IS"	
R-1B	34"	SLUICE PIT 241-A3-04D		
R-2A	14"	OBSERVATION PORT	SEE DWG H-2-95726 (PROJ B-111)	C
R-4	20"	VAPOR OUTLET	LEAVE "AS IS"	
R-5A	12"	PUMP MOUNT		
R-5B	12"			
R-6	4"	TANK PRESSURE	SEE NOTE 6	
R-7A	4"	TEMP PROFILE	LEAVE "AS IS"; REGASKET	
R-7B	4"	PROFILE TEMP.	LEAVE AS IS SEE GEN. NOTE "2	
R-7C	4"	DRAIN-COB	LEAVE AS IS COB IS TO BE SEALED ON A FUTURE PROJECT	
R-7D	4"	DRAIN-VALVE PITS	LEAVE AS IS DRAIN LINE CAPPED & REROUTED ON H-2-70652	
R-8A	6"	DRY WELL	LEAVE AS IS SEE GENERAL NOTE Nº 2	F
R-8B	6"			
R-8C	6"			
R-8D	6"			
R-8E	6"			
R-8F	6"			
R-8G	6"			
R-9A	6"	LIQUID LEVEL REEL	LEAVE "AS IS"; DO NOT REGASKET	
R-9B	6"	F.I.C.	LEAVE "AS IS"; DO NOT REGASKET	
R-9C	6"	TEMP PROBE	LEAVE AS IS SEE GEN. NOTE "2, REGASKET	
R-9D	6"	DRAIN-COB-AX-21&22	LEAVE AS IS (LINE CAPPED AND REROUTED ON H-2-70652)	
R-9E	6"	SLUDGE LEVEL	REMOVE PLUG & INSTALL AIR FILTER PER H-2-69745	
R-9F	6"	SLUDGE LEVEL	LEAVE "AS IS"; REGASKET	E
R-9H	6"			
R-10	4"	PUMP PIT DRAIN 241-AX-04A	LEAVE "AS IS"	
R-11A	3/4"	STRUCTURAL THERMOCOUPLES	(THERMOCOUPLES TERMINATE IN DOME OF CONCRETE) LEAVE "AS IS" DO NOT REGASKET	
R-11B	3/4"			
R-11C	3/4"			
R-12	4"	LEAK DETECTION PIT DRAIN	LEAVE "AS IS"	
R-13A	4"	TEMPERATURE ELEMENT	LEAVE "AS IS" WEATHER COVER	D
R-13B	4"			
R-13C	4"			
R-14	4"	SLUDGE SLUICE	LEAVE "AS IS"	
R-15	4"	CONDENSATE ADDITION		
R-16A	4"	TEMPERATURE ELEMENT	REGASKET. INSTALL BLIND FLANGE PER DET 1, H-2-73450 (TEMP ELEMENTS NOT THERE)	
R-16B	4"			
R-16C	4"			
1 THRU 22	6"	AIRLIFT CIRCULATORS	LEAVE "AS IS" CAPPED IN MSTR ENCL	
NOZZLE Nº				
241-AX-104-N1	4"	SPARE	LEAVE "AS IS"	
A	4"	104 (FILL)	LEAVE "AS IS" ISOLATED IN DIVERTER STATION 241-AX-152	C
B	4"	104 (FILL)		
C	4"	104 (FILL)		
DISTRIBUTOR PIT-241-AX-04A				
N-4	4"	NOZZLE	LEAVE "AS IS"	
N-5	4"		LEAVE "AS IS" ISOLATED IN SLUICE TRANSFER BOX 241-AY-152	
N-7	4"		LEAVE "AS IS"	
N-9	4"			
A	1"		LEAVE "AS IS" ISOLATED IN INSTRUMENT ENCLOSURE 241-AX-801B	
B	3"		LEAVE "AS IS" ISOLATED IN ISOLATION JUMPER PIT 241-AX-153	
C	2"		LEAVE "AS IS" ISOLATED IN VALVE PIT 241-AX-B (SEE H-2-73373)	B

INSTRUMENT ENCLOSURE 241-AX-801B H-2-44673

NOTES:

1. FOR GENERAL NOTES AND LEGEND SEE DWG H-2-73051 SH 3.
2. APPROXIMATE GRADE EL AT CENTER OF TANK IS 651.67'
3. SEE DWG INDEX(H-2-73051) FOR DWG NUMBERS NOT LISTED IN REFERENCE COLUMN.
4. Ø DENOTES REFERENCES NOT PERTINENT TO NEW CONSTRUCTION (AS-BUILT TANK INFORMATION)
5. RAW WATER LINES ISOLATED BY PROJECT B-139 (H-2-70823)
6. FILL CONC CAISSON SURROUNDING EACH RISER W/WEATHER COVER UP TO A LEVEL ABOVE THE RISER FLANGE. REPLACE CONC COVER OVER CAISSON.

CAUTION
NOT COMPLETE WITHOUT
CURRENT STATUS OF OUTSTANDING
ECNS FROM DATA BASE
NOV 30 1994

RELEASED FOR CONSTRUCTION BY [illegible] DATE 2-6-95 BOE

H-2-63936	PIPING PLAN-SLUICING
H-2-68240	104-AX TANK AS-BUILT
H-2-44960	DOME PLAN
H-2-69241	PIPING PLAN-241-AX TK FARM
H-2-73051	DRAWING LIST

NUMBER | TITLE | REFERENCE

AS-BUILT FOR PROJECT B-111 DFS 3-111-19 & 6L2.3

CLIENT APPROVAL | APPROVED | COMMENTS

VITRO JOB Nº R.31A.2

U.S. Department of Energy, Richland Operations Office

VITRO ENGINEERING CORPORATION

PIPING

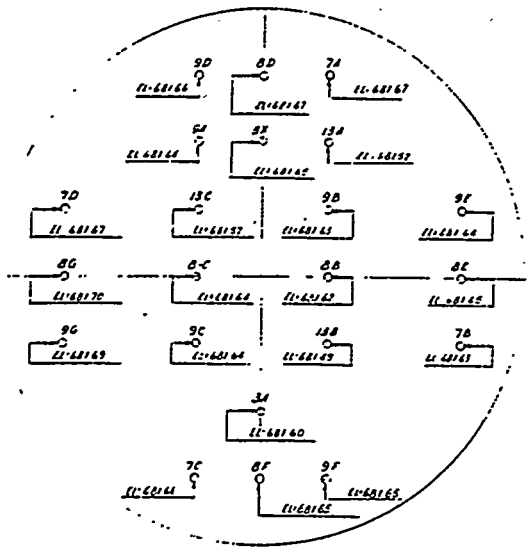
WASTE TANK ISOLATION

241-AX-104

SHOWS 241-AX

2	NONE	NOT REQD	H-2-73382

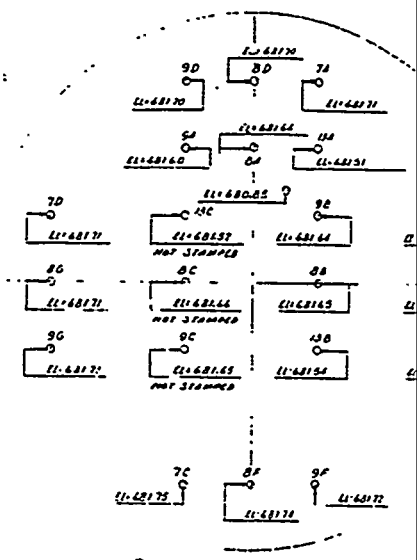
D.1-4



241-AX-103

℄ INSIDE TK BOT EL·670.42

REF. M-2-68229



241-AX-101

℄ INSIDE TK BOT EL·670.42

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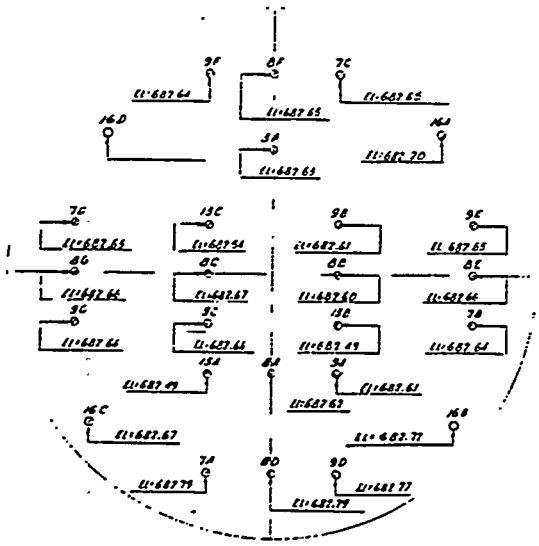
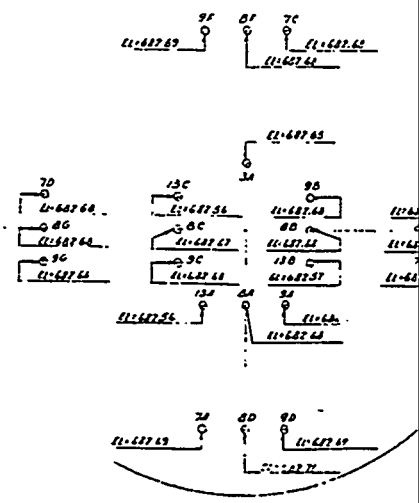


241-AX-104

℄ INSIDE TK BOT EL·670.42

REF M-2-68240

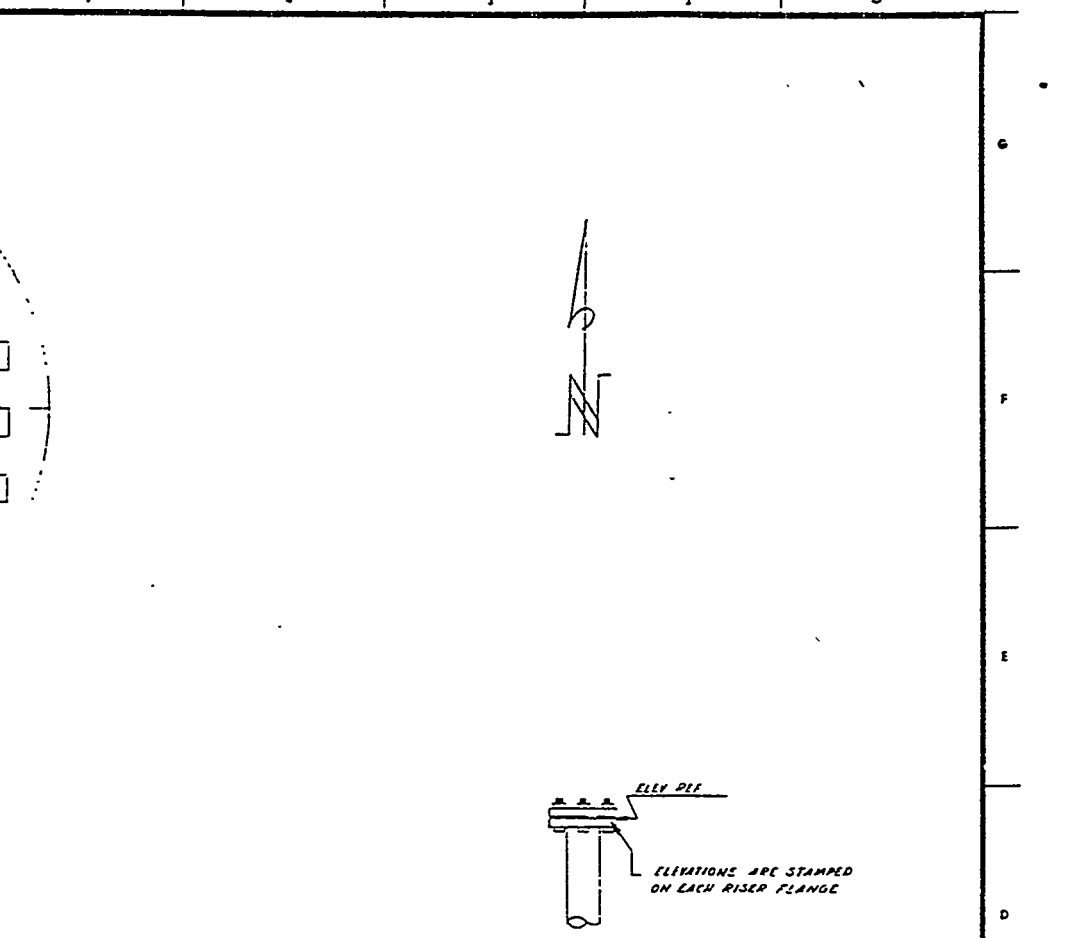


241-AX-102

℄ TK. INSIDE BOT EL·670.42

REF M-2-68238

Figure D-5. Tank AX-104 (2 of 3).



NOTES:

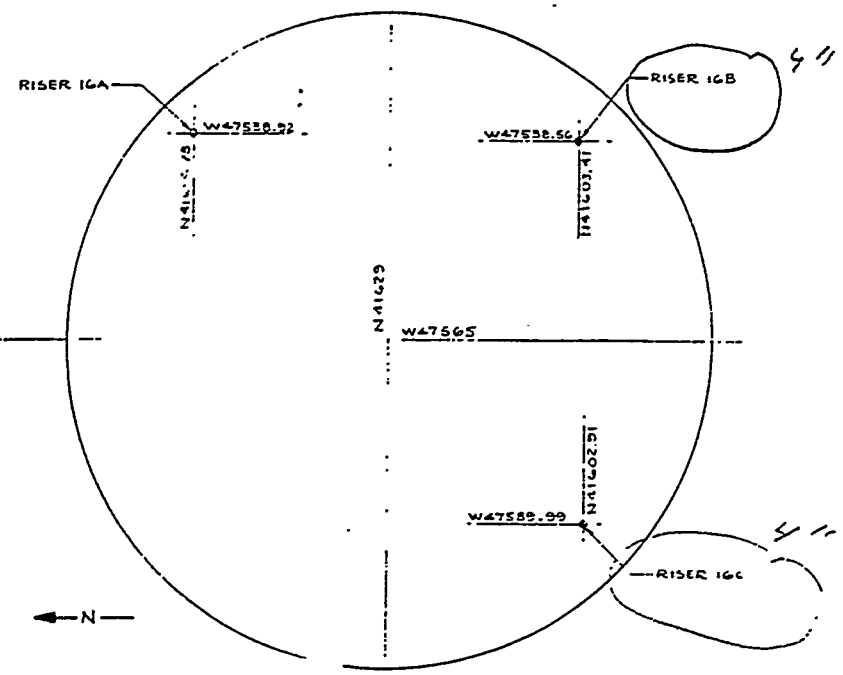
1. RISER ELEVATIONS SHOWN ARE FROM ACTUAL SURVEY OF ACCESSIBLE RISERS IN OCTOBER 1978.
2. LEGEND:
   - FIC - LOCATION OF 'FIC' LEVEL GAGE
   - REEL - LOCATION OF LEVEL REEL
   - TP - LOCATION OF TEMP. PROBE
3. TANKS HAVE FLAT BOTTOMS.

CAUTION
NOT COMPLETE WITHOUT
CURRENT STATUS OF OUTSTANDING
FROM DATA BASE

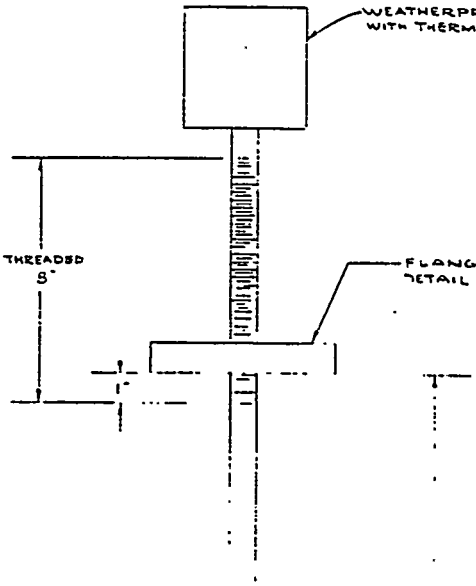
U. S. ATOMIC ENERGY COMMISSION
RICHLAND OPERATIONS OFFICE
AUTOMATION INDUSTRIES, INC.
VITRO ENGINEERING DIVISION

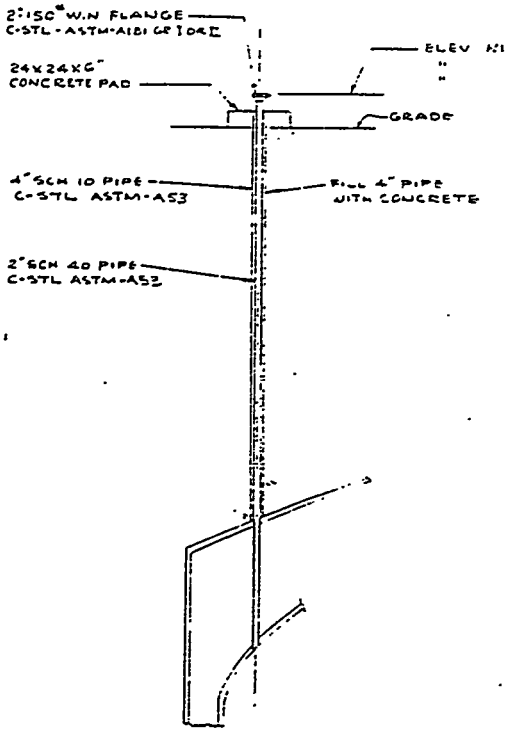
RISER ELEVATIONS

NONE
NOT REQD
NONE
H-2-37854

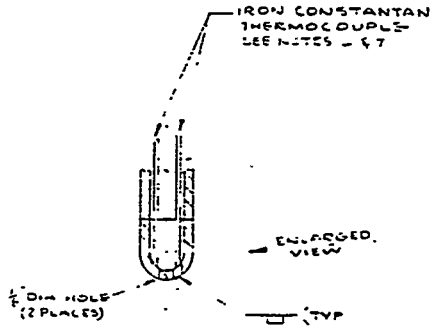


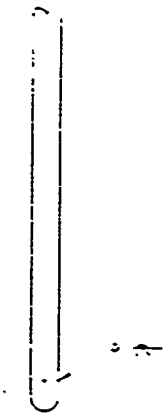
DOME PLAN





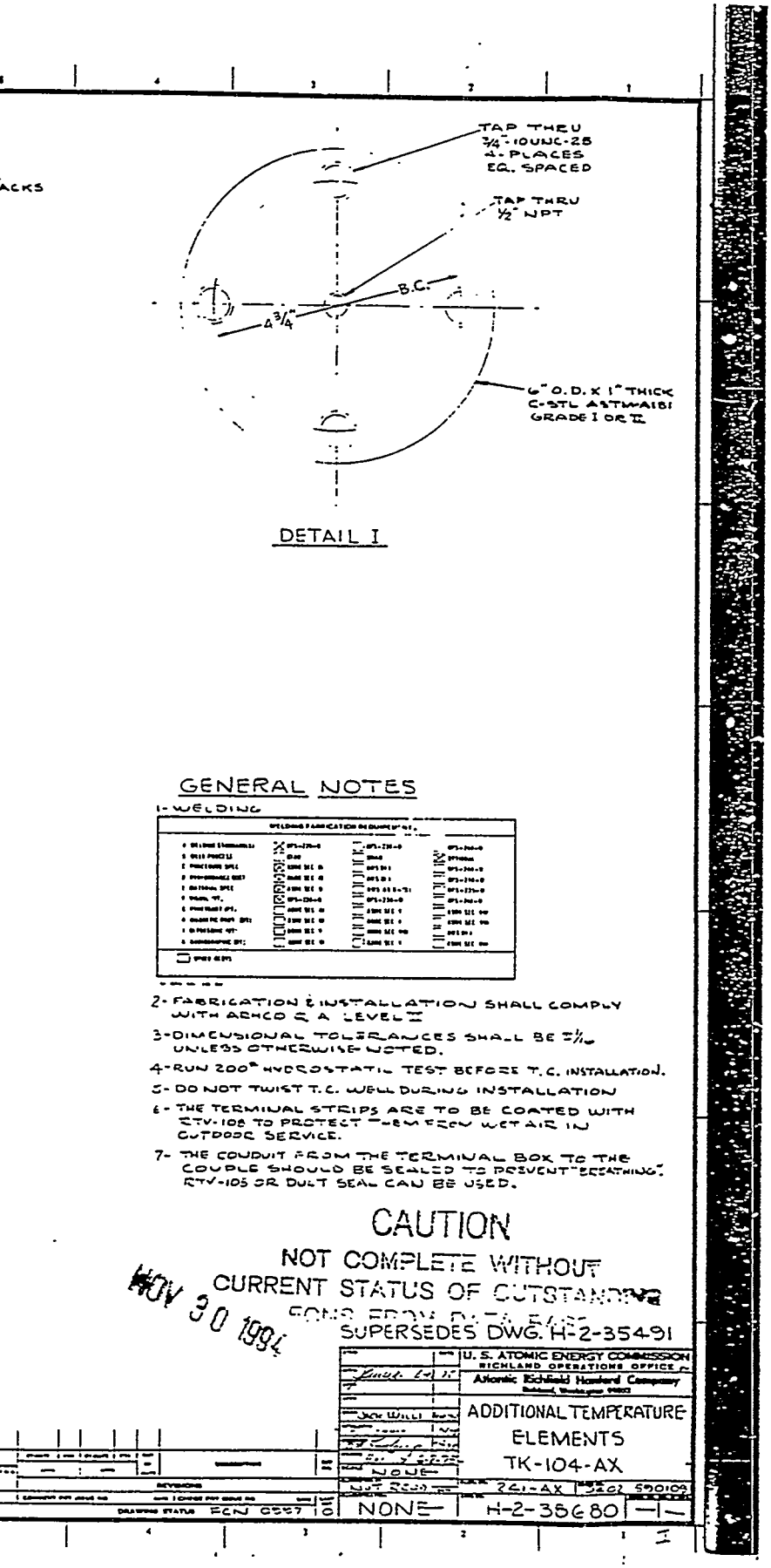
RISER ELEVATION





T C PROBE

Figure D-6. Tank AX-104 (3 of 3).



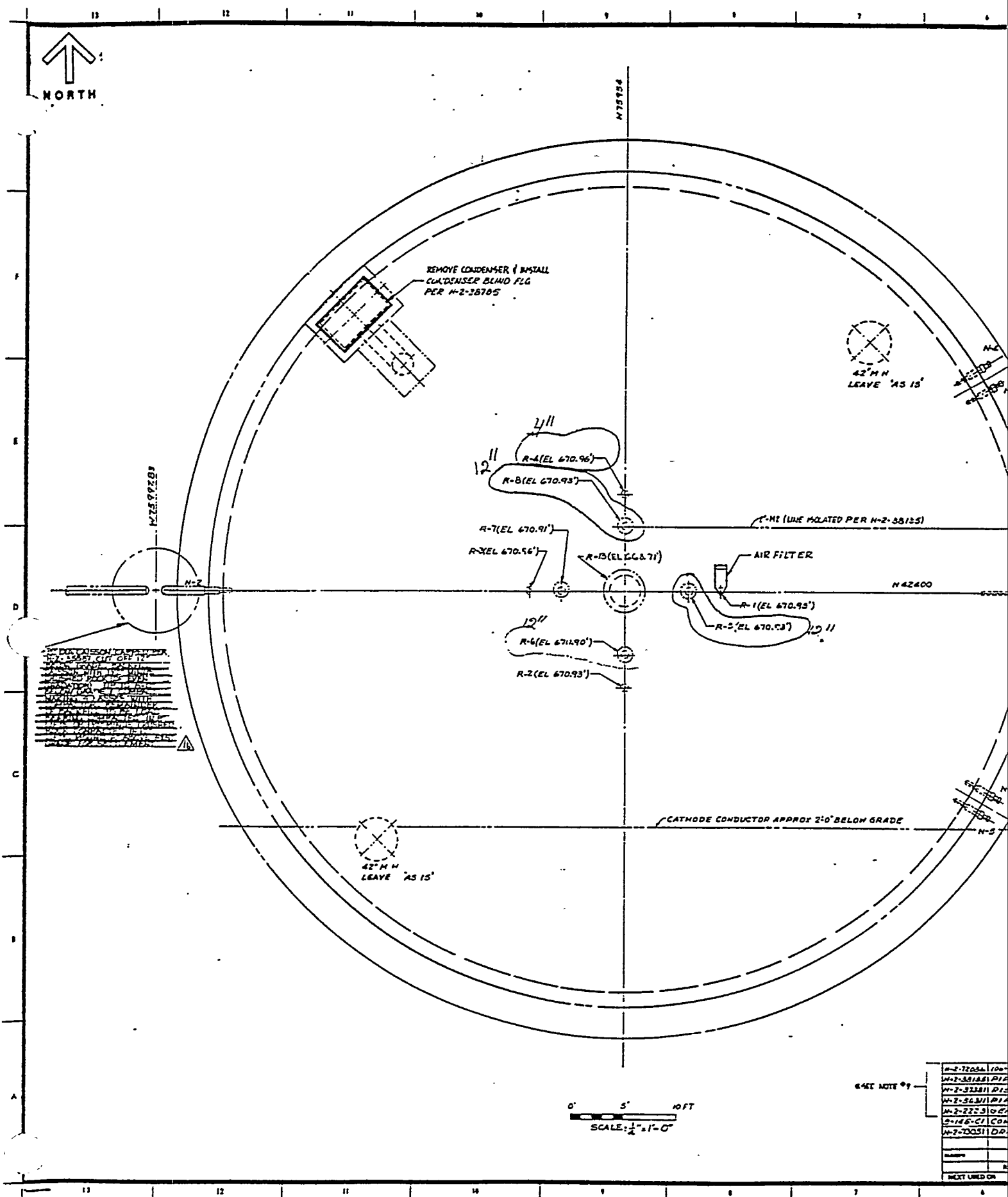

NORTH
N 42400
REMOVE CONDENSER & INSTALL CONDENSER BLIND FLG PER M-2-38705
42" M H LEAVE "AS IS"
R-4(EL 670.96')
R-8(EL 670.93')
12"
4"
R-7(EL 670.91')
R-5(EL 670.56')
R-13(EL 670.71')
AIR FILTER
R-1(EL 670.93')
R-3(EL 670.93')
12"
R-6(EL 671.90')
R-2(EL 670.93')
CATHODE CONDUCTOR APPROX 2'-0" BELOW GRADE
42" M H LEAVE "AS IS"
0' 5' 10 FT
SCALE: 1/4" = 1'-0"

Figure D-7. Tank TY-106.

NOZZLE AND RISER SCHEDULE			
NOZZLE NO	SIZE	IDENTIFICATION	REFERENCE AND COMMENTS
241-TY-106-R-1	4"	SPARE	INSTALL AIR FILTER PER H-2-69748
R-2	4"	THERMOCOUPLE	LEAVE AS IS
R-3	4"	LIQUID LEVEL REEL	LEAVE AS IS
R-4	4"	THERMOMETER HOLDER	REMOVE HOLDER & REGASKET PER NOTE #5
R-5	12"	SPARE	
R-6	12"	SPARE	SEE NOTE #5
R-7	12"	OBSV PORT	SEE DWG. H-8-95726
R-8	12"	SPARE	SEE NOTE 5
R-13	42"	CONCRETE PLUG	SEE NOTES #10
241-TY-106-M-1	4"	OVERFLOW INLET	LEAVE AS IS
M-2	4"	OVER FLOW	LEAVE AS IS - CAPPED IN CAISSON
M-3	5"	SPARE NOZZLE	
M-4	5"	SPARE NOZZLE	LEAVE AS IS - CAPPED PER H-2-2250
M-5	5"	SPARE NOZZLE	
M-6	5"	SPARE NOZZLE	

NOTES:

1. APPROX GRADE EL AT CENTER OF TANK 670.91'.
2. SEE DWG INDEX (H-2-73051) FOR DWG NUMBERS NOT LISTED IN REFERENCES COLUMN.
3. RISER EL SHOWN ARE AT FACE OF RISER FLANGE.
4. RISER ELEVATIONS NOT SHOWN ON DWG ARE TO BE DETERMINED & RECORDED BY THE CONSTRUCTION CONTRACTOR TO A MIN DEPTH OF 3'-0" BELOW GRADE)
5. ALL EXIST FLANGE CONNECTIONS (ABOVE GRADE AND DOWN TO 3'-0 BELOW GRADE) ARE TO BE REGASKETED (EXCEPT IN PITS W/WEATHER COVER). USE 1/8" THK BLUE ASBESTOS GASKET.
6. INSTALL 1/8" THK BLUE ASBESTOS GASKET W/INSTALLATION OF NEW BLIND FLANGE.
7. ALL CONSTRUCTION PER SPEC B-MS-C1.
8. RISERS & EQUIPMENT AT GRADE SHALL BE SHIELDED TO LIMIT RADIATION LEVELS TO 10 MR/HR ABOVE BACKGROUND AT CONTACT
9. K (ASTERISK) - DENOTES REFERENCES NOT PERTINENT TO NEW CONSTRUCTION ('AS BUILT' TANK FARM ISOLATION).
10. R-13 RISER TO BE EXCAVATED AND REMEASURED BY J A JONES.

NOV 30 1994
CAUTION
NOT COMPLETE WITH RESPECT
CURRENT STATUS OF OUTSTANDING
ECNS FROM DATA BASE

241-TY TANK FARM

KEY PLAN

1" = 100'

VITRO JOB NO. R023A2

U.S. Department of Energy
Richland Operations Office

VITRO ENGINEERING CORPORATION

PIPING
WASTE TANK ISOLATION
241-TY-106

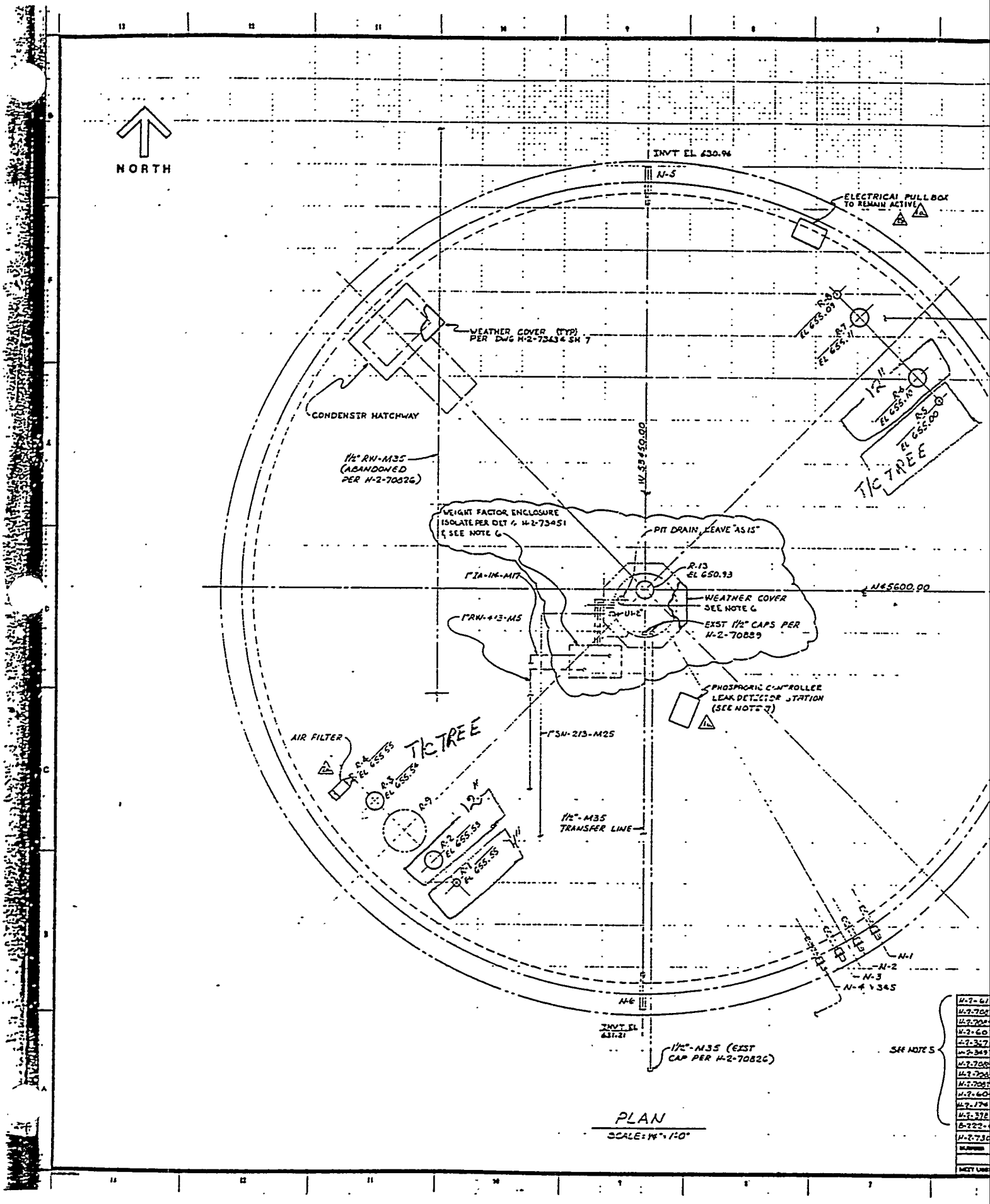
SHOWN | 241-TY | 010204G2

H-2-73091

NONE

AS-BUILT FOR PROJ B-222 (ADDC B-222-T0 EGI-3)

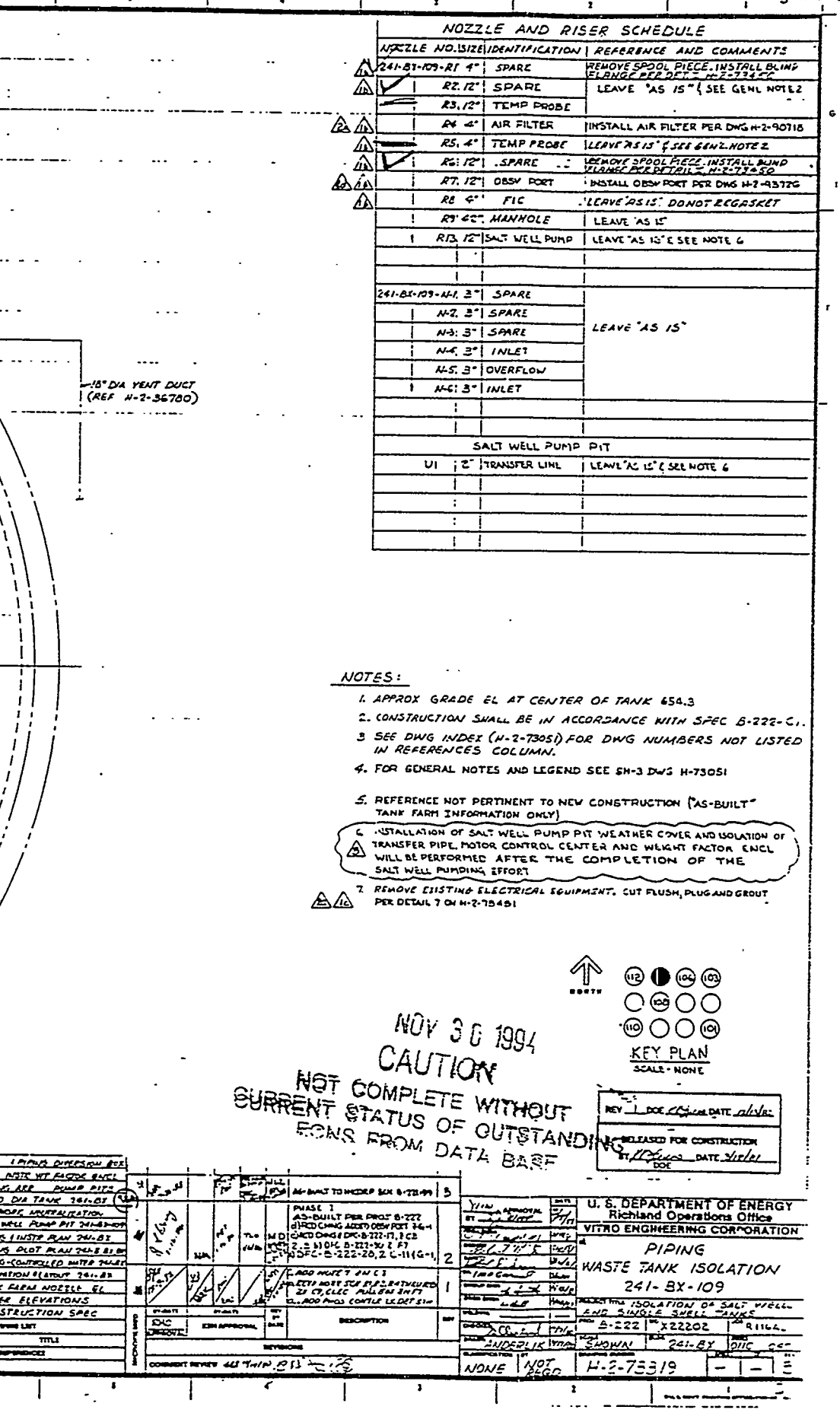
AS-BUILT FOR PROJECT EXCAVATION



PLAN

SCALE: 1/4" = 1'-0"

Figure D-8. Tank BX-109.



NOZZLE AND RISER SCHEDULE

NOZZLE NO.	SIZE	IDENTIFICATION	REFERENCE AND COMMENTS
241-BX-109-R1	4"	SPARE	REMOVE SPOOL PIECE. INSTALL BLIND FLANGE PER DET. 2 H-2-73450
R2	12"	SPARE	LEAVE "AS IS" (SEE GENL NOTE 2
R3	12"	TEMP PROBE	
R4	4"	AIR FILTER	INSTALL AIR FILTER PER DWG H-2-90718
R5	4"	TEMP PROBE	LEAVE "AS IS" (SEE GENL NOTE 2
R6	12"	SPARE	REMOVE SPOOL PIECE. INSTALL BLIND FLANGE PER DETAIL 2 H-2-73450
R7	12"	OBSV PORT	INSTALL OBSV PORT PER DWG H-2-93726
R8	4"	FIC	LEAVE "AS IS" DO NOT REGASKET
R9	42"	MANHOLE	LEAVE "AS IS"
R13	12"	SALT WELL PUMP	LEAVE "AS IS" E SEE NOTE 6
241-BX-109-N1	3"	SPARE	LEAVE "AS IS"
N2	3"	SPARE	
N3	3"	SPARE	
N4	3"	INLET	
N5	3"	OVERFLOW	
N6	3"	INLET	
SALT WELL PUMP PIT			
U1	2"	TRANSFER LINE	LEAVE "AS IS" (SEE NOTE 6

18" DIA VENT DUCT (REF H-2-36780)

NOTES:

1. APPROX GRADE EL AT CENTER OF TANK 654.3
2. CONSTRUCTION SHALL BE IN ACCORDANCE WITH SPEC B-222-C1.
3. SEE DWG INDEX (H-2-73051) FOR DWG NUMBERS NOT LISTED IN REFERENCES COLUMN.
4. FOR GENERAL NOTES AND LEGEND SEE SH-3 DWG H-73051
5. REFERENCE NOT PERTINENT TO NEW CONSTRUCTION ("AS-BUILT" TANK FARM INFORMATION ONLY)
6. INSTALLATION OF SALT WELL PUMP PIT WEATHER COVER AND ISOLATION OF TRANSFER PIPE, MOTOR CONTROL CENTER AND WEIGHT FACTOR ENCL WILL BE PERFORMED AFTER THE COMPLETION OF THE SALT WELL PUMPING EFFORT
7. REMOVE EXISTING ELECTRICAL EQUIPMENT. CUT FLUSH, PLUG AND GROUT PER DETAIL 7 ON H-2-73491

NORTH

KEY PLAN
SCALE - NONE

NOV 30 1994
CAUTION
NOT COMPLETE WITHOUT
CURRENT STATUS OF OUTSTANDING
ECNS FROM DATA BASE

REV 1 DOE DATE 4/15/95
RELEASED FOR CONSTRUCTION
DOE DATE 4/15/95

U. S. DEPARTMENT OF ENERGY
Richland Operations Office
VITRO ENGINEERING CORPORATION

PIPING
WASTE TANK ISOLATION
241-BX-109

ISOLATION OF SALT WELL AND SINGLE SHELL TANKS
B-222 X22202 R1164

UNDERLIE SHOWN 241-BX DWG NO. H-2-73319

NONE NOT REQD

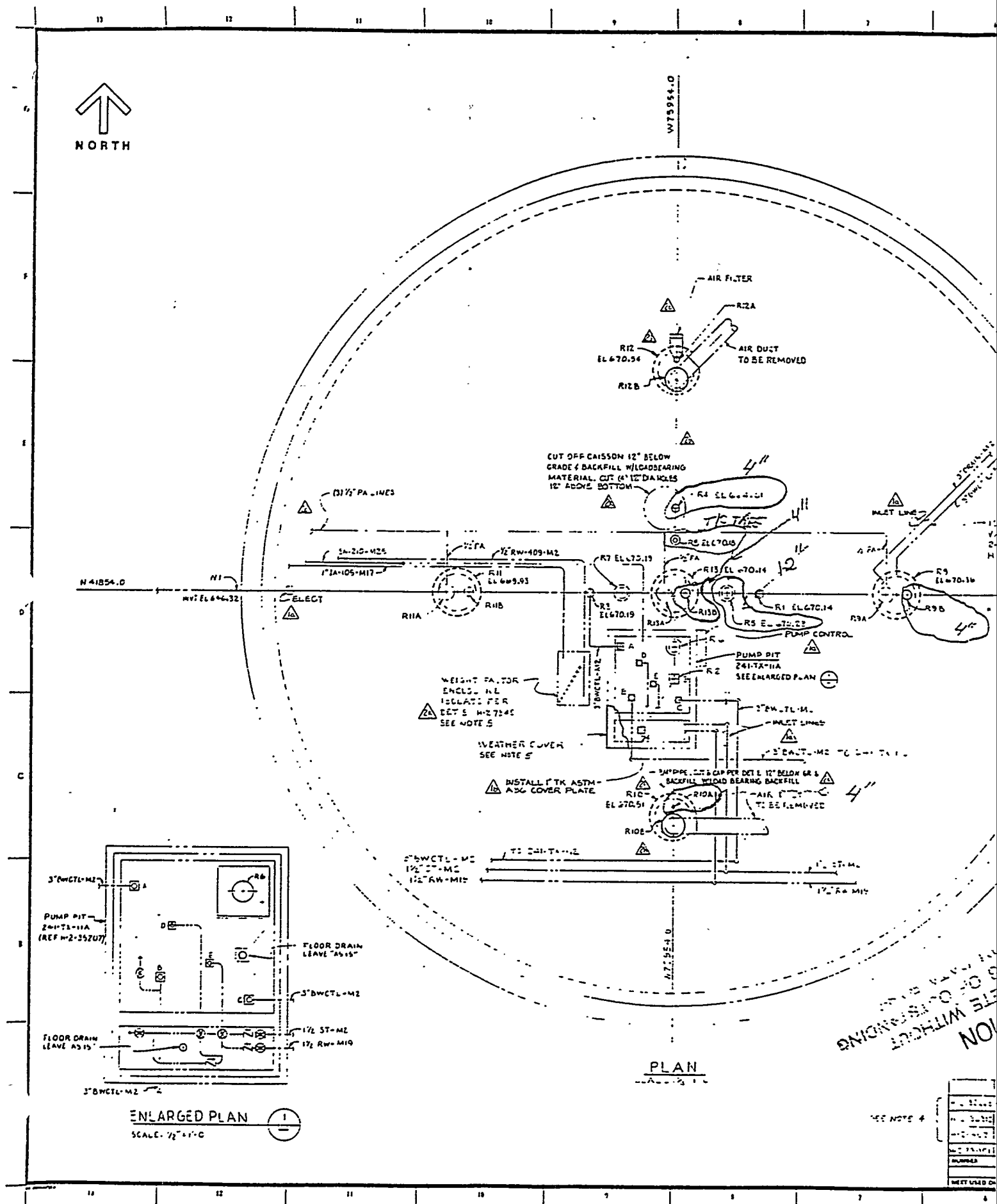
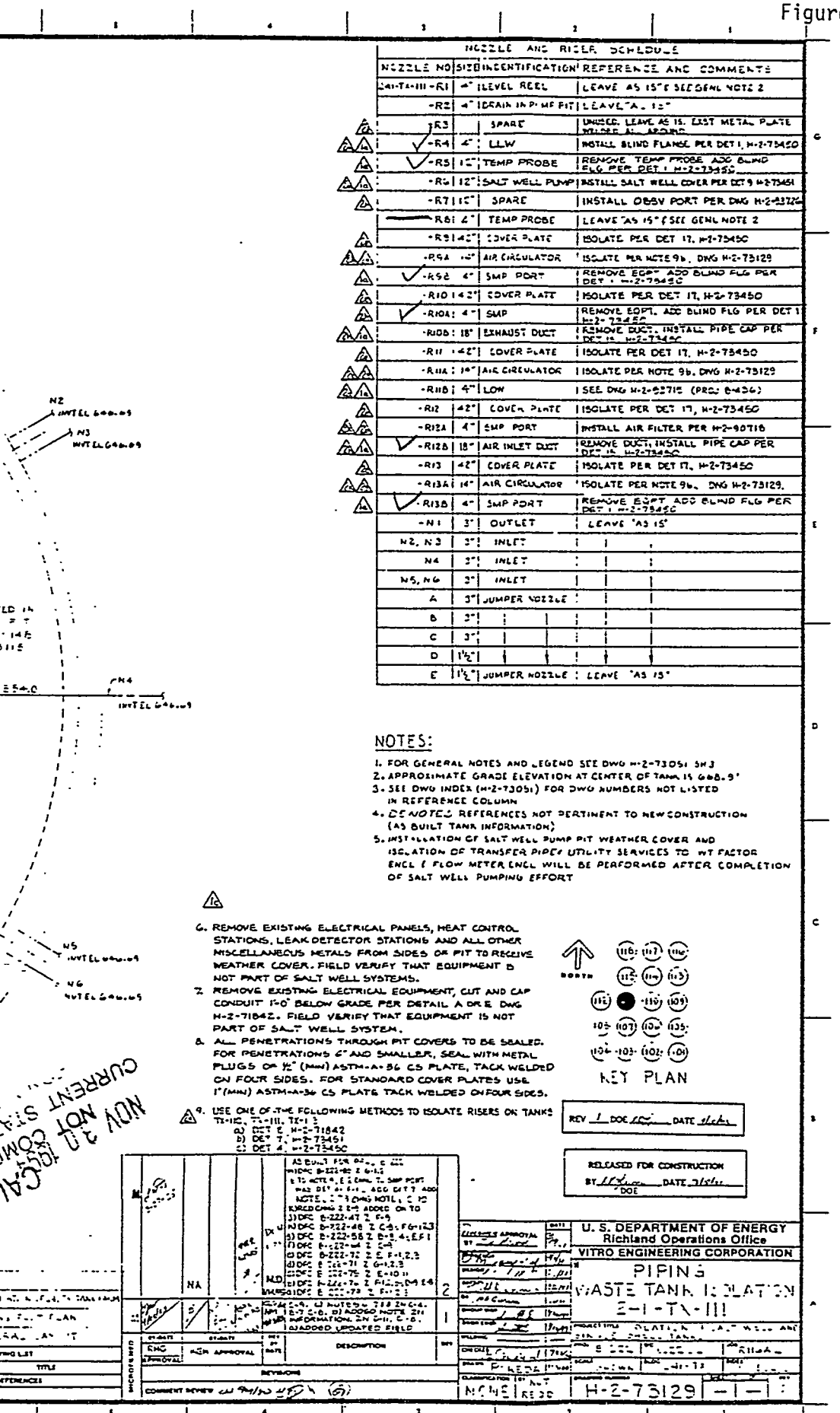

NORTH
W75954.0
N41854.0
AIR FILTER
R12A
R12
EL 670.54
AIR DUCT
TO BE REMOVED
R12B
CUT OFF CAISSON 12" BELOW
GRADE & BACKFILL W/LOADBEARING
MATERIAL. CUT (4) 12" DIA HOLES
12" ABOVE BOTTOM
(3) 1½" PA LINES
4"
T/C TYP.
R4 EL 6
R5 EL 670.16
INLET LINE
1" SA-105-M17
1½" RW-409-M2
R11
EL 669.93
R11A
R11B
R7 EL 670.19
R13 EL 670.14
R13D
R13A
R1 EL 670.14
R5 EL 670.22
PUMP CONTROL
R9
EL 670.16
R9A
R9B
ELECT
PUMP PIT
241-TX-11A
SEE ENLARGED PLAN
WEIGHT FACTOR
ENCLOSURE
ISOLATE PER
DET 5 M2-7245
SEE NOTE 5
WEATHER COVER
SEE NOTE 5
INSTALL ¼" TK ASTM-
A36 COVER PLATE
R10
EL 670.51
R10A
R10B
AIR
TO BE REMOVED
PLAN
PUMP PIT
241-TX-11A
(REF M2-35207)
FLOOR DRAIN
LEAVE AS IS
3"BWCTL-M2
1½ ST-M2
1½ RW-M19
ENLARGED PLAN
SCALE: ½" = 1'-0"
SEE NOTE 4

Figure D-9. Tank TX-111.



NOZZLE AND RISER SCHEDULE

NOZZLE NO	SIZE	IDENTIFICATION	REFERENCE AND COMMENTS
241-TX-111-R1	4"	LEVEL REEL	LEAVE AS IS PER SEE GENL NOTE 2
-R2	4"	DRAIN IN PIT	LEAVE AS IS
-R3		SPARE	UNUSED. LEAVE AS IS. EXIST METAL PLATE WELDED AT APPROX
-R4	4"	LLW	INSTALL BLIND FLANGE PER DET 1, H-2-73450
-R5	12"	TEMP PROBE	REMOVE TEMP PROBE ADD BLIND FLG PER DET 1 H-2-73450
-R6	12"	SALT WELL PUMP	INSTALL SALT WELL COVER PER DET 9 H-2-73451
-R7	12"	SPARE	INSTALL OBSV PORT PER DWG H-2-83726
-R8	4"	TEMP PROBE	LEAVE AS IS PER SEE GENL NOTE 2
-R9	42"	COVER PLATE	ISOLATE PER DET 17, H-2-73450
-R9A	14"	AIR CIRCULATOR	ISOLATE PER NOTE 9b, DWG H-2-73129
-R9B	4"	SMP PORT	REMOVE EQPT ADD BLIND FLG PER DET 1 H-2-73450
-R10	42"	COVER PLATE	ISOLATE PER DET 17, H-2-73450
-R10A	4"	SMP	REMOVE EQPT. ADD BLIND FLG PER DET 1 H-2-73450
-R10B	18"	EXHAUST DUCT	REMOVE DUCT, INSTALL PIPE CAP PER DET 14, H-2-73450
-R11	42"	COVER PLATE	ISOLATE PER DET 17, H-2-73450
-R11A	14"	AIR CIRCULATOR	ISOLATE PER NOTE 9b, DWG H-2-73129
-R11B	4"	LOW	SEE DWG H-2-83715 (PROJ B-436)
-R12	42"	COVER PLATE	ISOLATE PER DET 17, H-2-73450
-R12A	4"	SMP PORT	INSTALL AIR FILTER PER H-2-83715
-R12B	18"	AIR INLET DUCT	REMOVE DUCT, INSTALL PIPE CAP PER DET 15, H-2-73450
-R13	42"	COVER PLATE	ISOLATE PER DET 17, H-2-73450
-R13A	14"	AIR CIRCULATOR	ISOLATE PER NOTE 9b, DWG H-2-73129.
-R13B	4"	SMP PORT	REMOVE EQPT ADD BLIND FLG PER DET 1 H-2-73450
-N1	3"	OUTLET	LEAVE AS IS
N2, N3	3"	INLET	
N4	3"	INLET	
N5, N6	3"	INLET	
A	3"	JUMPER NOZZLE	
B	3"		
C	3"		
D	1½"		
E	1½"	JUMPER NOZZLE	LEAVE AS IS

NOTES:

1. FOR GENERAL NOTES AND LEGEND SEE DWG H-2-73051 SH 3
2. APPROXIMATE GRADE ELEVATION AT CENTER OF TANK IS 668.9'
3. SEE DWG INDEX (H-2-73051) FOR DWG NUMBERS NOT LISTED IN REFERENCE COLUMN
4. DENOTES REFERENCES NOT PERTINENT TO NEW CONSTRUCTION (AS BUILT TANK INFORMATION)
5. INSTALLATION OF SALT WELL PUMP PIT WEATHER COVER AND ISOLATION OF TRANSFER PIPES UTILITY SERVICES TO WT FACTOR ENCL & FLOW METER ENCL WILL BE PERFORMED AFTER COMPLETION OF SALT WELL PUMPING EFFORT

6. REMOVE EXISTING ELECTRICAL PANELS, HEAT CONTROL STATIONS, LEAK DETECTOR STATIONS AND ALL OTHER MISCELLANEOUS METALS FROM SIDES OF PIT TO RECEIVE WEATHER COVER. FIELD VERIFY THAT EQUIPMENT IS NOT PART OF SALT WELL SYSTEMS.
7. REMOVE EXISTING ELECTRICAL EQUIPMENT, CUT AND CAP CONDUIT 1'-0" BELOW GRADE PER DETAIL A OR E DWG H-2-71842. FIELD VERIFY THAT EQUIPMENT IS NOT PART OF SALT WELL SYSTEM.
8. ALL PENETRATIONS THROUGH PIT COVERS TO BE SEALED. FOR PENETRATIONS 6" AND SMALLER, SEAL WITH METAL PLUGS OR ½" (MIN) ASTM-A-36 CS PLATE, TACK WELDED ON FOUR SIDES. FOR STANDARD COVER PLATES USE 1" (MIN) ASTM-A-36 CS PLATE TACK WELDED ON FOUR SIDES.
9. USE ONE OF THE FOLLOWING METHODS TO ISOLATE RISERS ON TANKS TX-110, TX-111, TX-113
   a) DET E, H-2-71842
   b) DET 7, H-2-73451
   c) DET 4, H-2-73450

NORTH

KEY PLAN

REV 1 DOE ECN DATE 4/6/94

RELEASED FOR CONSTRUCTION
BY DOE DATE 7/6/94

U. S. DEPARTMENT OF ENERGY
Richland Operations Office
VITRO ENGINEERING CORPORATION

PIPING
WASTE TANK ISOLATION
241-TX-111

H-2-73129

APPENDIX D.2

RISER DATA:
CANDIDATE SINGLE-SHELL TANKS FOR LIGHT-DUTY UTILITY ARM HOT TESTING

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Table 1. Riser Data on Candidate Tanks for Light-Duty Utility Arm Hot Testing.

TANK NUMBER AND DRAWING NUMBER	RISER DIAMETER (INCHES)	RISER NUMBER	RISER LOCATION	AVAILABILITY	REMARKS
T-106	12	R2	AG	YES	OP, Flange with bale, (32.8 ft, NE)
H-2-73055	12	R3	AG	YES	Spare, OP, (32.8 ft, NE)
	12	R6	AG	YES	Flange, (33.1 ft, SW)
	12	R7	AG	YES	Flange, (33.1 ft, SW)
	12	R13	AG	NO	BF, BM
T-109	12	R2	AG	YES	F/B, OP, FV, (32.9 ft, NE)
H-2-73057	12	R3	AG	NO	BF, Spare
	12	R6	AG	YES	Flange, Spare, (33.2 ft, SW)
	12	R7	AG	YES	Flange, Spare, (33.2 ft, SW)
	12	R13	PP	NO	BM, Saltwell Riser, WC
T-112	12	R2	AG	NO	OP
H-2-73065	12	R3	AG	NO	Recirculating Dip Tubes
	12	R6	AG	NO	BF
	12	R7	AG	NO	Flange
	12	R13	AG	YES	F/B, BM, (Center)
AX-104	34	R1A	SP	NO	Sluicer, WC
H-2-73382	34	R1B	SP	NO	Sluicer, WC
	14	R3A	AG	YES	OP, BM, (20.7 ft, S)
	20	R4	BG	NO	Vent line, BG
	12	R5A	DP	NO	Pump mount, WC
	12	R5B	DP	NO	Pump mount, WC
TY-106	12	R5	AG	YES	F/L, (6.0 ft, E)
H-2-73091	12	R6	AG	YES	F/L, (6.0 ft, S)
	12	R7	AG	YES	OP, F/L, (6.0 ft, W)
	12	R8	AG	YES	BM, F/L, (6.0 ft, N)
	12	EX1	CP	NO	Flange, Exauster Vent
BX-109	12	R2	AG	YES	Flange, Spare, (33.1 ft, SW)
H-2-73319	12	R3	AG	NO	TP
	12	R6	AG	YES	Flange, Spare, (32.9 ft, NE)
	12	R7	AG	YES	OP, Flange, Empty, (33.1 ft, NE)
	12	R13A	PP	NO	SWPS, WC, FV Size
TX-111	12	R5	AG	YES	Flange, (5.0 ft, E)
H-2-73129	12	R6	PP	NO	SWS, WC
	12	R7	AG	YES	OP, (5.0 ft, W)
	14	R9A	AG	NO	FV, AC
	18	R10B	BG	NO	Capped
	14	R11A	AG	NO	AC
	18	R12B	BG	NO	Capped
	14	R13A	AG	NO	FV, AC

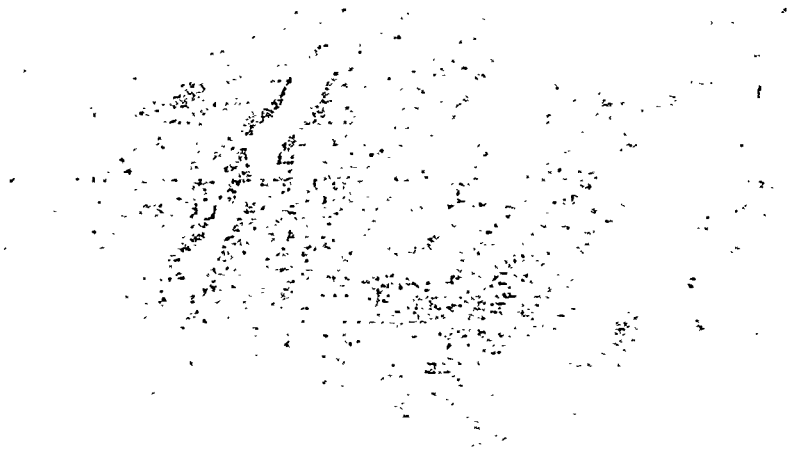
Single-Shell Tank Riser Configuration, WHC-SD-WM-ER-204, Rev. 0, Appendix A, Westinghouse Hanford Company, Richland, Washington, 1993.

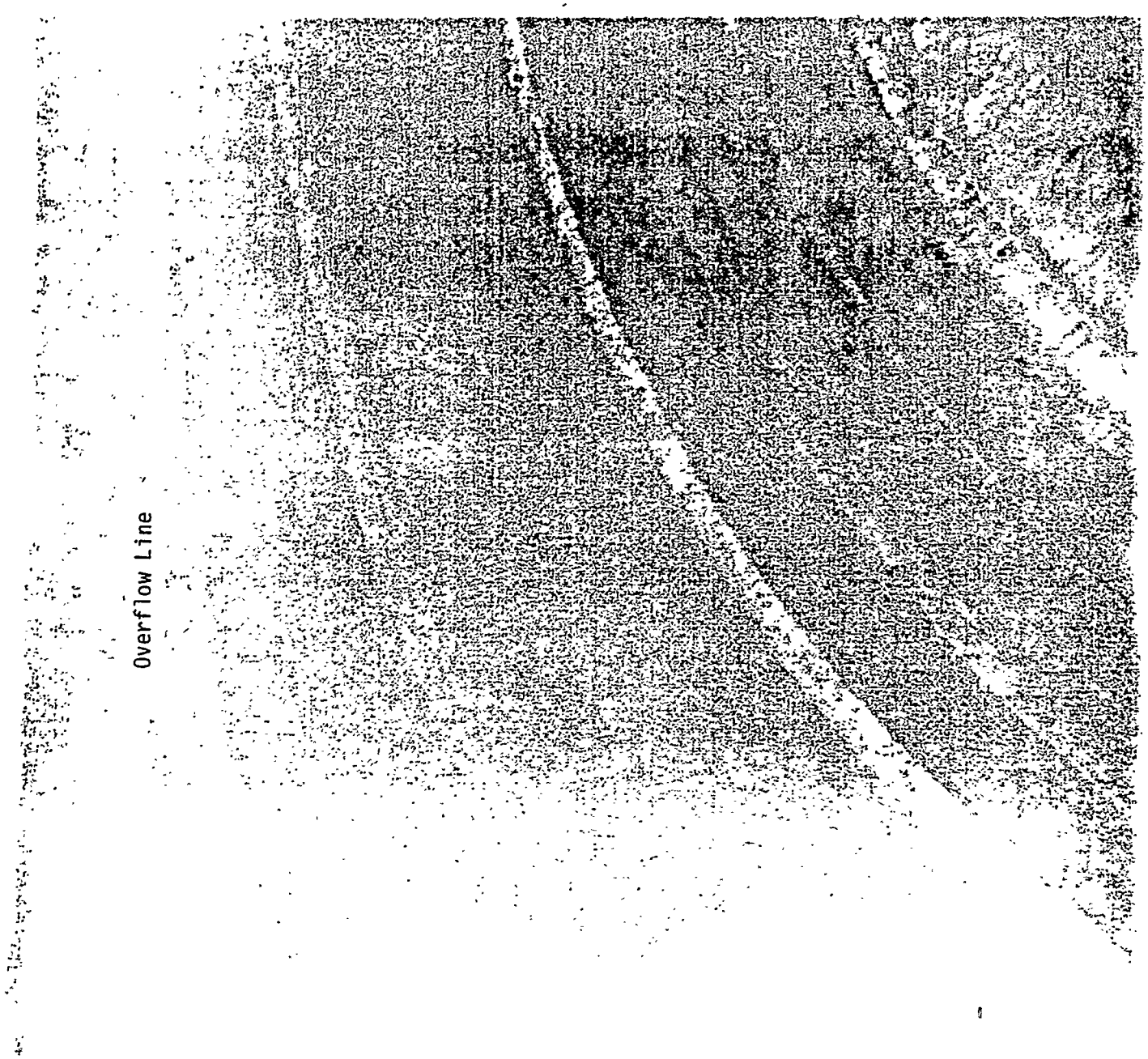
APPENDIX D.3

INTERIOR PHOTOGRAPHS:
CANDIDATE SINGLE-SHELL TANKS FOR LIGHT-DUTY UTILITY ARM HOT TESTING

LIST OF TANKS

1. 241-T-106 . . . . . D.3-1
2. 241-T-109 . . . . . D.3-8
3. 241-T-112 . . . . . D.3-16
4. 241-AX-104 . . . . . D.3-21
5. 241-TY-106 . . . . . D.3-32
6. 241-BX-109 . . . . . D.3-39
7. 241-TX-111 . . . . . D.3-50

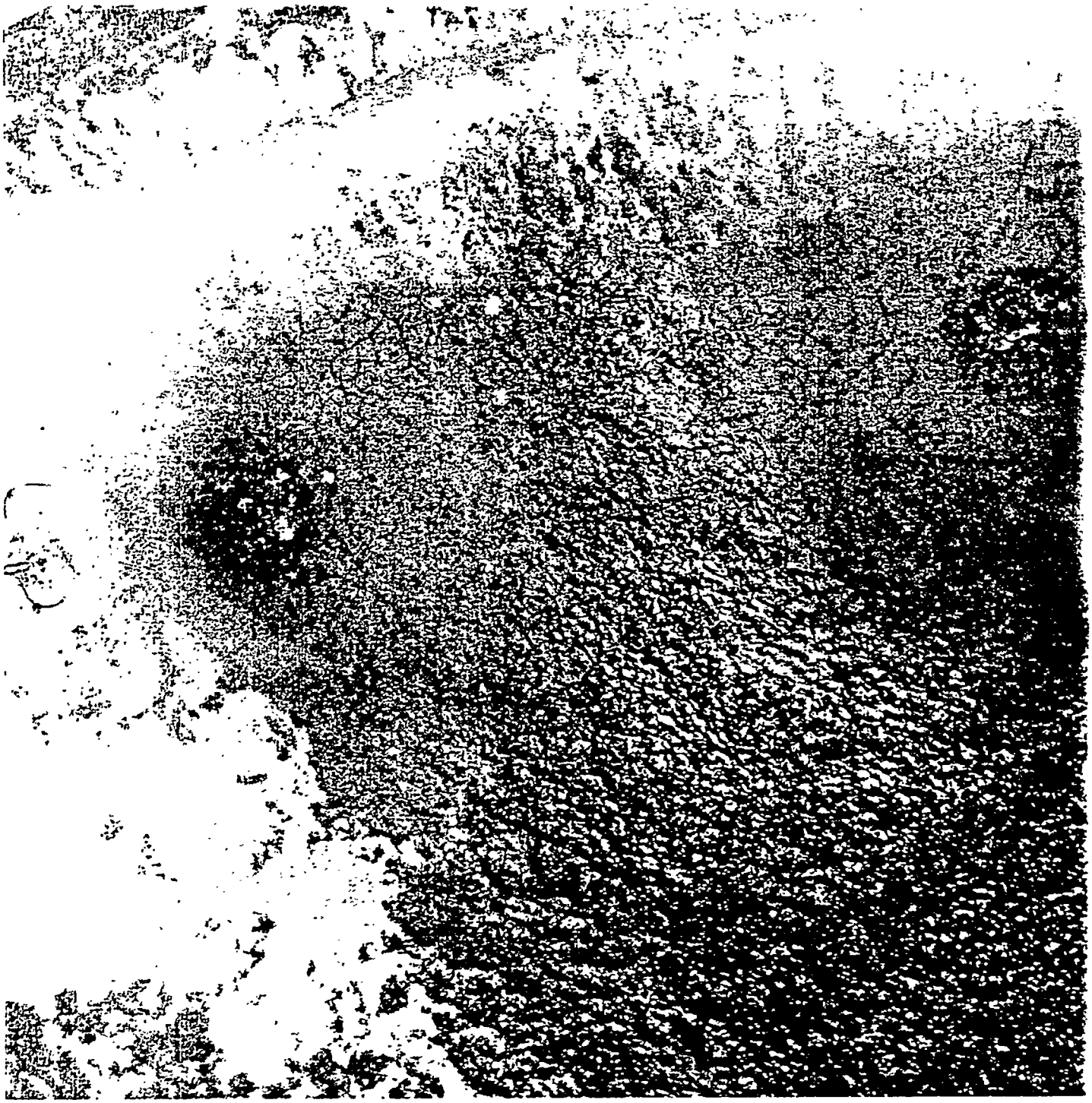


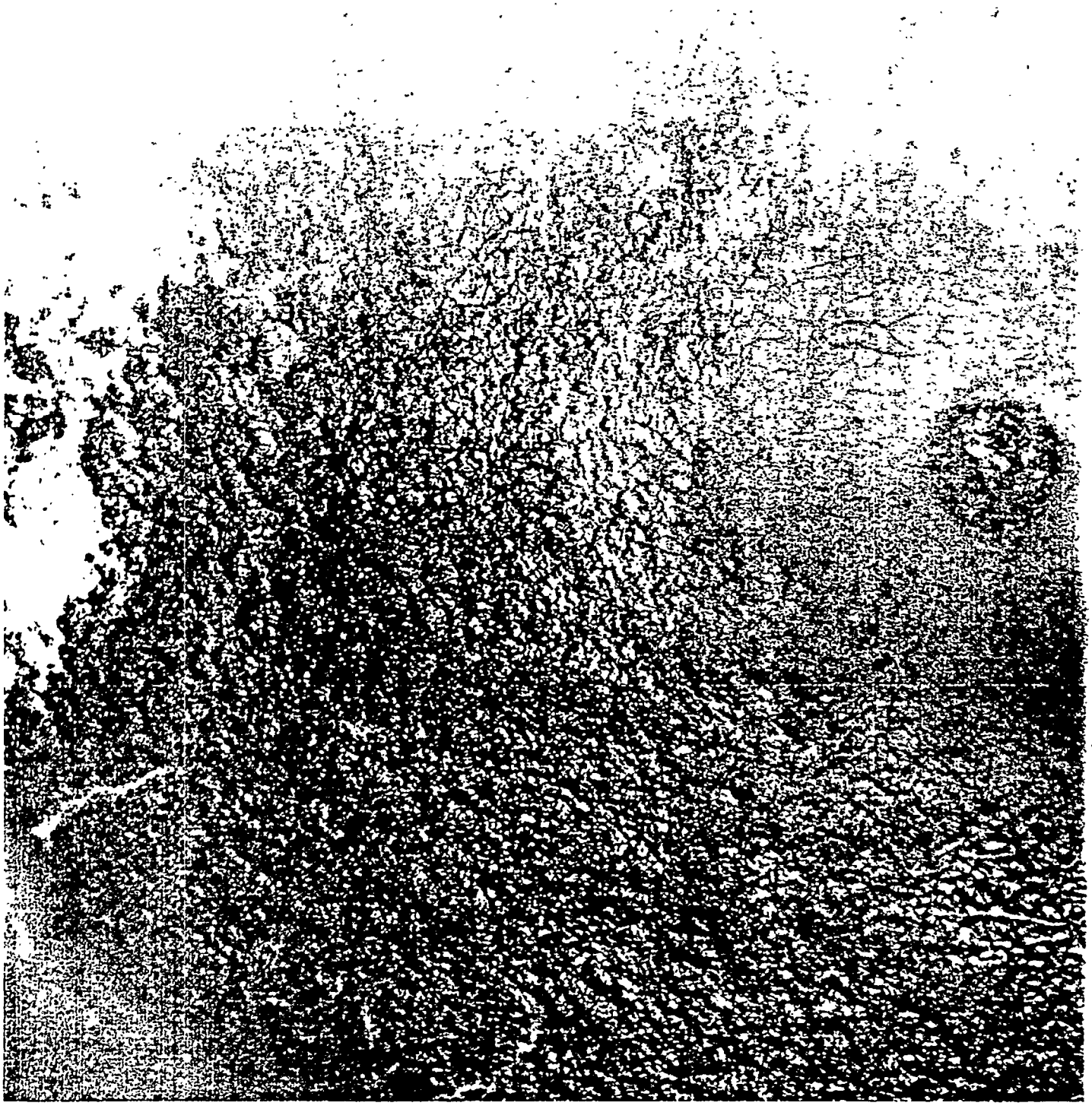


241-T-106
6-29-89

241-T-106
6-29-89

241-T-106
6-29-89
D.3-5





241-T-106
6-29-89

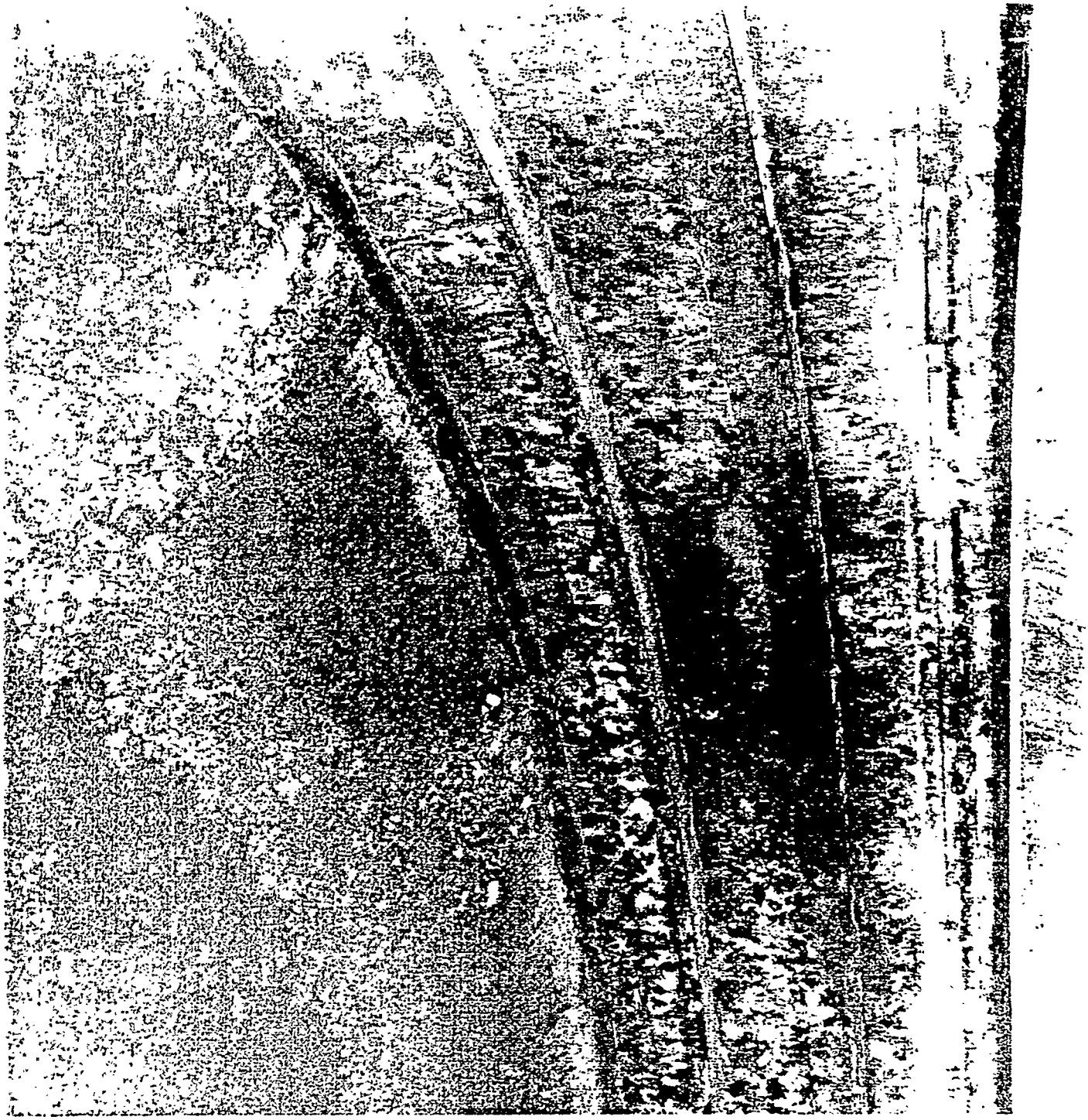
241-T-109
07/03/84

D.3-8

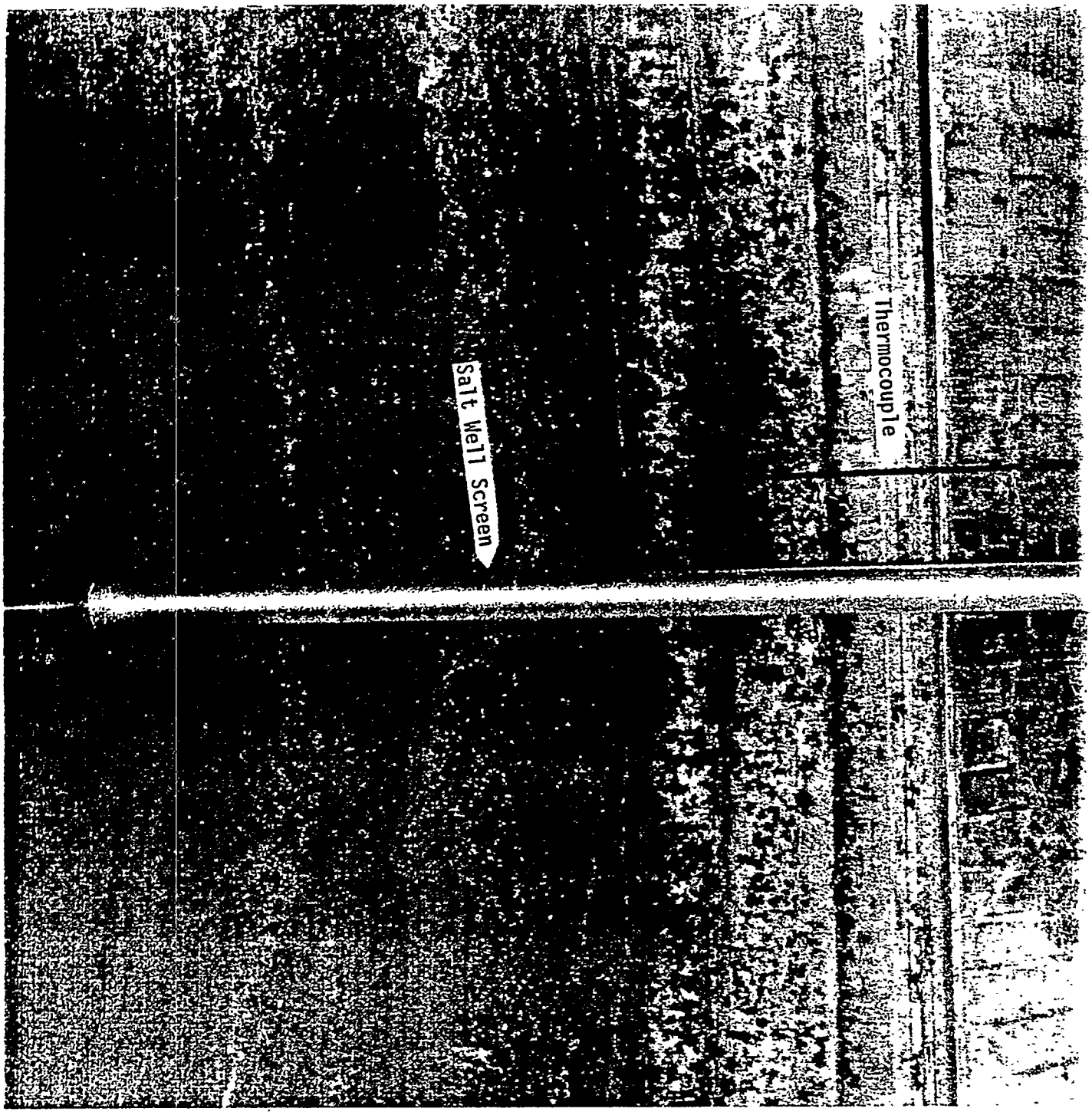
241-T-109
07/03/84

241-T-109
07/03/84

241-T-109
07/03/84
D.3-11

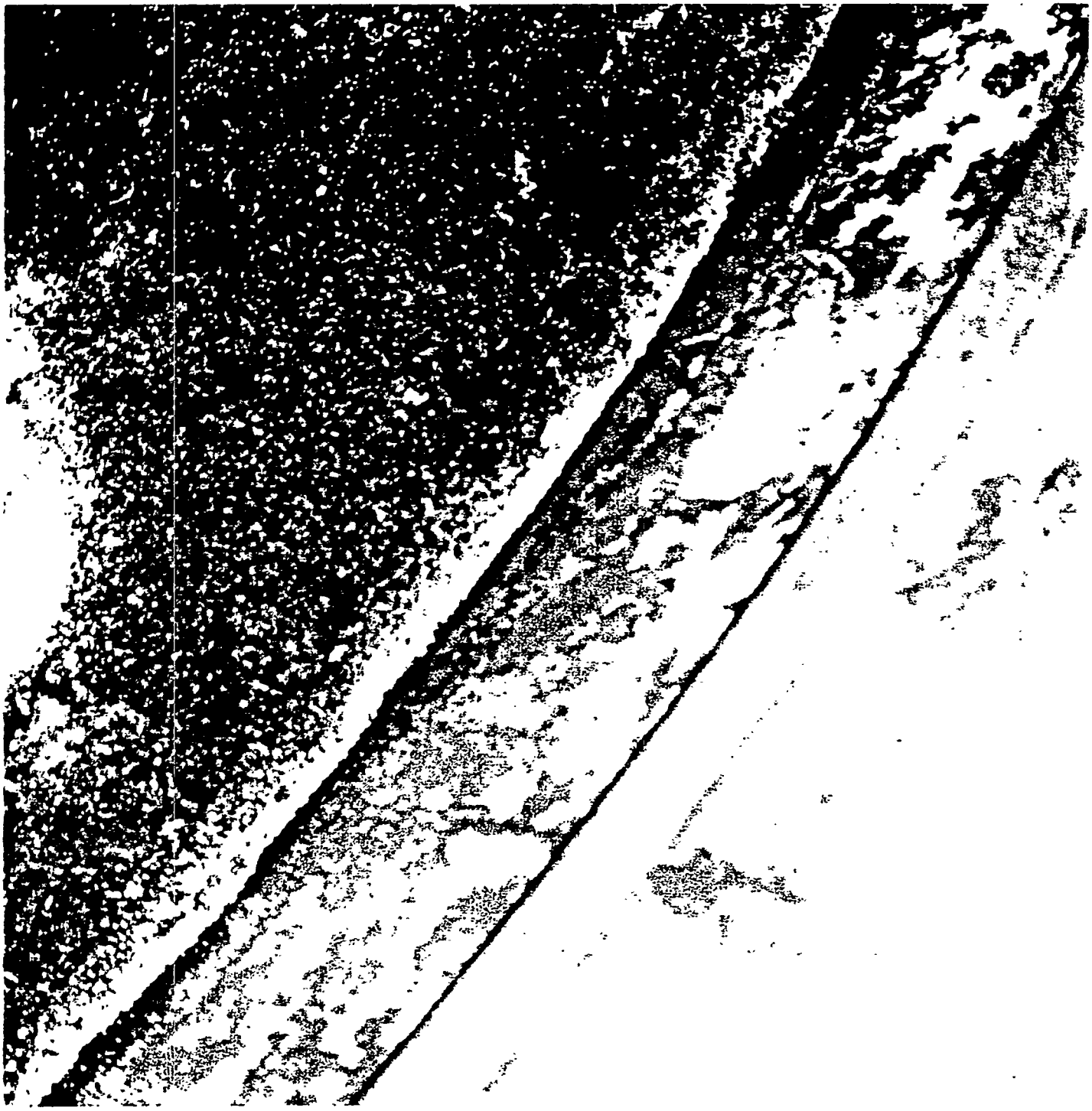


241-T-109
02/25/93

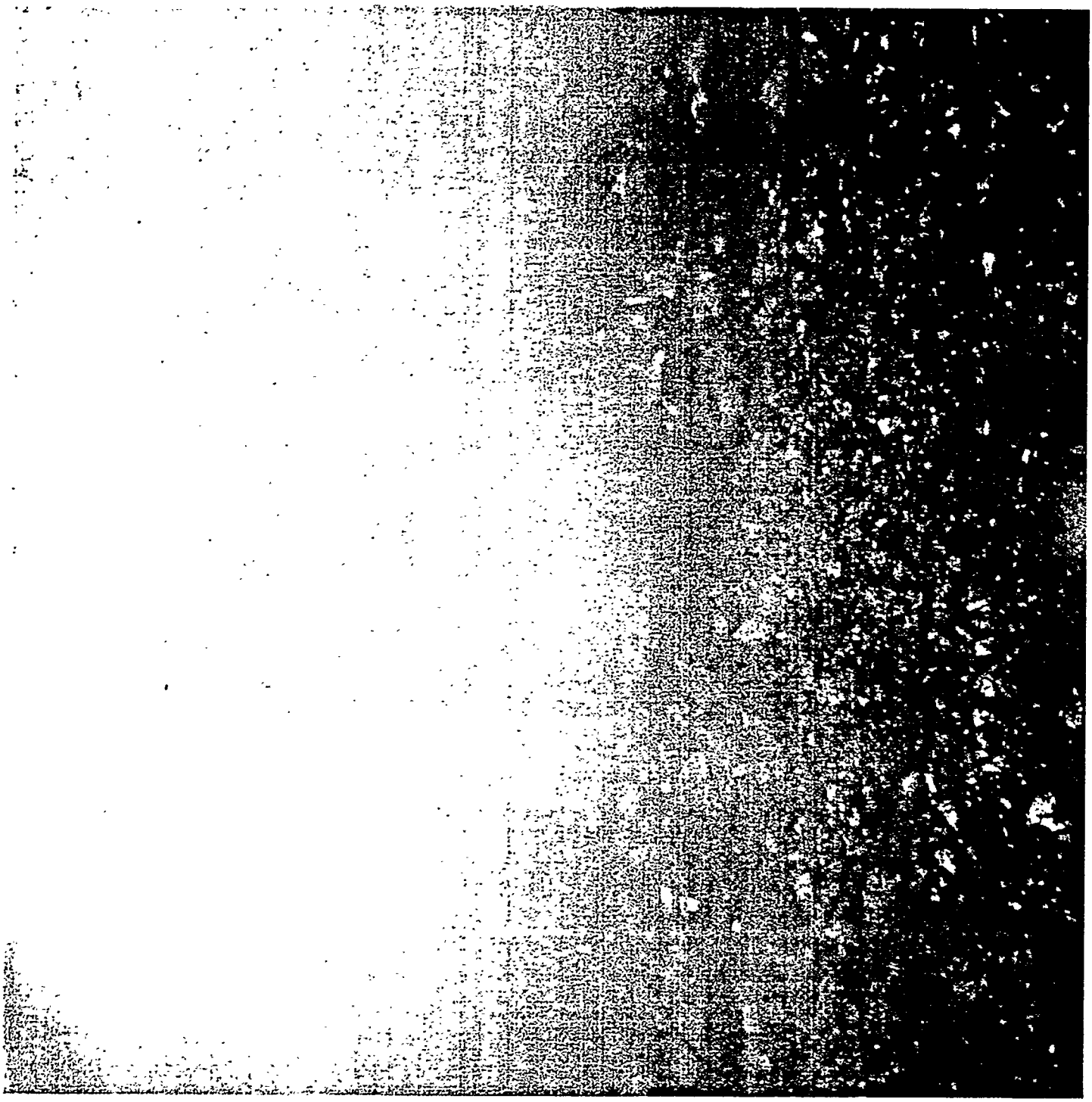


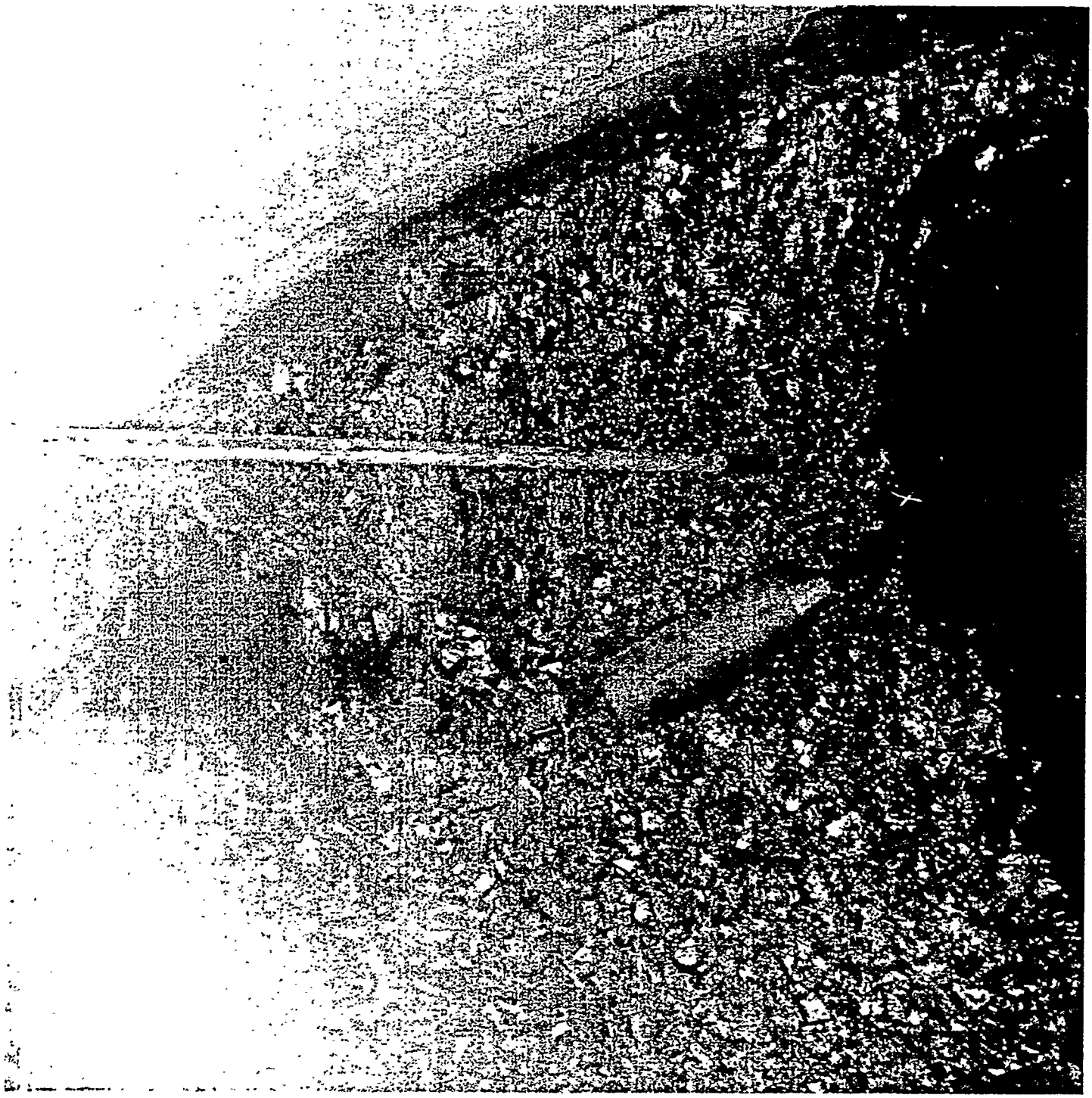
241-T-109
02/25/93
D.3-13

241-T-109
02/25/93
D.3-14

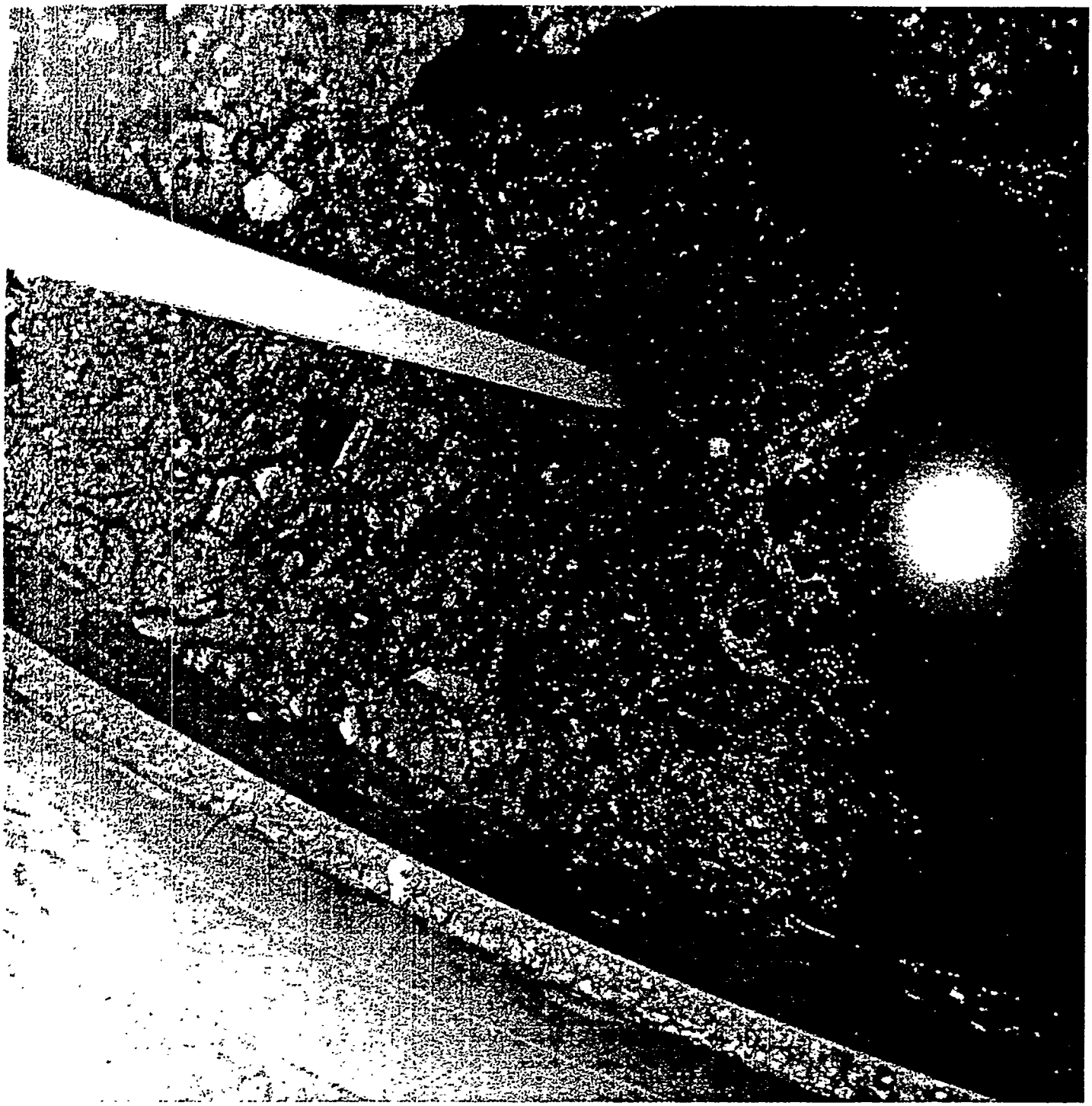


241-T-109
02/25/93
D.3-15



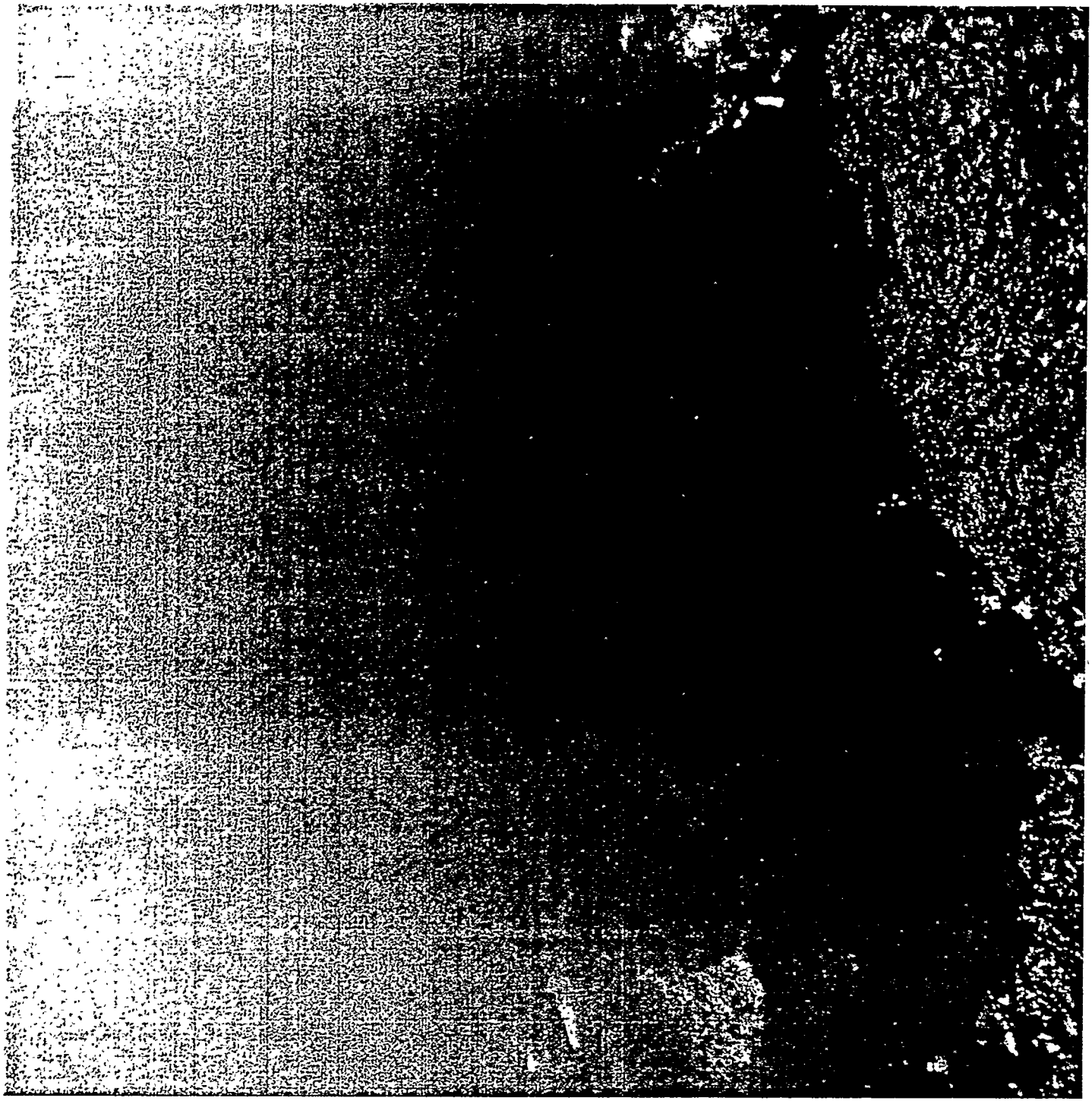


241-T-112
8/1/84
D.3-17



241-T-112
8/1/84

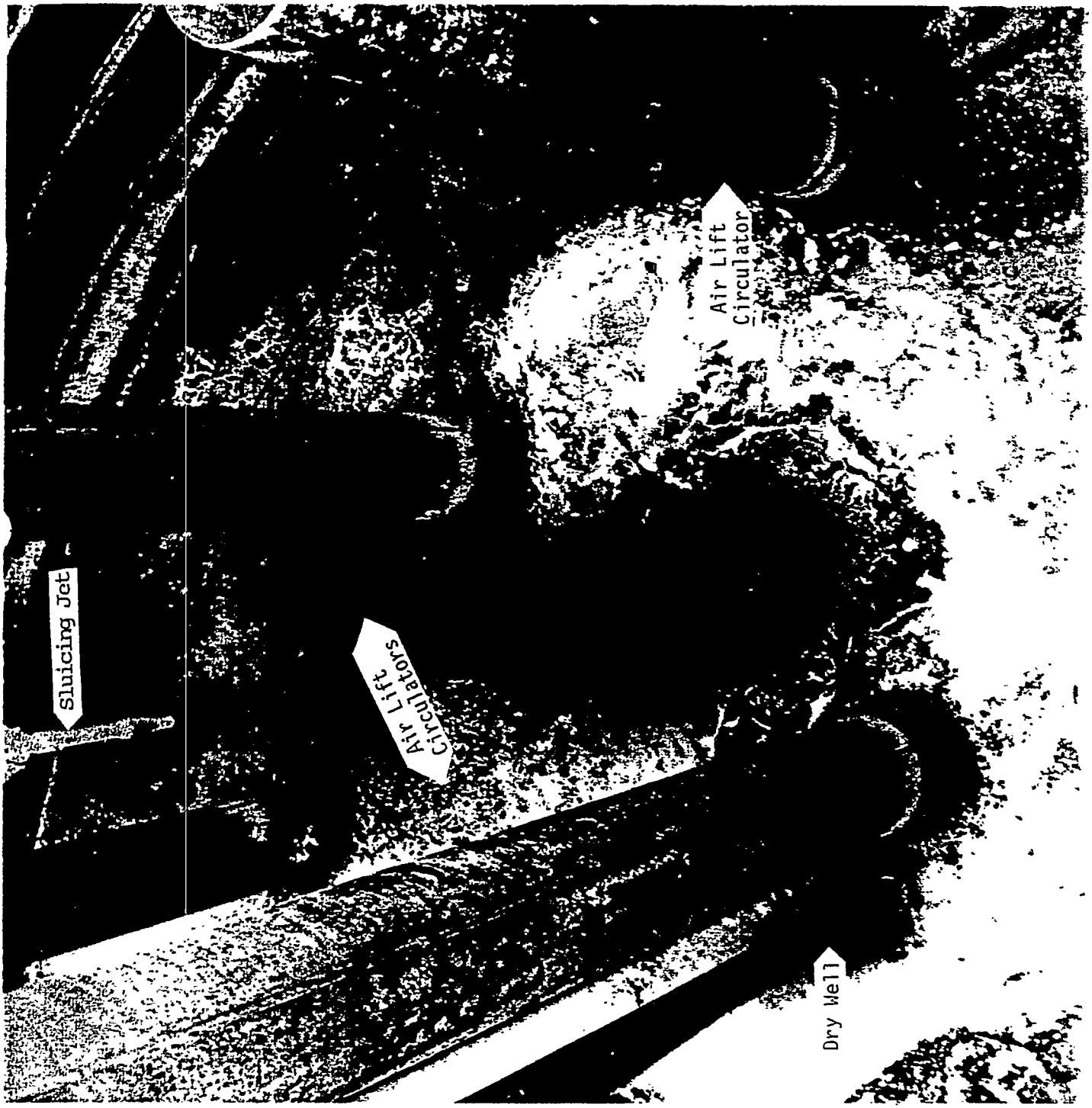
241-T-112
8/1/84
D.3-19



241-T-112
8/1/84
D.3-20

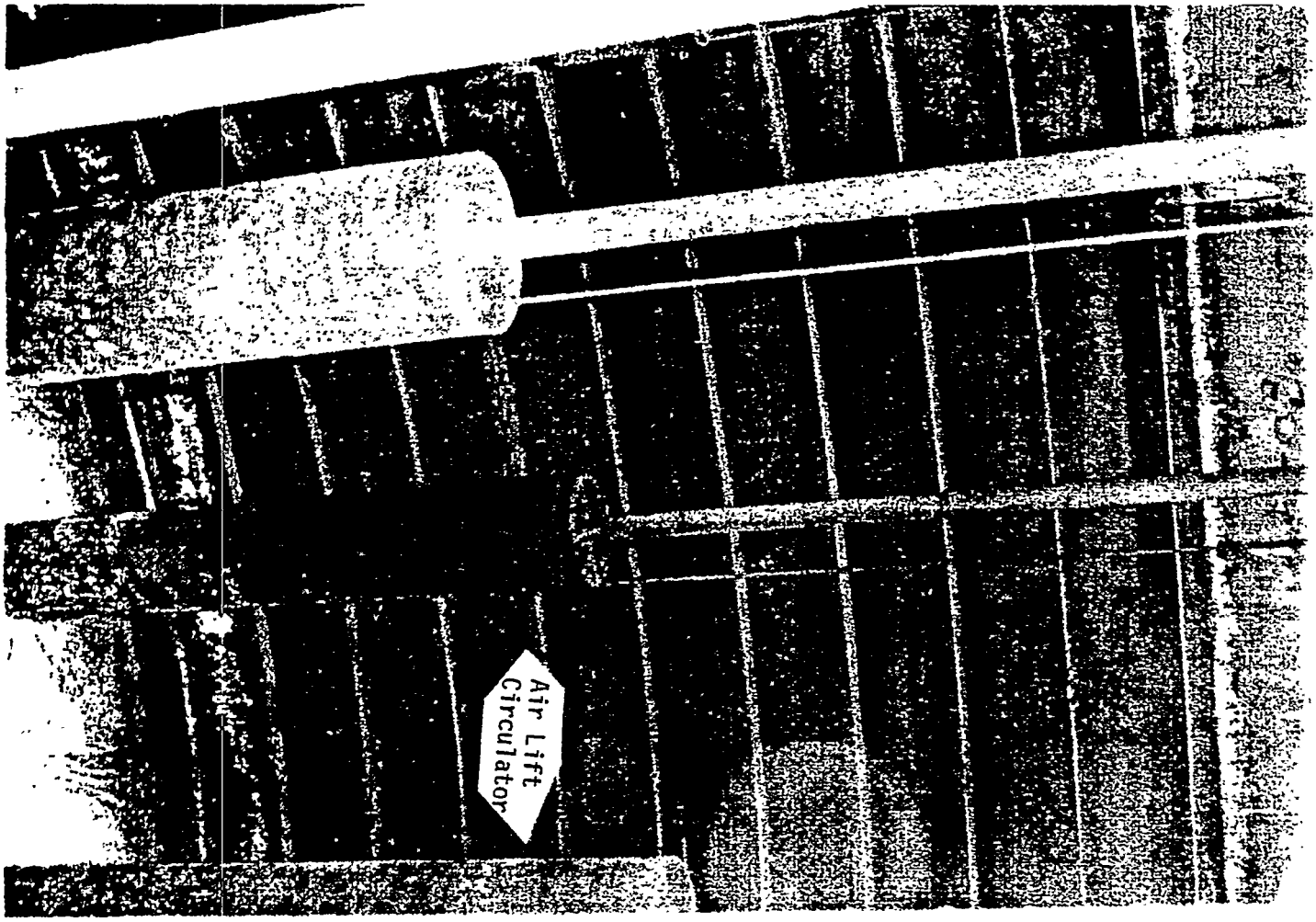
241-AX-104
(1987)

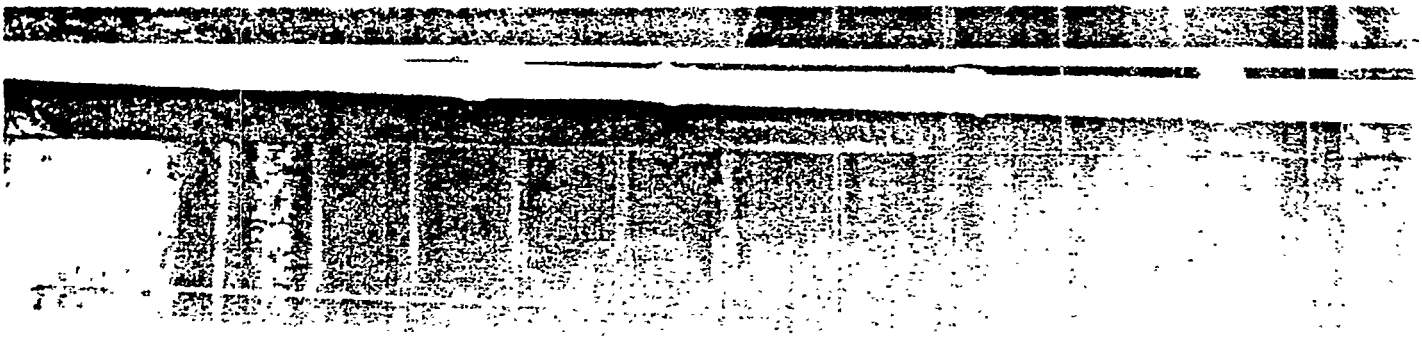
241-AX-104
(1987)



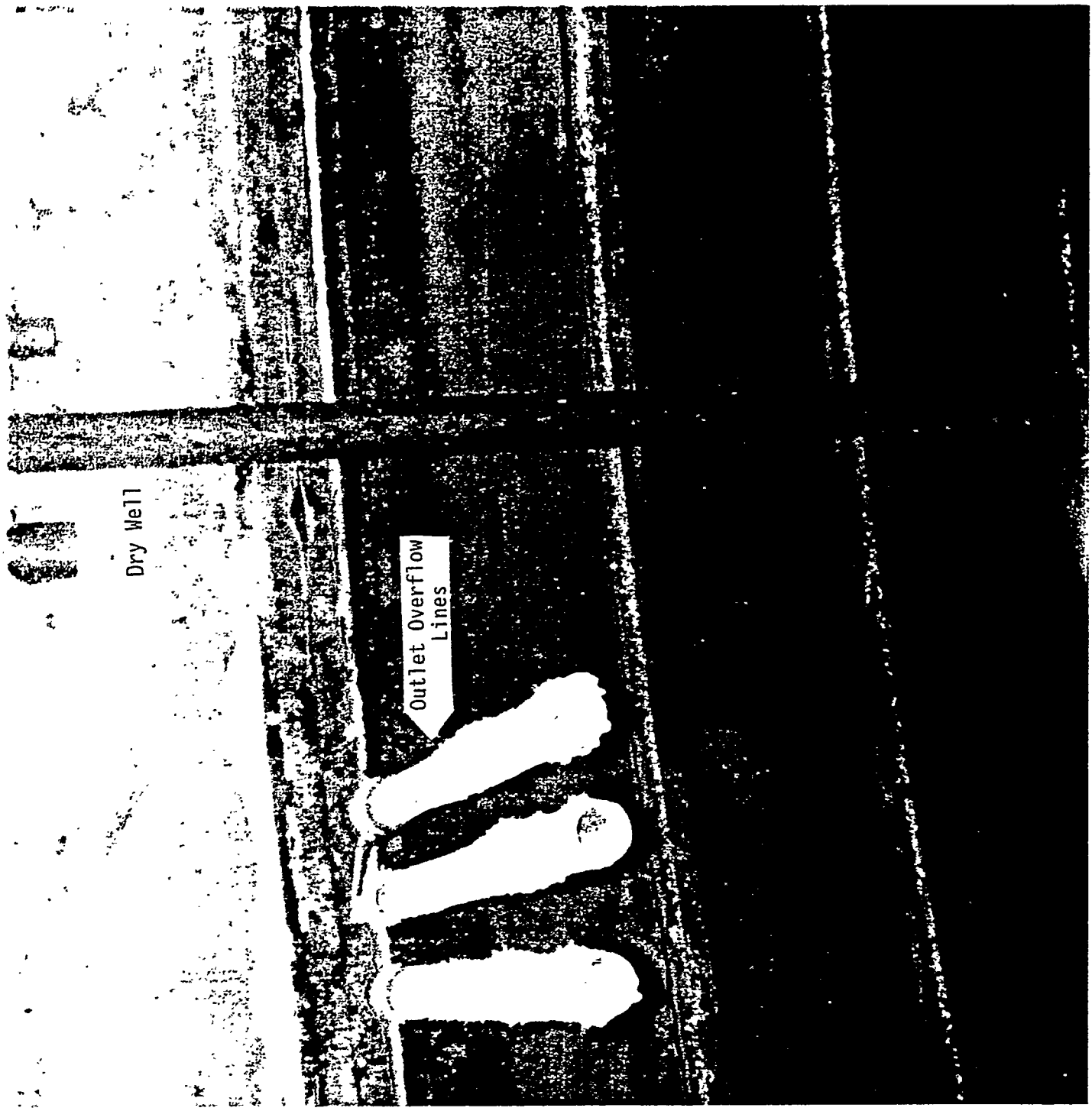
241-AX-104
(1987)

Air Lift
Circulator

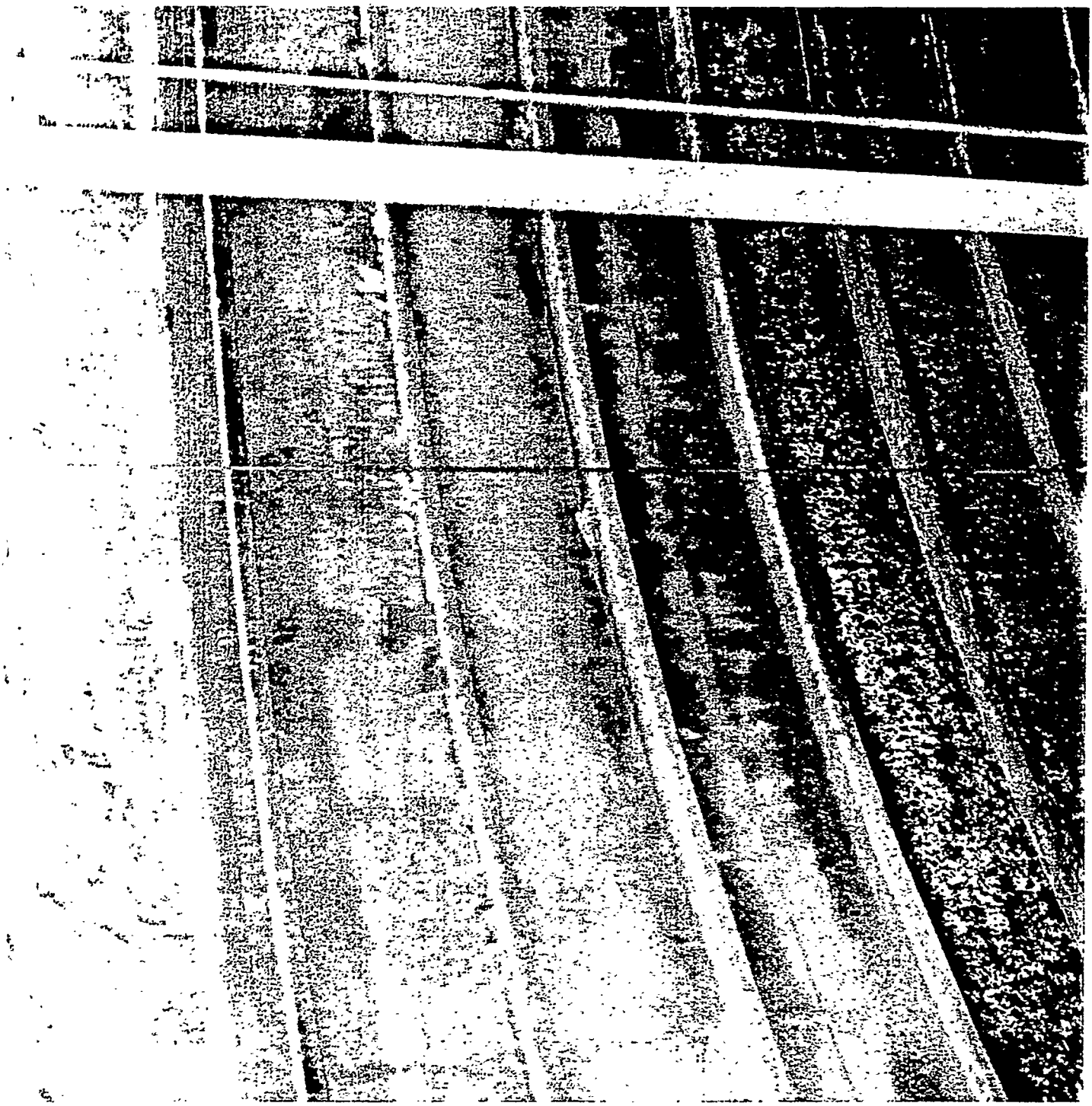




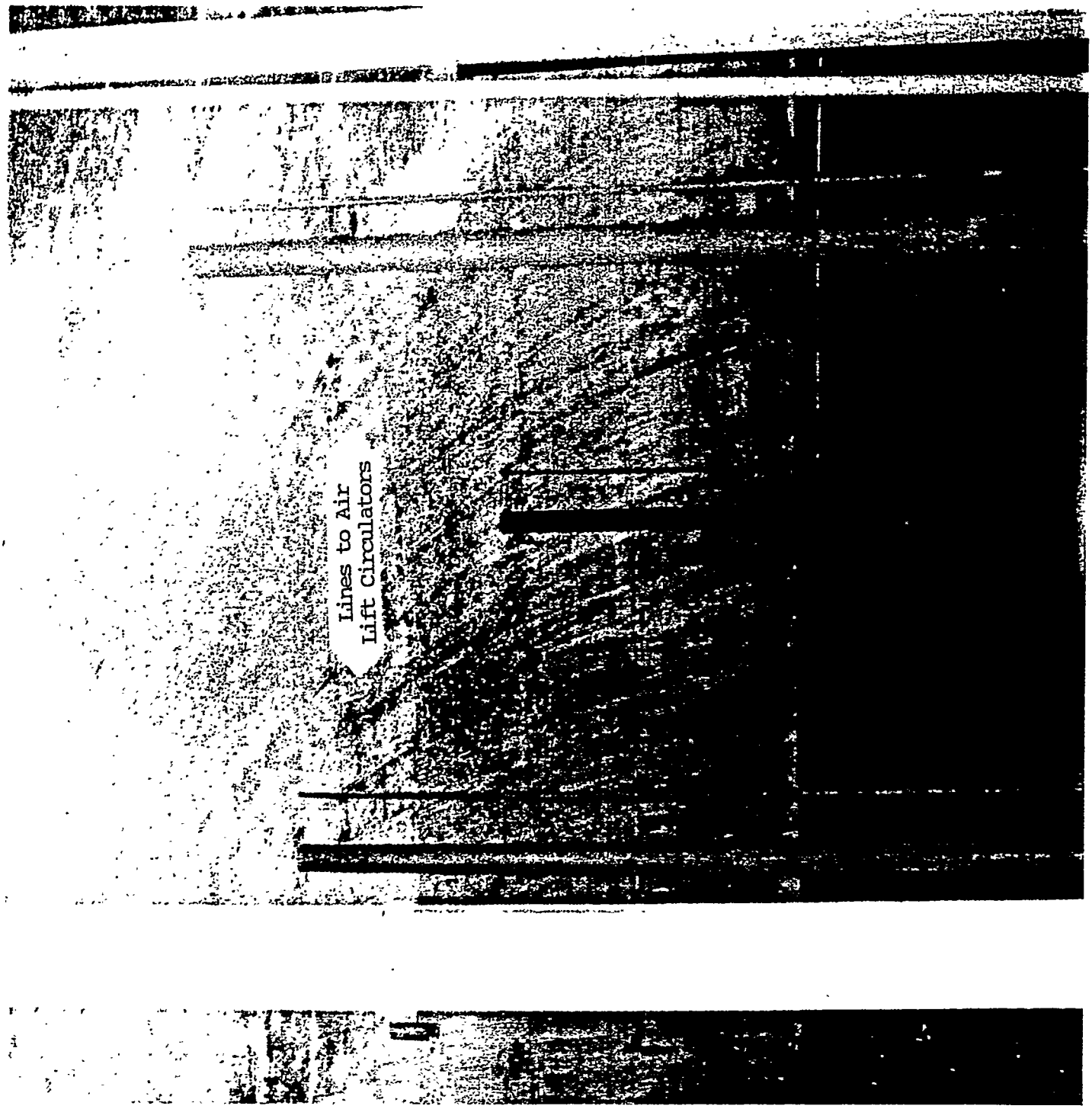
241-AX-104
08/11/87



241-AX-104
(1987)



241-AX-104
08/11/87



241-AX-104
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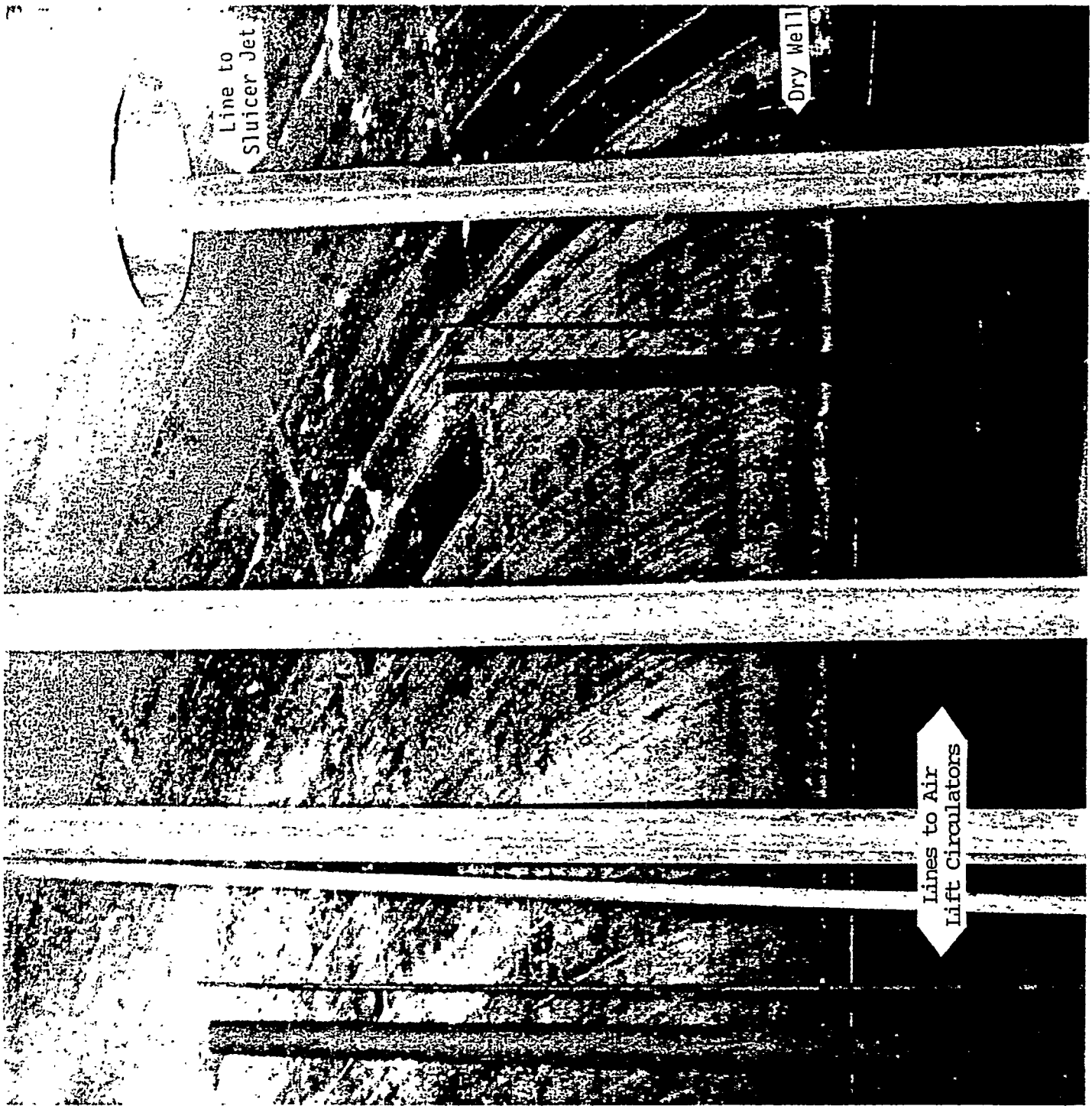
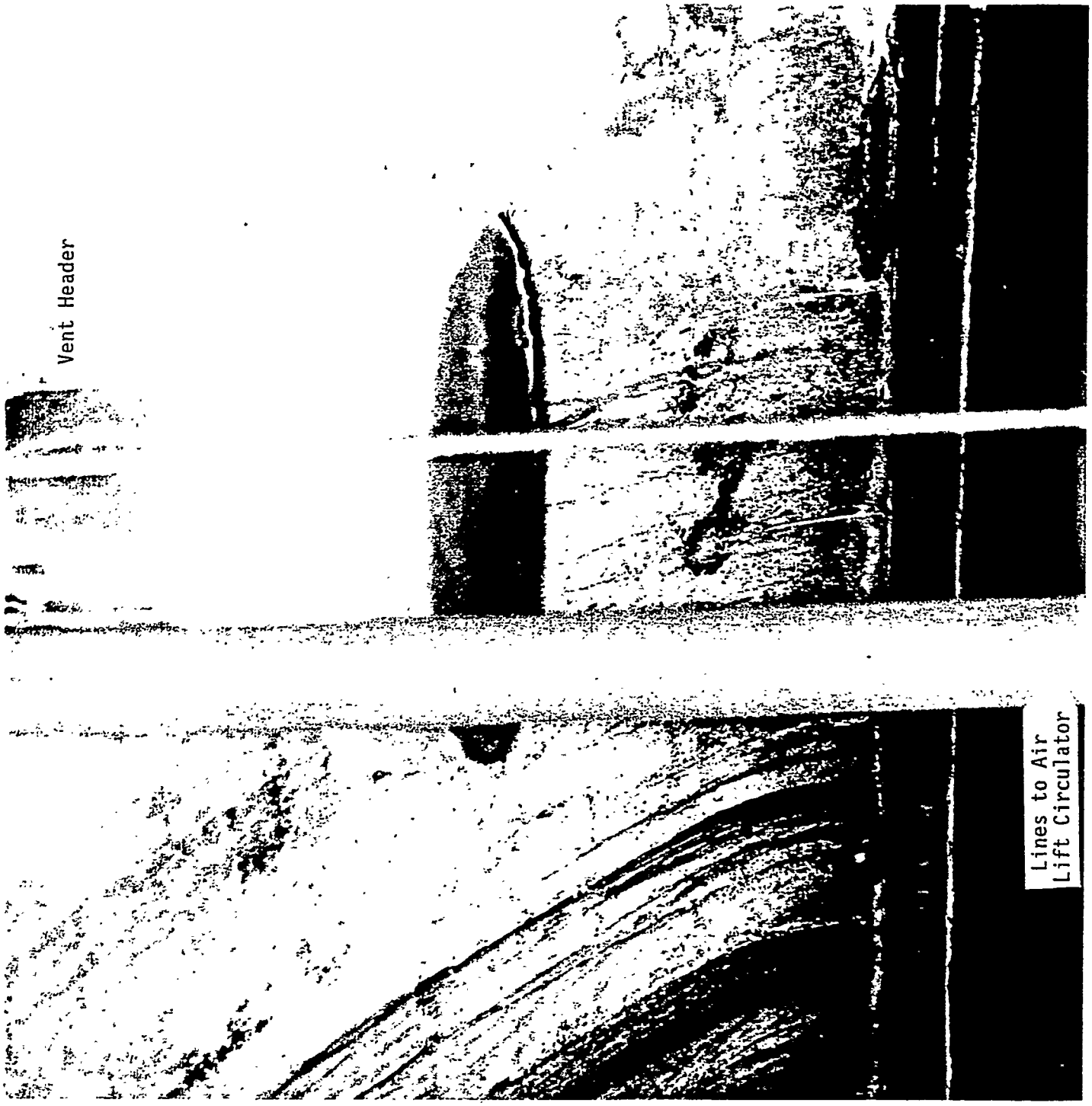


241-AX-104
(1987)



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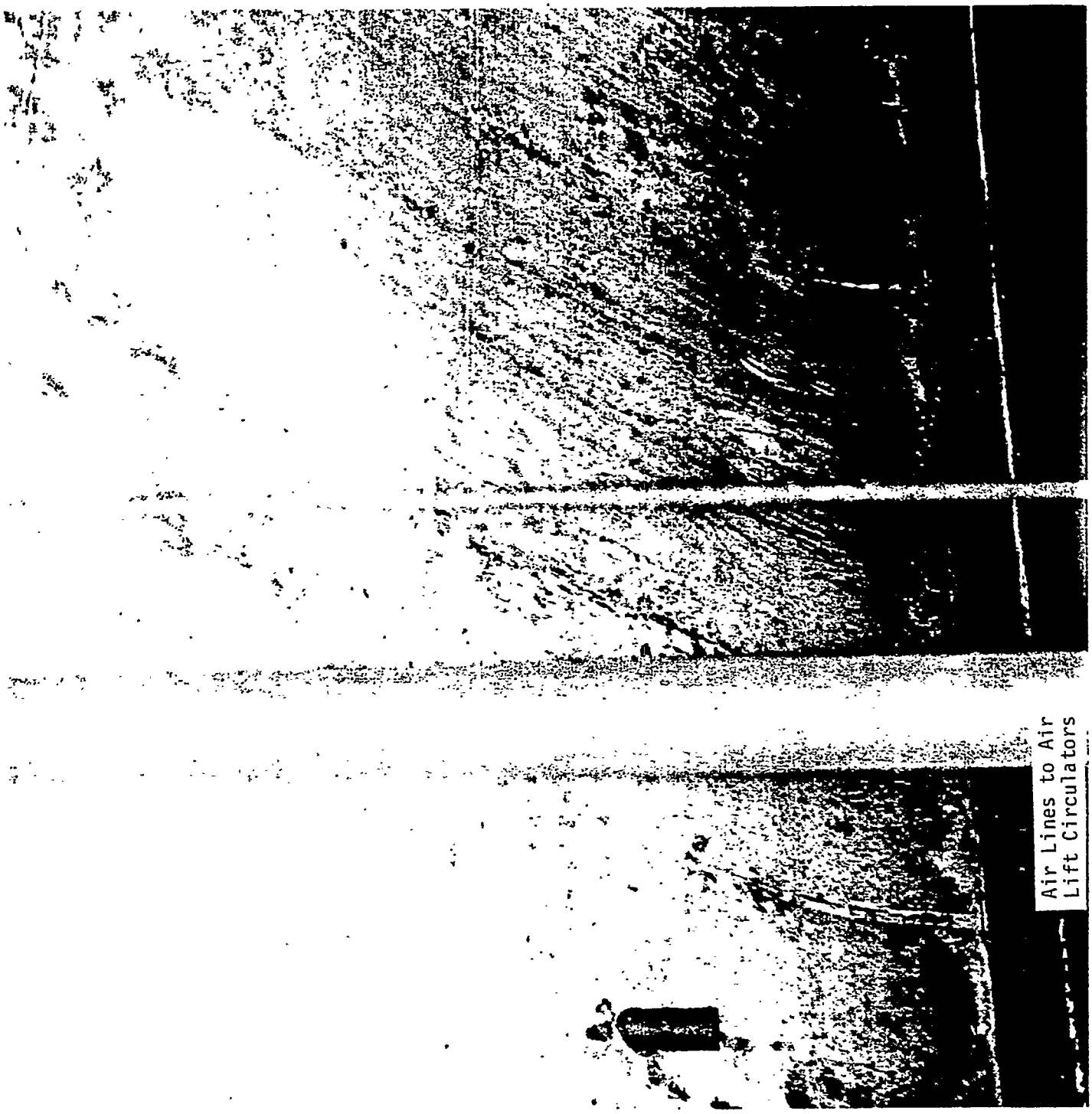

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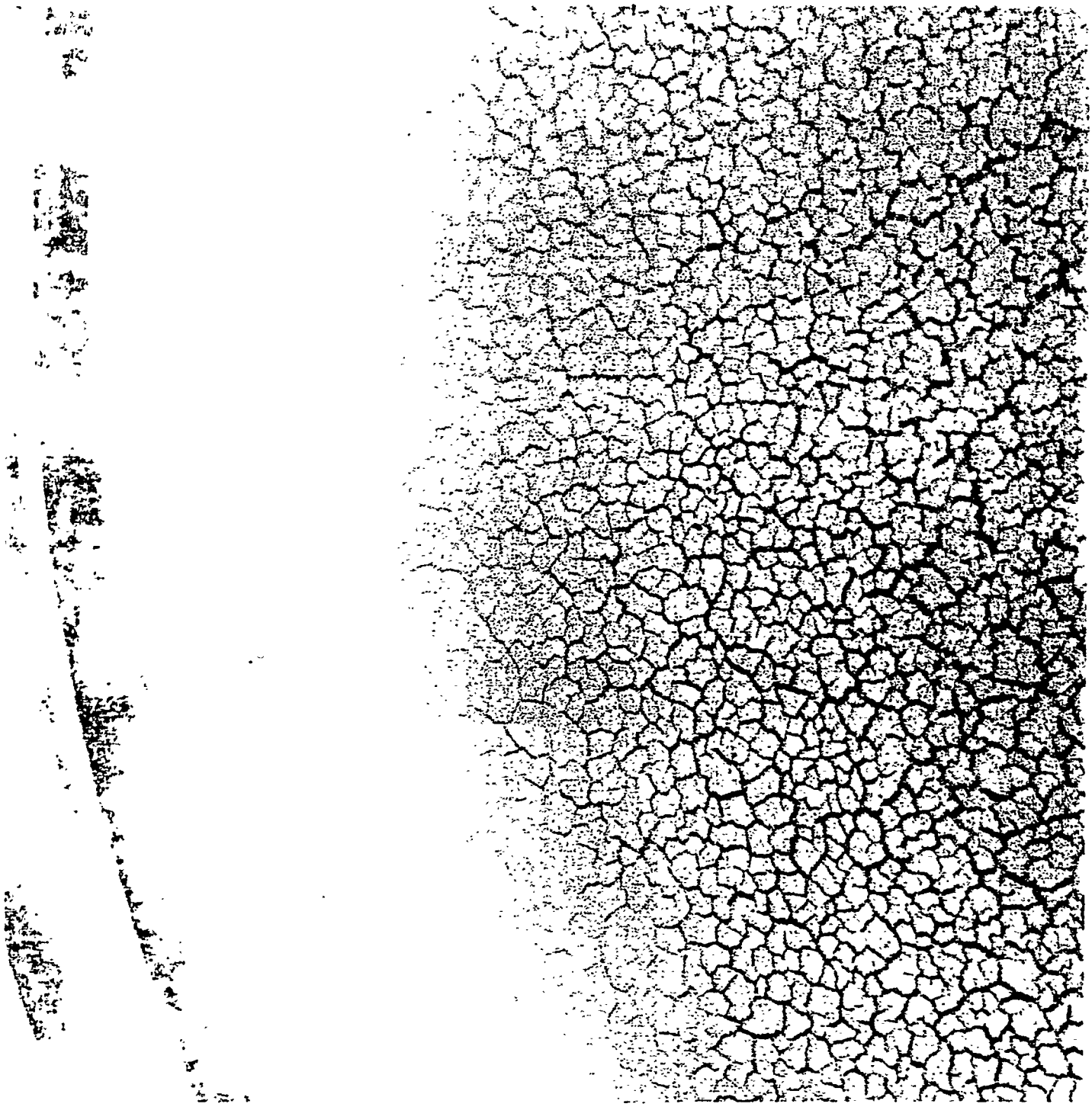
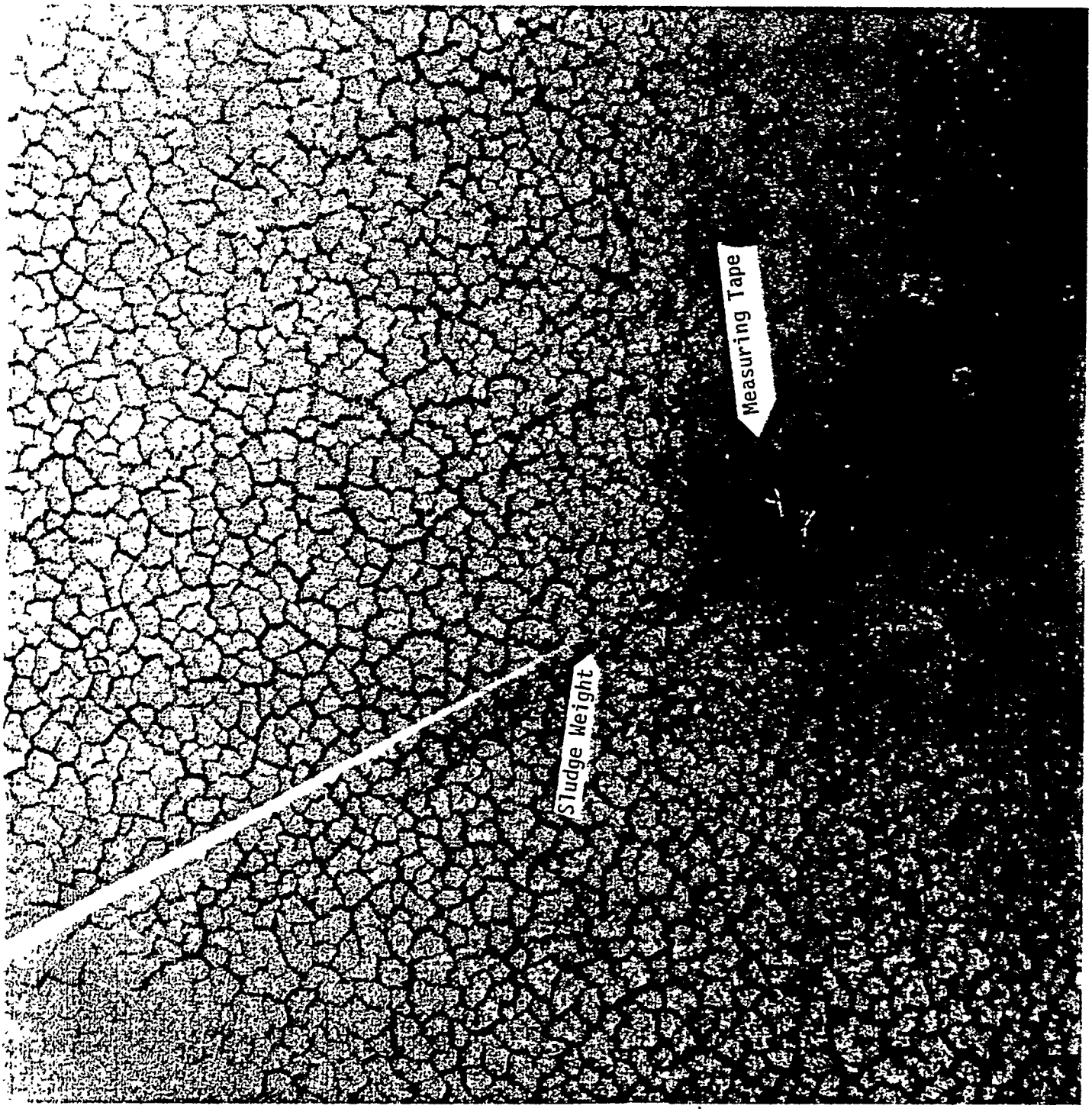


241-TY-106
8-22-89



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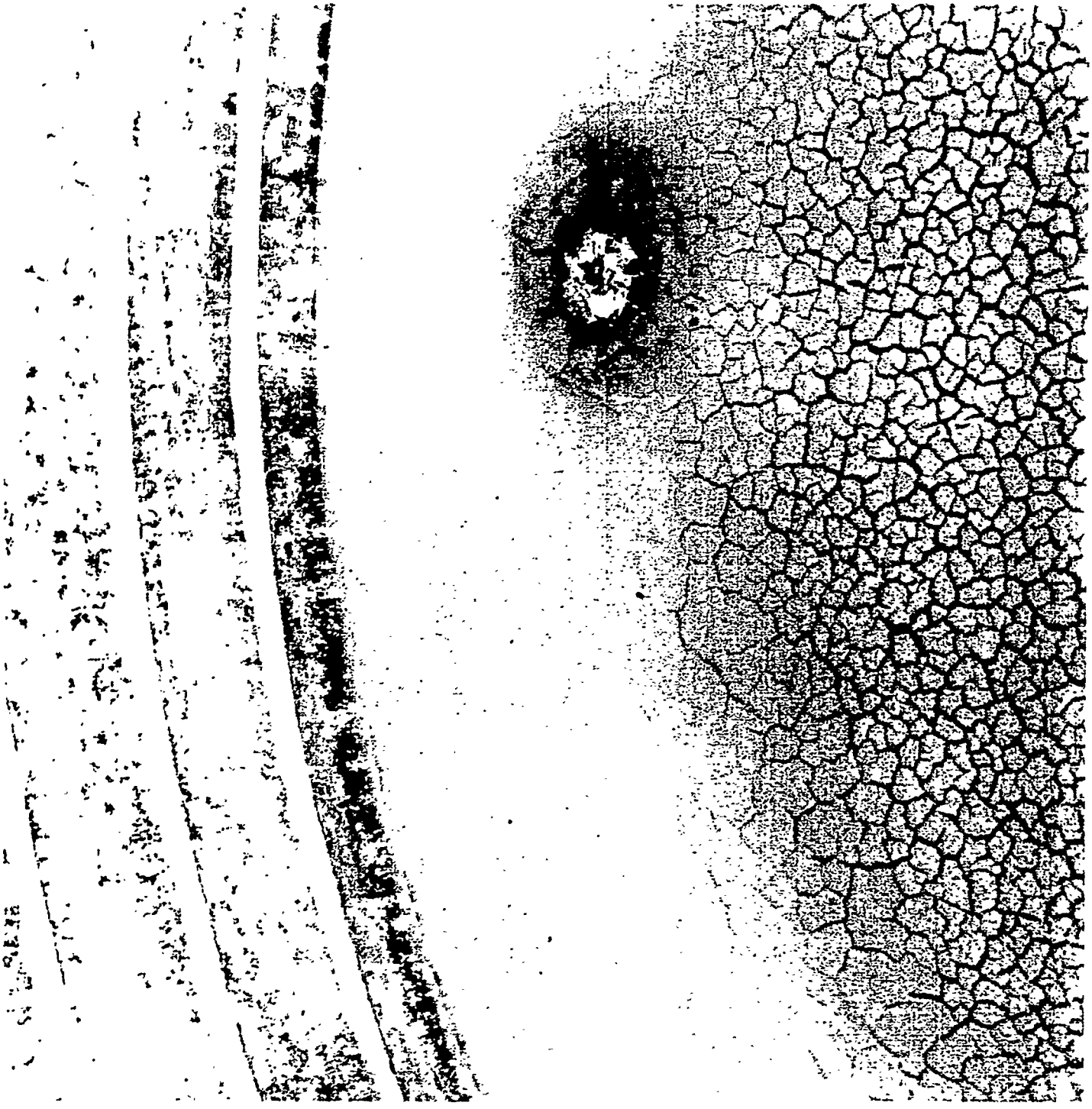
8-22-89



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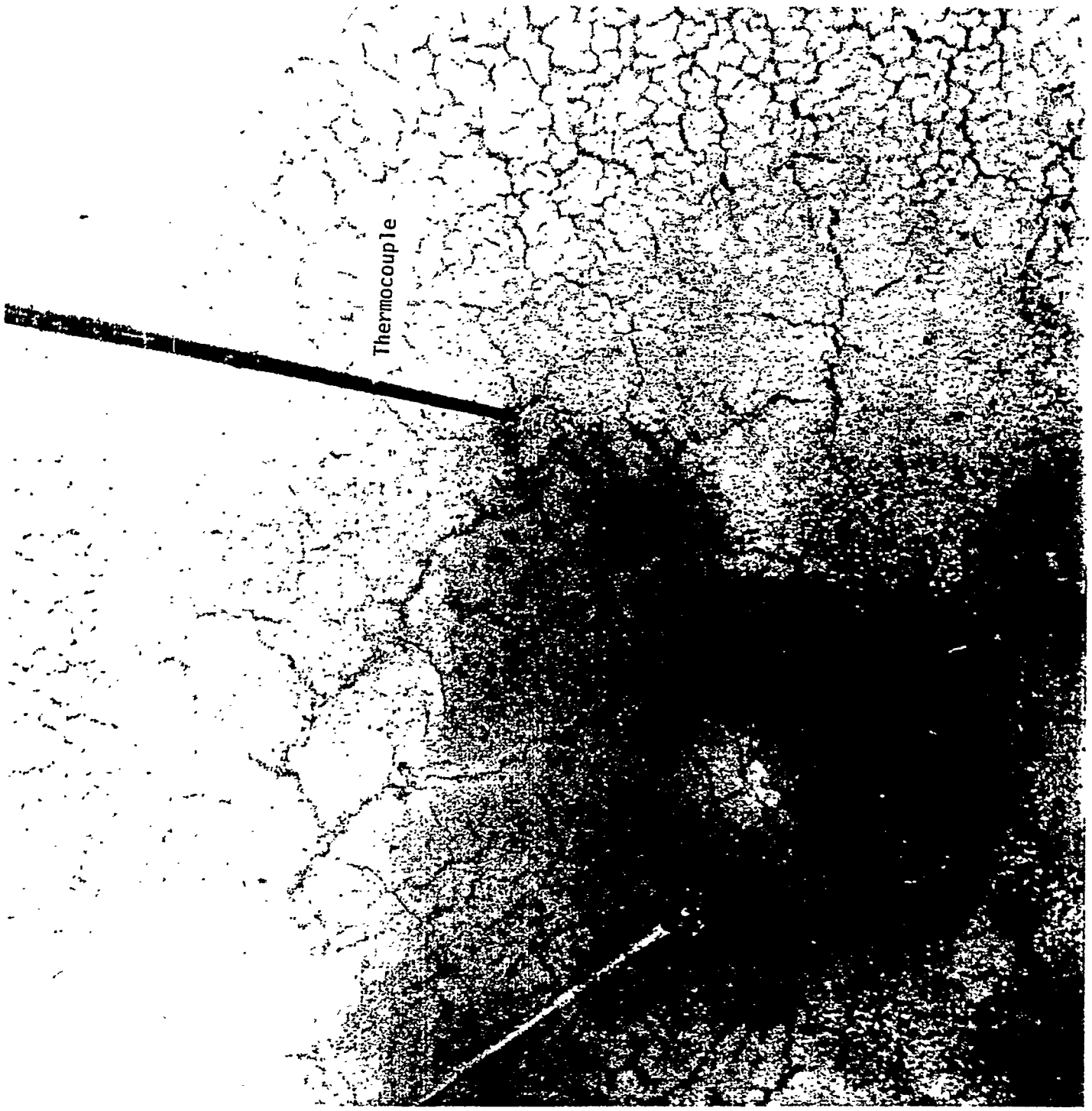
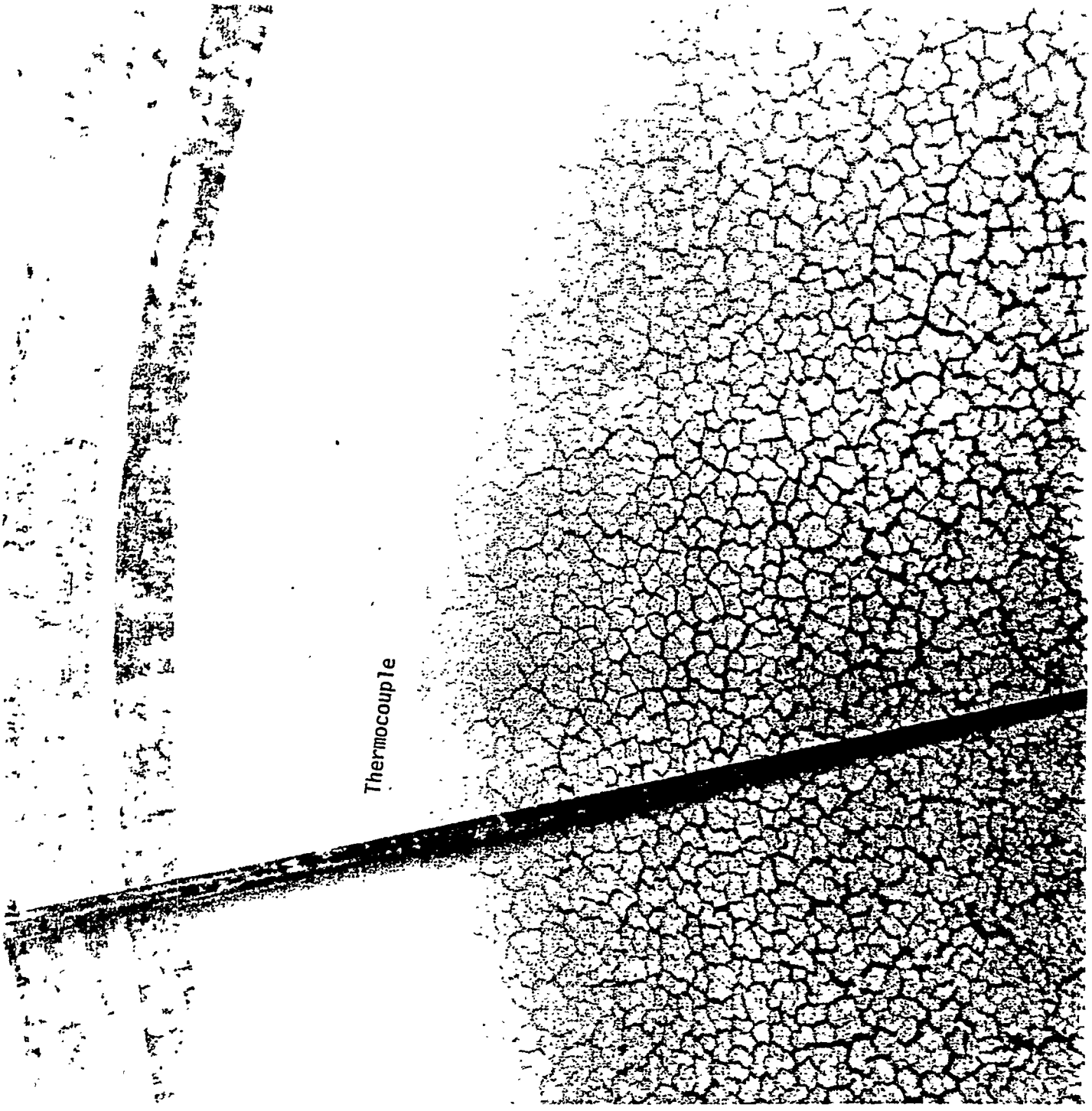
8-22-89

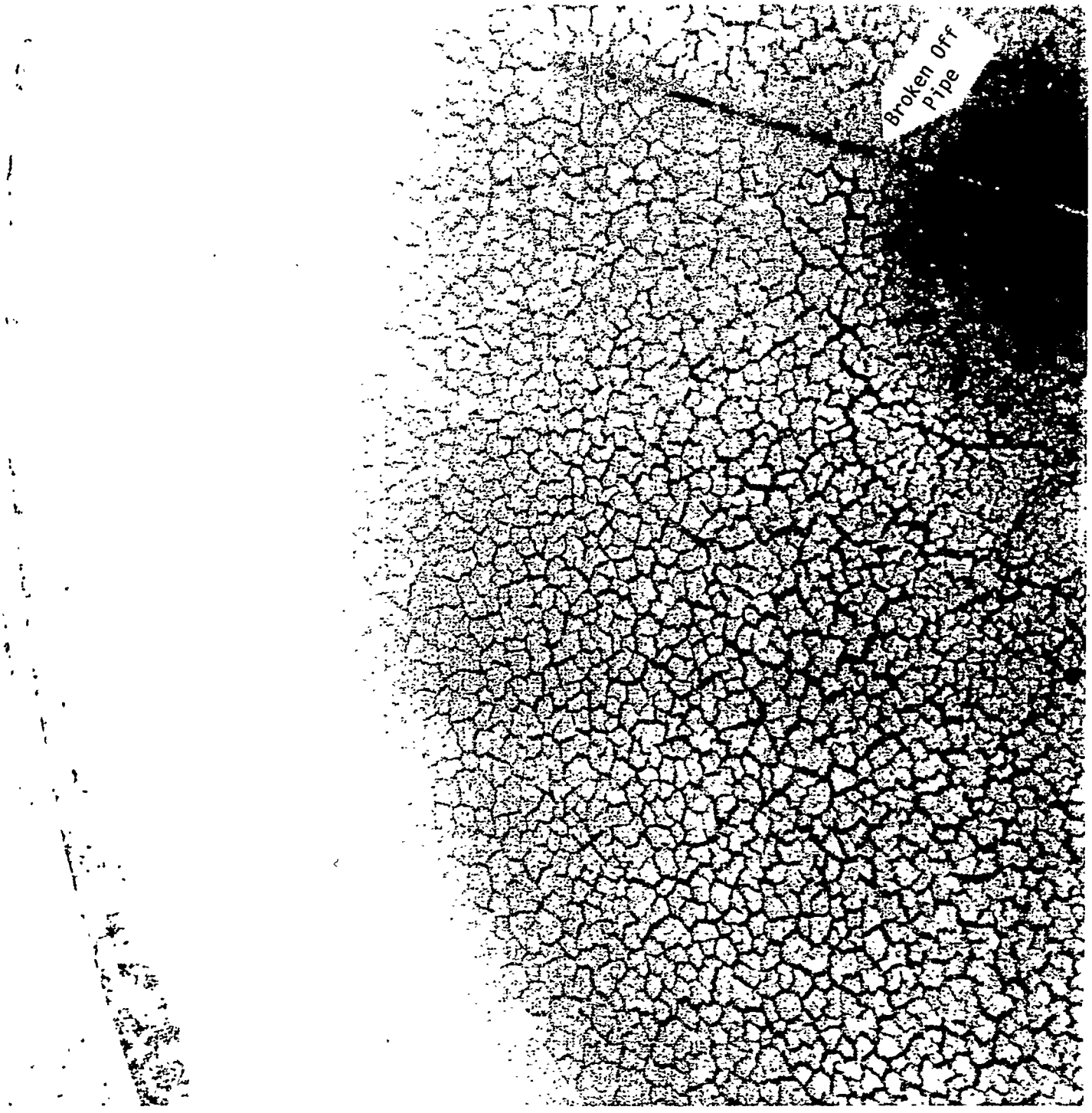


241-TY-106
8-22-89

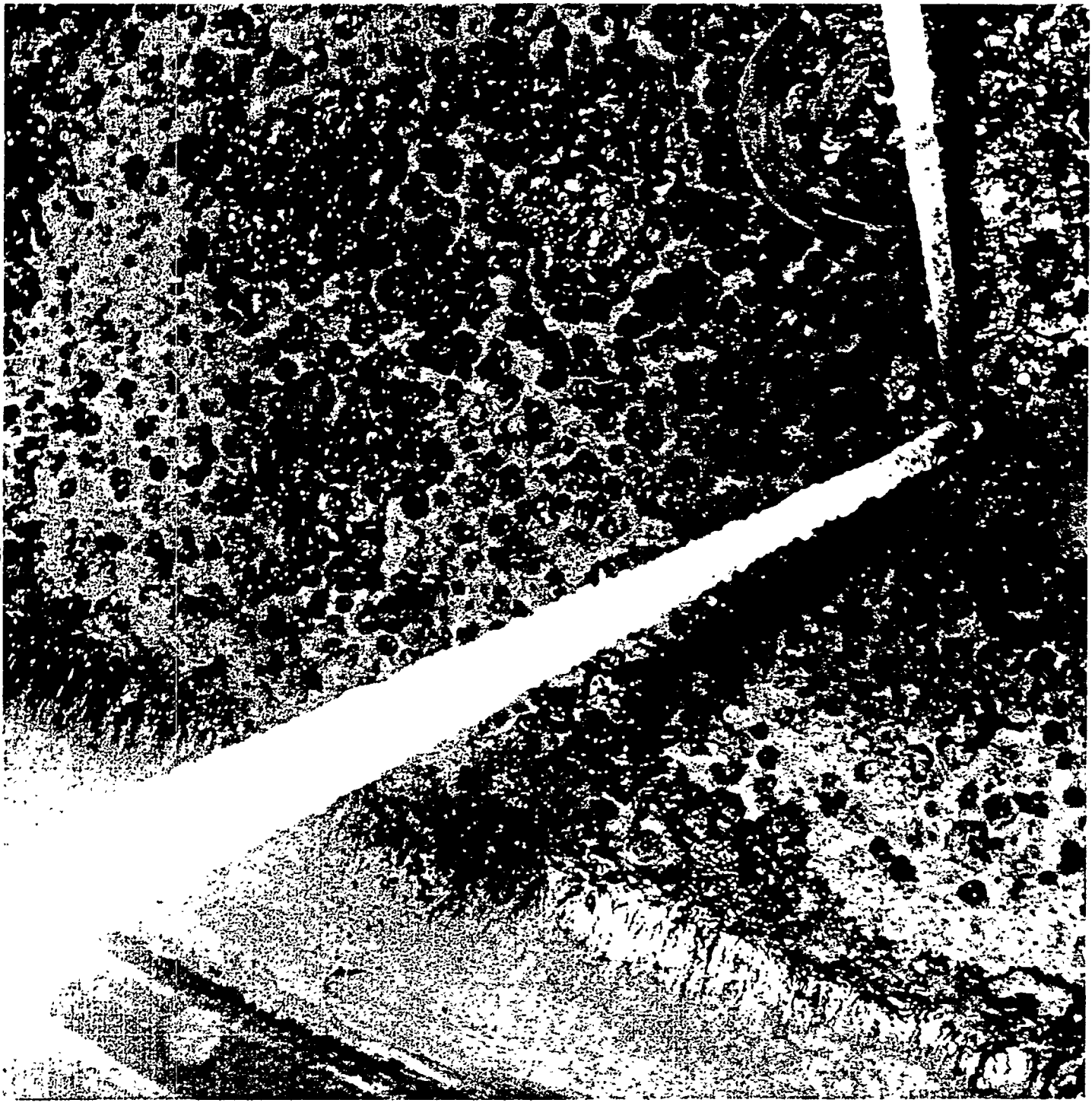
241-TY-106
8-22-89



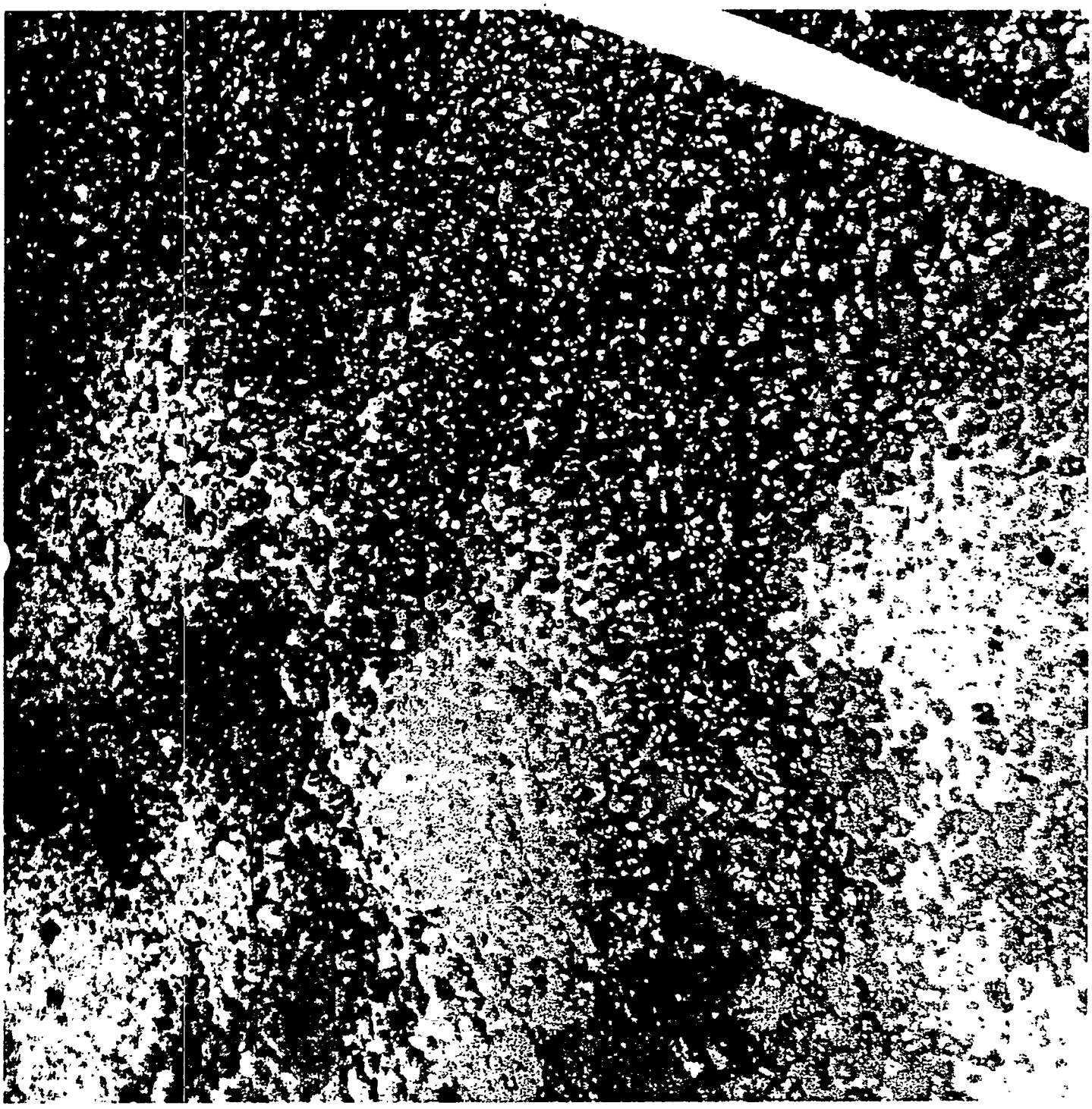
241-TY-106
8-22-89



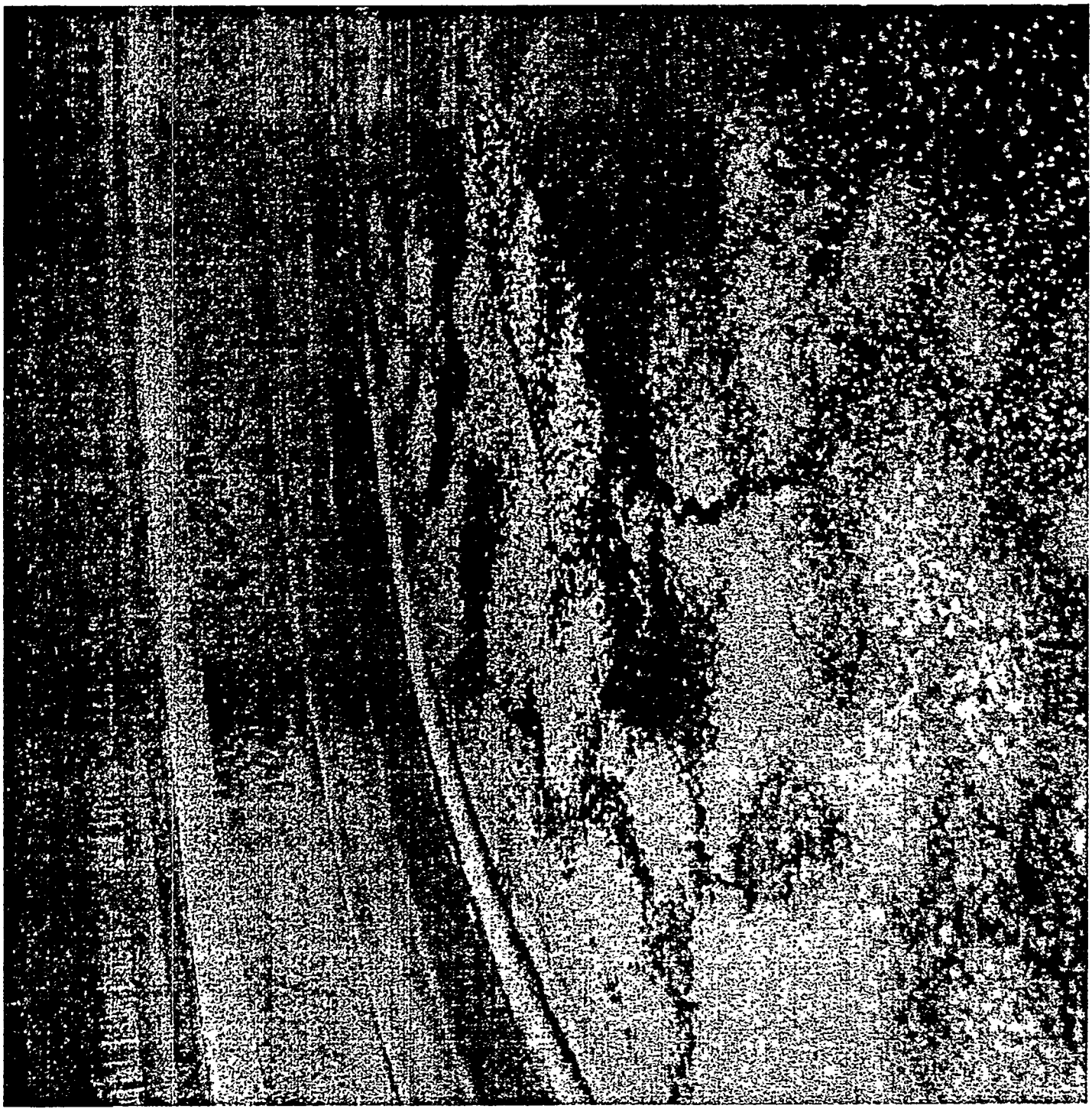
241-TY-106
8-22-89



241-BX-109
9/11/90

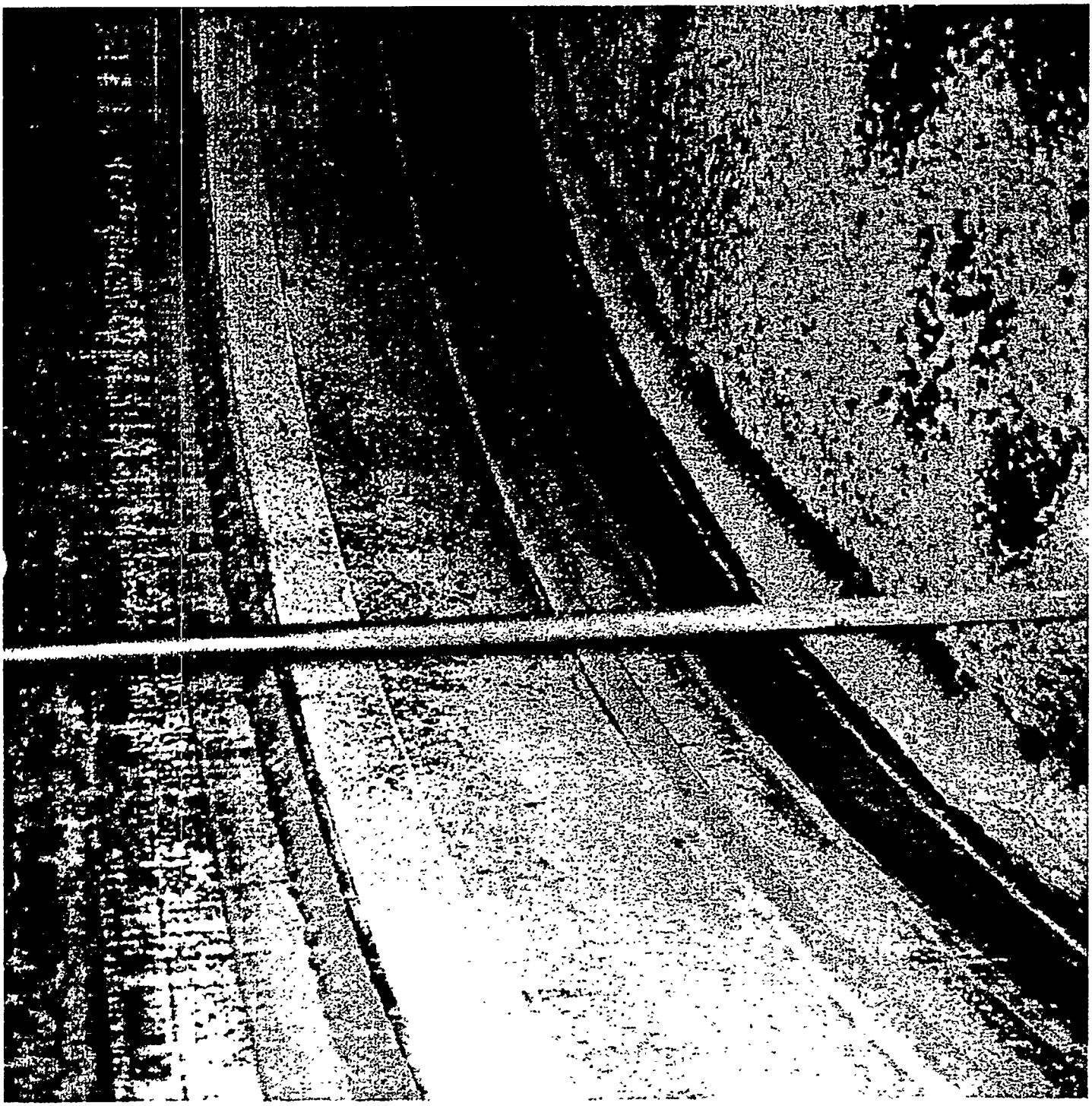


241-BX-109
9/11/90

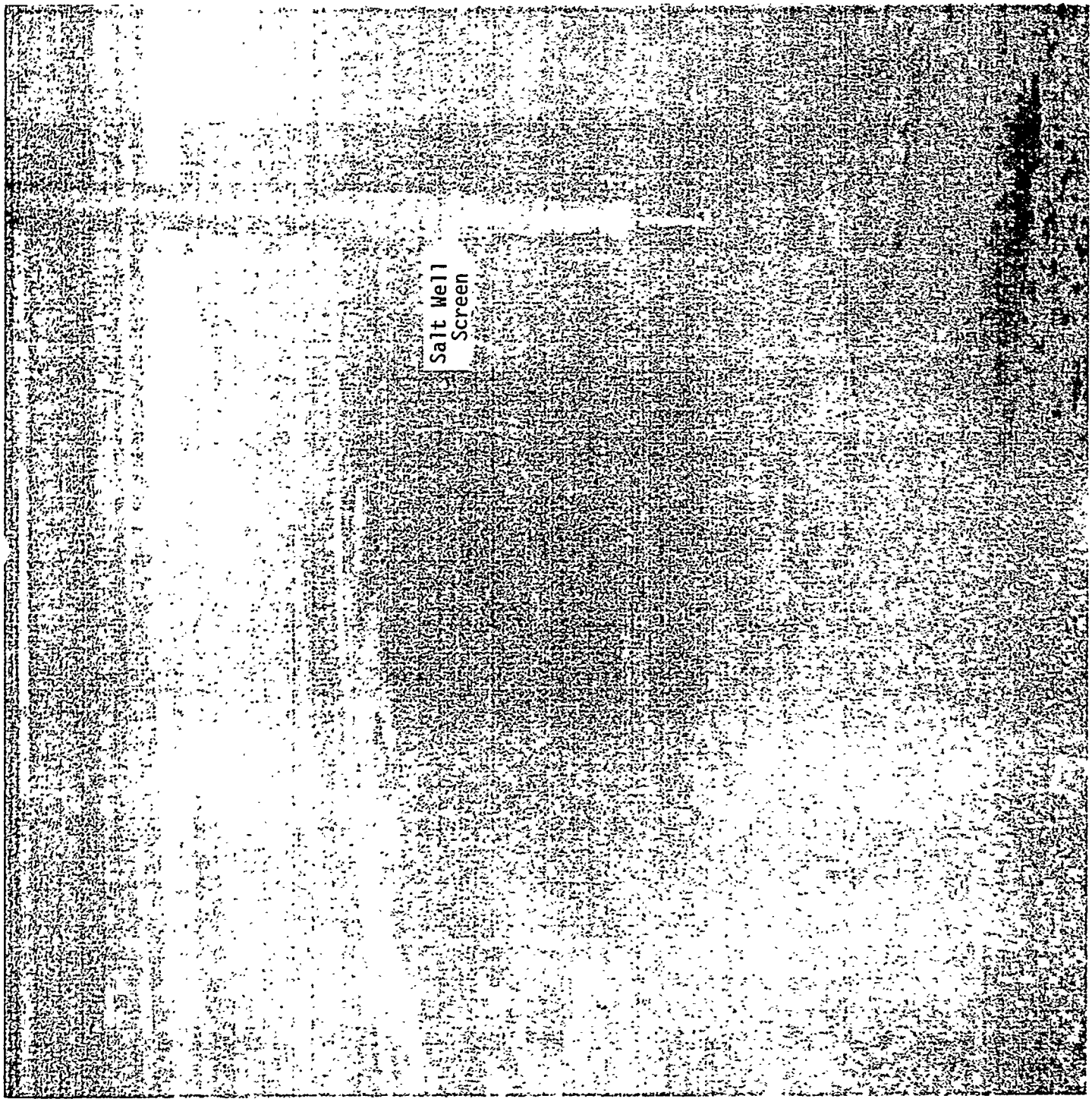


241-BX-109
9/11/90

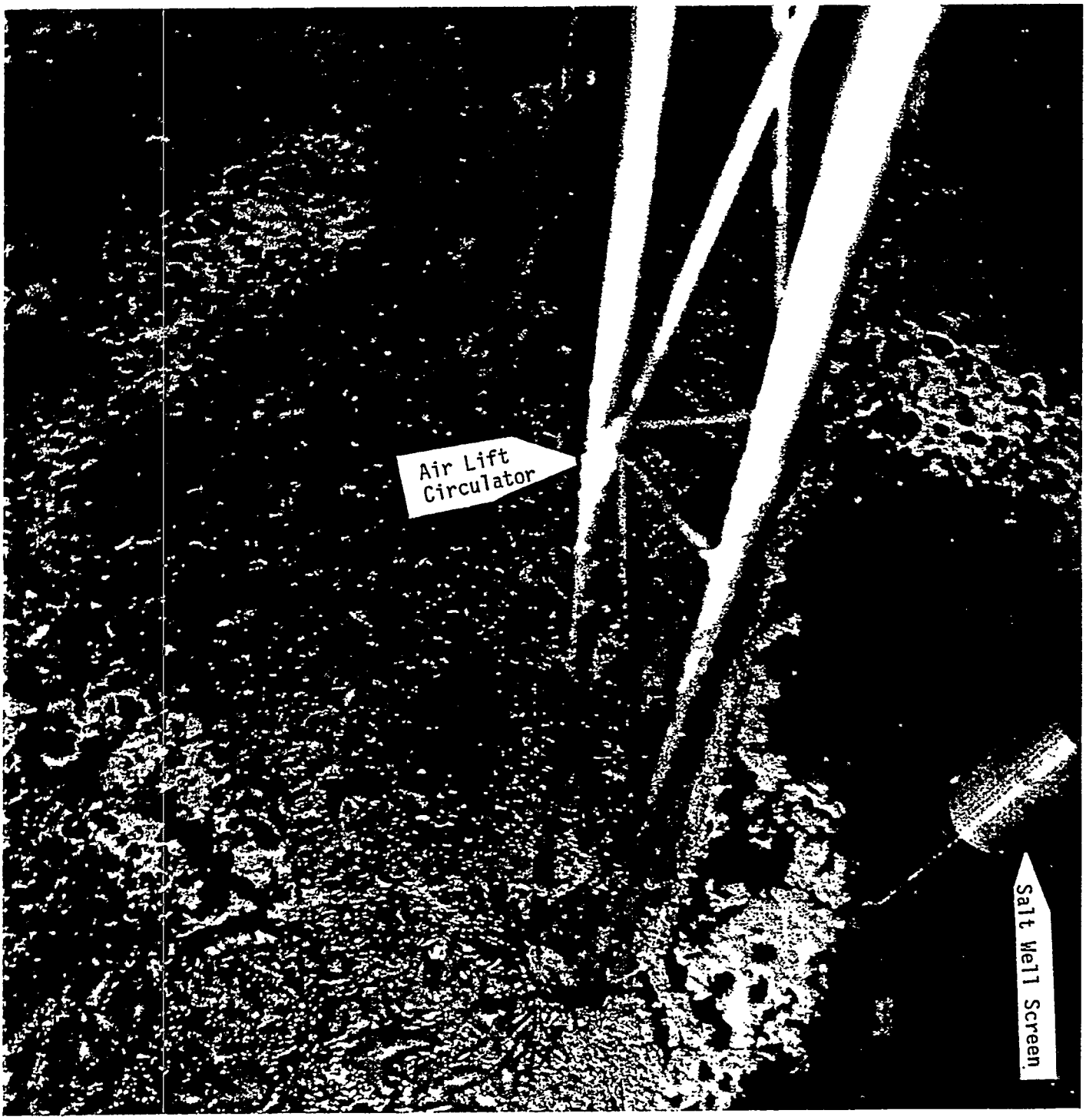
241-BX-109
9/11/90



241-BX-109
9/11/90

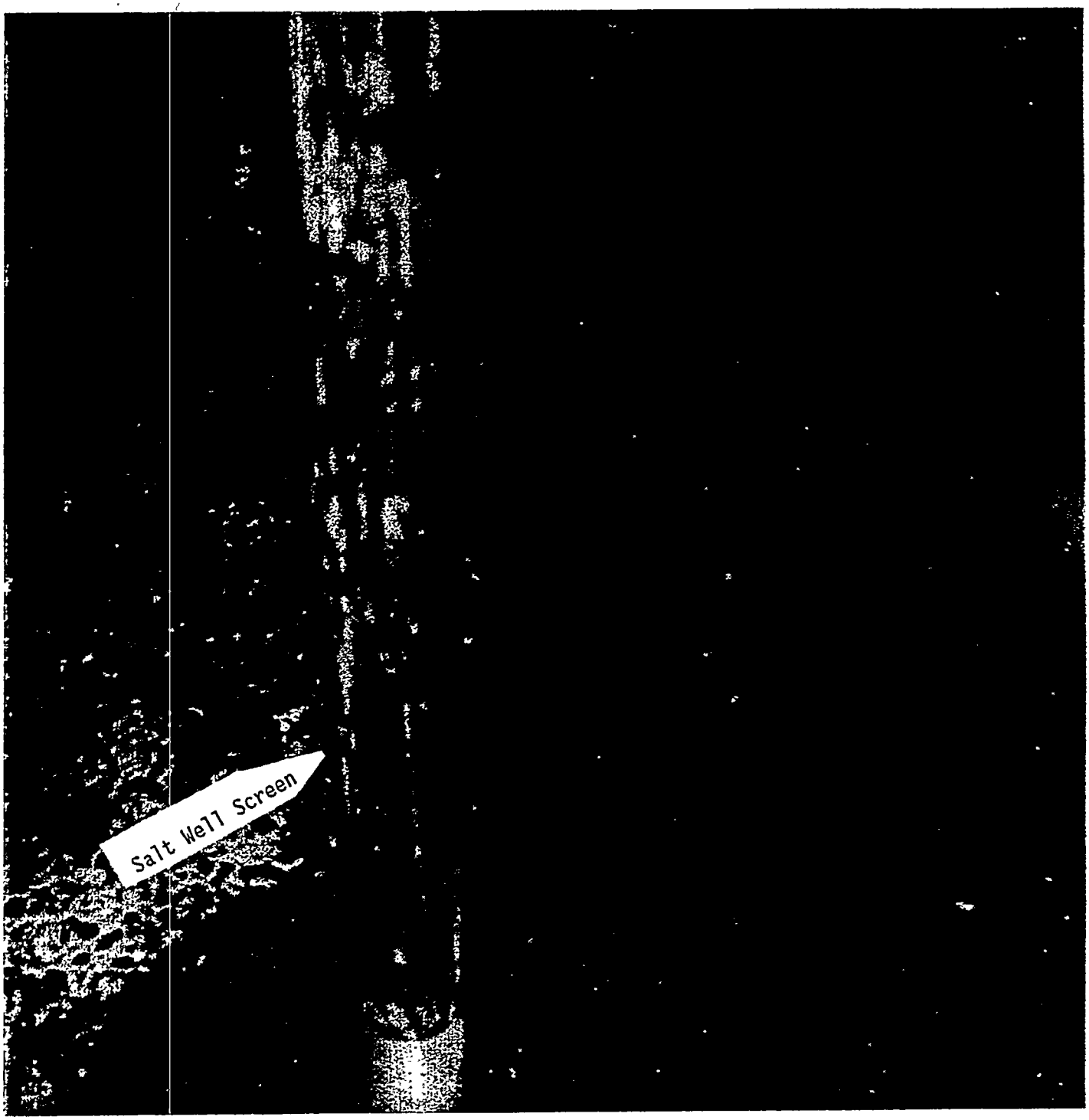


241-BX-109
9/11/90

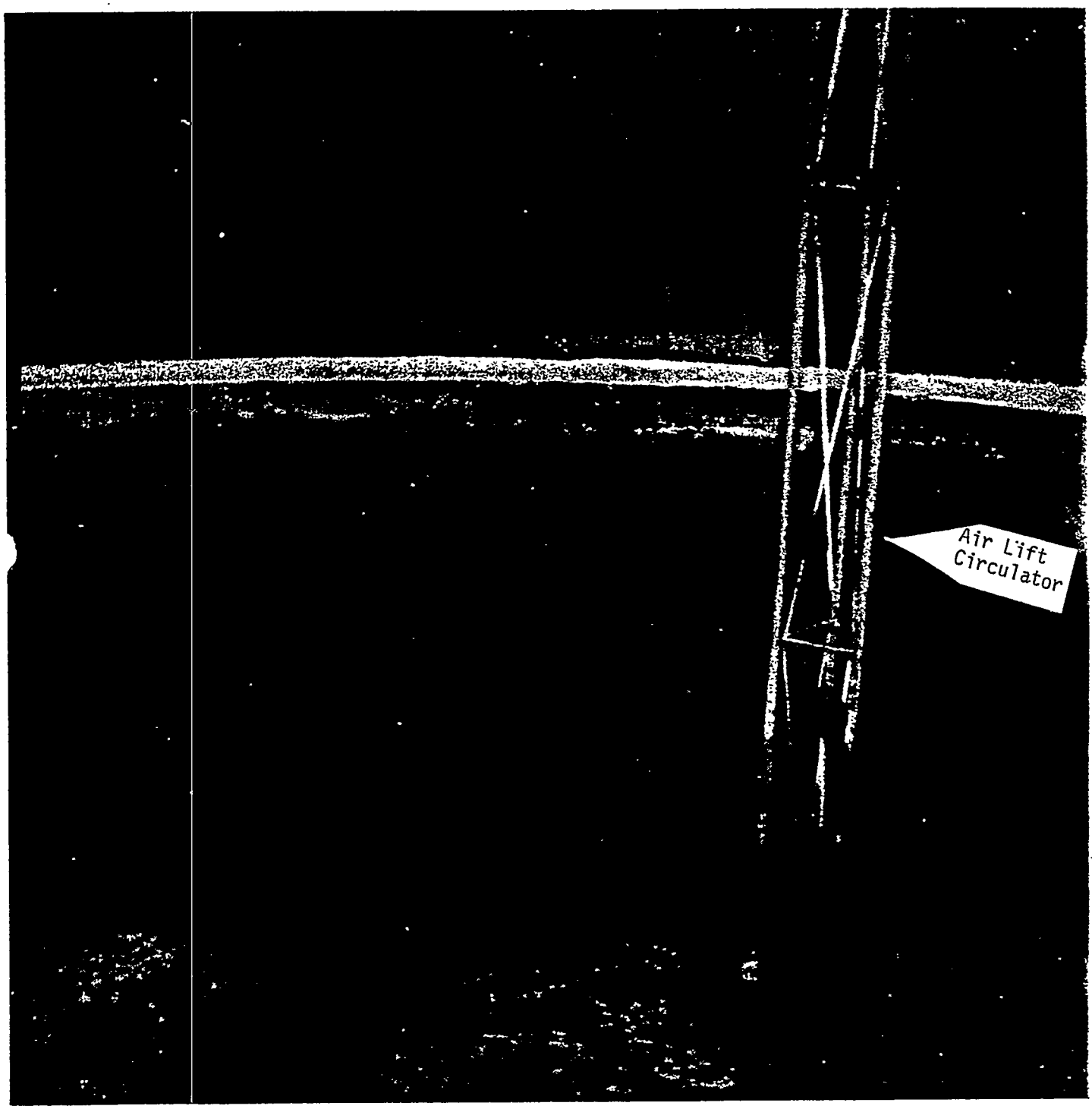


241-TX-111
09/12/89

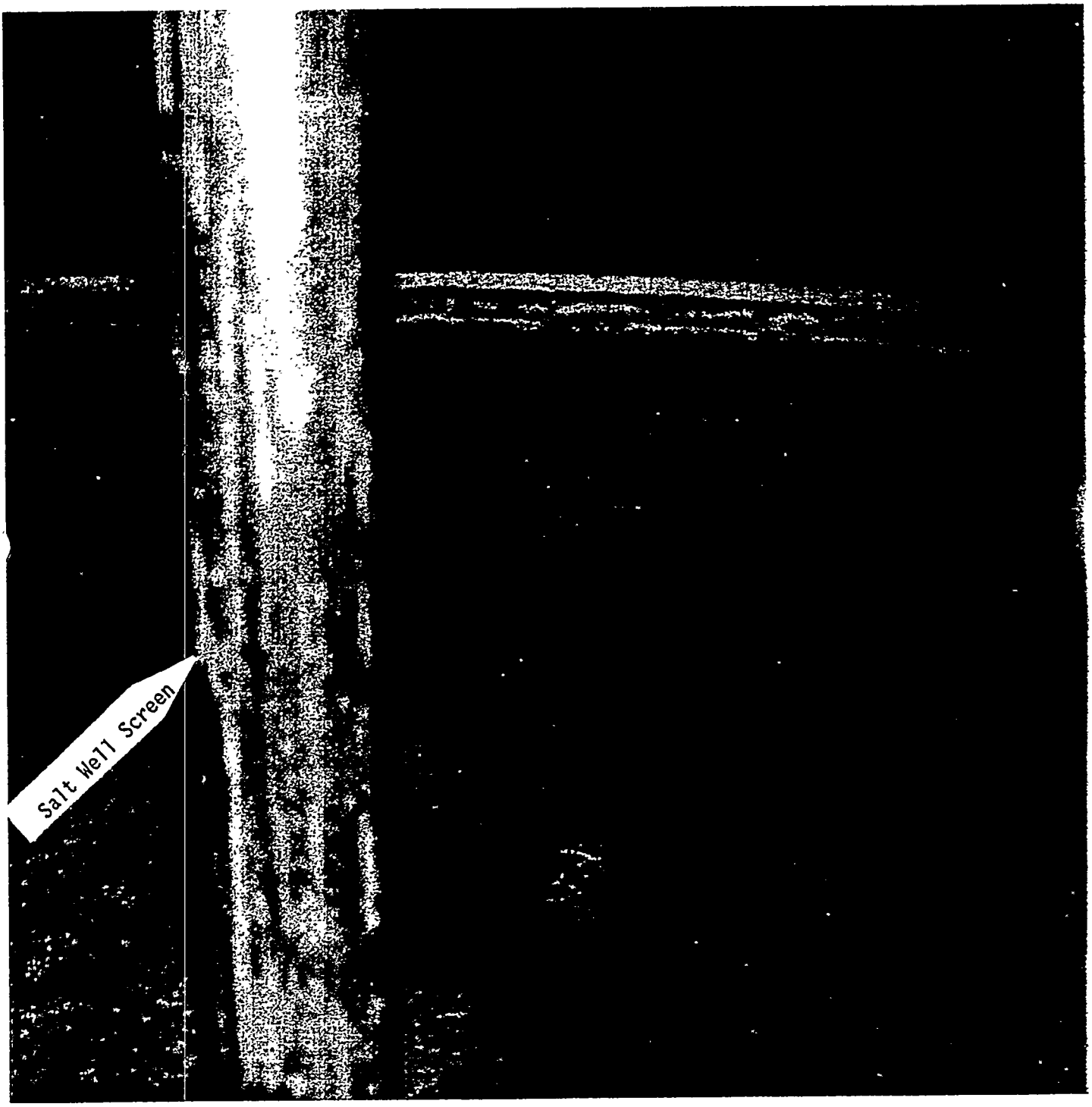
Air Lift
Circulator
Salt Well Screen



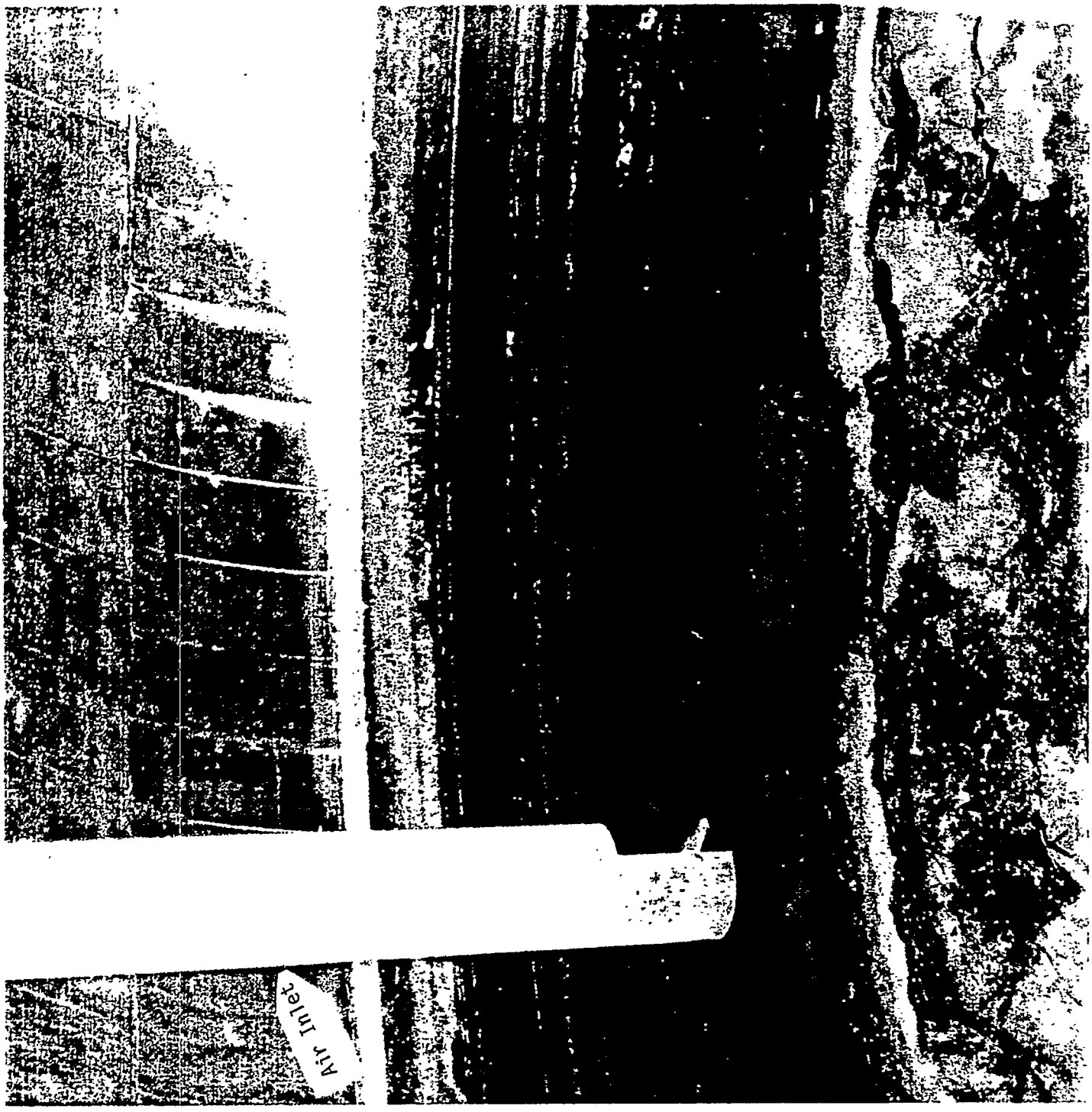
241-TX-111
09/12/89



241-TX-111
09/12/89



241-TX-111
09/12/89


Air Inlet

APPENDIX D.4

AVAILABLE DRAWINGS AND RISER INFORMATION: CANDIDATE SINGLE-SHELL TANKS FOR LIGHT-DUTY UTILITY ARM HOT TESTING

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```
  COPYRIGHT (C) 1985, 1990 SAS INSTITUTE INC., CARY, NC USA -
  USER.LEER:DBN IS ERSDB:
   -556- OPENED.....ERSDB                    5        49.336  11/21/1994  22:02:08
  ----
or count c20 wh (c6 cont t106 or c6 cont t-106 or c6 cont 106t or c6 cont 106-t)
:
  PR COUNT C20 WH (C6 CONT T106 OR C6 CONT T-106 OR C6 CONT 106T OR C6 CON
  T 106-T):
   CNT 20*  9
  ---
list/repeat suppress,title(131)/c1,c15,c6,ob c1,c15 wh sa:
  LIST/REPEAT SUPPRESS,TITLE(131)/C1,C15,C6,OB C1,C15 WH SA:
   * DRWG/DOC NO            SHEET-NO   TITLE
   ***
   * H 020035881            001        VENTILATION AIR FLOW DIAG TKS
                                       102-TX,105-TX,106TX
   * H 020035924            001        VENTILATION PLAN+DET TANKS 102
                                       TX 105TX 106TX
   * H 020035925            001        VENTILATION DETAILS TANKS 102T
                                       X 105TX 106TX
   * H 020037229            001        TANK 106-T LEAK INVESTIGATION
                                       PUMP HEEL+TK ELEV.
   * H 020040073            001        MECH EQUIP RECIRC DIPLESS TK-U
***



                                       -106THRU109 WASTE METAL REM
   * H 020072086            001        106-TY TANK ARRANGEMENT AS BLT
                                       .
   * H 020073055            001        PIPING WASTE TANK ISOLATION 24
                                       1-T-106
   * H 020815441            001        TBX-TMACS-T106-1 ASSEMBLY
   * H 020815441            002        TBX-TMACS-T106-1 WIRING DIAGRA
                                       M
   * SD-EN-AP-078                      WORK PLAN FOR DRILLING AND SAM
                                       PLING ACTIVITIES NEAR SINGLE-S
                                       HELL TANK 241-T-106 IN RESPONS
                                       E TO GAO RCED-89-157
   * SD-EN-TI-051                      CONTROL OF FISSIONABLE MATERIA
                                       LS IN THE VADOSE ZONE OF THE 2
                                       41-T-106 SINGLE SHELL TANK
   * SD-EN-TI-271                      RADIONUCLIDE LOGGING OF TANK 2
                                       41-T-106, BOREHOLE 299-W10-196
  ---
```

```
or count c20 wh (c6 cont t109 or c6 cont t-109 or c6 cont 109t or c6 cont 109-t)
:
  PR COUNT C20 WH (C6 CONT T109 OR C6 CONT T-109 OR C6 CONT 109T OR C6.CON
  T 109-T):
   CNT 20* 12
  ---
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  LIST/REPEAT SUPPRESS,TITLE(131)/C1,C15,C6,OB C1,C15 WH SA:
   * DRWG/DOC NO          SHEET-NO   TITLE
   *** - - - -  - - - -  - - - -  - - - - - - - - - - - - - - - - - - - - - -
   * H 020030423          001        JUMPER ASSM. E-G94-G109-T47-E-
                                     10
   * H 020030588          001        JUMPER ASSY E-G94-G109-T47-E-1
                                     0
   * H 020036288          001        VENT PLANS+DETAILS TK103TX TK1
                                     04TX TK107TX TK108TX TK109TX
   * H 020039811          001        PIPE JUMPER CELL F JUMPER F-T9
                                     9-T109 TO TK.F7 NOZ. NO. 5
   * H 020039812          001        PIPE JUMPER CELL F JUMPER F-T9
                                     9-T109 TO TKF8 NOZ. NO.6
   * H 020039813          001        PIPE JUMPER CELL F F-G118 TO J
                                     UMPER F-T109-F7 + F-G130 TO J
   * H 020045744          001        JUMPER ASSY F-G130-F8-T99-T109
***

   * H 020057679          001        -F9
   * H 020058939          001        JUMPER ASSM. G-T109-G1-1
   * H 020070000          001        JUMPER ASSY J-G109-T-J4-F
   * H 020073057 ✓ 6ft.   001        WATER FLUSH ADDITION FOR THERM
                                     OCOUPLE 109-T PROB
   * SK020043848          001        PIPING WASTE TANK ISOLATION 24
                                     1-T-109
                                     TITLE I VENT AIR FLOW DIAG TK1
                                     03TX-104,107TX-109TX
  ---
```

```
or count c20 wh (c6 cont t112 or c6 cont t-112 or c6 cont 112t or c6 cont 112-t)
:
  PR COUNT C20 WH (C6 CONT T112 OR C6 CUTN T-112 OR C6 CONT 112T OR C6 CON
  ..................................................C
   -808- UNRECOGNIZED COMPONENT LABEL -
  T 112-T):
  ----

  PR COUNT C20 WH (C6 CONT T112 OR C6 CONT T-112 OR C6 CONT 112T OR C6 CON
  T 112-T):
   CNT 20*  9
  ----
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  LIST/REPEAT SUPPRESS,TITLE(131)/C1,C15,C6,OB C1,C15 WH SA:
   * DRWG/DOC NO              SHEET-NO    TITLE
   ***
   * H 020003019              001         WASTE ROUTING 241-T-112 TO 216
                                          T-26,27,28 CRIBS
   * H 020003020              001         WASTE LINE 241-T-112 TANK TO 2
                                          41-TX-3 CRIB
   * H 020003023              001 ------- ELECT. 241-T-112 WASTE LINE PL- -------
                                          OT PL000+ DET.
***

   * H 020045294              001         * JUMPER ASSM. F-G112-T92-F7
   * H 020060188              001         JUMPER ASSY F-T112-A-F26-JJ
   * H 020060191              001         JUMPER ASSY F-T112 + F-T112A
   * H 020073065              001         PIPING WASTE TANK ISOLATION 24
                                          1-T-112
   * H 020815445              001         TBX-TMACS-T112-1 ASSEMBLY
   * H 020815445              002         TBX-TMACS-T112-1 WIRING DIAGRA
                                          M
   * SD-WM-TP-224                        TANK 241-T-112 TANK CHARACTERI
                                          ZATION PLAN
  ----
```

* DRWG/DOC NO ***	SHEET-NO	TITLE
* H 020038680 ✓	001	ADDITIONAL TEMP ELEMENTS TK-104-AX
* H 020044575	001	STRUCT LEAK DETECTION PIT TNKS 102 + 104-AX
* H 020044619	001	DIRECT BURIED PIPING PLAN TKS 103 + 104-AX
* H 020044624	001	DIRECT BURIED PIPING SECTIONS TKS 101. 102, 103 + 104AX
* H 020044670	001	LEAK DETECTION PIT PIPING + EQUIP ARRGT TKS 102-104AX
* H 020063823	002	103-AX+104-AX SLUICING TRANSFER LINE ENCASEMENTS PLAN + DETA
* H 020068240	001	104-AX TANK ARRANGEMENT AS BUILT
* H 020073382 ✓	001	PIPING WASTE TANK ISOLATION TK 241-AX-104
* SD-WM-TP-243		TANK 241-AX-104 TANK CHARACTERIZATION PLAN

* DRWG/DOC NO ***	SHEET-NO	TITLE
* H 020072086 ✓	001	106-TY TANK ARRANGEMENT AS BLT
* H 020073091 ✓	001	PIPING WASTE ISOLATION 241-TY-106
* SD-RE-TI-181		DATA TRANSMITTAL PACKAGE FOR 241-TY-106 WASTE TANK CHARACTERIZATION

* DRWG/DOC NO ***	SHEET-NO	TITLE
* H 020034975	001	SALT WELL-PUMP PIT 241BX109 PL OT PLAN+DETAILS
* H 020034976	001	SALT WELL-PUMP PIT 241BX109 AR RANGEMT+PIPING
* H 020034980	001	JUMPER ASSY 241BX08A TO 241BX1 09
* H 020073319 ✓	001	PIPING WASTE TANK ISOLATION 24 1-BX-109
* H 020815452	001	TBX-TMACS-BX109-1 ASSEMBLY
* H 020815452	002	TBX-TMACS-BX109-1 WIRING DIAGR AM

* DRWG/DOC NO ***	SHEET-NO	TITLE
* H 020036287	001	VENT AIR FL+CONT DIAG TANKS TK 103TX TK104TX TK107TX TK108TX
* H 020036288	001	VENT PLANS+DETAILS TK103TX TK1 04TX TK107TX TK108TX TK109TX
* H 020073125	001	PIPING WASTE TANK ISOLATION 24 1-TX-107
* SK020043848	001	TITLE I VENT AIR FLOW DIAG TK1 03TX-104.107TX-109TX
* DRWG/DOC NO ***	SHEET-NO	TITLE
* H 020073129 ✓	001	PIPING WASTE TANK ISOLATION 24 1-TX-111

APPENDIX E.1

TEMPERATURE PROFILES: SINGLE-SHELL TANKS

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Example Manual Data

TEMPERATURE PROFILE FOR A101
08/01/1994 - 10/18/1994

6 Tanks

TEMPERATURES - °FAHRENHEIT

Surface Level: 342.250000 inches as of: 10/01/94

TC Height (inches from bottom)			28	52	76	100	124	148	172	196	220	244	268	292	316	340	364	412	460
DATE	RISER	SOURCE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
08/03/94	Riser 12 J	MANUAL	143	145	147	148	148	148	148	150	151	149	146	140	133	124	113	102		
08/10/94	Riser 12 J	MANUAL	148	150	151	152	152	152	153	154	155	154	150	145	137	127	116	105		
08/17/94	Riser 12 J	MANUAL	143	145	147	147	148	148	148	150	151	149	146	140	133	124	113	103	101	101
08/24/94	Riser 12 J	MANUAL	148	150	151	152	152	152	153	154	155	154	150	145	137	128	117	106	105	105
09/02/94	Riser 12 J	MANUAL	145	147	149	150	150	150	150	152	153	151	148	142	135	126	116	105	104	104
09/07/94	Riser 12 J	MANUAL	148	150	151	152	152	152	153	154	155	154	150	145	138	129	118	107		
09/14/94	Riser 12 J	MANUAL	146	148	149	150	150	150	150	152	153	152	148	143	136	127	117	105		
09/21/94	Riser 12 J	MANUAL	145	147	148	149	149	150	150	151	152	151	147	142	135	126	116	105	104	104
09/28/94	Riser 12 J	MANUAL	145	147	148	149	150	150	150	151	152	151	148	142	136	127	117	105	104	104
10/05/94	Riser 12 J	MANUAL	143	145	146	147	147	147	148	149	150	149	146	140	134	125	115	104		
10/14/94	Riser 12 J	MANUAL	145	147	148	149	150	150	150	152	152	151	148	143	136	127	117	106	104	104

TEMPERATURE PROFILE FOR
A102
01/01/1993 - 10/19/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 16.500000 inches as of: 07/11/94

24" 46.0"

DATE	RISER	SOURCE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
01/02/93	Historical	MANUAL	92	89	90	90	90		90	90	90	90	89	89	90	89	90	89	90	89
06/30/93	Historical	MANUAL	90	88	88	88	88		88	88	88	87	87	87	87	87	87	87	87	87
07/02/93	Historical	MANUAL	92	90	90	90	90		90	90	90	90	90	90	90	90	89	90	89	89
01/02/94	Historical	MANUAL	90	87	87	87	87		87	87	87	87	87	87	87	87	87	87		
07/17/94	Riser 7 J	MANUAL	94	92	91	91	91		91	91	91	91	91	91	91	91	91	91	91	92
10/05/94	Riser 7 J	MANUAL	94	92	92	92	92		92	92	92	92	92	92	92	92	92	92		

Estimated height (inches)

TEMPERATURE PROFILE FOR
A103
01/01/1993 - 10/19/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 137.400000 inches as of: 07/09/94

DATE	RISER	SOURCE	1 (4")	2 (28")	3 (52")	4 (76")	5 (100")	6 (124")	7 (148")	8 (172")	9 (196")	10 (220")	11 (244")	12 (268")	13 (292")	14 (316")	15 (340")	16 (364")	17 (412")	18 (460")
01/02/93	Historical	MANUAL 65*	117	115	113	108	101	92	86	86	86	86	85	85	86	85	85	85	85
06/30/93	Historical	MANUAL	115	110	105	97	89	84	84	83	83	83	83	83	83	83	83	83	83
07/02/93	Historical	MANUAL 119	117	113	107	99	91	86	86	86	85	85	85	85	85	85	85	85	85
01/02/94	Historical	MANUAL 114	112	109	105	98	89	83	83	83	83	82	82	82	82	82	82	82	82
07/01/94	Riser 15 J	MANUAL 116	114	110	105	98	90	85	85	85	85	85	85	85	85	85	85	85		
07/17/94	Riser 15 J	MANUAL 119	116	112	107	100	92	88	88	87	87	87	87	87	87	87	87	87	87	87
10/05/94	Riser 15 J	MANUAL 115	113	110	106	100	93	89	89	89	89	89	89	89	89	89	89	89		

TEMPERATURE PROFILE FOR
A104
08/01/1994 - 10/18/1994

TEMPERATURES - °FAHRENHEIT

13

DATE	RISER		SOURCE	1
08/03/94	Riser 12	J	MANUAL	186
	Riser 18	J	MANUAL	187
08/10/94	Riser 12	J	MANUAL	190
	Riser 18	J	MANUAL	190
08/17/94	Riser 12	J	MANUAL	187
	Riser 18	J	MANUAL	188
08/24/94	Riser 12	J	MANUAL	193
	Riser 18	J	MANUAL	195
08/31/94	Riser 12	J	MANUAL	187 —
	Riser 18	J	MANUAL	189 X
09/07/94	Riser 12	J	MANUAL	194 —
	Riser 18	J	MANUAL	196 X
09/14/94	Riser 12	J	MANUAL	192 —
	Riser 18	J	MANUAL	193 X
09/21/94	Riser 12	J	MANUAL	190 —
	Riser 18	J	MANUAL	192 X
09/28/94	Riser 12	J	MANUAL	189 —
	Riser 18	J	MANUAL	191 X
10/05/94	Riser 12	J	MANUAL	187 —
	Riser 18	J	MANUAL	189 X
10/12/94	Riser 12	J	MANUAL	191 —
	Riser 18	J	MANUAL	193 X

TEMPERATURE PROFILE FOR A105
08/01/1994 - 10/18/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 13.750000 inches as of: 10/01/94

DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
08/03/94	Riser 15	E	MANUAL	154																																	
	Riser 16	E	MANUAL	156																																	
	Riser 17	E	MANUAL	155																																	
	Riser 19	E	MANUAL	155																																	
	Riser 22	E	MANUAL	104*																																	
	Riser 9	E	MANUAL	154																																	
	Riser 1	J	MANUAL	193	226	236	235	233	227	221	212	190	227	239	236	235	235	233	237	235	206	145	153	162	180	198	211	231	179	220	237	237	225	214	206	206	212
08/10/94	Riser 15	E	MANUAL	146																																	
	Riser 16	E	MANUAL	151																																	
	Riser 17	E	MANUAL	149																																	
	Riser 19	E	MANUAL	149																																	
	Riser 22	E	MANUAL	84*																																	
	Riser 9	E	MANUAL	147																																	
	Riser 1	J	MANUAL	193	228	238	237	235	229	222	213	182	229	241	238	238	238	236	240	238	210	147	155	186	183	201	214	234	183	223	241	240	229	217	209	208	215
08/17/94	Riser 15	E	MANUAL	152																																	
	Riser 16	E	MANUAL	154																																	
	Riser 17	E	MANUAL	152																																	
	Riser 19	E	MANUAL	152																																	
	Riser 22	E	MANUAL	83*																																	
	Riser 9	E	MANUAL	150																																	
	Riser 1	J	MANUAL	193	226	235	236	235	227	220	211	179	226	238	235	235	234	232	236	234	207	145	153	163	180	198	211	231	180	220	238	237	226	215	206	206	213
08/24/94	Riser 15	E	MANUAL	147																																	
	Riser 16	E	MANUAL	152																																	
	Riser 17	E	MANUAL	150																																	
	Riser 19	E	MANUAL	150																																	
	Riser 22	E	MANUAL	76*																																	
	Riser 9	E	MANUAL	148																																	
	Riser 1	J	MANUAL	199	234	244	243	242	236	229	219	187	236	248	245	245	245	243	247	245	217	152	160	170	188	206	219	240	186	228	246	245	233	222	213	213	220

TEMPERATURE PROFILE FOR
A105
08/01/1994 - 10/18/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 13.750000 inches as of: 10/01/94

DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
08/31/94	Riser 15	E	MANUAL	150																																
	Riser 18	E	MANUAL	155																																
	Riser 17	E	MANUAL	152																																
	Riser 19	E	MANUAL	151																																
	Riser 22	E	MANUAL	80																																
	Riser 9	E	MANUAL	150																																
	Riser 1	J	MANUAL	192	226	236	235	233	228	221	212	180	228	240	237	237	236	235	239	237	209	147	155	164	182	200	212	232	180	221	238	238	228	215	207	207	213
09/07/94	Riser 15	E	MANUAL	147																																
	Riser 18	E	MANUAL	152																																
	Riser 17	E	MANUAL	149																																
	Riser 19	E	MANUAL	150																																
	Riser 22	E	MANUAL	76																																
	Riser 9	E	MANUAL	149																																
	Riser 1	J	MANUAL	199	234	243	243	241	235	228	219	180	235	247	244	244	244	242	248	244	216	152	160	170	188	206	219	239	185	227	246	245	233	221	213	213	220
09/14/94	Riser 15	E	MANUAL	144																																
	Riser 18	E	MANUAL	147																																
	Riser 17	E	MANUAL	145																																
	Riser 19	E	MANUAL	148																																
	Riser 22	E	MANUAL	62*																																
	Riser 9	E	MANUAL	144																																
	Riser 1	J	MANUAL	197		242	241	240	234	227	218	186	235	247	244	244	244	242	248	244	216	153	161	170	188	206	218	239	186	227	245	244	232	220	212	212	219
09/21/94	Riser 15	E	MANUAL	147																																
	Riser 18	E	MANUAL	153																																
	Riser 17	E	MANUAL	150																																
	Riser 19	E	MANUAL	149																																
	Riser 22	E	MANUAL	77*																																
	Riser 9	E	MANUAL	148																																
	Riser 1	J	MANUAL	196	230	239	239	237	231	224	215	184	232	244	241	241	241	240	244	242	214	150	158	169	186	204	216	237	185	225	243	242	231	219	210	211	217

TEMPERATURE PROFILE FOR
A105
08/01/1994 - 10/18/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 13.750000 inches as of: 10/01/94

DATE	RISER	SOURCE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
09/28/94	Riser 15	E	MANUAL 148																																	
	Riser 16	E	MANUAL 152																																	
	Riser 17	E	MANUAL 149																																	
	Riser 19	E	MANUAL 149																																	
	Riser 22	E	MANUAL 74																																	
	Riser 9	E	MANUAL 148																																	
	Riser 1	J	MANUAL 195	229	239	238	237	231	224	214	182	231	243	240	240	240	239	243	241	213	150	158	167	185	202	215	227	182	224	242	241	229	218	210	210	216
10/05/94	Riser 15	E	MANUAL 144																																	
	Riser 16	E	MANUAL 150																																	
	Riser 17	E	MANUAL 147																																	
	Riser 19	E	MANUAL 147																																	
	Riser 22	E	MANUAL 61*																																	
	Riser 9	E	MANUAL 145																																	
	Riser 1	J	MANUAL 192	226	236	236	234	228	222	213	180	228	241	238	238	238	236	241	238	211	149	157	185	182	201	213	234	180	222	238	239	227	216	208	208	215
10/12/94	Riser 15	E	MANUAL 139																																	
	Riser 16	E	MANUAL 144																																	
	Riser 17	E	MANUAL 142																																	
	Riser 19	E	MANUAL 142																																	
	Riser 22	E	MANUAL 49*																																	
	Riser 9	E	MANUAL 141																																	
	Riser 1	J	MANUAL 198	231	241	241	239	233	226	217	185	233	245	243	243	243	241	245	243	215	152	160	170	188	205	218	236	245	244	244	244	232	220	212	212	219

34.68"

58.68"

TEMPERATURE PROFILE FOR
A106
01/01/1993 - 10/19/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 46.500000 inches as of: 07/11/94

46.7"

Feet	0.89	2.89	4.89	6.89	8.89	10.89	12.89	14.89	16.89	18.89	20.89	22.89	24.89'	26.89'	28.89	30.89	34.81	38.89

DATE	RISER	SOURCE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
01/02/93	Historical	MANUAL	68*	138	118	106	105	105	105	105	105	105	104	105	104	105	104	105	104	102
06/30/93	Historical	MANUAL		116*	104*	104*	104*	103*	103*	103*	103*	103*	103*	103*	103*	103*	103*	103*	103*	101*
07/02/93	Historical	MANUAL	137	118	106	106	106	106	106	109	105	105	105	105	105	105	105	105	105	103
01/24/94	Historical	MANUAL	27	46	58	58	58	59	58	58	58	58	58	54	58	59	58	59	59	61
02/04/94	Historical	MANUAL	135	115	103	103	103	103	103	103	103	102	102	107	102	102	102	102	102	99
07/17/94	Riser 14 J	MANUAL	136	119	108	107	107	107	107	107	107	107	107	107	107	107	107	107	107	105
10/05/94	Riser 14 J	MANUAL	135	118	108	108	108	108	108	107	107	107	107	107	107	107	107	107		

Height TBD

Estimated height

TEMPERATURE PROFILE FOR
AX101
08/01/1994 - 10/18/1994

4 TANKS

TEMPERATURES - °FAHRENHEIT

Surface Level: 274.000000 inches as of: 10/04/94

	TC Height (inches from bottom)		40	64	88	112	136	160	184	208	232	256	280	304	328	352	376	424	472
DATE	RISER	SOURCE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
08/03/94	Riser 9B J	MANUAL	134	133	133	133	133	133	132	129	126	121	113	104	93	92	92	92		
08/10/94	Riser 9B J	MANUAL	72*	72*	72*	72*	72*	72*	72*	71*	71*	71*	71*	71*	71*	70*	70*	70*		
08/17/94	Riser 9B J	MANUAL	133	133	133	133	133	133	132	129	126	121	114	105	93	93	93	93	93	92
08/24/94	Riser 9B J	MANUAL	138	137	137	137	137	137	136	134	130	125	118	108	97	96	96	96	96	96
08/31/94	Riser 9B J	MANUAL	133	132	132	132	132	133	131	129	125	121	114	105	93	93	93			
09/07/94	Riser 9B J	MANUAL	138	137	137	137	137	137	136	134	130	125	118	109	97	96	96	96	80	80
09/14/94	Riser 9B J	MANUAL	135	134	134	135	135	135	134	131	128	123	116	107	95	95	94	94	94	94
09/21/94	Riser 9B J	MANUAL	135	134	134	134	135	135	133	131	128	123	116	107	95	95	94	94	94	94
09/28/94	Riser 9B J	MANUAL	135	134	134	134	135	135	134	131	128	123	116	107	95	95	95	94	94	94
10/05/94	Riser 9B J	MANUAL	133	132	132	132	133	133	132	129	126	122	115	105	94	93	93	93		
10/12/94	Riser 9B J	MANUAL	134	134	134	134	134	134	133	131	127	123	116	106	94	94	93	93	93	93

TEMPERATURE PROFILE FOR
AX102
08/01/1994 - 10/18/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 9.250000 inches as of: 10/01/94

TC Height (inches from bottom)				3	37	61	85	109	133	157	181	205	229	253	277	301	325	349	373
DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
08/03/94	Riser 9C	J	MANUAL	75	75														
08/10/94	Riser 9C	J	MANUAL	70	70	70	70	70	70	70	70	70	69	66	69	69	69	69	69
08/17/94	Riser 9C	J	MANUAL	76	76														
08/24/94	Riser 9C	J	MANUAL	79	79														80
08/31/94	Riser 9C	J	MANUAL	76	76														
09/07/94	Riser 9C	J	MANUAL	79	79														
09/14/94	Riser 9C	J	MANUAL	78	78														79
09/21/94	Riser 9C	J	MANUAL	78	78														79
09/28/94	Riser 9C	J	MANUAL	68	78														79
10/05/94	Riser 9C	J	MANUAL	77	77														78

TEMPERATUI ROFILE FOR
AX103
08/01/1994 - 10/18/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 41.000000 inches as of: 10/04/94

	TC Height (inches from bottom)			2	26	50	74	98	365
DATE	RISER		SOURCE	1	2	3	4	5	6
08/03/94	Riser 13C	J	MANUAL	111	99	93	93	93	92
08/10/94	Riser 13C	J	MANUAL	113	102	96	95	94	93
08/17/94	Riser 13C	J	MANUAL	112	101	94	94	93	92
08/24/94	Riser 13C	J	MANUAL	117	105	98	97	96	95
08/31/94	Riser 13C	J	MANUAL	112	101	94	93	93	92
09/07/94	Riser 13C	J	MANUAL	116	103	97	96	96	96
09/14/94	Riser 13C	J	MANUAL	115	103	96	94	95	94
09/21/94	Riser 13C	J	MANUAL	115	103	96	95	95	94
09/28/94	Riser 13C	J	MANUAL	113	101	94	94	93	93
10/05/94	Riser 13C	J	MANUAL	113	102	95	94	93	92
10/12/94	Riser 13C	J	MANUAL	116	104	97	96	96	95

TEMPERATURE PROFILE FOR
AX104
01/01/1993 - 10/19/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 4.000000 inches as of: 10/01/94

13" 37" 373"

DATE	RISER	SOURCE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
01/02/93	Historical	MANUAL	96	95	95	94	94	94	95	94	94	95	94	94	94	94	94	94	94	94
06/30/93	Historical	MANUAL	95	93	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92
07/02/93	Historical	MANUAL	97	95	95	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94
01/02/94	Historical	MANUAL	92	90	90	90	90	90	90	90	90	90	90	89	90	90	90	89	89	89
07/01/94	Riser 9C J	MANUAL	95	93	92	92	92	92	92	92	92	92	92	92	92	92	92	92		
07/17/94	Riser 9C J	MANUAL	97	95	95	95	94	94	94	94	94	94	94	94	94	94	94	94	94	94
10/05/94	Riser 9C J	MANUAL	98	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95		

TEMPERATUR .OFILE FOR
B101
01/01/1993 - 10/19/1994

16 TANKS

Surface Level: 35.500000 inches as of: 10/04/94

TEMPERATURES - °FAHRENHEIT

			16"	40"	64"								304"
Elevation for T/C (Feet)			1.33	3.33	5.33	7.33	9.33	11.33	13.33	15.33	17.33	21.33	25.33
DATE	RISER	SOURCE	1	2	3	4	5	6	7	8	9	10	11
01/03/93	Historical	MANUAL	109	104	91	90		90	90	90	90	90	90
07/01/93	Historical	MANUAL	107	104	92	92	92	92	92	91	91	91	91
01/02/94	Historical	MANUAL	109	104	91	90	91	89	89	90	90	89	89
07/01/94	Riser 9 J	MANUAL	107	104	93	92	92	92	92	92	92	92	92

TEMPERATURE PROFILE FOR
B102
01/01/1993 - 10/19/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 7.200000 inches as of: 10/16/94

32" 56 296"

Feet 2.64 4.64 6.64 8.64 10.64 12.64 14.64 16.64 18.64 20.64 22.64 24.64

DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10	11	12
01/03/93	Historical		MANUAL		62	62	62	65	61	62	62	62	61	58	61
07/01/93	Historical		MANUAL		62	62	62	78	62	62	62	62	62	65	63
01/02/94	Historical		MANUAL	62	62	62	63		63	63	63	63	62	59	63
07/01/94	Riser 4	J	MANUAL		65	64	64	80	64	64	64	64	64	68	64

TEMPERATURE PROFILE FOR B103
08/01/1994 - 10/19/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 17.400000 inches as of: 10/04/94

	TC Height (inches from bottom)			32	56	80	104	128	152	176	200	224	248	272	296
DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10	11	12
08/03/94	Riser 4	J	MANUAL	61	102*	62	62	62	63	62	63	63	63	64	64
08/10/94	Riser 4	J	MANUAL	66*	67*	67*	67*	67*	67*	67*	67*	67*	67*	67*	68*
08/17/94	Riser 4	J	MANUAL	65	66	66	66	65	66	66	66	66	66	67	68
08/23/94	Riser 4	J	MANUAL	64	65	66	66	65	65	65	65	65	65	66	67
08/31/94	Riser 4	J	MANUAL	64	65	65	65	65	65	65	65	65	65	65	66
09/07/94	Riser 4	J	MANUAL	63	64	64	64	64	64	64	64	64	65	65	65
09/14/94	Riser 4	J	MANUAL	66*	83*	85*	88*	90*	92*	93*	95*	96*	97*	98*	90*
09/16/94	Riser 4	J	MANUAL	66	67	67	68	68	68	68	68	68	68	68	68
09/21/94	Riser 4	J	MANUAL	65	66	66	66	67	67	66	67	67	67	67	68
09/28/94	Riser 4	J	MANUAL	65	66	66	66	66	66	66	67	67	67	67	67
10/05/94	Riser 4	J	MANUAL	65	66	66	66	66	66	66	67	67	67	67	67
10/12/94	Riser 4	J	MANUAL	68	69	69	69	69	68	69	69	69	69	69	69

TEMPERATURE PROFILE FOR
B104
01/01/1993 - 10/19/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 132.000000 inches as of: 10/01/94

127.68" 151.68" 272"

DATE	RISER		SOURCE	(FT) 2.64 1	4.64 2	6.64 3	8.84 4	10.64 5	12.64 6	14.64 7	16.64 8	18.64 9	20.64 10	22.64' 11
01/03/93	Historical		MANUAL	67	67	67	67	67	66	65	65	65	64	63
07/01/93	Historical		MANUAL	65	65	64	63	63	62	63	63	63	63	62
01/02/94	Historical		MANUAL	56	65	65	65	65	63	59	63	63	62	60
07/01/94	Riser 5	J	MANUAL	65	65	64	64	64	64	64	64	64	65	64

Estimated height T/C

TEMPERATUR\ .OFILE FOR
B105
01/01/1993 - 10/19/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 42.000000 inches as of: 10/01/94

DATE	RISER		ET SOURCE	31.68" 2.64 1	55.68 4.64 2	79.68 6.64 3	8.64 4	10.64 5	12.64 6	14.64 7	16.64 8	18.64 9	20.64 10	27.2" 22.64 11
01/03/93	Historical		MANUAL	67	66	63	61	61	61	61	61	61	61	61
07/01/93	Historical		MANUAL	66	65	63	63	62	62	62	62	63	62	63
01/02/94	Historical		MANUAL	63	65	63	61	61	61	61	61	61	60	61
07/01/94	Riser 15	J	MANUAL	68	65	64	64	64	64	64	64	64	64	64

T/C Height Estimated

TEMPERATURE PROFILE FOR
B106
01/01/1993 - 10/19/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 39.200000 inches as of: 10/17/94

32" - 56 80 104 128 152 296"

DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10	11	12
01/03/93	Historical		MANUAL			61	60	60	60	60	60	60	60	60	59
07/01/93	Historical		MANUAL			61	61	61	61	61	61	61	61	61	61
01/02/94	Historical		MANUAL	62	62	62	63		63	63	63	63	62	59	63
07/01/94	Riser 4	J	MANUAL			63	64	63	63	63	63	63	63	63	63

TEMPERATURE PROFILE FOR
B107
01/01/1993 - 10/19/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 55.000000 inches as of: 10/01/94

				32"	56	80	104							272"
DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10	11
01/03/93	Historical		MANUAL				62	62	62	62	62	62	62	59
07/01/93	Historical		MANUAL				61	61	61	61	61	61	61	62
01/02/94	Historical		MANUAL			60	59	60	60	60	60	60	57	57
07/01/94	Riser 3	J	MANUAL				62	62	62	62	61	63	63	63

Estimated T/C Height

TEMPERATURE PROFILE FOR
B108
01/01/1993 - 10/19/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 30.300000 inches as of: 10/04/94

32 56 80 104 272 296

DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10	11	12
01/03/93	Historical		MANUAL	62		60	60	60	60		60	60	60	60	60
07/01/93	Historical		MANUAL	61		61	61	61	61		61	61	61	61	61
01/02/94	Historical		MANUAL	63		62	62	62	62		61	62	62	62	62
07/01/94	Riser 5	J	MANUAL	118		63	63	63	63	63	63	63	63	63	63

2

TEMPERATURE PROFILE FOR
B109
01/01/1993 - 10/19/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 41.500000 inches as of: 10/01/94

				32"	56	80	104				200"	224"	248"	272"	296"
DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10	11	12
01/03/93	Historical		MANUAL	62	61	60	60	60	60	60	60	60	60	60	(59)
07/01/93	Historical		MANUAL	(60)	60	61	61	61	61	61	61	61	61	61	61
01/02/94	Historical		MANUAL	63	62	61	61	61	61	61	62	61	62	61	61
07/01/94	Riser 1	J	MANUAL	62	62	62	62	62	62	62	62	62	62	62	(62)

Estimated T/C Height

TEMPERATURE PROFILE FOR
B110
01/01/1993 - 10/19/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 85.750000 inches as of: 10/01/94

				32"	56"	80"	104"	128"	152"	176"	200"			272"
DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10	11
07/01/93	Historical		MANUAL					68	68	68	68	68 •	68	67
01/02/94	Historical		MANUAL					62	62	62	62	62	62	61
07/01/94	Riser 8	J	MANUAL					69	69	69	69	69	69	69
09/29/94	Riser 8	J	MANUAL				167*	72*	72*	72*	72*	72*	72*	73*
10/03/94	Riser 8	J	MANUAL					71	71	71	72	72	72	72

TEMPERATURE PROFILE FOR
B111
01/01/1993 - 10/19/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 84.400000 inches as of: 10/04/94

				32	56	80	104	128	152	176	200	224	248	272	296
DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10	11	12
07/01/93	Historical		MANUAL			72	85	85	85	85	85	85	85	85	85
07/01/94	Riser 8	J	MANUAL	73	73	73	73	73	73	72	73	72	72	73	73
09/29/94	Riser 8	J	MANUAL		70	70	70	71	70	70	70	70	70	70	

Estimated T/C Height

TEMPERATURE PROFILE FOR
B112
01/01/1993 - 10/19/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 7.700000 inches as of: 10/17/94

32 56 80 104 128 152 296

DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10	11	12
01/03/93	Historical		MANUAL	61		60		60	61	61	61	61	60	60	60
07/01/93	Historical		MANUAL	63		63		63	63	63	63	63	63	63	63
01/02/94	Historical		MANUAL	63		63		63	63	63	63	63	63	63	62
07/01/94	Riser 1	J	MANUAL	65		64		64	64	64	64	64	64	64	64

Estimated T/C Height

TEMPERATUR[illegible]OFILE FOR
B201
01/01/1993 - 10/19/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 152.000000 inches as of: 10/16/94

				32"				128"	152"	176"				272"
DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10	11
01/03/93	Historical		MANUAL	58			59	59	58	56	56	56	56	55
07/01/93	Historical		MANUAL	60	60	58		58	58	58	57	58	58	59
01/02/94	Historical		MANUAL	58	59	59	59	59	58	57	57	57	57	50
07/01/94	Riser 1	J	MANUAL	59	59	58		58	58	59	60	60	60	61

Estimated T/C Height

TEMPERATURE PROFILE FOR
B202
01/01/1993 - 10/19/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 145.750000 inches as of: 10/16/94

DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10	11	12
01/03/93	Historical		MANUAL	58	58	59	59	59	58	56	56	56	56	56	
07/01/93	Historical		MANUAL	61	60	60	59	59	58	58	58	58	59	59	
01/02/94	Historical		MANUAL	60	60	60	60	60	59	58	58	58	58	57	
01/30/94	Historical		MANUAL	59	59	59	59	58	57	55	55	55	55	55	
02/19/94	Historical		MANUAL	60	60	60	59	58	57	55	55	55	55	54	
02/21/94	Historical		MANUAL	60	60	60	59	58	56	55	55	55	55	54	
02/28/94	Historical		MANUAL	61	61	61	60	60	58	56	56	56	56	55	
03/14/94	Historical		MANUAL	61	61	61	60	59	57	55	55	55	55	54	
03/16/94	Historical		MANUAL	61	61	61	60	59	57	56	56	56	56	55	
03/25/94	Riser 1	J	MANUAL	59	59	59	58	57	55	54	54	54	54	54	
03/31/94	Riser 1	J	MANUAL	60	60	60	59	58	56	55	55	55	55	54	
04/13/94	Riser 1	J	MANUAL	61	61	60	59	58	57	56	56	56	56	55	
04/21/94	Riser 1	J	MANUAL	59	58	58	57	56	55	54	54	54	54	54	
04/23/94	Riser 1	J	MANUAL	59	59	58	58	57	56	55	55	55	56	56	
04/27/94	Riser 1	J	MANUAL	99*	60*	60*	60*	59*	58*	57*	56*	56*	56*	56*	56*
05/01/94	Riser 1	J	MANUAL	57	57	56	56	55	54	54	54	54	54	54	
05/07/94	Riser 1	J	MANUAL	57	56	56	55	55	54	54	54	54	55	55	
05/11/94	Riser 1	J	MANUAL	59	59	58	57	57	56	55	55	56	56	56	
05/20/94	Riser 1	J	MANUAL	58	58	57	57	56	56	56	56	56	56	57	
05/25/94	Riser 1	J	MANUAL	59	58	58	57	57	56	56	56	56	56	57	
06/01/94	Riser 1	J	MANUAL	58	58	58	57	57	57	57	57	57	57	58	
06/08/94	Riser 1	J	MANUAL	59	58	58	57	57	57	57	57	57	58	58	
06/15/94	Riser 1	J	MANUAL	58	58	58	57	57	57	57	57	57	58	59	
07/06/94	Riser 1	J	MANUAL	60	60	59	59	58	59	59	59	59	60	61	
07/07/94	Riser 1	J	MANUAL	59	59	59	58	58	59	60	61	61	62	63	
07/13/94	Riser 1	J	MANUAL	60	59	59	59	58	59	59	60	60	60	61	61
07/20/94	Riser 1	J	MANUAL	58	58	58	58	58	59	60	60	61	61	62	
07/27/94	Riser 1	J	MANUAL	59	59	59	58	58	59	60	61	61	62	63	

TEMPERATUR{ OFILE FOR
B202
01/01/1993 - 10/19/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 145.750000 inches as of: 10/16/94

				32"	56"	80"	104"	128"	152"	176"	200"	224"	248"	272"	296"
DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10	11	12
08/03/94	Riser 1	J	MANUAL	58	58	57	57	57	57	57	57	57	60	62	
08/10/94	Riser 1	J	MANUAL	64*	64*	63*	63*	63*	64*	65*	65*	66*	66*	68*	
08/17/94	Riser 1	J	MANUAL	59	59	59	59	60	61	63	63	64	64	66	
08/23/94	Riser 1	J	MANUAL	73*	73*	73*	74*	59	60	62	62	63	63	65	85
08/31/94	Riser 1	J	MANUAL	58	57	57	58	58	60	62	62	63	63	65	
09/07/94	Riser 1	J	MANUAL	57	56	56	57	58	60	61	62	62	63	65	
09/14/94	Riser 1	J	MANUAL	101*	101*	102*	102*	104*	106*	108*	108*	109*			
09/16/94	Riser 1	J	MANUAL	60	60	60	60	61	63	65	65	66	66	68	
09/21/94	Riser 1	J	MANUAL	59	59	59	59	60	62	64	64	64	65	66	
09/28/94	Riser 1	J	MANUAL	58	58	58	59	60	62	63	64	64	65	66	
10/05/94	Riser 1	J	MANUAL	59	59	59	60	60	62	64	64	64	65	66	
10/12/94	Riser 1	J	MANUAL	59	60	60	61	62	64	65	66	66	67	68	

Estimated T/C Height

TEMPERATURE PROFILE FOR
B203
01/01/1993 - 10/19/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 260.000000 inches as of: 10/16/94

DATE	RISER		SOURCE	32" 1	56" 2	80" 3	104" 4	128" 5	152" 6	176" 7	200" 8	224" 9	248" 10	272" 11
01/03/93	Historical		MANUAL	58	58	58	58	59	59	59	60	60	56	54
07/01/93	Historical		MANUAL	61	61	61	61	60	60	59	58	58	58	59
01/02/94	Historical		MANUAL	60	60	60	60	60	60	60	61	61	(52)	58
05/11/94	Riser 1	J	MANUAL	59	59	59	59	59	58	58	57	56	55	55
07/01/94	Riser 1	J	MANUAL	61	61	61	60	60	59	59	59	58	59	(61)

Estimated T/C Height

TEMPERATURE PROFILE FOR
B204
01/01/1993 - 10/19/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 256.000000 inches as of: 10/16/94

DATE	RISER		SOURCE	32" 1	56" 2	80" 3	104" 4	128" 5	152" 6	176" 7	200" 8	224" 9	248" 10	272" 11
01/03/93	Historical		MANUAL	58	58	58	59	59	59	60	60	60	(56)	(55)
07/01/93	Historical		MANUAL	61	61	61	61	60	60	59	58	58	58	59
01/02/94	Historical		MANUAL	60	60	60	60	60	60	61	61	61	57	56
07/01/94	Riser 1	J	MANUAL	61	61	61	61	60	60	59	59	58	60	(61)

TEMPERATURE PROFILE FOR
BX101
01/01/1993 - 10/19/1994

12 TANKS

TEMPERATURES - °FAHRENHEIT

Surface Level: 12.000000 inches as of: 10/16/94

DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10	11	12
06/12/93	Historical		MANUAL												61
08/05/93	Historical		MANUAL	64	64	64	64	64	63	63	63	63	63	63	
05/10/94	Riser 2	J	TMACS	67	67					67				67	
05/10/94	Riser 2	J	TMACS	66	66					66				66	
05/10/94	Riser 2	J	TMACS	66	66					66				66	
05/10/94	Riser 2	J	TMACS	67	67					67				67	
05/11/94	Riser 2	J	TMACS	67	67					67				67	
05/12/94	Riser 2	J	TMACS	67	67					67				67	
05/12/94	Riser 2	J	TMACS	67	67					67				67	
05/13/94	Riser 2	J	TMACS	67	67					67				67	
05/13/94	Riser 2	J	TMACS	67	67					67				68	
05/14/94	Riser 2	J	TMACS	67	67					67				68	
05/14/94	Riser 2	J	TMACS	67	67					67				67	
05/15/94	Riser 2	J	TMACS	67	67					67				67	
05/15/94	Riser 2	J	TMACS	67	67					67				67	
05/16/94	Riser 2	J	TMACS	67	67					67				67	
05/16/94	Riser 2	J	TMACS	68	67					68				68	
05/17/94	Riser 2	J	TMACS	68	67					68				68	
05/17/94	Riser 2	J	TMACS	67	67					67				67	
05/18/94	Riser 2	J	TMACS	67	67					67				67	
05/18/94	Riser 2	J	TMACS	68	67					67				68	
05/19/94	Riser 2	J	TMACS	68	67					67				68	
05/21/94	Riser 2	J	TMACS	68	67					68				68	
05/22/94	Riser 2	J	TMACS	68	68					68				68	
05/23/94	Riser 2	J	TMACS	68	68					68				68	
05/24/94	Riser 2	J	TMACS	68	68					68				68	
05/25/94	Riser 2	J	TMACS	68	68					68				68	
05/25/94	Riser 2	J	TMACS	68	67					68				68	

TEMPERATURE FILE FOR
BX101
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TEMPERATURES - °FAHRENHEIT

Surface Level: 12.000000 inches as of: 10/16/94

DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10	11	12
05/26/94	Riser 2	J	TMACS	68	67					68				68	
05/26/94	Riser 2	J	TMACS	68	68					68				68	
05/27/94	Riser 2	J	TMACS	68	68					68				68	
05/27/94	Riser 2	J	TMACS	68	68					68				68	
05/28/94	Riser 2	J	TMACS	68	68					68				68	
05/28/94	Riser 2	J	TMACS	68	68					68				68	
05/29/94	Riser 2	J	TMACS	68	68					68				68	
05/29/94	Riser 2	J	TMACS	68	68					68				68	
05/30/94	Riser 2	J	TMACS	68	68					68				68	
05/30/94	Riser 2	J	TMACS	68	68					68				68	
05/31/94	Riser 2	J	TMACS	68	68					68				68	
05/31/94	Riser 2	J	TMACS	68	68					68				68	
06/01/94	Riser 2	J	TMACS	68	68					68				68	
06/01/94	Riser 2	J	TMACS	68	68					68				69	
06/02/94	Riser 2	J	TMACS	68	68					68				69	
06/02/94	Riser 2	J	TMACS							68					
06/02/94	Riser 2	J	TMACS	68	68									68	
06/03/94	Riser 2	J	TMACS	68	68					68				68	
06/03/94	Riser 2	J	TMACS		68										
06/03/94	Riser 2	J	TMACS	68						68				68	
06/04/94	Riser 2	J	TMACS		68										
06/04/94	Riser 2	J	TMACS	68										68	
06/04/94	Riser 2	J	TMACS							68					
06/05/94	Riser 2	J	TMACS											69	
06/05/94	Riser 2	J	TMACS	68											
06/05/94	Riser 2	J	TMACS							68					
06/05/94	Riser 2	J	TMACS		68										
06/06/94	Riser 2	J	TMACS	68	68					68				69	

TEMPERATURE PROFILE FOR
BX101
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TEMPERATURES - °FAHRENHEIT

Surface Level: 12.000000 inches as of: 10/16/94

DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10	11	12
06/07/94	Riser 2	J	TMACS	68	68					68				69	
06/08/94	Riser 2	J	TMACS	68	68					68				68	
06/09/94	Riser 2	J	TMACS	68	68					68				69	
06/10/94	Riser 2	J	TMACS	68	69					68				69	
06/11/94	Riser 2	J	TMACS	68	69					69				69	
06/12/94	Riser 2	J	TMACS	68	68					69				68	
06/13/94	Riser 2	J	TMACS	68	69					68				69	
06/14/94	Riser 2	J	TMACS	69	69					69				69	
06/15/94	Riser 2	J	TMACS	69	69					69				69	
06/16/94	Riser 2	J	TMACS	69	68					69				69	
06/17/94	Riser 2	J	TMACS	69	69					69				69	
06/18/94	Riser 2	J	TMACS	69	69					69				69	
06/19/94	Riser 2	J	TMACS	69	68					69				69	
06/20/94	Riser 2	J	TMACS	69	69					69				69	
06/21/94	Riser 2	J	TMACS	68	69					69				69	
06/22/94	Riser 2	J	TMACS	68	68					68				69	
06/23/94	Riser 2	J	TMACS	69	69					69				69	
06/24/94	Riser 2	J	TMACS	69	69					69				69	
06/25/94	Riser 2	J	TMACS	69	69					69				69	
06/26/94	Riser 2	J	TMACS	69	69					69				70	
06/27/94	Riser 2	J	TMACS	69	69					69				69	
06/28/94	Riser 2	J	TMACS	69	69					69				69	
06/29/94	Riser 2	J	TMACS	69	69					69				69	
06/30/94	Riser 2	J	TMACS	69	69					69				69	
07/01/94	Riser 2	J	TMACS	69	69					69				70	
07/02/94	Riser 2	J	TMACS	70	69					69				70	
07/03/94	Riser 2	J	TMACS	69	69					70				70	
07/04/94	Riser 2	J	TMACS	69	69					70				70	

TEMPERATURE[illegible]FILE FOR
BX101
01/01/1993 - 10/19/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 12.000000 inches as of: 10/16/94

DATE	RISER	SOURCE	1	2	3	4	5	6	7	8	9	10	11	12
07/05/94	Riser 2 J	TMACS	69	69					69				70	
07/06/94	Riser 2 J	TMACS	70	69					70				70	
07/07/94	Riser 2 J	TMACS	70	70					70				70	
07/08/94	Riser 2 J	TMACS	69	70					69				70	
07/09/94	Riser 2 J	TMACS	69	69					70				70	
07/10/94	Riser 2 J	TMACS	69	69					69				70	
07/11/94	Riser 2 J	TMACS	70	69					70				70	
07/12/94	Riser 2 J	TMACS	70	69					70				70	
07/13/94	Riser 2 J	TMACS	70	70					70				70	
07/14/94	Riser 2 J	TMACS	70	70					70				70	
07/15/94	Riser 2 J	TMACS	70	70					70				70	
07/16/94	Riser 2 J	TMACS	70	70					70				70	
07/17/94	Riser 2 J	TMACS	70	70					70				70	
07/18/94	Riser 2 J	TMACS	70	70					70				70	
07/19/94	Riser 2 J	TMACS	70	70					71				71	
07/20/94	Riser 2 J	TMACS	70	70					70				71	
07/21/94	Riser 2 J	TMACS	70	70					70				71	
07/22/94	Riser 2 J	TMACS	70	70					70				70	
07/23/94	Riser 2 J	TMACS	70	70					71				71	
07/24/94	Riser 2 J	TMACS	70	70					70				71	
07/25/94	Riser 2 J	TMACS	70	70					71				71	
07/26/94.	Riser 2 J	TMACS	70	70					71				71	
07/27/94	Riser 2 J	TMACS	71	71					71				71	
07/28/94	Riser 2 J	TMACS	70	71					71				71	
07/29/94	Riser 2 J	TMACS	70	70					71				71	
07/30/94	Riser 2 J	TMACS	70	71					71				71	
07/31/94	Riser 2 J	TMACS	71	71					71				71	
08/01/94	Riser 2 J	TMACS	71	71					71				71	

TEMPERATURE PROFILE FOR
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TEMPERATURES - °FAHRENHEIT

Surface Level: 12.000000 inches as of: 10/16/94

DATE	RISER	SOURCE	1	2	3	4	5	6	7	8	9	10	11	12
08/02/94	Riser 2	J TMACS	71	71					71				71	
08/03/94	Riser 2	J TMACS	71	71					71				72	
08/04/94	Riser 2	J TMACS	71	71					72				72	
08/05/94	Riser 2	J TMACS	71	71					72				72	
08/06/94	Riser 2	J TMACS	71	72					72				72	
08/07/94	Riser 2	J TMACS	71	72					72				72	
08/08/94	Riser 2	J TMACS	72	72					72				73	
08/09/94	Riser 2	J TMACS	71	72					72				72	
08/10/94	Riser 2	J TMACS	72	72					72				73	
08/11/94	Riser 2	J TMACS	72	72					73				72	
08/12/94	Riser 2	J TMACS	72	72					72				72	
08/13/94	Riser 2	J TMACS	72	72					72				73	
08/14/94	Riser 2	J TMACS	72	72					72				73	
08/15/94	Riser 2	J TMACS	72	72					72				73	
08/16/94	Riser 2	J TMACS	72	72					73				73	
08/17/94	Riser 2	J TMACS	72	72					73				73	
08/19/94	Riser 2	J TMACS	72	72					73				73	
08/20/94	Riser 2	J TMACS	72	72					73				73	
08/21/94	Riser 2	J TMACS	72	73					73				73	
08/22/94	Riser 2	J TMACS	73	73					73				74	
08/23/94	Riser 2	J TMACS	73	73					73				73	
08/24/94.	Riser 2	J TMACS	73	73					73				73	
08/25/94	Riser 2	J TMACS	73	73					73				74	
08/26/94	Riser 2	J TMACS	73	73					73				74	
08/27/94	Riser 2	J TMACS	73	73					74				74	
08/28/94	Riser 2	J TMACS	73	73					73				74	
08/29/94	Riser 2	J TMACS	73	73					73				74	
08/30/94	Riser 2	J TMACS	73	73					74				73	

TEMPERATURE PROFILE FOR
BX101
01/01/1993 - 10/19/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 12.000000 inches as of: 10/16/94

DATE	RISER	SOURCE	1	2	3	4	5	6	7	8	9	10	11	12
08/31/94	Riser 2	J TMACS	73	73					73				74	
09/01/94	Riser 2	J TMACS	73	73					74				74	
09/02/94	Riser 2	J TMACS	73	73					73				74	
09/03/94	Riser 2	J TMACS	73	74					74				74	
09/04/94	Riser 2	J TMACS	73	74					74				74	
09/05/94	Riser 2	J TMACS	74	74					74				74	
09/06/94	Riser 2	J TMACS	74	74					74				74	
09/07/94	Riser 2	J TMACS	74	74					74				75	
09/08/94	Riser 2	J TMACS	73	74					74				74	
09/09/94	Riser 2	J TMACS	74	74					74				75	
09/10/94	Riser 2	J TMACS	74	74					74				75	
09/11/94	Riser 2	J TMACS	74	74					75				75	
09/12/94	Riser 2	J TMACS	74	74					75				75	
09/13/94	Riser 2	J TMACS	74	74					74				75	
09/14/94	Riser 2	J TMACS	74	74					74				75	
09/15/94	Riser 2	J TMACS	74	74					75				75	
09/16/94	Riser 2	J TMACS	74	74					74				75	
09/17/94	Riser 2	J TMACS	74	74					74				75	
09/18/94	Riser 2	J TMACS	74	74					74				75	
09/19/94	Riser 2	J TMACS	74	74					75				75	
09/20/94	Riser 2	J TMACS	74	74					74				75	
09/21/94	Riser 2	J TMACS	74	74					75				75	
09/22/94	Riser 2	J TMACS	75	74					75				75	
09/23/94	Riser 2	J TMACS	74	75					75				75	
09/24/94	Riser 2	J TMACS	74	75					75				75	
09/25/94	Riser 2	J TMACS	75	75					75				75	
09/26/94	Riser 2	J TMACS	75	74					75				75	
09/27/94	Riser 2	J TMACS	75	75					75				75	

TEMPERATURE PROFILE FOR
BX101
01/01/1993 - 10/19/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 12.000000 inches as of: 10/16/94

DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10	11	12
09/28/94	Riser 2	J	TMACS	75	75					75				75	
09/29/94	Riser 2	J	TMACS	74	74					75				75	
09/30/94	Riser 2	J	TMACS	75	75					75				76	
10/01/94	Riser 2	J	TMACS	75	75					75				75	
10/02/94	Riser 2	J	TMACS	75	75					75				76	
10/03/94	Riser 2	J	TMACS	75	75					75				75	
10/04/94	Riser 2	J	TMACS	75	75					75				75	
10/05/94	Riser 2	J	TMACS	75	75					75				75	
10/06/94	Riser 2	J	TMACS	75	75					75				75	
10/07/94	Riser 2	J	TMACS	75	75					75				75	
10/08/94	Riser 2	J	TMACS	75	75					75				76	
10/09/94	Riser 2	J	TMACS	75	75					75				76	
10/10/94	Riser 2	J	TMACS	75	75					75				75	
10/11/94	Riser 2	J	TMACS	75	75					75				75	
10/12/94	Riser 2	J	TMACS	75	75					76				76	
10/13/94	Riser 2	J	TMACS	75	75					75				76	
10/14/94	Riser 2	J	TMACS	75	75					75				76	
10/15/94	Riser 2	J	TMACS	75	75					75				76	
10/16/94	Riser 2	J	TMACS	75	75					75				76	
10/17/94	Riser 2	J	TMACS	75	75					75				76	
10/18/94	Riser 2	J	TMACS	75	75					75				76	
10/19/94	Riser 2	J	TMACS	75	75					76				76	

TEMPERATURE PROFILE FOR BX102
08/01/1994 - 10/19/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 27.250000 inches as of: 10/01/94

TC Height (inches from bottom)			24	48	72	96	120	144	168	192	216	240	264
DATE	RISER	SOURCE	1	2	3	4	5	6	7	8	9	10	11
08/01/94	Riser 8 J	TMACS	66	67	67				68				68
08/02/94	Riser 8 J	TMACS	67	67	68				68				69
08/03/94	Riser 8 J	TMACS	66	67	68				68				68
08/04/94	Riser 8 J	TMACS	67	68	68				68				68
08/05/94	Riser 8 J	TMACS	67	68	68				68				69
08/06/94	Riser 8 J	TMACS	67	67	68				68				69
08/07/94	Riser 8 J	TMACS	67	68	68				68				69
08/08/94	Riser 8 J	TMACS	67	68	68				68				69
08/09/94	Riser 8 J	TMACS	67	68	69				69				69
08/10/94	Riser 8 J	TMACS	67	68	68				69				69
08/11/94	Riser 8 J	TMACS	67	68	68				69				69
08/12/94	Riser 8 J	TMACS	67	68	69				68				70
08/13/94	Riser 8 J	TMACS	67	68	68				69				70
08/14/94	Riser 8 J	TMACS	67	68	69				69				70
08/15/94	Riser 8 J	TMACS	68	68	69				69				70
08/16/94	Riser 8 J	TMACS	68	69	69				69				70
08/17/94	Riser 8 J	TMACS	67	69	69				69				70
08/19/94	Riser 8 J	TMACS	68	69	69				69				71
08/20/94	Riser 8 J	TMACS	68	69	69				69				71
08/21/94	Riser 8 J	TMACS	68	69	69				69				71
08/22/94	Riser 8 J	TMACS	68	69	70				69				71
08/23/94	Riser 8 J	TMACS	68	69	69				69				71
08/24/94	Riser 8 J	TMACS	68	69	69				70				71
08/25/94	Riser 8 J	TMACS	68	69	69				70				71
08/26/94	Riser 8 J	TMACS	68	69	69				70				71
08/27/94	Riser 8 J	TMACS	69	70	70				70				71
08/28/94	Riser 8 J	TMACS	68	69	69				70				72
08/29/94	Riser 8 J	TMACS	68	69	70				70				71

TEMPERATURE PROFILE FOR
BX102
08/01/1994 - 10/19/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 27.250000 inches as of: 10/01/94

	TC Height (inches from bottom)			24	48	72	96	120	144	168	192	216	240	264
DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10	11
08/30/94	Riser 8	J	TMACS	68	69	70				70				72
08/31/94	Riser 8	J	TMACS	68	69	70				70				71
09/01/94	Riser 8	J	TMACS	69	69	70				70				72
09/02/94	Riser 8	J	TMACS	68	69	70				70				71
09/03/94	Riser 8	J	TMACS	69	70	70				70				72
09/04/94	Riser 8	J	TMACS	68	70	70				71				72
09/05/94	Riser 8	J	TMACS	69	70	70				71				72
09/06/94	Riser 8	J	TMACS	69	70	70				70				72
09/07/94	Riser 8	J	TMACS	69	70	71				71				72
09/08/94	Riser 8	J	TMACS	69	70	70				71				72
09/09/94	Riser 8	J	TMACS	69	70	71				71				73
09/10/94	Riser 8	J	TMACS	68	70	70				71				72
09/11/94	Riser 8	J	TMACS	69	70	71				71				73
09/12/94	Riser 8	J	TMACS	69	70	70				71				73
09/13/94	Riser 8	J	TMACS	69	70	70				71				72
09/14/94	Riser 8	J	TMACS	69	71	71				71				73
09/15/94	Riser 8	J	TMACS	69	70	71				71				73
09/16/94	Riser 8	J	TMACS	69	71	71				71				73
09/17/94	Riser 8	J	TMACS	69	70	71				71				73
09/18/94	Riser 8	J	TMACS	69	71	71				71				73
09/19/94	Riser 8	J	TMACS	69	71	71				71				73
09/20/94	Riser 8	J	TMACS	69	71	71				71				73
09/21/94	Riser 8	J	TMACS	69	71	71				71				73
09/22/94	Riser 8	J	TMACS	69	71	71				71				73
09/23/94	Riser 8	J	TMACS	69	71	71				71				73
09/24/94	Riser 8	J	TMACS	69	71	71				72				73
09/25/94	Riser 8	J	TMACS	69	71	71				71				73
09/26/94	Riser 8	J	TMACS	70	71	71				72				73

TEMPERATURE PROFILE FOR BX102
08/01/1994 - 10/19/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 27.250000 inches as of: 10/01/94

	TC Height (inches from bottom)			24	48	72	96	120	144	168	192	216	240	264
DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10	11
09/27/94	Riser 8	J	TMACS	69	71	71				71				73
09/28/94	Riser 8	J	TMACS	69	70	71				71				73
09/29/94	Riser 8	J	TMACS	69	71	71				71				73
09/30/94	Riser 8	J	TMACS	69	71	71				71				73
10/01/94	Riser 8	J	TMACS	70	70	71				71				73
10/02/94	Riser 8	J	TMACS	70	71	71				72				73
10/03/94	Riser 8	J	TMACS	69	71	71				72				74
10/04/94	Riser 8	J	TMACS	70	71	72				72				74
10/05/94	Riser 8	J	TMACS	70	71	72				72				74
10/06/94	Riser 8	J	TMACS	69	71	71				71				73
10/07/94	Riser 8	J	TMACS	69	71	71				71				73
10/08/94	Riser 8	J	TMACS	70	71	72				72				74
10/09/94	Riser 8	J	TMACS	70	71	71				71				73
10/10/94	Riser 8	J	TMACS	69	71	71				71				73
10/11/94	Riser 8	J	TMACS	70	71	71				72				73
10/12/94	Riser 8	J	TMACS	70	71	72				72				74
10/13/94	Riser 8	J	TMACS	70	71	71				72				74
10/14/94	Riser 8	J	TMACS	70	71	71				71				74
10/15/94	Riser 8	J	TMACS	70	71	72				72				73
10/16/94	Riser 8	J	TMACS	70	71	72				72				74
10/17/94	Riser 8	J	TMACS	70	71	71				72				73
10/18/94	Riser 8	J	TMACS	70	71	71				72				73
10/19/94	Riser 8	J	TMACS	70	71	71				72				74

TEMPERATURE PROFILE FOR
BX103
08/01/1994 - 10/19/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 20.500000 inches as of: 10/17/94

TC Height (inches from bottom)				24	48	72	96	120	144	168	192	216	240	264
DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10	11
08/01/94	Riser 1	J	TMACS	69	70	71				67				68
08/02/94	Riser 1	J	TMACS	70	71	71				68				68
08/03/94	Riser 1	J	TMACS	69	70	71				67				68
08/04/94	Riser 1	J	TMACS	70	71	72				67				68
08/05/94	Riser 1	J	TMACS	70	71	72				68				68
08/06/94	Riser 1	J	TMACS	70	71	72				68				69
08/07/94	Riser 1	J	TMACS	70	71	72				68				68
08/08/94	Riser 1	J	TMACS	70	71	72				68				69
08/09/94	Riser 1	J	TMACS	70	71	72				68				68
08/10/94	Riser 1	J	TMACS	70	71	72				68				69
08/11/94	Riser 1	J	TMACS	70	71	72				68				69
08/12/94	Riser 1	J	TMACS	70	71	72				68				69
08/13/94	Riser 1	J	TMACS	71	71	72				68				69
08/14/94	Riser 1	J	TMACS	70	71	72				68				69
08/15/94	Riser 1	J	TMACS	70	71	72				68				69
08/16/94	Riser 1	J	TMACS	71	71	73				68				69
08/17/94	Riser 1	J	TMACS	70	72	73				69				69
08/19/94	Riser 1	J	TMACS	71	72	73				69				69
08/20/94	Riser 1	J	TMACS	71	72	73				69				70
08/21/94	Riser 1	J	TMACS	71	72	73				69				70
08/22/94	Riser 1	J	TMACS	71	72	73				69				70
08/23/94	Riser 1	J	TMACS	71	72	73				69				70
08/24/94	Riser 1	J	TMACS	71	72	73				69				70
08/25/94	Riser 1	J	TMACS	71	72	73				69				70
08/26/94	Riser 1	J	TMACS	71	72	73				69				70
08/27/94	Riser 1	J	TMACS	71	73	74				69				70
08/28/94	Riser 1	J	TMACS	71	73	74				69				70
08/29/94	Riser 1	J	TMACS	71	73	73				69				71

TEMPERATURE PROFILE FOR BX103
08/01/1994 - 10/19/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 20.500000 inches as of: 10/17/94

TC Height (inches from bottom)				24	48	72	96	120	144	168	192	216	240	264
DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10	11
08/30/94	Riser 1	J	TMACS	72	73	73				69				70
08/31/94	Riser 1	J	TMACS	71	73	73				69				71
09/01/94	Riser 1	J	TMACS	72	73	74				69				71
09/02/94	Riser 1	J	TMACS	71	73	73				70				71
09/03/94	Riser 1	J	TMACS	72	72	74				69				71
09/04/94	Riser 1	J	TMACS	72	73	74				69				71
09/05/94	Riser 1	J	TMACS	72	73	74				70				71
09/06/94	Riser 1	J	TMACS	72	72	73				70				71
09/07/94	Riser 1	J	TMACS	72	73	74				70				71
09/08/94	Riser 1	J	TMACS	71	73	74				70				71
09/09/94	Riser 1	J	TMACS	72	73	74				70				71
09/10/94	Riser 1	J	TMACS	72	73	74				69				72
09/11/94	Riser 1	J	TMACS	72	73	74				70				72
09/12/94	Riser 1	J	TMACS	72	73	74				70				71
09/13/94	Riser 1	J	TMACS	72	73	74				70				71
09/14/94	Riser 1	J	TMACS	72	73	74				70				71
09/15/94	Riser 1	J	TMACS	72	73	74				70				72
09/16/94	Riser 1	J	TMACS	72	73	74				70				72
09/17/94	Riser 1	J	TMACS	72	73	74				70				71
09/18/94	Riser 1	J	TMACS	73	73	75				70				72
09/19/94	Riser 1	J	TMACS	72	73	74				70				72
09/20/94	Riser 1	J	TMACS	72	73	74				70				72
09/21/94	Riser 1	J	TMACS	72	73	74				70				71
09/22/94	Riser 1	J	TMACS	72	74	75				70				71
09/23/94	Riser 1	J	TMACS	73	74	75				71				72
09/24/94	Riser 1	J	TMACS	73	74	75				71				72
09/25/94	Riser 1	J	TMACS	73	74	75				71				72
09/26/94	Riser 1	J	TMACS	73	74	75				71				72

TEMPERATURE PROFILE FOR
BX103
08/01/1994 - 10/19/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 20.500000 inches as of: 10/17/94

TC Height (inches from bottom)				24	48	72	96	120	144	168	192	216	240	264
DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10	11
09/27/94	Riser 1	J	TMACS	72	74	75				70				72
09/28/94	Riser 1	J	TMACS	73	74	75				71				72
09/29/94	Riser 1	J	TMACS	73	73	75				70				72
09/30/94	Riser 1	J	TMACS	73	74	75				71				72
10/01/94	Riser 1	J	TMACS	73	74	75				70				72
10/02/94	Riser 1	J	TMACS	73	74	75				71				72
10/03/94	Riser 1	J	TMACS	73	74	75				71				72
10/04/94	Riser 1	J	TMACS	73	74	75				71				72
10/05/94	Riser 1	J	TMACS	73	74	75				71				72
10/06/94	Riser 1	J	TMACS	73	74	75				71				72
10/07/94	Riser 1	J	TMACS	73	74	75				71				72
10/08/94	Riser 1	J	TMACS	73	75	75				71				72
10/09/94	Riser 1	J	TMACS	73	74	75				71				72
10/10/94	Riser 1	J	TMACS	73	74	75				71				72
10/11/94	Riser 1	J	TMACS	73	74	75				71				72
10/12/94	Riser 1	J	TMACS	73	75	76				71				72
10/13/94	Riser 1	J	TMACS	73	74	75				71				73
10/14/94	Riser 1	J	TMACS	73	74	75				72				72
10/15/94	Riser 1	J	TMACS	73	75	75				71				72
10/16/94	Riser 1	J	TMACS	73	74	76				71				72
10/17/94	Riser 1	J	TMACS	73	75	76				71				73
10/18/94	Riser 1	J	TMACS	73	75	75				71				72
10/19/94	Riser 1	J	TMACS	73	74	75				71				73

TEMPERATURE PROFILE FOR BX105
08/01/1994 - 10/19/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 25.800000 inches as of: 10/04/94

TC Height (inches from bottom)				24	48	72	96	120	144	168	192	216	240	264
DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10	11
08/01/94	Riser 7	J	TMACS	67	67					69				70
08/02/94	Riser 7	J	TMACS	67	68					69				70
08/03/94	Riser 7	J	TMACS	67	67					69				70
08/04/94	Riser 7	J	TMACS	68	68					69				70
08/05/94	Riser 7	J	TMACS	67	69					70				71
08/06/94	Riser 7	J	TMACS	68	69					70				71
08/07/94	Riser 7	J	TMACS	68	68					70				71
08/08/94	Riser 7	J	TMACS	68	69					70				71
08/09/94	Riser 7	J	TMACS	68	69					70				71
08/10/94	Riser 7	J	TMACS	68	69					70				71
08/11/94	Riser 7	J	TMACS	68	69					71				71
08/12/94	Riser 7	J	TMACS	68	68					70				71
08/13/94	Riser 7	J	TMACS	68	69					71				71
08/14/94	Riser 7	J	TMACS	68	69					71				72
08/15/94	Riser 7	J	TMACS	68	70					71				72
08/16/94	Riser 7	J	TMACS	68	69					71				71
08/17/94	Riser 7	J	TMACS	68	70					71				72
08/19/94	Riser 7	J	TMACS	69	69					71				72
08/20/94	Riser 7	J	TMACS	69	70					71				72
08/21/94	Riser 7	J	TMACS	69	70					71				72
08/22/94	Riser 7	J	TMACS	68	70					71				72
08/23/94	Riser 7	J	TMACS	69	70					72				72
08/24/94	Riser 7	J	TMACS	69	69					71				73
08/25/94	Riser 7	J	TMACS	69	70					72				72
08/26/94	Riser 7	J	TMACS	69	71					72				73
08/27/94	Riser 7	J	TMACS	69	70					72				73
08/28/94	Riser 7	J	TMACS	69	70					71				72
08/29/94	Riser 7	J	TMACS	69	71					72				73

TEMPERATURE PROFILE FOR
BX105
08/01/1994 - 10/19/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 25.800000 inches as of: 10/04/94

	TC Height (inches from bottom)			24	48	72	96	120	144	168	192	216	240	264
DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10	11
08/30/94	Riser 7	J	TMACS	69	71					72				73
08/31/94	Riser 7	J	TMACS	69	71					72				73
09/01/94	Riser 7	J	TMACS	69	70					72				73
09/02/94	Riser 7	J	TMACS	69	71					72				73
09/03/94	Riser 7	J	TMACS	69	71					72				73
09/04/94	Riser 7	J	TMACS	69	71					73				73
09/05/94	Riser 7	J	TMACS	70	71					73				74
09/06/94	Riser 7	J	TMACS	69	70					72				73
09/07/94	Riser 7	J	TMACS	70	71					72				74
09/08/94	Riser 7	J	TMACS	70	71					72				73
09/09/94	Riser 7	J	TMACS	69	71					73				73
09/10/94	Riser 7	J	TMACS	70	72					72				73
09/11/94	Riser 7	J	TMACS	70	71					73				74
09/12/94	Riser 7	J	TMACS	70	71					72				73
09/13/94	Riser 7	J	TMACS	70	71					73				73
09/14/94	Riser 7	J	TMACS	70	71					72				74
09/15/94	Riser 7	J	TMACS	70	71					73				73
09/16/94	Riser 7	J	TMACS	70	71					73				73
09/17/94	Riser 7	J	TMACS	70	71					73				73
09/18/94	Riser 7	J	TMACS	70	71					73				74
09/19/94	Riser 7	J	TMACS	70	71					73				73
09/20/94	Riser 7	J	TMACS	70	70					72				73
09/21/94	Riser 7	J	TMACS	70	71					73				74
09/22/94	Riser 7	J	TMACS	70	71					73				73
09/23/94	Riser 7	J	TMACS	70	71					73				74
09/24/94	Riser 7	J	TMACS	70	71					73				74
09/25/94	Riser 7	J	TMACS	71	71					73				74
09/26/94	Riser 7	J	TMACS	70	71					73				74

TEMPERATUR[illegible]OFILE FOR
BX105
08/01/1994 - 10/19/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 25.800000 inches as of: 10/04/94

	TC Height (inches from bottom)			24	48	72	96	120	144	168	192	216	240	264
DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10	11
09/27/94	Riser 7	J	TMACS	70	71					73				74
09/28/94	Riser 7	J	TMACS	71	71					73				74
09/29/94	Riser 7	J	TMACS	70	71					73				73
09/30/94	Riser 7	J	TMACS	70	71					73				74
10/01/94	Riser 7	J	TMACS	71	72					73				74
10/02/94	Riser 7	J	TMACS	71	72					73				74
10/03/94	Riser 7	J	TMACS	71	71					73				74
10/04/94	Riser 7	J	TMACS	71	72					73				74
10/05/94	Riser 7	J	TMACS	71	72					73				74
10/06/94	Riser 7	J	TMACS	70	72					73				74
10/07/94	Riser 7	J	TMACS	71	72					73				75
10/08/94	Riser 7	J	TMACS	71	72					73				75
10/09/94	Riser 7	J	TMACS	71	72					73				74
10/10/94	Riser 7	J	TMACS	71	72					73				74
10/11/94	Riser 7	J	TMACS	71	72					73				75
10/12/94	Riser 7	J	TMACS	71	72					73				75
10/13/94	Riser 7	J	TMACS	71	73					74				74
10/14/94	Riser 7	J	TMACS	71	73					74				74
10/15/94	Riser 7	J	TMACS	71	72					74				74
10/16/94	Riser 7	J	TMACS	71	72					73				74
10/17/94	Riser 7	J	TMACS	71	72					74				75
10/18/94	Riser 7	J	TMACS	71	73					73				74
10/19/94	Riser 7	J	TMACS	71	72					74				74

TEMPERATURE PROFILE FOR
BX106
08/01/1994 - 10/19/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 12.220000 inches as of: 10/16/94

DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10	11
08/01/94	Riser 7	J	TMACS	67	66					67				67
	Riser 1	K	TMACS	66	67	66	67	67	68					
08/02/94	Riser 7	J	TMACS	67	67					67				67
	Riser 1	K	TMACS	67	67	67	68	68	68					
08/03/94	Riser 7	J	TMACS	66	66					67				67
	Riser 1	K	TMACS	67	67	67	67	68	68					
08/04/94	Riser 7	J	TMACS	67	67					68				68
	Riser 1	K	TMACS	66	67	67	68	68	68					
08/05/94	Riser 7	J	TMACS	67	67					68				68
	Riser 1	K	TMACS	67	67	68	68	69	69					
08/06/94	Riser 7	J	TMACS	67	68					68				68
	Riser 1	K	TMACS	67	67	67	68	68	69					
08/07/94	Riser 7	J	TMACS	67	68					68				68
	Riser 1	K	TMACS	67	67	67	67	68	68					
08/08/94	Riser 7	J	TMACS	68	68					68				68
	Riser 1	K	TMACS	67	67	67	68	68	69					
08/09/94	Riser 7	J	TMACS	68	68					68				68
	Riser 1	K	TMACS	67	67	68	68	68	69					
08/10/94	Riser 7	J	TMACS	68	68					68				68
	Riser 1	K	TMACS	68	68	68	68	69	69					
08/11/94	Riser 7	J	TMACS	67	68					68				68
	Riser 1	K	TMACS	68	68	68	68	69	69					
08/12/94	Riser 7	J	TMACS	67	68					68				68
	Riser 1	K	TMACS	67	67	68	68	68	69					
08/13/94	Riser 7	J	TMACS	68	68					68				68
	Riser 1	K	TMACS	68	68	68	68	69	69					
08/14/94	Riser 7	J	TMACS	68	68					68				69
	Riser 1	K	TMACS	68	68	68	68	69	69					

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BX106
08/01/1994 - 10/19/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 12.220000 inches as of: 10/16/94

DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10	11
08/15/94	Riser 7	J	TMACS	68	68					68				69
	Riser 1	K	TMACS	67	68	68	68	69	69					
08/16/94	Riser 7	J	TMACS	68	68					68				68
	Riser 1	K	TMACS	68	68	68	68	69	69					
08/17/94	Riser 7	J	TMACS	68	68					69				69
	Riser 1	K	TMACS	68	68	68	69	69	69					
08/19/94	Riser 7	J	TMACS	68	68					69				69
	Riser 1	K	TMACS	68	68	68	68	69	69					
08/20/94	Riser 7	J	TMACS	68	69					69				69
	Riser 1	K	TMACS	68	68	68	69	69	69					
08/21/94	Riser 7	J	TMACS	68	69					69				69
	Riser 1	K	TMACS	68	68	68	68	69	69					
08/22/94	Riser 7	J	TMACS	68	68					69				69
	Riser 1	K	TMACS	68	68	68	68	69	69					
08/23/94	Riser 7	J	TMACS	68	69					69				69
	Riser 1	K	TMACS	68	68	69	69	69	70					
08/24/94	Riser 7	J	TMACS	68	69					69				70
	Riser 1	K	TMACS	68	69	69	69	69	70					
08/25/94	Riser 7	J	TMACS	68	69					69				70
	Riser 1	K	TMACS	69	69	69	69	69	70					
08/26/94	Riser 7	J	TMACS	69	69					69				69
	Riser 1	K	TMACS	68	68	69	69	69	70					
08/27/94	Riser 7	J	TMACS	69	69					69				69
	Riser 1	K	TMACS	69	69	69	69	69	70					
08/28/94	Riser 7	J	TMACS	69	69					69				70
	Riser 1	K	TMACS	68	69	69	69	70	70					
08/29/94	Riser 7	J	TMACS	69	69					69				70
	Riser 1	K	TMACS	69	69	69	69	69	70					

TEMPERATURE PROFILE FOR
BX106
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TEMPERATURES - °FAHRENHEIT

Surface Level: 12.220000 inches as of: 10/16/94

DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10	11
08/30/94	Riser 7	J	TMACS	68	69					70				70
	Riser 1	K	TMACS	69	69	69	69	69	70					
08/31/94	Riser 7	J	TMACS	69	69					69				70
	Riser 1	K	TMACS	69	69	69	69	70	70					
09/01/94	Riser 7	J	TMACS	68	69					69				70
	Riser 1	K	TMACS	68	69	69	69	70	70					
09/02/94	Riser 7	J	TMACS	69	69					70				70
	Riser 1	K	TMACS	69	69	69	69	70	70					
09/03/94	Riser 7	J	TMACS	69	70					70				70
	Riser 1	K	TMACS	69	69	69	70	70	71					
09/04/94	Riser 7	J	TMACS	69	70					70				70
	Riser 1	K	TMACS	69	69	69	69	70	70					
09/05/94	Riser 7	J	TMACS	69	70					70				70
	Riser 1	K	TMACS	69	69	69	69	70	71					
09/06/94	Riser 7	J	TMACS	69	69					70				70
	Riser 1	K	TMACS	69	69	69	70	70	70					
09/07/94	Riser 7	J	TMACS	69	69					70				70
	Riser 1	K	TMACS	69	69	70	69	70	71					
09/08/94	Riser 7	J	TMACS	69	69					69				70
	Riser 1	K	TMACS	69	69	69	69	70	71					
09/09/94	Riser 7	J	TMACS	69	69					70				70
	Riser 1	K	TMACS	69	69	69	70	70	70					
09/10/94	Riser 7	J	TMACS	69	70					70				71
	Riser 1	K	TMACS	69	69	69	69	70	70					
09/11/94	Riser 7	J	TMACS	69	70					71				71
	Riser 1	K	TMACS	69	69	69	70	71	71					
09/12/94	Riser 7	J	TMACS	69	70					70				71
	Riser 1	K	TMACS	69	69	69	70	71	71					

TEMPERATUR .OFILE FOR
BX106
08/01/1994 - 10/19/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 12.220000 inches as of: 10/16/94

16 20 25 30 35 158 193 240 (Estimated T/C height 264)

DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10	11
09/13/94	Riser 7	J	TMACS	70	70					71				70
	Riser 1	K	TMACS	69	69	70	69	70	71					
09/14/94	Riser 7	J	TMACS	69	70					70				70
	Riser 1	K	TMACS	69	69	70	70	70	71					
09/15/94	Riser 7	J	TMACS	69	70					70				71
	Riser 1	K	TMACS	69	69	70	70	71	71					
09/16/94	Riser 7	J	TMACS	70	70					70				71
	Riser 1	K	TMACS	69	69	70	70	70	71					
09/17/94	Riser 7	J	TMACS	69	70					70				71
	Riser 1	K	TMACS	70	70	70	70	70	71					
09/18/94	Riser 7	J	TMACS	70	70					71				71
	Riser 1	K	TMACS	69	69	70	70	71	71					
09/19/94	Riser 7	J	TMACS	70	70					70				71
	Riser 1	K	TMACS	69	69	70	69	71	71					
09/20/94	Riser 7	J	TMACS	69	70					70				71
	Riser 1	K	TMACS	69	69	70	70	71	71					
09/21/94	Riser 7	J	TMACS	69	70					70				71
	Riser 1	K	TMACS	69	69	70	70	71	71					
09/22/94	Riser 7	J	TMACS	70	70					70				71
	Riser 1	K	TMACS	69	70	70	70	71	71					
09/23/94	Riser 7	J	TMACS	70	70					71				71
	Riser 1	K	TMACS	69	69	70	70	70	71					
09/24/94	Riser 7	J	TMACS	70	70					70				71
	Riser 1	K	TMACS	69	69	70	70	71	72					
09/25/94	Riser 7	J	TMACS	70	70					71				71
	Riser 1	K	TMACS	70	70	70	70	71	72					
09/26/94	Riser 7	J	TMACS	70	70					70				71
	Riser 1	K	TMACS	69	70	69	70	71	71					

TEMPERATURE PROFILE FOR
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08/01/1994 - 10/19/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 12.220000 inches as of: 10/16/94

DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10	11
09/27/94	Riser 7	J	TMACS	69	70					70				71
	Riser 1	K	TMACS	69	69	70	70	71	71					
09/28/94	Riser 7	J	TMACS	70	70					71				71
	Riser 1	K	TMACS	70	70	70	71	71	72					
09/29/94	Riser 7	J	TMACS	70	70					70				70
	Riser 1	K	TMACS	69	70	70	70	70	71					
09/30/94	Riser 7	J	TMACS	70	70					71				71
	Riser 1	K	TMACS	69	70	70	70	71	71					
10/01/94	Riser 7	J	TMACS	70	70					71				71
	Riser 1	K	TMACS	70	70	70	70	71	71					
10/02/94	Riser 7	J	TMACS	70	71					71				71
	Riser 1	K	TMACS	70	70	70	70	71	71					
10/03/94	Riser 7	J	TMACS	70	70					71				71
	Riser 1	K	TMACS	70	69	70	70	71	71					
10/04/94	Riser 7	J	TMACS	70	71					71				71
	Riser 1	K	TMACS	70	70	70	70	71	71					
10/05/94	Riser 7	J	TMACS	70	70					71				71
	Riser 1	K	TMACS	69	70	70	70	71	71					
10/06/94	Riser 7	J	TMACS	70	70					71				71
	Riser 1	K	TMACS	70	70	70	70	71	71					
10/07/94	Riser 7	J	TMACS	70	71					71				71
	Riser 1	K	TMACS	70	70	70	70	71	72					
10/08/94	Riser 7	J	TMACS	71	71					71				71
	Riser 1	K	TMACS	69	69	70	70	71	71					
10/09/94	Riser 7	J	TMACS	70	71					71				71
	Riser 1	K	TMACS	70	70	70	70	71	71					
10/10/94	Riser 7	J	TMACS	70	70					71				71
	Riser 1	K	TMACS	70	70	70	71	71	72					

TEMPERATURE PROFILE FOR
BX106
08/01/1994 - 10/19/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 12.220000 inches as of: 10/16/94

DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10	11
10/11/94	Riser 7	J	TMACS	70	71					71				71
	Riser 1	K	TMACS	70	70	70	70	71	72					
10/12/94	Riser 7	J	TMACS	70	71					71				71
	Riser 1	K	TMACS	70	70	70	70	71	72					
10/13/94	Riser 7	J	TMACS	71	71					71				72
	Riser 1	K	TMACS	70	70	71	71	72	72					
10/14/94	Riser 7	J	TMACS	70	71					71				72
	Riser 1	K	TMACS	70	70	71	70	71	72					
10/15/94	Riser 7	J	TMACS	70	71					71				71
	Riser 1	K	TMACS	69	69	70	70	71	71					
10/16/94	Riser 7	J	TMACS	70	71					71				71
	Riser 1	K	TMACS	70	70	70	70	71	71					
10/17/94	Riser 7	J	TMACS	70	71					71				72
	Riser 1	K	TMACS	70	70	70	70	71	71					
10/18/94	Riser 7	J	TMACS	70	71					71				71
	Riser 1	K	TMACS	70	70	71	71	71	72					
10/19/94	Riser 7	J	TMACS	71	71					71				71
	Riser 1	K	TMACS	70	69	70	71	71	71					

TEMPERATURE PROFILE FOR
BX107
08/01/1994 - 10/19/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 123.100000 inches as of: 10/17/94

	TC Height (inches from bottom)			24	48	72	96	120	144	168	192	216	240	264
DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10	11
08/01/94	Riser 4	J	TMACS	67	68	65	65	65	66	67				68
08/02/94	Riser 4	J	TMACS	67	68	64	64	65	66	67				68
08/03/94	Riser 4	J	TMACS	67	68	65	64	65	66	67				68
08/04/94	Riser 4	J	TMACS	68	68	65	64	66	66	67				69
08/05/94	Riser 4	J	TMACS	68	68	65	65	65	66	67				68
08/06/94	Riser 4	J	TMACS	67	68	65	65	65	67	68				68
08/07/94	Riser 4	J	TMACS	67	68	65	65	65	67	68				69
08/08/94	Riser 4	J	TMACS	67	68	65	65	66	67	68				69
08/09/94	Riser 4	J	TMACS	67	68	65	65	65	67	68				69
08/10/94	Riser 4	J	TMACS	68	69	64	64	65	67	68				69
08/11/94	Riser 4	J	TMACS	67	68	65	65	66	67	68				69
08/12/94	Riser 4	J	TMACS	67	68	65	65	65	67	68				69
08/13/94	Riser 4	J	TMACS	67	68	64	64	65	67	68				69
08/14/94	Riser 4	J	TMACS	67	68	65	65	66	67	69				69
08/15/94	Riser 4	J	TMACS	67	68	64	65	65	68	68				69
08/16/94	Riser 4	J	TMACS	67	68	65	65	65	67	69				69
08/17/94	Riser 4	J	TMACS	67	68	65	65	66	67	69				70
08/19/94	Riser 4	J	TMACS	67	68	65	65	66	68	69				70
08/20/94	Riser 4	J	TMACS	67	68	65	65	66	67	69				70
08/21/94	Riser 4	J	TMACS	68	68	65	65	66	68	69				70
08/22/94	Riser 4	J	TMACS	67	68	65	65	66	68	69				70
08/23/94	Riser 4	J	TMACS	67	68	65	65	66	68	69				69
08/24/94	Riser 4	J	TMACS	68	68	65	65	66	68	69				70
08/25/94	Riser 4	J	TMACS	68	68	65	65	66	68	69				70
08/26/94	Riser 4	J	TMACS	68	68	65	65	66	68	69				70
08/27/94	Riser 4	J	TMACS	68	68	65	66	67	68	70				70
08/28/94	Riser 4	J	TMACS	67	68	65	65	66	68	69				70
08/29/94	Riser 4	J	TMACS	67	68	65	65	66	68	69				70

TEMPERATURE PROFILE FOR
BX107
08/01/1994 - 10/19/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 123.100000 inches as of: 10/17/94

	TC Height (inches from bottom)			24	48	72	96	120	144	168	192	216	240	264
DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10	11
08/30/94	Riser 4	J	TMACS	67	68	65	65	66	68	69				70
08/31/94	Riser 4	J	TMACS	68	68	65	65	67	68	69				70
09/01/94	Riser 4	J	TMACS	67	68	65	65	67	69	70				70
09/02/94	Riser 4	J	TMACS	67	68	65	65	67	69	70				71
09/03/94	Riser 4	J	TMACS	68	68	65	65	66	68	70				71
09/04/94	Riser 4	J	TMACS	67	68	65	65	67	68	70				71
09/05/94	Riser 4	J	TMACS	67	68	65	66	67	69	70				71
09/06/94	Riser 4	J	TMACS	67	68	65	65	67	69	70				71
09/07/94	Riser 4	J	TMACS	67	68	65	66	67	69	70				71
09/08/94	Riser 4	J	TMACS	68	68	65	66	67	69	70				71
09/09/94	Riser 4	J	TMACS	67	68	65	66	67	69	70				71
09/10/94	Riser 4	J	TMACS	67	68	65	65	67	69	70				71
09/11/94	Riser 4	J	TMACS	67	68	65	66	67	69	70				71
09/12/94	Riser 4	J	TMACS	67	68	65	66	67	69	70				71
09/13/94	Riser 4	J	TMACS	67	68	65	66	67	69	70				71
09/14/94	Riser 4	J	TMACS	67	68	65	66	67	69	70				71
09/15/94	Riser 4	J	TMACS	67	68	65	66	67	69	71				71
09/16/94	Riser 4	J	TMACS	67	68	65	66	67	69	70				71
09/17/94	Riser 4	J	TMACS	67	68	65	66	67	69	71				71
09/18/94	Riser 4	J	TMACS	67	68	66	66	67	70	71				72
09/19/94	Riser 4	J	TMACS	67	68	65	66	68	70	71				72
09/20/94	Riser 4	J	TMACS	67	68	65	66	67	69	71				71
09/21/94	Riser 4	J	TMACS	67	69	65	66	67	69	71				72
09/22/94	Riser 4	J	TMACS	67	68	66	66	68	70	71				71
09/23/94	Riser 4	J	TMACS	67	68	65	66	67	70	71				72
09/24/94	Riser 4	J	TMACS	68	69	66	66	68	70	71				72
09/25/94	Riser 4	J	TMACS	67	69	66	66	68	70	71				72
09/26/94	Riser 4	J	TMACS	67	68	65	66	68	70	71				72

TEMPERATURE PROFILE FOR
BX107
08/01/1994 - 10/19/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 123.100000 inches as of: 10/17/94

	TC Height (inches from bottom)			24	48	72	96	120	144	168	192	216	240	264
DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10	11
09/27/94	Riser 4	J	TMACS	67	68	65	66	68	70	71				72
09/28/94	Riser 4	J	TMACS	67	69	66	66	68	70	71				72
09/29/94	Riser 4	J	TMACS	67	68	65	66	68	70	71				72
09/30/94	Riser 4	J	TMACS	68	68	66	66	68	70	71				72
10/01/94	Riser 4	J	TMACS	68	69	66	66	68	70	71				72
10/02/94	Riser 4	J	TMACS	67	68	66	66	68	70	71				72
10/03/94	Riser 4	J	TMACS	68	69	65	66	68	70	71				72
10/04/94	Riser 4	J	TMACS	67	68	65	66	68	70	71				72
10/05/94	Riser 4	J	TMACS	67	68	66	67	68	70	71				72
10/06/94	Riser 4	J	TMACS	68	69	66	66	68	70	71				72
10/07/94	Riser 4	J	TMACS	68	69	66	67	68	70	72				72
10/08/94	Riser 4	J	TMACS	68	68	65	66	68	70	71				72
10/09/94	Riser 4	J	TMACS	68	69	65	66	68	70	71				72
10/10/94	Riser 4	J	TMACS	68	69	66	66	68	70	71				72
10/11/94	Riser 4	J	TMACS	68	69	66	66	68	70	71				72
10/12/94	Riser 4	J	TMACS	68	69	66	67	69	71	71				73
10/13/94	Riser 4	J	TMACS	68	69	66	67	68	70	72				72
10/14/94	Riser 4	J	TMACS	68	69	66	67	68	70	71				72
10/15/94	Riser 4	J	TMACS	68	68	65	66	68	70	71				72
10/16/94	Riser 4	J	TMACS	68	69	66	67	68	70	71				72
10/17/94	Riser 4	J	TMACS	68	69	66	67	69	71	71				72
10/18/94	Riser 4	J	TMACS	67	68	66	66	68	70	71				72
10/19/94	Riser 4	J	TMACS	67	68	66	67	68	70	71				72

TEMPERATURE PROFILE FOR
BX108
08/01/1994 - 10/19/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 4.000000 inches as of: 10/01/94

	TC Height (inches from bottom)			24	48	72	96	120	144	168	192	216	240	264
DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10	11
08/01/94	Riser 5	J	TMACS	67						68				69
08/02/94	Riser 5	J	TMACS	67						68				69
08/03/94	Riser 5	J	TMACS	67						68				69
08/04/94	Riser 5	J	TMACS	68						69				69
08/05/94	Riser 5	J	TMACS	68						69				70
08/06/94	Riser 5	J	TMACS	68						69				70
08/07/94	Riser 5	J	TMACS	68						69				70
08/08/94	Riser 5	J	TMACS	68						69				70
08/09/94	Riser 5	J	TMACS	68						69				70
08/10/94	Riser 5	J	TMACS	68						69				70
08/11/94	Riser 5	J	TMACS	68						69				71
08/12/94	Riser 5	J	TMACS	68						69				70
08/13/94	Riser 5	J	TMACS	68						69				70
08/14/94	Riser 5	J	TMACS	68						69				71
08/15/94	Riser 5	J	TMACS	68						69				71
08/16/94	Riser 5	J	TMACS	68						70				71
08/17/94	Riser 5	J	TMACS	69						70				71
08/19/94	Riser 5	J	TMACS	69						70				71
08/20/94	Riser 5	J	TMACS	69						70				71
08/21/94	Riser 5	J	TMACS	69						70				71
08/22/94	Riser 5	J	TMACS	68						70				71
08/23/94	Riser 5	J	TMACS	69						70				71
08/24/94	Riser 5	J	TMACS	69						71				71
08/25/94	Riser 5	J	TMACS	69						71				71
08/26/94	Riser 5	J	TMACS	69						71				72
08/27/94	Riser 5	J	TMACS	69						71				72
08/28/94	Riser 5	J	TMACS	69						71				72
08/29/94	Riser 5	J	TMACS	69						71				72

TEMPERATURE PROFILE FOR
BX108
08/01/1994 - 10/19/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 4.000000 inches as of: 10/01/94

TC Height (inches from bottom)				24	48	72	96	120	144	168	192	216	240	264
DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10	11
08/30/94	Riser 5	J	TMACS	69						71				72
08/31/94	Riser 5	J	TMACS	69						71				72
09/01/94	Riser 5	J	TMACS	69						71				72
09/02/94	Riser 5	J	TMACS	69						71				72
09/03/94	Riser 5	J	TMACS	70						71				72
09/04/94	Riser 5	J	TMACS	70						71				72
09/05/94	Riser 5	J	TMACS	70						71				72
09/06/94	Riser 5	J	TMACS	70						71				72
09/07/94	Riser 5	J	TMACS	69						71				72
09/08/94	Riser 5	J	TMACS	69						71				72
09/09/94	Riser 5	J	TMACS	70						71				73
09/10/94	Riser 5	J	TMACS	70						71				72
09/11/94	Riser 5	J	TMACS	70						71				73
09/12/94	Riser 5	J	TMACS	70						71				72
09/13/94	Riser 5	J	TMACS	70						72				73
09/14/94	Riser 5	J	TMACS	70						71				73
09/15/94	Riser 5	J	TMACS	70						71				72
09/16/94	Riser 5	J	TMACS	71						72				73
09/17/94	Riser 5	J	TMACS	70						71				73
09/18/94	Riser 5	J	TMACS	70						72				73
09/19/94	Riser 5	J	TMACS	70						71				73
09/20/94	Riser 5	J	TMACS	70						71				72
09/21/94	Riser 5	J	TMACS	70						72				73
09/22/94	Riser 5	J	TMACS	70						72				73
09/23/94	Riser 5	J	TMACS	71						72				73
09/24/94	Riser 5	J	TMACS	71						72				73
09/25/94	Riser 5	J	TMACS	70						71				73
09/26/94	Riser 5	J	TMACS	71						71				73

TEMPERATURE ... FILE FOR
BX108
08/01/1994 - 10/19/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 4.000000 inches as of: 10/01/94

TC Height (inches from bottom)				24	48	72	96	120	144	168	192	216	240	264
DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10	11
09/27/94	Riser 5	J	TMACS	71						72				73
09/28/94	Riser 5	J	TMACS	71						72				73
09/29/94	Riser 5	J	TMACS	70						71				72
09/30/94	Riser 5	J	TMACS	71						72				73
10/01/94	Riser 5	J	TMACS	71						72				73
10/02/94	Riser 5	J	TMACS	71						72				73
10/03/94	Riser 5	J	TMACS	71						72				73
10/04/94	Riser 5	J	TMACS	71						72				73
10/05/94	Riser 5	J	TMACS	71						72				73
10/06/94	Riser 5	J	TMACS	71						72				73
10/07/94	Riser 5	J	TMACS	71						72				73
10/08/94	Riser 5	J	TMACS	71						72				73
10/09/94	Riser 5	J	TMACS	71						72				73
10/10/94	Riser 5	J	TMACS	71						72				73
10/11/94	Riser 5	J	TMACS	71						72				74
10/12/94	Riser 5	J	TMACS	71						72				74
10/13/94	Riser 5	J	TMACS	71						72				74
10/14/94	Riser 5	J	TMACS	71						72				74
10/15/94	Riser 5	J	TMACS	71						72				73
10/16/94	Riser 5	J	TMACS	71						72				73
10/17/94	Riser 5	J	TMACS	71						72				74
10/18/94	Riser 5	J	TMACS	71						72				73
10/19/94	Riser 5	J	TMACS	71						72				73

TEMPERATURE PROFILE FOR
BX109
08/01/1994 - 10/19/1994

Riser 5 14" 38" 62" 86" 158" 302

TEMPERATURES - °FAHRENHEIT

Surface Level: 65.400000 inches as of: 10/17/94

Riser 3 14" 38" 62" 86" 158" 302

DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10	11
08/01/94	Riser 3	J	TMACS	71	72		71			71				72
	Riser 5	J	TMACS	73	75	71	69			70				70
08/02/94	Riser 3	J	TMACS	71	71		71			71				72
	Riser 5	J	TMACS	73	75	70	69			70				70
08/03/94	Riser 3	J	TMACS	71	72		71			71				71
	Riser 5	J	TMACS	73	74	70	70			70				70
08/04/94	Riser 3	J	TMACS	71	71		71			71				72
	Riser 5	J	TMACS	73	74	71	70			70				70
08/05/94	Riser 3	J	TMACS	72	72		71			72				72
	Riser 5	J	TMACS	73	75	71	70			70				70
08/06/94	Riser 3	J	TMACS	72	72		72			72				72
	Riser 5	J	TMACS	74	75	71	71			71				71
08/07/94	Riser 3	J	TMACS	72	72		71			72				73
	Riser 5	J	TMACS	73	75	71	70			70				71
08/08/94	Riser 3	J	TMACS	72	73		72			72				73
	Riser 5	J	TMACS	74	75	71	71			71				71
08/09/94	Riser 3	J	TMACS	72	72		72			72				72
	Riser 5	J	TMACS	74	75	71	71			71				71
08/10/94	Riser 3	J	TMACS	72	72		71			72				73
	Riser 5	J	TMACS	74	75	71	71			71				71
08/11/94	Riser 3	J	TMACS	72	72		72			72				73
	Riser 5	J	TMACS	74	75	71	71			71				71
08/12/94	Riser 3	J	TMACS	71	72		71			71				72
	Riser 5	J	TMACS	73	74	71	71			71				71
08/13/94	Riser 3	J	TMACS	72	72		72			72				73
	Riser 5	J	TMACS	73	75	71	71			71				71
08/14/94	Riser 3	J	TMACS	72	72		72			72				73
	Riser 5	J	TMACS	73	75	71	70			71				71

TEMPERATURE . . .OFILE FOR BX109
08/01/1994 - 10/19/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 65.400000 inches as of: 10/17/94

DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10	11
08/15/94	Riser 3	J	TMACS	72	72		72			72				73
	Riser 5	J	TMACS	73	75	71	71			71				71
08/16/94	Riser 3	J	TMACS	72	72		72			72				73
	Riser 5	J	TMACS	74	75	71	71			71				71
08/17/94	Riser 3	J	TMACS	72	72		72			72				73
	Riser 5	J	TMACS	74	75	71	71			72				72
08/19/94	Riser 3	J	TMACS	72	73		73			73				74
	Riser 5	J	TMACS	74	75	71	71			71				72
08/20/94	Riser 3	J	TMACS	72	73		72			72				74
	Riser 5	J	TMACS	74	75	72	71			71				72
08/21/94	Riser 3	J	TMACS	73	73		73			73				74
	Riser 5	J	TMACS	74	75	72	71			72				72
08/22/94	Riser 3	J	TMACS	72	73		73			73				74
	Riser 5	J	TMACS	74	75	71	72			72				72
08/23/94	Riser 3	J	TMACS	72	73		73			73				74
	Riser 5	J	TMACS	73	75	72	71			72				73
08/24/94	Riser 3	J	TMACS	72	73		73			73				74
	Riser 5	J	TMACS	74	76	72	72			72				73
08/25/94	Riser 3	J	TMACS	72	73		73			73				74
	Riser 5	J	TMACS	74	75	72	72			72				73
08/26/94	Riser 3	J	TMACS	73	73		73			73				74
	Riser 5	J	TMACS	74	75	72	72			72				73
08/27/94	Riser 3	J	TMACS	72	73		73			73				74
	Riser 5	J	TMACS	74	76	72	72			72				73
08/28/94	Riser 3	J	TMACS	73	73		73			73				75
	Riser 5	J	TMACS	74	76	72	72			72				73
08/29/94	Riser 3	J	TMACS	72	73		73			73				74
	Riser 5	J	TMACS	74	75	72	72			72				73

TEMPERATURE PROFILE FOR
BX109
08/01/1994 - 10/19/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 65.400000 inches as of: 10/17/94

DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10	11
08/30/94	Riser 3	J	TMACS	73	73		73			74				74
	Riser 5	J	TMACS	74	75	72	72			72				73
08/31/94	Riser 3	J	TMACS	72	73		73			74				74
	Riser 5	J	TMACS	74	75	72	72			72				73
09/01/94	Riser 3	J	TMACS	72	73		73			73				75
	Riser 5	J	TMACS	74	76	72	72			72				73
09/02/94	Riser 3	J	TMACS	73	73		73			73				74
	Riser 5	J	TMACS	74	75	72	72			73				73
09/03/94	Riser 3	J	TMACS	73	74		73			74				75
	Riser 5	J	TMACS	74	76	73	72			73				74
09/04/94	Riser 3	J	TMACS	73	73		73			73				75
	Riser 5	J	TMACS	74	76	73	73			73				74
09/05/94	Riser 3	J	TMACS	73	74		73			74				75
	Riser 5	J	TMACS	74	76	73	72			73				74
09/06/94	Riser 3	J	TMACS	73	74		73			74				75
	Riser 5	J	TMACS	74	76	73	73			73				74
09/07/94	Riser 3	J	TMACS	73	74		73			74				75
	Riser 5	J	TMACS	74	76	73	72			73				74
09/08/94	Riser 3	J	TMACS	72	73		73			74				75
	Riser 5	J	TMACS	74	76	73	72			72				74
09/09/94	Riser 3	J	TMACS	73	74		74			74				75
	Riser 5	J	TMACS	74	76	73	73			73				74
09/10/94	Riser 3	J	TMACS	73	73		74			74				75
	Riser 5	J	TMACS	75	76	73	73			73				74
09/11/94	Riser 3	J	TMACS	73	73		74			74				75
	Riser 5	J	TMACS	75	76	73	73			73				74
09/12/94	Riser 3	J	TMACS	73	74		74			74				76
	Riser 5	J	TMACS	75	76	73	72			73				74

TEMPERATURE PROFILE FOR
BX109
08/01/1994 - 10/19/1994

Surface Level: 65.400000 inches as of: 10/17/94

TEMPERATURES - °FAHRENHEIT

DATE	RISER		SOURCE	Riser 5 14" 1	38" 2	62" 3	86" 4	5	6	158" 7	8	9	10	302" 11
				Riser 3 14"	38"	62"	86"			158"				302"
09/13/94	Riser 3	J	TMACS	73	74		74			74				75
	Riser 5	J	TMACS	75	76	73	73			73				74
09/14/94	Riser 3	J	TMACS	73	74		74			74				75
	Riser 5	J	TMACS	74	76	73	73			73				74
09/15/94	Riser 3	J	TMACS	73	74		74			74				75
	Riser 5	J	TMACS	74	76	73	73			73				75
09/16/94	Riser 3	J	TMACS	73	75		74			74				76
	Riser 5	J	TMACS	75	77	73	73			73				75
09/17/94	Riser 3	J	TMACS	73	74		74			74				75
	Riser 5	J	TMACS	74	76	73	73			73				74
09/18/94	Riser 3	J	TMACS	73	74		74			74				75
	Riser 5	J	TMACS	75	76	73	73			73				75
09/19/94	Riser 3	J	TMACS	73	74		74			74				75
	Riser 5	J	TMACS	75	76	73	72			73				74
09/20/94	Riser 3	J	TMACS	73	74		74			74				75
	Riser 5	J	TMACS	74	76	73	73			73				74
09/21/94	Riser 3	J	TMACS	73	74		74			74				76
	Riser 5	J	TMACS	75	76	73	73			73				74
09/22/94	Riser 3	J	TMACS	73	74		74			75				76
	Riser 5	J	TMACS	75	76	73	73			73				75
09/23/94	Riser 3	J	TMACS	73	74		74			75				76
	Riser 5	J	TMACS	75	76	73	73			74				75
09/24/94	Riser 3	J	TMACS	73	74		74			75				76
	Riser 5	J	TMACS	75	77	74	73			73				75
09/25/94	Riser 3	J	TMACS	73	74		75			75				76
	Riser 5	J	TMACS	75	76	73	73			73				75
09/26/94	Riser 3	J	TMACS	73	74		74			75				76
	Riser 5	J	TMACS	75	76	73	73			73				75

TEMPERATURE PROFILE FOR
BX109
08/01/1994 - 10/19/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 65.400000 inches as of: 10/17/94

DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10	11
09/27/94	Riser 3	J	TMACS	73	75		75			75				76
	Riser 5	J	TMACS	74	76	73	73			73				74
09/28/94	Riser 3	J	TMACS	73	75		74			75				76
	Riser 5	J	TMACS	75	77	73	73			74				75
09/29/94	Riser 3	J	TMACS	73	74		74			74				76
	Riser 5	J	TMACS	74	76	74	73			73				74
09/30/94	Riser 3	J	TMACS	73	75		75			75				76
	Riser 5	J	TMACS	75	77	73	73			74				75
10/01/94	Riser 3	J	TMACS	73	74		75			75				76
	Riser 5	J	TMACS	75	77	74	73			74				75
10/02/94	Riser 3	J	TMACS	73	75		75			75				76
	Riser 5	J	TMACS	75	77	74	73			74				75
10/03/94	Riser 3	J	TMACS	73	74		74			75				76
	Riser 5	J	TMACS	75	77	74	73			73				75
10/04/94	Riser 3	J	TMACS	74	75		75			75				76
	Riser 5	J	TMACS	75	77	74	73			73				75
10/05/94	Riser 3	J	TMACS	73	75		75			75				76
	Riser 5	J	TMACS	75	77	73	73			74				75
10/06/94	Riser 3	J	TMACS	73	74		(75)			75				76
	Riser 5	J	TMACS	75	77	74	74			74				75
10/07/94	Riser 3	J	TMACS	73	75		74			75				(76)
	Riser 5	J	TMACS	75	77	74	74			74				75
10/08/94	Riser 3	J	TMACS	73	75		75			75				76
	Riser 5	J	TMACS	75	77	74	73			74				75
10/09/94	Riser 3	J	TMACS	74	75		75			75				76
	Riser 5	J	TMACS	75	77	74	74			74				75
10/10/94	Riser 3	J	TMACS	73	75		75			75				75
	Riser 5	J	TMACS	75	77	74	74			74				75

TEMPERATUR .OFILE FOR
BX109
08/01/1994 - 10/19/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 65.400000 inches as of: 10/17/94

DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10	11
10/11/94	Riser 3	J	TMACS	74	75		75			75				76
	Riser 5	J	TMACS	75	77	74	74			73				75
10/12/94	Riser 3	J	TMACS	73	75		75			75				76
	Riser 5	J	TMACS	75	77	74	74			74				75
10/13/94	Riser 3	J	TMACS	74	75		75			75				76
	Riser 5	J	TMACS	75	77	74	74			74				75
10/14/94	Riser 3	J	TMACS	73	75		75			75				76
	Riser 5	J	TMACS	75	77	74	74			74				75
10/15/94	Riser 3	J	TMACS	73	75		74			75				76
	Riser 5	J	TMACS	75	77	74	73			74				75
10/16/94	Riser 3	J	TMACS	73	75		75			75				76
	Riser 5	J	TMACS	75	77	74	73			74				75
10/17/94	Riser 3	J	TMACS	74	75		75			75				76
	Riser 5	J	TMACS	76	77	74	74			74				75
10/18/94	Riser 3	J	TMACS	74	75		75			75				76
	Riser 5	J	TMACS	75	77	74	74			74				75
10/19/94	Riser 3	J	TMACS	73	75		75			75				76
	Riser 5	J	TMACS	75	77	74	73			74				75

TEMPERATURE PROFILE FOR
BX110
08/01/1994 - 10/19/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 67.000000 inches as of: 10/01/94

	TC Height (inches from bottom)			16	40	64	88	112	136	160	184	208	232	256
DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10	11
08/01/94	Riser 1	J	TMACS	64	64	65	66			66				66
08/02/94	Riser 1	J	TMACS	64	64	65	66			67				67
08/03/94	Riser 1	J	TMACS	64	64	64	66			66				67
08/04/94	Riser 1	J	TMACS	64	64	65	66			67				68
08/05/94	Riser 1	J	TMACS	64	64	66	67			67				68
08/06/94	Riser 1	J	TMACS	64	64	66	67			67				68
08/07/94	Riser 1	J	TMACS	64	64	66	66			67				67
08/08/94	Riser 1	J	TMACS	64	65	66	66			68				68
08/09/94	Riser 1	J	TMACS	65	65	66	67			67				68
08/10/94	Riser 1	J	TMACS	65	65	66	67			68				68
08/11/94	Riser 1	J	TMACS	64	64	66	67			68				68
08/12/94	Riser 1	J	TMACS	64	64	66	67			67				68
08/13/94	Riser 1	J	TMACS	64	64	66	67			68				68
08/14/94	Riser 1	J	TMACS	64	64	65	67			68				68
08/15/94	Riser 1	J	TMACS	64	64	66	67			68				69
08/16/94	Riser 1	J	TMACS	64	65	66	67			68				68
08/17/94	Riser 1	J	TMACS	65	65	66	68			68				68
08/19/94	Riser 1	J	TMACS	64	64	66	67			68				69
08/20/94	Riser 1	J	TMACS	64	64	66	68			68				69
08/21/94	Riser 1	J	TMACS	65	65	67	68			68				69
08/22/94	Riser 1	J	TMACS	65	65	66	68			69				69
08/23/94	Riser 1	J	TMACS	65	65	66	68			69				69
08/24/94	Riser 1	J	TMACS	65	65	67	68			69				69
08/25/94	Riser 1	J	TMACS	65	65	66	68			69				69
08/26/94	Riser 1	J	TMACS	65	65	67	68			69				70
08/27/94	Riser 1	J	TMACS	65	65	67	68			69				69
08/28/94	Riser 1	J	TMACS	64	65	66	68			69				69
08/29/94	Riser 1	J	TMACS	65	65	66	68			69				69

TEMPERATURE PROFILE FOR BX110
08/01/1994 - 10/19/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 67.000000 inches as of: 10/01/94

	TC Height (inches from bottom)			16	40	64	88	112	136	160	184	208	232	256
DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10	11
08/30/94	Riser 1	J	TMACS	65	65	67	68			69				69
08/31/94	Riser 1	J	TMACS	65	65	66	69			69				69
09/01/94	Riser 1	J	TMACS	65	66	67	68			69				69
09/02/94	Riser 1	J	TMACS	65	66	67	68			69				70
09/03/94	Riser 1	J	TMACS	65	66	67	69			69				70
09/04/94	Riser 1	J	TMACS	65	66	67	68			69				70
09/05/94	Riser 1	J	TMACS	65	66	67	69			70				70
09/06/94	Riser 1	J	TMACS	65	66	67	69			70				70
09/07/94	Riser 1	J	TMACS	65	66	67	69			69				70
09/08/94	Riser 1	J	TMACS	65	66	67	69			69				70
09/09/94	Riser 1	J	TMACS	65	66	67	69			70				70
09/10/94	Riser 1	J	TMACS	65	66	67	69			69				70
09/11/94	Riser 1	J	TMACS	65	66	67	69			70				70
09/12/94	Riser 1	J	TMACS	65	66	68	69			70				70
09/13/94	Riser 1	J	TMACS	66	66	67	69			70				70
09/14/94	Riser 1	J	TMACS	65	66	68	69			70				70
09/15/94	Riser 1	J	TMACS	65	66	68	69			70				71
09/16/94	Riser 1	J	TMACS	66	66	68	69			70				71
09/17/94	Riser 1	J	TMACS	65	66	68	69			69				71
09/18/94	Riser 1	J	TMACS	66	66	68	69			70				71
09/19/94	Riser 1	J	TMACS	65	66	68	69			70				71
09/20/94	Riser 1	J	TMACS	65	66	67	69			70				71
09/21/94	Riser 1	J	TMACS	66	66	67	69			70				71
09/22/94	Riser 1	J	TMACS	65	66	68	69			70				71
09/23/94	Riser 1	J	TMACS	66	66	68	70			70				71
09/24/94	Riser 1	J	TMACS	66	66	68	69			70				71
09/25/94	Riser 1	J	TMACS	65	66	68	69			70				71
09/26/94	Riser 1	J	TMACS	66	66	68	69			70				71

TEMPERATURE PROFILE FOR
BX110
08/01/1994 - 10/19/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 67.000000 inches as of: 10/01/94

TC Height (inches from bottom)				16	40	64	88	112	136	160	184	208	232	256
DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10	11
09/27/94	Riser 1	J	TMACS	66	67	68	69			70				70
09/28/94	Riser 1	J	TMACS	66	66	68	70			71				71
09/29/94	Riser 1	J	TMACS	65	67	68	69			70				70
09/30/94	Riser 1	J	TMACS	66	66	68	70			70				71
10/01/94	Riser 1	J	TMACS	66	67	68	70			71				71
10/02/94	Riser 1	J	TMACS	66	67	68	70			71				71
10/03/94	Riser 1	J	TMACS	66	67	68	70			71				72
10/04/94	Riser 1	J	TMACS	66	67	69	70			71				71
10/05/94	Riser 1	J	TMACS	66	67	68	70			70				71
10/06/94	Riser 1	J	TMACS	66	67	69	70			70				71
10/07/94	Riser 1	J	TMACS	66	67	69	70			71				71
10/08/94	Riser 1	J	TMACS	66	67	68	70			71				71
10/09/94	Riser 1	J	TMACS	66	67	69	70			71				72
10/10/94	Riser 1	J	TMACS	66	67	69	70			71				71
10/11/94	Riser 1	J	TMACS	66	67	68	70			71				72
10/12/94	Riser 1	J	TMACS	66	68	69	70			71				71
10/13/94	Riser 1	J	TMACS	67	67	69	70			71				71
10/14/94	Riser 1	J	TMACS	66	67	69	70			71				72
10/15/94	Riser 1	J	TMACS	66	68	69	70			71				72
10/16/94	Riser 1	J	TMACS	66	67	69	70			71				72
10/17/94	Riser 1	J	TMACS	66	68	69	70			71				72
10/18/94	Riser 1	J	TMACS	66	67	69	70			71				72
10/19/94	Riser 1	J	TMACS	66	68	69	70			71				71

TEMPERATURE FILE FOR
BX111
08/01/1994 - 10/19/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 64.250000 inches as of: 10/01/94

TC Height (inches from bottom)				14	38	62	86	110	134	158	182	206	230	254
DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10	11
08/01/94	Riser 1	J	TMACS	67	67	67	68	69			69			70
08/02/94	Riser 1	J	TMACS	67	68	68	69	69			69			70
08/03/94	Riser 1	J	TMACS	67	67	67	68	68			69			70
08/04/94	Riser 1	J	TMACS	68	67	68	69	69			69			70
08/05/94	Riser 1	J	TMACS	68	68	68	69	69			70			70
08/06/94	Riser 1	J	TMACS	67	68	68	69	69			69			70
08/07/94	Riser 1	J	TMACS	68	68	68	69	69			70			71
08/08/94	Riser 1	J	TMACS	68	69	69	69	70			70			71
08/09/94	Riser 1	J	TMACS	68	68	68	69	70			70			71
08/10/94	Riser 1	J	TMACS	68	68	68	69	70			70			71
08/11/94	Riser 1	J	TMACS	68	68	69	69	69			70			71
08/12/94	Riser 1	J	TMACS	67	68	68	69	69			70			70
08/13/94	Riser 1	J	TMACS	67	68	68	69	69			70			71
08/14/94	Riser 1	J	TMACS	68	68	68	69	70			70			71
08/15/94	Riser 1	J	TMACS	68	68	69	69	70			70			71
08/16/94	Riser 1	J	TMACS	68	68	69	69	70			70			71
08/17/94	Riser 1	J	TMACS	68	68	69	70	70			71			71
08/19/94	Riser 1	J	TMACS	68	68	69	70	70			71			71
08/20/94	Riser 1	J	TMACS	68	68	69	70	70			71			72
08/21/94	Riser 1	J	TMACS	68	68	69	70	71			71			72
08/22/94	Riser 1	J	TMACS	68	69	69	70	70			71			72
08/23/94	Riser 1	J	TMACS	68	69	69	70	71			71			72
08/24/94	Riser 1	J	TMACS	68	69	69	70	71			71			72
08/25/94	Riser 1	J	TMACS	68	68	69	70	71			71			72
08/26/94	Riser 1	J	TMACS	68	69	69	70	71			71			72
08/27/94	Riser 1	J	TMACS	68	69	69	70	71			72			72
08/28/94	Riser 1	J	TMACS	68	69	69	71	71			71			72
08/29/94	Riser 1	J	TMACS	68	69	69	70	71			71			72

TEMPERATURE PROFILE FOR BX111
08/01/1994 - 10/19/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 64.250000 inches as of: 10/01/94

	TC Height (inches from bottom)			14	38	62	86	110	134	158	182	206	230	254
DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10	11
08/30/94	Riser 1	J	TMACS	68	68	69	71	71			71			73
08/31/94	Riser 1	J	TMACS	68	69	69	70	71			71			72
09/01/94	Riser 1	J	TMACS	68	69	69	71	71			71			72
09/02/94	Riser 1	J	TMACS	68	69	70	71	71			71			73
09/03/94	Riser 1	J	TMACS	68	69	69	71	71			72			73
09/04/94	Riser 1	J	TMACS	69	69	70	71	72			72			73
09/05/94	Riser 1	J	TMACS	69	69	70	71	71			73			73
09/06/94	Riser 1	J	TMACS	69	69	70	71	71			72			73
09/07/94	Riser 1	J	TMACS	69	69	70	71	71			72			73
09/08/94	Riser 1	J	TMACS	68	69	70	71	71			72			73
09/09/94	Riser 1	J	TMACS	69	69	70	71	71			72			73
09/10/94	Riser 1	J	TMACS	68	69	70	71	72			72			73
09/11/94	Riser 1	J	TMACS	69	69	70	71	72			72			73
09/12/94	Riser 1	J	TMACS	68	69	70	71	71			72			73
09/13/94	Riser 1	J	TMACS	69	70	70	72	72			73			74
09/14/94	Riser 1	J	TMACS	68	69	70	72	72			73			73
09/15/94	Riser 1	J	TMACS	68	69	70	71	72			72			74
09/16/94	Riser 1	J	TMACS	69	70	70	72	72			73			73
09/17/94	Riser 1	J	TMACS	69	69	70	72	72			72			73
09/18/94	Riser 1	J	TMACS	68	69	70	71	72			73			73
09/19/94	Riser 1	J	TMACS	69	69	70	71	72			72			73
09/20/94	Riser 1	J	TMACS	69	69	70	71	72			73			73
09/21/94	Riser 1	J	TMACS	68	69	70	71	71			72			73
09/22/94	Riser 1	J	TMACS	69	69	71	71	72			73			73
09/23/94	Riser 1	J	TMACS	69	70	71	72	72			73			74
09/24/94	Riser 1	J	TMACS	69	69	71	72	72			73			74
09/25/94	Riser 1	J	TMACS	69	70	70	71	72			73			74
09/26/94	Riser 1	J	TMACS	69	69	71	72	72			73			74

TEMPERATURE PROFILE FOR BX111 08/01/1994 - 10/19/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 64.250000 inches as of: 10/01/94

	TC Height (inches from bottom)			14	38	62	86	110	134	158	182	206	230	254
DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10	11
09/27/94	Riser 1	J	TMACS	68	70	70	71	72			73			73
09/28/94	Riser 1	J	TMACS	69	70	71	72	72			73			73
09/29/94	Riser 1	J	TMACS	68	70	70	72	72			73			73
09/30/94	Riser 1	J	TMACS	69	70	71	72	72			73			74
10/01/94	Riser 1	J	TMACS	69	70	71	72	73			73			74
10/02/94	Riser 1	J	TMACS	69	70	71	72	73			73			74
10/03/94	Riser 1	J	TMACS	69	70	71	72	72			73			74
10/04/94	Riser 1	J	TMACS	69	70	71	72	72			73			74
10/05/94	Riser 1	J	TMACS	69	70	71	72	72			73			74
10/06/94	Riser 1	J	TMACS	69	70	71	72	72			73			74
10/07/94	Riser 1	J	TMACS	69	70	71	72	73			73			74
10/08/94	Riser 1	J	TMACS	69	70	71	72	72			73			74
10/09/94	Riser 1	J	TMACS	69	70	71	72	73			74			74
10/10/94	Riser 1	J	TMACS	69	70	71	72	72			73			74
10/11/94	Riser 1	J	TMACS	69	70	71	72	73			73			74
10/12/94	Riser 1	J	TMACS	69	70	71	72	73			73			75
10/13/94	Riser 1	J	TMACS	69	70	71	72	73			73			74
10/14/94	Riser 1	J	TMACS	70	71	71	73	73			73			74
10/15/94	Riser 1	J	TMACS	69	70	71	73	73			73			74
10/16/94	Riser 1	J	TMACS	69	70	71	72	73			73			74
10/17/94	Riser 1	J	TMACS	70	71	72	73	73			73			75
10/18/94	Riser 1	J	TMACS	69	70	71	72	73			73			74
10/19/94	Riser 1	J	TMACS	69	70	71	72	72			73			74

TEMPERATURE PROFILE FOR BX112
08/01/1994 - 10/19/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 54.500000 inches as of: 10/17/94

TC Height (inches from bottom)				24	48	72	96	120	144	168	192	216	240	264
DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10	11
08/01/94	Riser 1	J	TMACS	68	64	64	65			66				68
08/02/94	Riser 1	J	TMACS	68	64	65	66			65				66
08/03/94	Riser 1	J	TMACS	68	64	64	65			65				66
08/04/94	Riser 1	J	TMACS	68	64	65	65			66				66
08/05/94	Riser 1	J	TMACS	68	64	64	65			66				66
08/06/94	Riser 1	J	TMACS	68	64	65	66			66				66
08/07/94	Riser 1	J	TMACS	68	65	65	65			66				67
08/08/94	Riser 1	J	TMACS	68	65	65	66			67				68
08/09/94	Riser 1	J	TMACS	68	65	65	66			66				67
08/10/94	Riser 1	J	TMACS	68	65	65	66			66				67
08/11/94	Riser 1	J	TMACS	68	64	66	66			66				67
08/12/94	Riser 1	J	TMACS	68	64	65	66			66				67
08/13/94	Riser 1	J	TMACS	68	64	65	66			66				67
08/14/94	Riser 1	J	TMACS	68	64	65	66			67				68
08/15/94	Riser 1	J	TMACS	68	64	65	66			67				68
08/16/94	Riser 1	J	TMACS	68	65	66	66			67				68
08/17/94	Riser 1	J	TMACS	68	64	66	66			67				67
08/19/94	Riser 1	J	TMACS	68	65	66	67			67				68
08/20/94	Riser 1	J	TMACS	68	65	66	67			67				68
08/21/94	Riser 1	J	TMACS	68	65	66	67			67				68
08/22/94	Riser 1	J	TMACS	68	66	66	67			67				68
08/23/94	Riser 1	J	TMACS	68	65	66	67			67				68
08/24/94	Riser 1	J	TMACS	68	65	66	67			67				68
08/25/94	Riser 1	J	TMACS	68	65	66	67			67				68
08/26/94	Riser 1	J	TMACS	68	65	66	67			68				68
08/27/94	Riser 1	J	TMACS	68	65	66	67			68				68
08/28/94	Riser 1	J	TMACS	68	65	66	67			68				68
08/29/94	Riser 1	J	TMACS	68	65	66	67			68				68

TEMPERATURE PROFILE FOR BX112
08/01/1994 - 10/19/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 54.500000 inches as of: 10/17/94

	TC Height (inches from bottom)		24	48	72	96	120	144	168	192	216	240	264
DATE	RISER	SOURCE	1	2	3	4	5	6	7	8	9	10	11
08/30/94	Riser 1	J TMACS	68	65	67	68			68				69
08/31/94	Riser 1	J TMACS	68	65	66	68			68				69
09/01/94	Riser 1	J TMACS	68	65	66	67			68				68
09/02/94	Riser 1	J TMACS	68	66	66	68			68				69
09/03/94	Riser 1	J TMACS	68	66	67	67			68				69
09/04/94	Riser 1	J TMACS	69	66	66	68			68				69
09/05/94	Riser 1	J TMACS	69	66	67	68			68				69
09/06/94	Riser 1	J TMACS	69	66	67	68			68				69
09/07/94	Riser 1	J TMACS	69	66	67	68			68				69
09/08/94	Riser 1	J TMACS	69	65	67	68			68				69
09/09/94	Riser 1	J TMACS	68	66	67	68			68				69
09/10/94	Riser 1	J TMACS	68	66	67	68			68				69
09/11/94	Riser 1	J TMACS	69	66	67	68			69				69
09/12/94	Riser 1	J TMACS	69	66	67	68			68				69
09/13/94	Riser 1	J TMACS	69	66	67	69			69				69
09/14/94	Riser 1	J TMACS	69	66	67	68			69				69
09/15/94	Riser 1	J TMACS	69	66	67	68			69				69
09/16/94	Riser 1	J TMACS	69	66	67	68			68				69
09/17/94	Riser 1	J TMACS	69	66	67	68			69				69
09/18/94	Riser 1	J TMACS	69	66	67	68			69				69
09/19/94	Riser 1	J TMACS	69	65	67	68			68				69
09/20/94	Riser 1	J TMACS	69	66	67	68			69				69
09/21/94	Riser 1	J TMACS	69	66	67	68			69				69
09/22/94	Riser 1	J TMACS	69	66	67	69			69				70
09/23/94	Riser 1	J TMACS	69	66	67	68			69				70
09/24/94	Riser 1	J TMACS	69	66	68	69			69				70
09/25/94	Riser 1	J TMACS	69	66	68	68			69				70
09/26/94	Riser 1	J TMACS	69	66	67	69			69				70

TEMPERATURE PROFILE FOR
BX112
08/01/1994 - 10/19/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 54.500000 inches as of: 10/17/94

	TC Height (Inches from bottom)			24	48	72	96	120	144	168	192	216	240	264
DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10	11
09/27/94	Riser 1	J	TMACS	69	66	68	69			69				70
09/28/94	Riser 1	J	TMACS	69	66	68	69			69				70
09/29/94	Riser 1	J	TMACS	68	66	68	68			69				70
09/30/94	Riser 1	J	TMACS	69	67	68	69			69				70
10/01/94	Riser 1	J	TMACS	70	67	68	69			69				70
10/02/94	Riser 1	J	TMACS	69	66	68	69			69				70
10/03/94	Riser 1	J	TMACS	69	66	68	68			69				70
10/04/94	Riser 1	J	TMACS	69	67	68	69			69				70
10/05/94	Riser 1	J	TMACS	69	66	68	69			69				70
10/06/94	Riser 1	J	TMACS	69	67	68	69			69				70
10/07/94	Riser 1	J	TMACS	70	67	68	69			69				70
10/08/94	Riser 1	J	TMACS	69	66	68	69			69				70
10/09/94	Riser 1	J	TMACS	70	66	68	69			69				70
10/10/94	Riser 1	J	TMACS	70	67	68	69			69				70
10/11/94	Riser 1	J	TMACS	69	66	68	69			69				70
10/12/94	Riser 1	J	TMACS	70	67	68	69			69				70
10/13/94	Riser 1	J	TMACS	70	67	68	69			69				70
10/14/94	Riser 1	J	TMACS	70	66	68	69			69				70
10/15/94	Riser 1	J	TMACS	69	67	68	68			69				70
10/16/94	Riser 1	J	TMACS	69	67	68	69			69				70
10/17/94	Riser 1	J	TMACS	70	67	68	69			69				70
10/18/94	Riser 1	J	TMACS	70	67	68	69			69				70
10/19/94	Riser 1	J	TMACS	69	67	68	69			69				70

12 TANKS

TEMPERATURE PROFILE FOR BY101
08/01/1994 - 10/19/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 147.000000 inches as of: 09/16/94

TC Height (inches from bottom)				6	30	54	78	102	126	150	174	198	222	246	270	318	366
DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10	11	12	13	14
08/07/94	Riser 1	J	TMACS	73	73	72	72	72	71	71	73	69	69	69	70	70	71
08/20/94	Riser 1	J	TMACS	73	73	73	72	72	72	73	74	70	70	70	71	71	72
08/21/94	Riser 1	J	TMACS	73	73	73	72	72	72	73	74	71	70	71	71	71	72
08/22/94	Riser 1	J	TMACS	73	73	73	72	72	72	73	74	70	70	70	71	71	73
08/23/94	Riser 1	J	TMACS	73	73	72	72	72	73	73	74	70	70	71	71	72	72
08/24/94	Riser 1	J	TMACS	73	73	73	72	72	72	73	74	70	70	71	71	72	72
08/25/94	Riser 1	J	TMACS	73	73	73	72	72	72	73	74	70	70	71	71	72	72
08/26/94	Riser 1	J	TMACS	74	73	73	73	73	72	73	75	70	71	71	71	72	72
08/27/94	Riser 1	J	TMACS	73	73	73	72	73	73	73	75	70	71	71	71	72	73
08/28/94	Riser 1	J	TMACS	73	73	73	72	72	72	73	74	71	71	71	71	72	73
08/29/94	Riser 1	J	TMACS	73	73	73	73	72	72	74	74	71	71	71	71	71	73
08/30/94	Riser 1	J	TMACS	73	73	73	72	73	73	74	75	71	71	71	72	72	73
08/31/94	Riser 1	J	TMACS	73	73	73	73	72	73	73	75	71	71	71	71	72	73
09/01/94	Riser 1	J	TMACS	73	73	72	73	72	72	73	74	71	71	71	71	72	73
09/02/94	Riser 1	J	TMACS	73	73	73	72	72	73	73	75	71	71	71	72	72	73
09/03/94	Riser 1	J	TMACS	73	73	73	72	73	73	74	75	71	71	72	71	72	73
09/04/94	Riser 1	J	TMACS	74	73	73	73	73	73	74	75	71	71	72	72	72	73
09/05/94	Riser 1	J	TMACS	74	73	73	73	73	73	74	75	71	72	72	72	73	73
09/06/94	Riser 1	J	TMACS	74	73	73	72	73	73	74	75	71	71	72	72	72	73
09/07/94	Riser 1	J	TMACS	73	73	73	73	73	73	75	75	71	71	72	72	73	74
09/08/94	Riser 1	J	TMACS	73	73	73	73	73	73	74	75	71	71	71	72	73	73
09/09/94	Riser 1	J	TMACS	73	73	73	73	73	73	74	76	71	71	72	72	72	73
09/10/94	Riser 1	J	TMACS	73	73	73	73	73	73	74	76	72	71	72	72	73	74
09/11/94	Riser 1	J	TMACS	73	74	73	73	73	73	74	76	72	71	72	72	73	74
09/12/94	Riser 1	J	TMACS	73	73	73	73	73	73	74	75	72	71	72	72	73	73
09/13/94	Riser 1	J	TMACS	73	73	73	73	73	73	74	75	72	72	72	72	73	74
09/14/94	Riser 1	J	TMACS	73	73	73	73	73	73	74	75	72	72	72	73	73	73
09/15/94	Riser 1	J	TMACS	73	73	73	73	73	74	74	75	72	72	72	72	73	74

TEMPERATURE PROFILE FOR
BY101
08/01/1994 - 10/19/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 147.000000 inches as of: 09/16/94

TC Height (inches from bottom)				6	30	54	78	102	126	150	174	198	222	246	270	318	366
DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10	11	12	13	14
09/16/94	Riser 1	J	TMACS	73	74	73	73	73	74	75	76	72	72	72	73	73	74
09/17/94	Riser 1	J	TMACS	73	73	73	73	73	73	74	76	72	72	72	73	73	74
09/18/94	Riser 1	J	TMACS	73	73	73	73	73	74	75	76	72	71	72	72	73	74
09/19/94	Riser 1	J	TMACS	73	73	73	73	73	73	75	75	72	72	72	72	73	74
09/20/94	Riser 1	J	TMACS	73	73	72	72	73	73	74	76	71	72	72	72	73	73
09/21/94	Riser 1	J	TMACS	73	73	73	72	73	73	75	75	72	72	72	72	73	74
09/22/94	Riser 1	J	TMACS	73	74	73	73	73	74	75	76	72	72	73	73	73	74
09/23/94	Riser 1	J	TMACS	73	73	73	73	73	74	75	76	72	72	73	72	73	74
09/24/94	Riser 1	J	TMACS	73	73	73	73	73	74	75	76	72	72	73	73	73	74
09/25/94	Riser 1	J	TMACS	73	73	73	73	73	74	75	76	73	72	73	73	73	74
09/26/94	Riser 1	J	TMACS	73	73	73	73	73	74	75	76	72	72	72	73	73	74
09/27/94	Riser 1	J	TMACS	73	73	73	73	73	74	75	76	72	72	73	73	73	74
09/28/94	Riser 1	J	TMACS	73	74	73	73	73	74	75	76	72	72	73	73	74	75
09/29/94	Riser 1	J	TMACS	74	73	72	73	73	74	75	76	72	72	72	73	73	74
09/30/94	Riser 1	J	TMACS	73	73	73	73	73	74	75	76	72	72	72	73	73	74
10/01/94	Riser 1	J	TMACS	74	74	73	74	74	74	75	76	72	72	73	73	74	74
10/02/94	Riser 1	J	TMACS	73	74	73	73	74	74	75	77	72	72	73	73	74	75
10/03/94	Riser 1	J	TMACS	74	74	74	74	74	75	75	77	72	72	73	73	73	75
10/04/94	Riser 1	J	TMACS	73	73	73	73	74	74	75	77	73	73	73	73	74	75
10/05/94	Riser 1	J	TMACS	74	74	74	74	74	75	76	77	73	73	73	73	73	75
10/06/94	Riser 1	J	TMACS	74	74	73	74	74	74	75	76	73	73	73	73	74	75
10/07/94	Riser 1	J	TMACS	74	74	74	74	74	75	75	77	73	73	73	73	74	75
10/08/94	Riser 1	J	TMACS	74	74	73	73	74	75	76	77	73	73	73	73	74	75
10/09/94	Riser 1	J	TMACS	73	73	74	74	74	75	76	77	73	73	73	73	74	75
10/10/94	Riser 1	J	TMACS	74	73	73	73	74	74	75	77	73	73	73	73	74	75
10/11/94	Riser 1	J	TMACS	74	74	74	74	74	75	76	77	73	73	73	73	74	75
10/12/94	Riser 1	J	TMACS	74	74	73	73	74	75	75	77	73	73	73	73	74	75
10/13/94	Riser 1	J	TMACS	74	73	73	74	74	75	76	76	73	73	73	73	74	75

TEMPERATURE , FILE FOR
BY101
08/01/1994 - 10/19/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 147.000000 inches as of: 09/16/94

TC Height (inches from bottom)				6	30	54	78	102	126	150	174	198	222	246	270	318	366
DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10	11	12	13	14
10/14/94	Riser 1	J	TMACS	74	73	73	74	74	75	75	76	72	72	73	73	74	75
10/15/94	Riser 1	J	TMACS	74	74	74	74	74	75	75	77	72	73	73	73	73	75
10/16/94	Riser 1	J	TMACS	74	73	74	73	74	75	75	77	73	73	73	73	73	75
10/17/94	Riser 1	J	TMACS	74	74	74	74	75	75	76	77	73	72	73	73	74	75
10/18/94	Riser 1	J	TMACS	74	73	74	73	74	75	76	77	73	73	73	73	74	74
10/19/94	Riser 1	J	TMACS	73	73	73	74	74	75	75	76	72	72	73	73	74	74

NO T/C access BY102

TEMPERATURE PROFILE FOR BY103
08/01/1994 - 10/19/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 147.500000 inches as of: 10/01/94

	TC Height (inches from bottom)		4	28	52	76	100	124	148	172	196	222	244	268	316	364
DATE	RISER	SOURCE	1	2	3	4	5	6	7	8	9	10	11	12	13	14
08/01/94	Riser 1	J TMACS	79	79	79	78	78	77	75	76	72	72	73	73	74	75
08/02/94	Riser 1	J TMACS	79	79	79	79	78	77	76	76	72	72	72	73	74	75
08/03/94	Riser 1	J TMACS	79	79	79	78	78	76	76	76	72	72	73	73	73	74
08/04/94	Riser 1	J TMACS	80	79	79	78	78	77	76	76	73	72	72	73	74	75
08/05/94	Riser 1	J TMACS	80	80	79	79	78	77	76	76	73	72	73	73	74	75
08/06/94	Riser 1	J TMACS	80	80	79	79	78	77	76	76	73	73	73	73	74	75
08/07/94	Riser 1	J TMACS	80	80	79	79	78	77	76	77	73	73	73	74	74	75
08/08/94	Riser 1	J TMACS	80	80	79	79	78	77	77	77	73	73	73	74	75	75
08/09/94	Riser 1	J TMACS	80	80	79	79	78	77	76	77	73	73	73	73	75	75
08/10/94	Riser 1	J TMACS	79	80	80	79	78	78	77	77	73	73	74	74	75	75
08/11/94	Riser 1	J TMACS	80	80	80	79	78	77	77	78	73	73	74	74	75	75
08/12/94	Riser 1	J TMACS	79	79	79	79	78	77	76	77	73	73	73	74	74	75
08/13/94	Riser 1	J TMACS	79	79	79	79	78	77	76	77	73	73	73	74	74	75
08/14/94	Riser 1	J TMACS	79	80	79	79	78	78	77	77	73	73	73	74	75	76
08/15/94	Riser 1	J TMACS	80	79	79	78	78	77	77	77	73	73	74	74	75	75
08/16/94	Riser 1	J TMACS	80	80	79	79	78	78	77	77	74	73	73	74	75	75
08/17/94	Riser 1	J TMACS	79	79	80	79	78	77	77	77	74	73	74	75	75	76
08/19/94	Riser 1	J TMACS	80	80	80	79	78	77	77	78	73	73	74	74	75	76
08/20/94	Riser 1	J TMACS	79	80	79	79	78	78	77	77	74	74	74	75	75	76
08/21/94	Riser 1	J TMACS	80	80	80	79	78	78	77	78	74	74	74	75	75	76
08/22/94	Riser 1	J TMACS	79	79	79	79	78	77	77	77	74	74	74	75	75	76
08/23/94	Riser 1	J TMACS	80	80	79	79	78	78	77	78	74	74	74	75	75	76
08/24/94	Riser 1	J TMACS	80	80	80	79	79	78	78	78	74	74	75	75	76	77
08/25/94	Riser 1	J TMACS	80	79	79	79	78	78	78	78	75	74	75	75	76	77
08/26/94	Riser 1	J TMACS	79	80	79	79	78	78	78	78	74	74	75	75	76	77
08/27/94	Riser 1	J TMACS	80	80	79	79	78	78	78	78	75	74	75	75	76	77
08/28/94	Riser 1	J TMACS	80	80	80	79	78	78	77	78	75	75	75	75	76	77
08/29/94	Riser 1	J TMACS	80	79	80	79	78	78	78	78	74	75	75	75	76	77

TEMPERATURE PROFILE FOR BY103
08/01/1994 - 10/19/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 147.500000 inches as of: 10/01/94

	TC Height (inches from bottom)			4	28	52	76	100	124	148	172	196	222	244	268	316	364
DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10	11	12	13	14
08/30/94	Riser 1	J	TMACS	80	79	80	79	78	78	78	78	74	75	75	75	76	77
08/31/94	Riser 1	J	TMACS	79	80	80	79	79	78	78	78	75	74	75	75	76	77
09/01/94	Riser 1	J	TMACS	80	79	79	79	78	78	78	79	75	74	75	75	76	77
09/02/94	Riser 1	J	TMACS	80	80	79	79	79	78	78	78	75	75	75	75	76	77
09/03/94	Riser 1	J	TMACS	80	80	80	79	79	78	78	79	75	75	75	75	77	77
09/04/94	Riser 1	J	TMACS	80	80	80	79	79	79	78	79	75	75	75	76	77	78
09/05/94	Riser 1	J	TMACS	80	80	80	79	79	79	78	79	75	75	75	76	76	77
09/06/94	Riser 1	J	TMACS	80	80	79	79	79	78	78	79	75	75	75	75	76	77
09/07/94	Riser 1	J	TMACS	80	80	79	79	79	78	78	79	75	75	75	76	77	78
09/08/94	Riser 1	J	TMACS	80	80	80	79	79	79	78	79	75	75	75	75	76	77
09/09/94	Riser 1	J	TMACS	80	80	80	79	79	79	79	79	75	75	76	76	76	78
09/10/94	Riser 1	J	TMACS	80	80	80	79	79	79	78	79	75	75	75	76	76	77
09/11/94	Riser 1	J	TMACS	80	80	80	79	79	79	79	79	75	75	75	76	77	78
09/12/94	Riser 1	J	TMACS	79	80	80	79	78	78	78	79	75	75	76	76	77	77
09/13/94	Riser 1	J	TMACS	79	80	79	79	79	78	78	79	75	76	76	76	77	78
09/14/94	Riser 1	J	TMACS	80	80	80	79	79	79	79	79	75	75	75	76	77	78
09/15/94	Riser 1	J	TMACS	80	80	80	79	79	79	78	79	75	75	76	76	77	78
09/16/94	Riser 1	J	TMACS	79	79	80	79	79	79	79	79	76	76	76	76	77	78
09/17/94	Riser 1	J	TMACS	79	79	80	79	79	79	78	79	75	75	76	77	77	78
09/18/94	Riser 1	J	TMACS	80	79	79	80	79	79	79	79	75	76	76	76	77	78
09/19/94	Riser 1	J	TMACS	79	80	80	79	79	78	78	79	75	76	76	76	77	77
09/20/94	Riser 1	J	TMACS	79	80	79	79	79	78	78	79	75	75	75	76	77	77
09/21/94	Riser 1	J	TMACS	80	80	80	80	79	79	79	80	75	75	76	76	77	78
09/22/94	Riser 1	J	TMACS	80	80	80	80	79	79	79	80	76	76	76	76	77	78
09/23/94	Riser 1	J	TMACS	80	80	80	79	80	79	79	80	76	75	76	77	77	78
09/24/94	Riser 1	J	TMACS	79	80	80	80	79	79	79	80	75	76	76	76	77	78
09/25/94	Riser 1	J	TMACS	80	80	80	80	80	79	79	80	75	75	76	76	77	78
09/26/94	Riser 1	J	TMACS	80	80	79	79	79	79	79	80	76	76	76	76	77	78

TEMPERATURE PROFILE FOR BY103
08/01/1994 - 10/19/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 147.500000 inches as of: 10/01/94

TC Height (inches from bottom)				4	28	52	76	100	124	148	172	196	222	244	268	316	364
DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10	11	12	13	14
09/27/94	Riser 1	J	TMACS	80	79	80	79	80	79	79	80	76	76	76	76	77	78
09/28/94	Riser 1	J	TMACS	80	80	80	79	79	79	79	80	76	76	76	76	77	78
09/29/94	Riser 1	J	TMACS	79	79	79	79	79	79	78	79	75	76	76	77	77	78
09/30/94	Riser 1	J	TMACS	79	79	80	79	79	79	79	80	76	76	76	77	77	78
10/01/94	Riser 1	J	TMACS	80	80	80	80	80	79	79	80	76	76	76	77	78	78
10/02/94	Riser 1	J	TMACS	80	80	80	80	80	80	79	80	76	76	77	77	78	79
10/03/94	Riser 1	J	TMACS	80	80	80	80	80	79	79	80	76	76	76	77	78	78
10/04/94	Riser 1	J	TMACS	80	80	80	80	80	80	79	79	76	76	76	77	78	78
10/05/94	Riser 1	J	TMACS	80	80	80	80	79	80	79	80	76	76	76	77	78	79
10/06/94	Riser 1	J	TMACS	79	80	80	80	79	80	79	80	76	76	76	77	77	78
10/07/94	Riser 1	J	TMACS	80	80	80	80	80	80	79	80	76	76	76	77	78	78
10/08/94	Riser 1	J	TMACS	80	80	80	80	80	80	79	80	76	76	76	77	78	78
10/09/94	Riser 1	J	TMACS	80	80	80	80	80	80	79	80	76	76	77	77	78	79
10/10/94	Riser 1	J	TMACS	80	80	80	80	80	80	79	80	76	76	76	77	78	78
10/11/94	Riser 1	J	TMACS	80	80	80	80	80	80	80	80	76	76	77	77	77	78
10/12/94	Riser 1	J	TMACS	80	80	80	80	80	80	79	80	76	76	77	77	78	78
10/13/94	Riser 1	J	TMACS	80	80	80	80	80	80	80	80	76	76	76	77	78	78
10/14/94	Riser 1	J	TMACS	80	80	80	80	80	80	79	80	76	76	77	77	78	78
10/15/94	Riser 1	J	TMACS	80	80	80	80	80	80	80	80	76	76	76	77	77	78
10/16/94	Riser 1	J	TMACS	80	80	80	80	80	80	79	80	76	76	77	77	78	78
10/17/94	Riser 1	J	TMACS	80	80	80	80	80	80	80	80	76	76	77	77	78	79
10/18/94	Riser 1	J	TMACS	80	80	80	80	80	80	79	80	76	76	77	77	78	78
10/19/94	Riser 1	J	TMACS	80	80	80	80	80	79	79	80	76	76	77	77	78	78

TEMPERATURE PROFILE FOR
BY104
08/01/1994 - 10/19/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 128.500000 inches as of: 10/01/94

DATE	RISER		SOURCE	1	2	3	4	5	6
08/01/94	Riser 1	J	TMACS	124	125	122	116	110	81
	Riser 10B	K	TMACS	113	109	105	95	82	82
08/02/94	Riser 1	J	TMACS	124	125	122	116	111	81
	Riser 10B	K	TMACS	113	109	105	95	83	82
08/03/94	Riser 1	J	TMACS	124	125	122	116	110	81
	Riser 10B	K	TMACS	113	109	105	95	83	82
08/04/94	Riser 1	J	TMACS	124	125	122	116	111	81
	Riser 10B	K	TMACS	113	109	105	95	83	82
08/05/94	Riser 1	J	TMACS	124	125	122	116	111	82
	Riser 10B	K	TMACS	113	109	105	95	84	82
08/06/94	Riser 1	J	TMACS	124	125	122	117	111	82
	Riser 10B	K	TMACS	113	109	105	95	83	82
08/07/94	Riser 1	J	TMACS	124	125	122	117	111	82
	Riser 10B	K	TMACS	113	109	105	95	83	83
08/08/94	Riser 1	J	TMACS	124	125	122	117	111	82
	Riser 10B	K	TMACS	113	109	105	95	83	83
08/09/94	Riser 1	J	TMACS	124	125	122	116	111	82
	Riser 10B	K	TMACS	113	109	105	95	84	83
08/10/94	Riser 1	J	TMACS	124	125	122	116	111	82
	Riser 10B	K	TMACS	113	109	104	95	84	83
08/11/94	Riser 1	J	TMACS	124	125	122	117	111	82
	Riser 10B	K	TMACS	113	109	105	95	84	83
08/12/94	Riser 1	J	TMACS	124	125	122	116	111	82
	Riser 10B	K	TMACS	113	109	105	95	84	83
08/13/94	Riser 1	J	TMACS	124	125	122	116	111	82
	Riser 10B	K	TMACS	113	110	105	95	84	83
08/14/94	Riser 1	J	TMACS	124	125	122	116	111	82
	Riser 10B	K	TMACS	113	109	105	96	84	84

TEMPERATURE PROFILE FOR
BY104
08/01/1994 - 10/19/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 128.500000 inches as of: 10/01/94

DATE	RISER		SOURCE	1	2	3	4	5	6
08/15/94	Riser 1	J	TMACS	124	125	122	117	111	83
	Riser 10B	K	TMACS	113	109	105	95	84	84
08/16/94	Riser 1	J	TMACS	124	125	122	116	111	82
	Riser 10B	K	TMACS	113	109	104	95	84	82
08/17/94	Riser 1	J	TMACS	124	126	122	117	111	83
	Riser 10B	K	TMACS	113	109	105	95	84	83
08/19/94	Riser 1	J	TMACS	124	125	122	117	111	83
	Riser 10B	K	TMACS	113	110	105	95	84	84
08/20/94	Riser 1	J	TMACS	124	126	122	117	111	83
	Riser 10B	K	TMACS	113	110	105	96	84	84
08/21/94	Riser 1	J	TMACS	124	125	122	117	111	83
	Riser 10B	K	TMACS	113	109	105	96	84	84
08/22/94	Riser 1	J	TMACS	124	126	123	117	112	83
	Riser 10B	K	TMACS	113	109	105	95	84	84
08/23/94	Riser 1	J	TMACS	124	125	122	117	112	83
	Riser 10B	K	TMACS	113	109	105	95	84	84
08/24/94	Riser 1	J	TMACS	124	125	122	117	111	83
	Riser 10B	K	TMACS	113	109	105	96	84	84
08/25/94	Riser 1	J	TMACS	124	126	122	117	111	83
	Riser 10B	K	TMACS	113	110	105	96	84	84
08/26/94	Riser 1	J	TMACS	124	125	122	117	112	84
	Riser 10B	K	TMACS	113	110	105	96	84	84
08/27/94	Riser 1	J	TMACS	125	126	122	117	112	84
	Riser 10B	K	TMACS	113	109	105	96	85	84
08/28/94	Riser 1	J	TMACS	124	125	122	117	111	84
	Riser 10B	K	TMACS	113	110	105	96	84	84
08/29/94	Riser 1	J	TMACS	124	125	122	117	112	84
	Riser 10B	K	TMACS	113	109	105	96	85	84

TEMPERATURE . FILE FOR
BY104
08/01/1994 - 10/19/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 128.500000 inches as of: 10/01/94

DATE	RISER		SOURCE	1	2	3	4	5	6
08/30/94	Riser 1	J	TMACS	124	126	122	117	112	84
	Riser 10B	K	TMACS	113	110	105	96	84	84
08/31/94	Riser 1	J	TMACS	124	125	122	117	112	84
	Riser 10B	K	TMACS	113	109	105	96	85	85
09/01/94	Riser 1	J	TMACS	124	125	122	117	111	84
	Riser 10B	K	TMACS	113	110	105	97	86	84
09/02/94	Riser 1	J	TMACS	124	126	122	117	111	84
	Riser 10B	K	TMACS	113	110	105	96	84	84
09/03/94	Riser 1	J	TMACS	124	126	122	117	111	84
	Riser 10B	K	TMACS	113	110	105	96	85	85
09/04/94	Riser 1	J	TMACS	124	125	122	117	112	84
	Riser 10B	K	TMACS	113	109	105	96	85	84
09/05/94	Riser 1	J	TMACS	125	126	123	117	112	85
	Riser 10B	K	TMACS	113	109	105	96	85	84
09/06/94	Riser 1	J	TMACS	124	125	122	117	112	84
	Riser 10B	K	TMACS	113	109	105	96	85	84
09/07/94	Riser 1	J	TMACS	124	126	122	117	112	84
	Riser 10B	K	TMACS	113	110	105	97	85	85
09/08/94	Riser 1	J	TMACS	124	125	122	117	112	84
	Riser 10B	K	TMACS	114	110	106	97	86	85
09/09/94	Riser 1	J	TMACS	124	125	122	117	112	84
	Riser 10B	K	TMACS	113	110	105	96	85	84
09/10/94	Riser 1	J	TMACS	124	125	122	117	112	84
	Riser 10B	K	TMACS	113	110	105	97	86	85
09/11/94	Riser 1	J	TMACS	125	125	122	117	112	84
	Riser 10B	K	TMACS	112	109	105	96	85	85
09/12/94	Riser 1	J	TMACS	124	126	123	118	113	85
	Riser 10B	K	TMACS	113	110	105	96	85	85

TEMPERATURE PROFILE FOR
BY104
08/01/1994 - 10/19/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 128.500000 inches as of: 10/01/94

RISER 1 (FT) - - -
RISER 10B (FT)

DATE	RISER		SOURCE	1 (0.415")	2 (2.3 / 3.28 (78"))	3 (4.3 / 5.18 (52"))	4 (6.6 / 8.28 (88"))	5 (8.5 / 11.28 (124"))	6 (24.2 / 25.28 (292"))
09/13/94	Riser 1	J	TMACS	125	125	122	117	112	85
	Riser 10B	K	TMACS	113	110	106	97	86	85
09/14/94	Riser 1	J	TMACS	124	126	123	117	113	85
	Riser 10B	K	TMACS	113	109	105	96	85	85
09/15/94	Riser 1	J	TMACS	125	125	122	117	112	84
	Riser 10B	K	TMACS	113	110	105	97	86	85
09/16/94	Riser 1	J	TMACS	124	125	123	117	112	85
	Riser 10B	K	TMACS	113	109	105	97	86	85
09/17/94	Riser 1	J	TMACS	124	125	122	117	112	84
	Riser 10B	K	TMACS	113	110	106	97	86	85
09/18/94	Riser 1	J	TMACS	124	125	122	117	112	85
	Riser 10B	K	TMACS	113	110	105	97	86	86
09/19/94	Riser 1	J	TMACS	124	125	122	117	112	85
	Riser 10B	K	TMACS	113	110	106	97	86	85
09/20/94	Riser 1	J	TMACS	124	125	122	117	112 X	84
	Riser 10B	K	TMACS	113	110	106	97	(86)	86 —
09/21/94	Riser 1	J	TMACS	124	125	122	117	112 X	85
	Riser 10B	K	TMACS	113	110	106	97	86	85 —
09/22/94	Riser 1	J	TMACS	124	125	123	117	112 X	85
	Riser 10B	K	TMACS	113	109	105	97	86	85 —
09/23/94	Riser 1	J	TMACS	124	126	122	117	112 X	85
	Riser 10B	K	TMACS	113	110	106	97	86	85 —
09/24/94	Riser 1	J	TMACS	125	125	123	117	112 X	85
	Riser 10B	K	TMACS	113	110	106	97	86	86 —
09/25/94	Riser 1	J	TMACS	124	125	122	117	112 X	85
	Riser 10B	K	TMACS	113	110	106	98	86	86 —
09/26/94	Riser 1	J	TMACS	124	125	122	117	112 X	85
	Riser 10B	K	TMACS	113	110	106	97	86	86 —

TEMPERATURE , FILE FOR
BY104
08/01/1994 - 10/19/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 128.500000 inches as of: 10/01/94

DATE	RISER		SOURCE	1	2	3	4	5	6
09/27/94	Riser 1	J	TMACS	124	125	122	117	112	85
	Riser 10B	K	TMACS	113	110	106	97	86	86
09/28/94	Riser 1	J	TMACS	125	126	122	117	112	85
	Riser 10B	K	TMACS	113	110	106	97	86	86
09/29/94	Riser 1	J	TMACS	124	125	122	117	112	85
	Riser 10B	K	TMACS	113	109	105	97	86	85
09/30/94	Riser 1	J	TMACS	124	125	122	118	112	85
	Riser 10B	K	TMACS	113	110	106	98	86	86
10/01/94	Riser 1	J	TMACS	124	125	122	117	112	85
	Riser 10B	K	TMACS	113	110	106	97	86	85
10/02/94	Riser 1	J	TMACS	125	125	123	118	112	86
	Riser 10B	K	TMACS	113	110	106	97	86	86
10/03/94	Riser 1	J	TMACS	125	126	123	117	113	85
	Riser 10B	K	TMACS	113	109	105	97	86	86
10/04/94	Riser 1	J	TMACS	125	126	122	118	112	86
	Riser 10B	K	TMACS	113	110	105	98	86	86
10/05/94	Riser 1	J	TMACS	124	126	123	118	113	86
	Riser 10B	K	TMACS	112	109	105	97	86	85
10/06/94	Riser 1	J	TMACS	124	125	122	117	113	86
	Riser 10B	K	TMACS	113	110	106	98	86	86
10/07/94	Riser 1	J	TMACS	124	125	123	118	113	86
	Riser 10B	K	TMACS	113	110	106	98	86	86
10/08/94	Riser 1	J	TMACS	124	126	123	118	113	86
	Riser 10B	K	TMACS	112	110	105	97	86	85
10/09/94	Riser 1	J	TMACS	125	126	123	118	113	86
	Riser 10B	K	TMACS	113	110	105	98	86	86
10/10/94	Riser 1	J	TMACS	124	125	122	117	113	86
	Riser 10B	K	TMACS	113	110	106	98	86	86

TEMPERATURE PROFILE FOR
BY104
08/01/1994 - 10/19/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 128.500000 inches as of: 10/01/94

DATE	RISER		SOURCE	1	2	3	4	5	6
10/11/94	Riser 1	J	TMACS	125	126	123	118	113	86
	Riser 10B	K	TMACS	113	110	106	97	86	86
10/12/94	Riser 1	J	TMACS	125	125	123	118	113	86
	Riser 10B	K	TMACS	112	110	105	97	86	86
10/13/94	Riser 1	J	TMACS	125	126	123	118	113	86
	Riser 10B	K	TMACS	113	110	106	98	86	86
10/14/94	Riser 1	J	TMACS	125	126	123	118	113	86
	Riser 10B	K	TMACS	113	110	106	97	86	85
10/15/94	Riser 1	J	TMACS	125	126	122	118	113	86
	Riser 10B	K	TMACS	112	109	105	97	86	85
10/16/94	Riser 1	J	TMACS	125	126	123	118	113	86
	Riser 10B	K	TMACS	112	109	105	97	86	85
10/17/94	Riser 1	J	TMACS	125	126	123	118	113	86
	Riser 10B	K	TMACS	112	109	105	97	86	85
10/18/94	Riser 1	J	TMACS	124	126	123	118	113	85
	Riser 10B	K	TMACS	112	110	105	97	86	86
10/19/94	Riser 1	J	TMACS	124	125	122	118	113	86
	Riser 10B	K	TMACS	113	110	105	97	86	85

TEMPERATURE FILE FOR
BY105
08/01/1994 - 10/19/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 166.500000 inches as of: 10/01/94

DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10	11	12
08/01/94	Riser 10C	J	TMACS	113	109	106	102	98	84						
	Riser 1	J	TMACS	118	115	107	101	97	93	89	85	84			85
08/02/94	Riser 10C	J	TMACS	113	109	105	102	99	85						
	Riser 1	J	TMACS	119	115	108	101	97	93	89	85	84			85
08/03/94	Riser 10C	J	TMACS	113	110	106	102	99	85						
	Riser 1	J	TMACS	119	115	107	102	97	93	89	85	84			85
08/04/94	Riser 10C	J	TMACS	113	109	106	102	99	84						
	Riser 1	J	TMACS	119	115	107	102	97	93	89	85	84			85
08/05/94	Riser 10C	J	TMACS	113	109	106	103	99	85						
	Riser 1	J	TMACS	119	115	108	102	98	93	90	86	84			85
08/06/94	Riser 10C	J	TMACS	112	109	105	102	98	84						
	Riser 1	J	TMACS	118	115	107	102	98	93	90	86	85			86
08/07/94	Riser 10C	J	TMACS	112	110	105	102	98	85						
	Riser 1	J	TMACS	119	115	108	102	98	93	90	86	84			86
08/08/94	Riser 10C	J	TMACS	113	109	105	103	99	85						
	Riser 1	J	TMACS	119	115	108	102	98	94	90	86	85			86
08/09/94	Riser 10C	J	TMACS	113	109	105	103	99	85						
	Riser 1	J	TMACS	119	115	108	102	98	94	91	87	86			86
08/10/94	Riser 10C	J	TMACS	113	109	105	102	98	85						
	Riser 1	J	TMACS	119	114	108	102	98	93	90	86	85			86
08/11/94	Riser 10C	J	TMACS	113	109	105	103	99	86						
	Riser 1	J	TMACS	119	115	108	102	98	93	90	86	85			87
08/12/94	Riser 10C	J	TMACS	113	109	106	102	99	86						
	Riser 1	J	TMACS	119	114	107	101	97	93	90	86	84			85
08/13/94	Riser 10C	J	TMACS	113	109	106	103	99	86						
	Riser 1	J	TMACS	119	115	107	102	97	93	90	86	85			86
08/14/94	Riser 10C	J	TMACS	113	109	106	103	99	86						
	Riser 1	J	TMACS	119	116	107	102	98	94	90	86	86			86

TEMPERATURE PROFILE FOR
BY105
08/01/1994 - 10/19/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 166.500000 inches as of: 10/01/94

DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10	11	12
08/15/94	Riser 10C	J	TMACS	113	109	105	102	98	86						
	Riser 1	J	TMACS	119	115	108	102	98	94	90	86	86			87
08/16/94	Riser 10C	J	TMACS	113	109	106	102	99	86						
	Riser 1	J	TMACS	119	115	108	102	98	93	90	86	85			86
08/17/94	Riser 10C	J	TMACS	113	109	105	102	98	86						
	Riser 1	J	TMACS	119	114	108	102	98	94	91	87	86			86
08/19/94	Riser 10C	J	TMACS	112	109	105	102	99	86						
	Riser 1	J	TMACS	119	115	108	102	98	94	91	86	86			87
08/20/94	Riser 10C	J	TMACS	112	109	105	103	99	86						
	Riser 1	J	TMACS	119	115	107	102	98	93	91	87	86			87
08/21/94	Riser 10C	J	TMACS	113	109	105	102	99	86						
	Riser 1	J	TMACS	119	114	108	102	98	94	91	87	86			87
08/22/94	Riser 10C	J	TMACS	112	109	105	102	99	86						
	Riser 1	J	TMACS	118	114	107	102	98	94	91	87	86			87
08/23/94	Riser 10C	J	TMACS	113	109	105	103	99	86						
	Riser 1	J	TMACS	119	115	108	102	98	94	91	87	86			87
08/24/94	Riser 10C	J	TMACS	113	109	106	102	99	86						
	Riser 1	J	TMACS	119	114	107	102	98	94	91	87	86			87
08/25/94	Riser 10C	J	TMACS	112	109	105	102	99	86						
	Riser 1	J	TMACS	119	114	108	102	98	94	91	87	86			87
08/26/94	Riser 10C	J	TMACS	112	109	105	102	99	86						
	Riser 1	J	TMACS	119	115	107	102	98	94	91	87	86			87
08/27/94	Riser 10C	J	TMACS	112	109	106	102	99	86						
	Riser 1	J	TMACS	119	115	108	102	99	94	91	87	86			87
08/28/94	Riser 10C	J	TMACS	113	110	105	102	99	86						
	Riser 1	J	TMACS	119	114	108	102	98	94	91	87	86			87
08/29/94	Riser 10C	J	TMACS	112	109	105	103	99	86						
	Riser 1	J	TMACS	118	115	108	102	98	94	91	87	87			87

TEMPERATURE FILE FOR
BY105
08/01/1994 - 10/19/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 166.500000 inches as of: 10/01/94

DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10	11	12
08/30/94	Riser 10C	J	TMACS	112	109	105	102	99	86						
	Riser 1	J	TMACS	119	114	108	102	98	94	91	87	86			87
08/31/94	Riser 10C	J	TMACS	113	109	105	102	99	86						
	Riser 1	J	TMACS	119	115	108	102	98	94	91	87	87			87
09/01/94	Riser 10C	J	TMACS	113	109	106	103	99	87						
	Riser 1	J	TMACS	119	115	108	102	99	94	91	88	87			87
09/02/94	Riser 10C	J	TMACS	112	109	105	102	99	86						
	Riser 1	J	TMACS	119	114	108	103	98	95	91	87	86			87
09/03/94	Riser 10C	J	TMACS	113	109	105	102	99	87						
	Riser 1	J	TMACS	118	115	108	103	99	94	92	87	87			88
09/04/94	Riser 10C	J	TMACS	112	109	105	102	99	86						
	Riser 1	J	TMACS	118	115	108	102	98	94	92	88	87			88
09/05/94	Riser 10C	J	TMACS	112	109	105	102	99	86						
	Riser 1	J	TMACS	118	115	108	102	99	95	92	88	87			88
09/06/94	Riser 10C	J	TMACS	112	109	105	102	99	87						
	Riser 1	J	TMACS	118	115	107	102	99	94	91	87	86			87
09/07/94	Riser 10C	J	TMACS	113	109	106	102	100	87						
	Riser 1	J	TMACS	119	115	108	103	99	95	92	88	87			88
09/08/94	Riser 10C	J	TMACS	113	109	106	103	100	87						
	Riser 1	J	TMACS	119	115	107	102	98	94	92	88	87			87
09/09/94	Riser 10C	J	TMACS	113	109	105	103	99	87						
	Riser 1	J	TMACS	119	115	108	103	99	94	91	88	87			88
09/10/94	Riser 10C	J	TMACS	112	109	105	102	99	87						
	Riser 1	J	TMACS	118	114	108	103	98	95	92	88	87			88
09/11/94	Riser 10C	J	TMACS	112	109	105	102	99	87						
	Riser 1	J	TMACS	118	115	108	103	99	95	92	89	87			88
09/12/94	Riser 10C	J	TMACS	112	109	105	102	99	87						
	Riser 1	J	TMACS	118	115	108	103	99	95	91	88	87			88

TEMPERATURE PROFILE FOR BY105
08/01/1994 - 10/19/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 166.500000 inches as of: 10/01/94

RISER 10C (in) — 11 — 31 — 56 — 80 — 104 — 296
RISER 1 (in) — 4 — 28 — 52 — 76 — 100 — 124 — 148 — 172 — 196 — 268

DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10	11	12
09/13/94	Riser 10C	J	TMACS	112	109	105	103	99	87						
	Riser 1	J	TMACS	118	114	108	103	99	95	92	88	87			88
09/14/94	Riser 10C	J	TMACS	113	109	105	103	99	87						
	Riser 1	J	TMACS	118	115	108	103	99	94	92	88	87			88
09/15/94	Riser 10C	J	TMACS	112	109	105	103	99	87						
	Riser 1	J	TMACS	118	115	108	103	99	95	92	88	87			88
09/16/94	Riser 10C	J	TMACS	112	109	105	103	100	87						
	Riser 1	J	TMACS	118	115	108	103	99	95	92	88	87			88
09/17/94	Riser 10C	J	TMACS	113	109	106	102	100	87						
	Riser 1	J	TMACS	119	115	108	103	99	95	92	88	87			88
09/18/94	Riser 10C	J	TMACS	112	109	106	103	100	88						
	Riser 1	J	TMACS	118	115	108	103	99	95	92	88	88			88
09/19/94	Riser 10C	J	TMACS	113	110	106	102	100	87						
	Riser 1	J	TMACS	119	115	108	103	99	95	91	88	87			88
09/20/94	Riser 10C	J	TMACS	113	109	105	102	100	87						
	Riser 1	J	TMACS	118	114	108	103	99	95	92	88	87			88
09/21/94	Riser 10C	J	TMACS	113	110	106	102	100	87						
	Riser 1	J	TMACS	119	115	108	102	98	95	92	88	87			88
09/22/94	Riser 10C	J	TMACS	112	109	106	103	100	87						
	Riser 1	J	TMACS	118	115	108	103	99	95	92	88	87			89
09/23/94	Riser 10C	J	TMACS	112	109	105	103	99	87						
	Riser 1	J	TMACS	119	115	108	103	99	95	92	89	88			89
09/24/94	Riser 10C	J	TMACS	112	109	106	103	100	87						
	Riser 1	J	TMACS	119	115	108	103	99	95	93	89	88			89
09/25/94	Riser 10C	J	TMACS	113	109	106	103	99	87						
	Riser 1	J	TMACS	119	115	108	103	99	95	92	88	87			88
09/26/94	Riser 10C	J	TMACS	113	110	106	103	100	88						
	Riser 1	J	TMACS	118	115	108	102	99	95	92	89	87			88

TEMPERATURE PROFILE FOR
BY105
08/01/1994 - 10/19/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 166.500000 inches as of: 10/01/94

DATE	RISER	SOURCE	1	2	3	4	5	6	7	8	9	10	11	12
09/27/94	Riser 10C J	TMACS	112	109	106	103	100	87						
	Riser 1 J	TMACS	119	115	108	103	99	95	92	89	88			88
09/28/94	Riser 10C J	TMACS	113	109	106	104	100	87						
	Riser 1 J	TMACS	119	115	108	103	99	95	93	89	88			89
09/29/94	Riser 10C J	TMACS	113	109	106	103	99	88						
	Riser 1 J	TMACS	118	115	108	103	99	95	92	89	87			88
09/30/94	Riser 10C J	TMACS	112	109	106	103	99	87						
	Riser 1 J	TMACS	118	115	108	103	99	95	92	89	87			88
10/01/94	Riser 10C J	TMACS	113	109	105	102	100	87						
	Riser 1 J	TMACS	118	115	108	103	99	96	93	89	88			89
10/02/94	Riser 10C J	TMACS	112	109	105	103	100	87						
	Riser 1 J	TMACS	118	115	108	103	99	96	93	89	88			89
10/03/94	Riser 10C J	TMACS	112	109	106	103	100	87						
	Riser 1 J	TMACS	118	115	108	103	99	96	93	89	87			89
10/04/94	Riser 10C J	TMACS	112	109	105	102	99	87						
	Riser 1 J	TMACS	118	115	108	103	100	95	93	88	87			89
10/05/94	Riser 10C J	TMACS	111	109	105	103	100	87						
	Riser 1 J	TMACS	118	114	108	104	100	96	93	89	88			89
10/06/94	Riser 10C J	TMACS	112	109	105	102	100	87						
	Riser 1 J	TMACS	118	115	108	103	100	96	93	89	87			88
10/07/94	Riser 10C J	TMACS	113	109	105	103	100	87						
	Riser 1 J	TMACS	119	115	108	103	100	96	93	89	87			89
10/08/94	Riser 10C J	TMACS	112	109	105	102	100	87						
	Riser 1 J	TMACS	118	114	108	104	100	96	93	89	88			89
10/09/94	Riser 10C J	TMACS	112	109	105	103	100	87						
	Riser 1 J	TMACS	118	115	108	103	100	96	93	89	88			89
10/10/94	Riser 10C J	TMACS	113	109	106	103	100	87						
	Riser 1 J	TMACS	118	115	109	103	99	95	93	89	88			89

TEMPERATURE PROFILE FOR
BY105
08/01/1994 - 10/19/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 166.500000 inches as of: 10/01/94

DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10	11	12
10/11/94	Riser 10C	J	TMACS	112	109	105	102	100	87						
	Riser 1	J	TMACS	118	115	108	104	100	96	93	89	88			89
10/12/94	Riser 10C	J	TMACS	112	109	105	103	99	87						
	Riser 1	J	TMACS	118	115	109	104	100	96	94	89	88			89
10/13/94	Riser 10C	J	TMACS	112	109	105	103	100	87						
	Riser 1	J	TMACS	118	115	109	104	100	96	94	89	88			89
10/14/94	Riser 10C	J	TMACS	112	109	106	102	100	87						
	Riser 1	J	TMACS	118	114	108	104	100	96	93	89	88			89
10/15/94	Riser 10C	J	TMACS	111	108	105	102	99	86						
	Riser 1	J	TMACS	118	115	109	103	100	96	93	89	88			89
10/16/94	Riser 10C	J	TMACS	111	108	105	102	99	86						
	Riser 1	J	TMACS	118	115	108	104	100	96	93	89	87			88
10/17/94	Riser 10C	J	TMACS	112	108	105	103	99	87						
	Riser 1	J	TMACS	118	115	109	103	100	96	93	89	88			89
10/18/94	Riser 10C	J	TMACS	112	109	106	102	100	86						
	Riser 1	J	TMACS	118	115	109	103	100	96	93	89	87			89
10/19/94	Riser 10C	J	TMACS	112	109	105	103	99	87						
	Riser 1	J	TMACS	118	115	109	104	100	96	93	89	88			88

TEMPERATURE PROFILE FOR BY106
08/01/1994 - 10/19/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 243.500000 inches as of: 07/01/94

200"

248"

	TC Height (inches from bottom)			8	32	56	80	104	296
DATE	RISER		SOURCE	1	2	3	4	5	6
08/01/94	Riser 1	J	TMACS	127	124	122	119	116	85
08/02/94	Riser 1	J	TMACS	127	124	122	119	115	85
08/03/94	Riser 1	J	TMACS	127	124	122	119	116	86
08/04/94	Riser 1	J	TMACS	127	124	123	119	116	86
08/05/94	Riser 1	J	TMACS	127	124	123	119	116	86
08/06/94	Riser 1	J	TMACS	127	125	122	119	116	86
08/07/94	Riser 1	J	TMACS	127	124	122	119	116	86
08/08/94	Riser 1	J	TMACS	127	125	123	119	116	87
08/09/94	Riser 1	J	TMACS	127	125	123	119	116	86
08/10/94	Riser 1	J	TMACS	127	124	123	120	116	86
08/11/94	Riser 1	J	TMACS	127	124	123	119	116	87
08/12/94	Riser 1	J	TMACS	127	124	122	119	116	86
08/13/94	Riser 1	J	TMACS	127	124	122	119	116	87
08/14/94	Riser 1	J	TMACS	127	124	122	119	116	87
08/15/94	Riser 1	J	TMACS	127	124	122	119	116	87
08/16/94	Riser 1	J	TMACS	127	124	122	119	116	87
08/17/94	Riser 1	J	TMACS	127	124	122	119	116	87
08/19/94	Riser 1	J	TMACS	127	124	122	119	116	87
08/20/94	Riser 1	J	TMACS	127	124	123	120	116	87
08/21/94	Riser 1	J	TMACS	127	125	123	119	116	87
08/22/94	Riser 1	J	TMACS	127	124	122	119	116	87
08/23/94	Riser 1	J	TMACS	127	125	122	119	116	88
08/24/94	Riser 1	J	TMACS	127	125	122	119	116	87
08/25/94	Riser 1	J	TMACS	127	124	122	119	117	88
08/26/94	Riser 1	J	TMACS	127	125	122	119	116	88
08/27/94	Riser 1	J	TMACS	127	124	122	119	116	88
08/28/94	Riser 1	J	TMACS	127	124	123	119	116	88
08/29/94	Riser 1	J	TMACS	127	124	122	119	116	88

TEMPERATURE PROFILE FOR
BY106
08/01/1994 - 10/19/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 243.500000 inches as of: 07/01/94

	TC Height (inches from bottom)			8	32	56	80	104	296
DATE	RISER		SOURCE	1	2	3	4	5	6
08/30/94	Riser 1	J	TMACS	127	124	123	120	116	88
08/31/94	Riser 1	J	TMACS	127	124	123	119	116	88
09/01/94	Riser 1	J	TMACS	127	124	123	119	117	88
09/02/94	Riser 1	J	TMACS	127	124	122	119	116	88
09/03/94	Riser 1	J	TMACS	127	124	123	120	117	88
09/04/94	Riser 1	J	TMACS	127	125	123	119	116	88
09/05/94	Riser 1	J	TMACS	127	124	122	119	117	89
09/06/94	Riser 1	J	TMACS	127	124	122	119	116	88
09/07/94	Riser 1	J	TMACS	127	124	123	119	116	89
09/08/94	Riser 1	J	TMACS	127	124	122	119	116	88
09/09/94	Riser 1	J	TMACS	127	124	122	119	117	89
09/10/94	Riser 1	J	TMACS	127	124	122	119	117	89
09/11/94	Riser 1	J	TMACS	127	124	123	120	116	89
09/12/94	Riser 1	J	TMACS	127	124	122	119	116	89
09/13/94	Riser 1	J	TMACS	127	124	122	119	117	89
09/14/94	Riser 1	J	TMACS	127	124	122	119	116	88
09/15/94	Riser 1	J	TMACS	127	124	122	119	116	89
09/16/94	Riser 1	J	TMACS	127	124	123	119	116	89
09/17/94	Riser 1	J	TMACS	127	124	122	119	116	89
09/18/94	Riser 1	J	TMACS	127	124	123	119	116	89
09/19/94	Riser 1	J	TMACS	127	124	122	119	116	89
09/20/94	Riser 1	J	TMACS	127	124	122	119	116	89
09/21/94	Riser 1	J	TMACS	127	124	122	119	116	89
09/22/94	Riser 1	J	TMACS	127	124	123	120	116	89
09/23/94	Riser 1	J	TMACS	127	124	122	119	117	89
09/24/94	Riser 1	J	TMACS	127	124	122	119	117	89
09/25/94	Riser 1	J	TMACS	127	124	122	120	117	89
09/26/94	Riser 1	J	TMACS	127	124	122	119	116	89

104 117

117-89

TEMPERATURE PROFILE FOR BY106
08/01/1994 - 10/19/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 243.500000 inches as of: 07/01/94

	TC Height (inches from bottom)			8	32	56	80	104	296
DATE	RISER		SOURCE	1	2	3	4	5	6
09/27/94	Riser 1	J	TMACS	127	124	122	119	116	89
09/28/94	Riser 1	J	TMACS	127	125	122	119	116	89
09/29/94	Riser 1	J	TMACS	127	124	122	119	116	89
09/30/94	Riser 1	J	TMACS	127	124	122	120	117	89
10/01/94	Riser 1	J	TMACS	127	124	123	120	116	89
10/02/94	Riser 1	J	TMACS	127	124	123	120	116	90
10/03/94	Riser 1	J	TMACS	127	124	123	120	117	89
10/04/94	Riser 1	J	TMACS	127	124	122	120	116	89
10/05/94	Riser 1	J	TMACS	127	124	122	119	116	89
10/06/94	Riser 1	J	TMACS	127	124	122	119	116	89
10/07/94	Riser 1	J	TMACS	127	124	122	120	117	89
10/08/94	Riser 1	J	TMACS	127	124	123	120	116	90
10/09/94	Riser 1	J	TMACS	127	125	123	120	116	89
10/10/94	Riser 1	J	TMACS	127	124	122	120	116	89
10/11/94	Riser 1	J	TMACS	127	124	122	120	116	90
10/12/94	Riser 1	J	TMACS	127	124	123	120	116	90
10/13/94	Riser 1	J	TMACS	127	125	123	119	116	90
10/14/94	Riser 1	J	TMACS	127	125	123	119	117	89
10/15/94	Riser 1	J	TMACS	127	124	123	119	116	89
10/16/94	Riser 1	J	TMACS	127	124	123	120	117	89
10/17/94	Riser 1	J	TMACS	127	124	123	120	116	89
10/18/94	Riser 1	J	TMACS	127	124	123	120	116	89
10/19/94	Riser 1	J	TMACS	127	124	122	120	116	89

TEMPERATURE PROFILE FOR BY107
08/01/1994 - 10/19/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 103.000000 inches as of: 10/01/94

	TC Height (inches from bottom)			6	30	54	78	102	126	150	174	198	222	246	270	318	366
DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10	11	12	13	14
08/01/94	Riser 1	J	TMACS	97	93	85	83	83	83	84	84	79	79	79	80	80	81
08/02/94	Riser 1	J	TMACS	97	93	85	83	82	83	84	84	80	78	79	80	80	81
08/03/94	Riser 1	J	TMACS	98	95	86	84	84	84	84	86	80	80	80	81	81	82
08/04/94	Riser 1	J	TMACS	97	94	85	83	83	83	84	84	80	79	80	80	80	81
08/05/94	Riser 1	J	TMACS	97	93	85	83	83	83	84	85	80	79	79	79	80	81
08/06/94	Riser 1	J	TMACS	96	93	85	83	82	82	83	84	79	78	79	79	80	80
08/07/94	Riser 1	J	TMACS	96	93	86	84	83	83	84	85	79	79	80	80	81	81
08/08/94	Riser 1	J	TMACS	96	93	85	83	83	83	83	84	80	79	79	80	80	81
08/09/94	Riser 1	J	TMACS	95	92	85	83	82	82	83	84	78	78	79	79	80	81
08/10/94	Riser 1	J	TMACS	96	93	85	83	83	83	84	84	79	78	79	80	80	81
08/11/94	Riser 1	J	TMACS	96	93	85	83	84	83	84	85	80	79	80	80	81	82
08/12/94	Riser 1	J	TMACS	97	94	86	84	84	84	84	85	80	79	80	81	81	82
08/13/94	Riser 1	J	TMACS	96	94	86	84	83	83	84	85	81	79	80	81	81	82
08/14/94	Riser 1	J	TMACS	97	94	86	84	84	84	85	85	80	80	80	81	81	82
08/15/94	Riser 1	J	TMACS	96	93	85	84	83	84	84	85	80	80	80	80	81	82
08/16/94	Riser 1	J	TMACS	97	93	86	84	83	83	84	85	80	79	80	80	80	81
08/17/94	Riser 1	J	TMACS	96	94	86	84	84	84	84	85	80	79	80	80	81	82
08/19/94	Riser 1	J	TMACS	96	93	86	84	84	84	84	85	80	80	80	80	81	82
08/20/94	Riser 1	J	TMACS	97	93	86	84	84	84	84	85	80	80	80	81	81	82
08/21/94	Riser 1	J	TMACS	96	93	86	84	83	84	84	84	80	79	80	81	81	82
08/22/94	Riser 1	J	TMACS	96	93	86	84	83	84	84	84	80	80	80	80	81	82
08/23/94	Riser 1	J	TMACS	96	93	86	84	83	84	84	85	80	80	80	80	81	81
08/24/94	Riser 1	J	TMACS	96	94	86	84	84	84	84	85	80	80	80	80	81	82
08/25/94	Riser 1	J	TMACS	96	94	86	84	84	84	84	85	81	79	80	81	81	82
08/26/94	Riser 1	J	TMACS	96	93	86	84	83	84	84	85	80	80	80	81	82	82
08/27/94	Riser 1	J	TMACS	96	93	86	84	83	84	84	85	80	80	80	81	81	82
08/28/94	Riser 1	J	TMACS	96	93	86	84	84	84	85	86	80	80	80	81	82	82
08/29/94	Riser 1	J	TMACS	96	93	86	84	84	84	84	85	81	80	81	81	81	82

TEMPERATURE PROFILE FOR BY107
08/01/1994 - 10/19/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 103.000000 inches as of: 10/01/94

	TC Height (inches from bottom)			6	30	54	78	102	126	150	174	198	222	246	270	318	366
DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10	11	12	13	14
08/30/94	Riser 1	J	TMACS	96	93	86	84	84	84	84	85	81	80	81	81	82	82
08/31/94	Riser 1	J	TMACS	96	93	87	84	84	84	85	86	81	80	81	81	82	83
09/01/94	Riser 1	J	TMACS	97	93	86	84	85	84	85	86	81	80	81	81	82	82
09/02/94	Riser 1	J	TMACS	96	93	87	84	84	84	84	86	80	80	81	81	82	82
09/03/94	Riser 1	J	TMACS	97	94	86	85	84	84	85	86	81	80	81	81	82	83
09/04/94	Riser 1	J	TMACS	96	93	86	84	84	84	85	86	80	80	81	81	82	83
09/05/94	Riser 1	J	TMACS	96	93	86	84	84	84	84	86	80	80	80	81	81	82
09/06/94	Riser 1	J	TMACS	96	93	86	84	84	84	85	86	80	80	80	81	81	82
09/07/94	Riser 1	J	TMACS	96	93	87	85	84	84	85	86	81	80	81	81	82	83
09/08/94	Riser 1	J	TMACS	97	94	87	85	84	84	85	86	81	81	81	82	82	83
09/09/94	Riser 1	J	TMACS	96	93	87	85	84	84	85	86	81	80	81	81	82	83
09/10/94	Riser 1	J	TMACS	96	93	86	84	84	84	84	86	81	80	81	81	82	82
09/11/94	Riser 1	J	TMACS	95	93	86	84	84	84	84	85	81	80	81	81	81	83
09/12/94	Riser 1	J	TMACS	96	93	86	84	84	84	84	85	80	80	81	81	81	82
09/13/94	Riser 1	J	TMACS	96	93	86	84	84	84	85	85	81	80	81	81	81	82
09/14/94	Riser 1	J	TMACS	97	93	87	85	84	84	85	86	81	81	82	81	82	83
09/15/94	Riser 1	J	TMACS	96	94	87	85	85	85	85	86	81	81	81	81	82	83
09/16/94	Riser 1	J	TMACS	96	93	87	84	84	85	85	86	80	80	81	81	82	83
09/17/94	Riser 1	J	TMACS	97	94	87	85	85	85	85	86	82	81	81	82	82	83
09/18/94	Riser 1	J	TMACS	96	94	87	85	85	85	85	86	81	81	81	82	82	83
09/19/94	Riser 1	J	TMACS	97	94	87	85	85	85	86	86	82	81	81	82	83	83
09/20/94	Riser 1	J	TMACS	97	94	87	86	85	85	86	87	82	81	82	82	82	83
09/21/94	Riser 1	J	TMACS	97	94	87	86	85	85	86	87	82	82	82	82	83	84
09/22/94	Riser 1	J	TMACS	96	93	86	85	84	84	85	86	81	81	81	81	82	83
09/23/94	Riser 1	J	TMACS	96	93	86	85	85	84	85	86	81	80	81	81	82	83
09/24/94	Riser 1	J	TMACS	96	94	87	85	85	85	86	86	81	81	82	81	82	83
09/25/94	Riser 1	J	TMACS	97	94	87	85	85	86	86	87	82	81	82	82	83	83
09/26/94	Riser 1	J	TMACS	97	95	87	85	86	85	86	87	82	81	82	82	82	84

TEMPERATURE PROFILE FOR
BY107
08/01/1994 - 10/19/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 103.000000 inches as of: 10/01/94

	TC Height (inches from bottom)			6	30	54	78	102	126	150	174	198	222	246	270	318	366
DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10	11	12	13	14
09/27/94	Riser 1	J	TMACS	97	94	87	86	85	85	86	86	81	81	81	81	83	83
09/28/94	Riser 1	J	TMACS	96	94	87	85	85	85	86	86	81	81	81	82	82	83
09/29/94	Riser 1	J	TMACS	96	94	87	86	85	85	86	86	82	81	82	82	83	83
09/30/94	Riser 1	J	TMACS	96	93	87	84	84	84	85	85	81	80	81	81	82	82
10/01/94	Riser 1	J	TMACS	96	93	87	85	85	85	85	86	81	80	81	81	82	83
10/02/94	Riser 1	J	TMACS	96	94	86	85	84	85	86	86	81	81	81	82	82	83
10/03/94	Riser 1	J	TMACS	96	93	86	85	84	84	85	85	81	80	81	81	82	82
10/04/94	Riser 1	J	TMACS	96	94	87	85	84	84	86	86	81	80	81	81	82	83
10/05/94	Riser 1	J	TMACS	96	93	86	84	84	84	84	85	80	80	81	81	82	82
10/06/94	Riser 1	J	TMACS	97	94	87	85	84	85	85	86	81	81	81	81	82	83
10/07/94	Riser 1	J	TMACS	96	94	86	85	85	84	85	86	81	80	81	81	82	82
10/08/94	Riser 1	J	TMACS	96	93	86	84	84	84	84	86	80	80	81	81	81	82
10/09/94	Riser 1	J	TMACS	96	94	86	84	84	84	85	86	80	80	81	81	82	82
10/10/94	Riser 1	J	TMACS	96	94	87	85	85	84	86	86	81	81	82	82	82	83
10/11/94	Riser 1	J	TMACS	96	93	86	85	84	84	85	86	81	80	81	81	82	82
10/12/94	Riser 1	J	TMACS	95	92	85	84	83	84	84	84	79	78	80	80	80	81
10/13/94	Riser 1	J	TMACS	96	93	86	84	84	84	84	85	80	80	81	81	82	82
10/14/94	Riser 1	J	TMACS	96	93	86	84	84	84	85	85	80	80	81	81	81	82
10/15/94	Riser 1	J	TMACS	95	93	86	84	84	84	84	85	80	79	80	80	81	81
10/16/94	Riser 1	J	TMACS	95	93	86	84	84	84	84	85	80	80	80	80	81	82
10/17/94	Riser 1	J	TMACS	95	92	86	84	84	84	84	85	80	79	80	80	81	82
10/18/94	Riser 1	J	TMACS	96	93	86	84	84	84	84	85	80	80	80	81	81	82
10/19/94	Riser 1	J	TMACS	95	93	86	84	83	84	84	85	80	79	80	80	81	82

TEMPERATURE PROFILE FOR
BY108
08/01/1994 - 10/19/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 87.500000 inches as of: 10/01/94

TC Height (inches from bottom)				6	30	54	78	102	126	150	174	198	222
DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10
08/01/94	Riser 8	J	TMACS	107	101	94	85	83	84	84	86	81	82
08/02/94	Riser 8	J	TMACS	107	101	94	86	84	84	85	86	81	82
08/03/94	Riser 8	J	TMACS	107	101	93	84	83	83	84	85	81	81
08/04/94	Riser 8	J	TMACS	108	101	94	85	84	84	85	86	82	82
08/05/94	Riser 8	J	TMACS	107	101	94	85	84	84	85	86	82	82
08/06/94	Riser 8	J	TMACS	107	101	94	86	84	84	85	87	82	82
08/07/94	Riser 8	J	TMACS	107	101	94	86	84	85	86	87	82	82
08/08/94	Riser 8	J	TMACS	108	102	94	86	85	85	86	87	82	82
08/09/94	Riser 8	J	TMACS	107	101	94	86	84	84	85	87	82	82
08/10/94	Riser 8	J	TMACS	108	101	94	86	84	85	86	87	82	82
08/11/94	Riser 8	J	TMACS	107	101	94	86	84	85	86	87	82	82
08/12/94	Riser 8	J	TMACS	107	101	94	86	84	84	86	87	82	82
08/13/94	Riser 8	J	TMACS	107	101	94	86	84	85	85	87	82	82
08/14/94	Riser 8	J	TMACS	107	101	94	86	84	85	86	87	83	83
08/15/94	Riser 8	J	TMACS	107	101	94	86	84	85	86	87	82	82
08/16/94	Riser 8	J	TMACS	107	101	94	86	85	85	86	87	82	83
08/17/94	Riser 8	J	TMACS	107	101	94	86	84	85	86	87	83	83
08/19/94	Riser 8	J	TMACS	108	102	95	87	85	86	86	87	82	83
08/20/94	Riser 8	J	TMACS	107	101	94	86	85	86	86	87	83	83
08/21/94	Riser 8	J	TMACS	107	102	95	87	85	86	86	88	83	83
08/22/94	Riser 8	J	TMACS	108	102	95	87	85	86	87	87	83	83
08/23/94	Riser 8	J	TMACS	107	102	94	86	85	86	86	87	83	83
08/24/94	Riser 8	J	TMACS	108	102	95	87	85	86	86	88	83	84
08/25/94	Riser 8	J	TMACS	108	102	95	86	86	85	86	88	83	83
08/26/94	Riser 8	J	TMACS	108	102	95	87	86	86	87	87	83	83
08/27/94	Riser 8	J	TMACS	107	102	95	87	86	86	87	88	83	84
08/28/94	Riser 8	J	TMACS	107	102	94	87	86	86	86	87	84	84
08/29/94	Riser 8	J	TMACS	108	101	95	87	86	86	86	88	84	84

TEMPERATURE PROFILE FOR
BY108
08/01/1994 - 10/19/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 87.500000 inches as of: 10/01/94

TC Height (inches from bottom)			6	30	54	78	102	126	150	174	198	222
DATE	RISER	SOURCE	1	2	3	4	5	6	7	8	9	10
08/30/94	Riser 8	J TMACS	107	102	95	87	86	86	87	88	83	84
08/31/94	Riser 8	J TMACS	108	102	95	87	86	86	87	88	84	84
09/01/94	Riser 8	J TMACS	108	102	95	87	86	86	87	88	84	84
09/02/94	Riser 8	J TMACS	107	102	95	87	86	86	87	88	84	84
09/03/94	Riser 8	J TMACS	107	102	95	87	86	86	87	88	84	84
09/04/94	Riser 8	J TMACS	107	102	95	87	86	86	87	88	84	84
09/05/94	Riser 8	J TMACS	107	102	95	87	86	86	87	88	83	84
09/06/94	Riser 8	J TMACS	108	102	95	88	86	86	87	89	84	84
09/07/94	Riser 8	J TMACS	108	102	95	88	86	87	87	89	84	84
09/08/94	Riser 8	J TMACS	107	102	95	88	86	87	87	88	84	84
09/09/94	Riser 8	J TMACS	107	102	95	87	86	86	87	88	84	84
09/10/94	Riser 8	J TMACS	108	102	95	87	86	86	87	88	84	84
09/11/94	Riser 8	J TMACS	108	102	95	87	86	87	87	89	84	84
09/12/94	Riser 8	J TMACS	108	102	95	88	87	87	88	89	84	84
09/13/94	Riser 8	J TMACS	108	102	95	88	87	87	88	88	84	84
09/14/94	Riser 8	J TMACS	108	102	95	88	87	87	88	89	84	85
09/15/94	Riser 8	J TMACS	108	102	95	87	86	87	88	89	84	84
09/16/94	Riser 8	J TMACS	108	102	96	88	87	87	88	89	84	84
09/17/94	Riser 8	J TMACS	108	102	95	87	86	87	87	89	84	84
09/18/94	Riser 8	J TMACS	108	102	95	88	86	87	88	89	84	84
09/19/94	Riser 8	J TMACS	108	102	95	88	87	86	87	89	84	84
09/20/94	Riser 8	J TMACS	108	102	96	88	87	87	88	89	84	84
09/21/94	Riser 8	J TMACS	108	102	95	88	86	87	87	89	84	84
09/22/94	Riser 8	J TMACS	108	102	96	88	87	87	88	89	84	84
09/23/94	Riser 8	J TMACS	108	102	96	88	87	87	88	89	84	84
09/24/94	Riser 8	J TMACS	108	103	96	88	87	87	88	89	84	85
09/25/94	Riser 8	J TMACS	108	102	96	88	87	87	88	89	85	84
09/26/94	Riser 8	J TMACS	108	103	95	88	87	87	88	89	84	84

TEMPERATURE PROFILE FOR BY108
08/01/1994 - 10/19/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 87.500000 inches as of: 10/01/94

TC Height (inches from bottom)				6	30	54	78	102	126	150	174	198	222
DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10
09/27/94	Riser 8	J	TMACS	108	102	96	88	86	87	88	89	84	84
09/28/94	Riser 8	J	TMACS	108	102	96	88	87	87	88	89	84	85
09/29/94	Riser 8	J	TMACS	108	102	95	87	86	87	87	89	84	85
09/30/94	Riser 8	J	TMACS	108	103	96	88	87	87	88	89	85	85
10/01/94	Riser 8	J	TMACS	108	103	96	88	87	88	88	89	85	85
10/02/94	Riser 8	J	TMACS	108	102	96	88	87	87	88	89	85	84
10/03/94	Riser 8	J	TMACS	108	103	96	88	87	87	88	89	85	84
10/04/94	Riser 8	J	TMACS	108	103	96	88	87	87	88	89	85	85
10/05/94	Riser 8	J	TMACS	108	103	96	88	87	87	88	89	85	85
10/06/94	Riser 8	J	TMACS	108	102	96	88	87	87	88	89	85	85
10/07/94	Riser 8	J	TMACS	108	102	96	88	87	87	88	89	85	84
10/08/94	Riser 8	J	TMACS	108	103	96	89	87	87	89	89	85	85
10/09/94	Riser 8	J	TMACS	108	103	96	88	87	87	88	89	85	84
10/10/94	Riser 8	J	TMACS	108	103	96	88	87	87	88	89	84	85
10/11/94	Riser 8	J	TMACS	109	103	96	88	87	88	88	89	85	85
10/12/94	Riser 8	J	TMACS	108	103	96	88	87	88	88	89	85	84
10/13/94	Riser 8	J	TMACS	109	103	96	88	87	88	88	89	85	85
10/14/94	Riser 8	J	TMACS	108	103	96	88	87	87	88	89	85	85
10/15/94	Riser 8	J	TMACS	108	103	96	88	87	87	88	89	84	84
10/16/94	Riser 8	J	TMACS	108	103	96	88	87	87	88	89	85	85
10/17/94	Riser 8	J	TMACS	109	103	96	88	87	88	88	90	84	85
10/18/94	Riser 8	J	TMACS	108	103	96	88	87	87	88	89	84	85
10/19/94	Riser 8	J	TMACS	108	103	96	88	87	87	88	89	85	85

TEMPERATURE PROFILE FOR BY110
08/01/1994 - 10/19/1994

NO T/C Tree Risers-for 109BY

TEMPERATURES - °FAHRENHEIT

Surface Level: 98.750000 inches as of: 10/01/94

DATE	RISER		SOURCE	1	2	3	4	5	6
08/01/94	Riser 1	E	TMACS	118	116	113	108	101	79
	Riser 10A	K	TMACS	107	102	98	86	82	79
08/02/94	Riser 1	E	TMACS	117	116	113	108	101	79
	Riser 10A	K	TMACS	106	102	98	87	82	79
08/03/94	Riser 1	E	TMACS	117	116	113	108	100	79
	Riser 10A	K	TMACS	106	102	97	87	82	79
08/04/94	Riser 1	E	TMACS	117	116	113	108	101	80
	Riser 10A	K	TMACS	107	102	98	87	83	79
08/05/94	Riser 1	E	TMACS	117	116	113	108	100	80
	Riser 10A	K	TMACS	107	102	98	87	82	79
08/06/94	Riser 1	E	TMACS	117	116	113	108	100	80
	Riser 10A	K	TMACS	106	102	98	87	82	80
08/07/94	Riser 1	E	TMACS	118	116	113	108	100	80
	Riser 10A	K	TMACS	107	102	98	87	82	80
08/08/94	Riser 1	E	TMACS	117	116	113	108	101	80
	Riser 10A	K	TMACS	107	102	99	87	83	80
08/09/94	Riser 1	E	TMACS	117	116	113	108	100	80
	Riser 10A	K	TMACS	107	102	98	88	83	80
08/10/94	Riser 1	E	TMACS	117	116	113	108	101	80
	Riser 10A	K	TMACS	107	102	98	87	83	80
08/11/94	Riser 1	E	TMACS	118	116	113	108	101	80
	Riser 10A	K	TMACS	107	102	98	87	83	80
08/12/94	Riser 1	E	TMACS	117	116	113	108	101	80
	Riser 10A	K	TMACS	107	102	98	88	83	80
08/13/94	Riser 1	E	TMACS	117	116	113	108	101	80
	Riser 10A	K	TMACS	107	102	98	88	83	80
08/14/94	Riser 1	E	TMACS	118	116	113	108	101	81
	Riser 10A	K	TMACS	107	102	98	87	83	80

TEMPERATURE PROFILE FOR
BY110
08/01/1994 - 10/19/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 98.750000 inches as of: 10/01/94

DATE	RISER		SOURCE	1	2	3	4	5	6
08/15/94	Riser 1	E	TMACS	117	116	113	108	101	80
	Riser 10A	K	TMACS	107	102	98	88	84	80
08/16/94	Riser 1	E	TMACS	117	116	113	108	101	81
	Riser 10A	K	TMACS	107	102	98	88	83	80
08/17/94	Riser 1	E	TMACS	117	116	113	108	100	80
	Riser 10A	K	TMACS	107	102	99	88	83	81
08/19/94	Riser 1	E	TMACS	117	116	113	108	101	81
	Riser 10A	K	TMACS	107	102	98	88	84	81
08/20/94	Riser 1	E	TMACS	117	116	113	108	101	81
	Riser 10A	K	TMACS	107	102	99	88	84	81
08/21/94	Riser 1	E	TMACS	117	116	113	108	101	81
	Riser 10A	K	TMACS	107	102	98	89	84	81
08/22/94	Riser 1	E	TMACS	117	116	112	108	101	81
	Riser 10A	K	TMACS	106	102	98	88	84	80
08/23/94	Riser 1	E	TMACS	117	116	113	108	101	81
	Riser 10A	K	TMACS	106	102	99	89	84	81
08/24/94	Riser 1	E	TMACS	117	116	113	108	101	82
	Riser 10A	K	TMACS	107	102	99	88	84	81
08/25/94	Riser 1	E	TMACS	118	116	113	108	101	82
	Riser 10A	K	TMACS	107	102	99	89	84	81
08/26/94	Riser 1	E	TMACS	117	116	112	108	101	81
	Riser 10A	K	TMACS	107	103	99	89	84	82
08/27/94	Riser 1	E	TMACS	117	116	113	108	101	82
	Riser 10A	K	TMACS	106	102	99	89	84	82
08/28/94	Riser 1	E	TMACS	118	116	113	108	101	82
	Riser 10A	K	TMACS	107	102	99	89	84	82
08/29/94	Riser 1	E	TMACS	117	116	113	108	101	82
	Riser 10A	K	TMACS	107	103	99	89	84	81

TEMPERATURE PROFILE FOR
BY110
08/01/1994 - 10/19/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 98.750000 inches as of: 10/01/94

DATE	RISER		SOURCE	1	2	3	4	5	6
08/30/94	Riser 1	E	TMACS	117	116	112	108	101	81
	Riser 10A	K	TMACS	107	103	99	89	85	82
08/31/94	Riser 1	E	TMACS	117	116	112	108	101	82
	Riser 10A	K	TMACS	107	103	99	88	84	81
09/01/94	Riser 1	E	TMACS	117	116	112	108	101	82
	Riser 10A	K	TMACS	107	103	99	89	85	82
09/02/94	Riser 1	E	TMACS	117	116	113	108	101	82
	Riser 10A	K	TMACS	107	103	99	89	85	82
09/03/94	Riser 1	E	TMACS	117	116	113	108	102	82
	Riser 10A	K	TMACS	107	102	99	89	85	82
09/04/94	Riser 1	E	TMACS	117	116	113	108	101	82
	Riser 10A	K	TMACS	107	103	99	89	85	82
09/05/94	Riser 1	E	TMACS	117	116	112	108	101	82
	Riser 10A	K	TMACS	107	103	99	90	85	82
09/06/94	Riser 1	E	TMACS	117	116	113	108	101	82
	Riser 10A	K	TMACS	106	102	99	89	85	82
09/07/94	Riser 1	E	TMACS	117	116	113	108	102	82
	Riser 10A	K	TMACS	107	103	99	90	85	82
09/08/94	Riser 1	E	TMACS	117	116	113	108	101	82
	Riser 10A	K	TMACS	107	103	99	89	85	82
09/09/94	Riser 1	E	TMACS	117	116	113	108	101	82
	Riser 10A	K	TMACS	106	103	99	89	85	82
09/10/94	Riser 1	E	TMACS	117	116	113	108	102	82
	Riser 10A	K	TMACS	107	103	99	89	85	82
09/11/94	Riser 1	E	TMACS	117	116	113	108	102	82
	Riser 10A	K	TMACS	107	103	99	89	85	82
09/12/94	Riser 1	E	TMACS	117	116	113	108	102	82
	Riser 10A	K	TMACS	107	102	99	89	85	82

TEMPERATURE PROFILE FOR BY110
08/01/1994 - 10/19/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 98.750000 inches as of: 10/01/94

RISER 1 (INCHES) - - - - - - - - - 10" 34 58 82 106 298
RISER 10A (INCHES) - - - - - - - - 5" 28 52 88 124 292

DATE	RISER		SOURCE	1	2	3	4	5	6
09/13/94	Riser 1	E	TMACS	117	116	113	108	102	83
	Riser 10A	K	TMACS	107	103	99	90	85	83
09/14/94	Riser 1	E	TMACS	117	116	113	108	101	83
	Riser 10A	K	TMACS	106	103	99	90	85	82
09/15/94	Riser 1	E	TMACS	118	116	113	108	102	83
	Riser 10A	K	TMACS	106	103	99	89	85	82
09/16/94	Riser 1	E	TMACS	117	116	112	108	102	83
	Riser 10A	K	TMACS	107	103	99	90	85	82
09/17/94	Riser 1	E	TMACS	117	116	113	109	102	83
	Riser 10A	K	TMACS	107	103	99	90	86	83
09/18/94	Riser 1	E	TMACS	117	116	113	109	102	83
	Riser 10A	K	TMACS	107	103	99	90	86	83
09/19/94	Riser 1	E	TMACS	117	116	113	109	101	83
	Riser 10A	K	TMACS	107	103	100	90	86	83
09/20/94	Riser 1	E	TMACS	117	116	113	108	101	83
	Riser 10A	K	TMACS	107	103	100	90	86	83
09/21/94	Riser 1	E	TMACS	117	116	113	109	102	83
	Riser 10A	K	TMACS	107	103	100	90	86	83
09/22/94	Riser 1	E	TMACS	117	116	113	108	102	83
	Riser 10A	K	TMACS	106	103	100	90	86	83
09/23/94	Riser 1	E	TMACS	117	116	113	108	102	83
	Riser 10A	K	TMACS	107	103	99	91	86	83
09/24/94	Riser 1	E	TMACS	117	116	113	108	102	83
	Riser 10A	K	TMACS	107	103	100	91	86	84
09/25/94	Riser 1	E	TMACS	118	116	113	109	102	83
	Riser 10A	K	TMACS	107	103	100	90	86	83
09/26/94	Riser 1	E	TMACS	117	116	113	109	102	83
	Riser 10A	K	TMACS	107	103	99	90	86	83

91-86 83-86

TEMPERATURE PROFILE FOR
BY110
08/01/1994 - 10/19/1994

83-102

TEMPERATURES - °FAHRENHEIT

Surface Level: 98.750000 inches as of: 10/01/94

DATE	RISER		SOURCE	1	2	3	4	5	6
09/27/94	Riser 1	E	TMACS	117	116	113	109	102	83
	Riser 10A	K	TMACS	107	103	100	90	86	83
09/28/94	Riser 1	E	TMACS	117	116	113	109	102	84
	Riser 10A	K	TMACS	107	103	99	90	86	83
09/29/94	Riser 1	E	TMACS	117	116	113	109	102	83
	Riser 10A	K	TMACS	107	103	99	90	86	83
09/30/94	Riser 1	E	TMACS	117	116	113	109	102	83
	Riser 10A	K	TMACS	107	103	100	91	86	83
10/01/94	Riser 1	E	TMACS	117	116	113	109	102	83
	Riser 10A	K	TMACS	107	104	100	91	86	84
10/02/94	Riser 1	E	TMACS	117	116	113	109	102	83
	Riser 10A	K	TMACS	106	103	99	90	86	84
10/03/94	Riser 1	E	TMACS	117	116	113	109	102	83
	Riser 10A	K	TMACS	107	103	100	91	86	83
10/04/94	Riser 1	E	TMACS	117	116	113	109	102	83
	Riser 10A	K	TMACS	107	104	100	90	86	83
10/05/94	Riser 1	E	TMACS	117	116	113	109	102	83
	Riser 10A	K	TMACS	107	103	100	90	86	83
10/06/94	Riser 1	E	TMACS	117	116	113	109	102	83
	Riser 10A	K	TMACS	107	103	100	90	86	84
10/07/94	Riser 1	E	TMACS	117	116	113	109	102	83
	Riser 10A	K	TMACS	107	104	100	90	86	84
10/08/94	Riser 1	E	TMACS	117	116	113	109	102	84
	Riser 10A	K	TMACS	107	103	100	90	86	83
10/09/94	Riser 1	E	TMACS	117	116	113	109	102	83
	Riser 10A	K	TMACS	107	103	100	90	86	83
10/10/94	Riser 1	E	TMACS	117	116	113	109	102	83
	Riser 10A	K	TMACS	107	104	100	90	86	84

83-102 83-86

TEMPERATURE PROFILE FOR
BY110
08/01/1994 - 10/19/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 98.750000 inches as of: 10/01/94

DATE	RISER		SOURCE	1	2	3	4	5	6
10/11/94	Riser 1	E	TMACS	117	116	113	109	102	83
	Riser 10A	K	TMACS	107	103	100	91	86	84
10/12/94	Riser 1	E	TMACS	117	116	113	109	102	84
	Riser 10A	K	TMACS	107	103	100	89	86	83
10/13/94	Riser 1	E	TMACS	117	116	113	109	102	84
	Riser 10A	K	TMACS	107	103	100	90	86	84
10/14/94	Riser 1	E	TMACS	117	116	113	109	103	84
	Riser 10A	K	TMACS	107	103	100	90	86	84
10/15/94	Riser 1	E	TMACS	117	116	113	109	102	83
	Riser 10A	K	TMACS	106	103	100	89	85	84
10/16/94	Riser 1	E	TMACS	117	116	113	109	103	83
	Riser 10A	K	TMACS	107	103	100	89	86	83
10/17/94	Riser 1	E	TMACS	117	116	113	109	102	83
	Riser 10A	K	TMACS	107	103	100	89	86	83
10/18/94	Riser 1	E	TMACS	117	116	113	109	102	83
	Riser 10A	K	TMACS	106	103	100	89	86	83
10/19/94	Riser 1	E	TMACS	117	116	113	109	102	84
	Riser 10A	K	TMACS	107	103	100	89	85	83

TEMPERATURE PROFILE FOR
BY111
08/01/1994 - 10/19/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 162.500000 inches as of: 10/01/94

DATE	RISER		SOURCE	1	2	3	4	5	6
08/01/94	Riser 1	K	TMACS	87					
	Riser 14	K	TMACS	83	81	77	71	72	73
08/02/94	Riser 1	K	TMACS	87					
	Riser 14	K	TMACS	82	81	78	71	72	73
08/03/94	Riser 1	K	TMACS	86					
	Riser 14	K	TMACS	83	81	78	72	72	73
08/04/94	Riser 1	K	TMACS	86					
	Riser 14	K	TMACS	83	81	78	71	72	73
08/05/94	Riser 1	K	TMACS	86					
	Riser 14	K	TMACS	83	81	78	72	73	73
08/06/94	Riser 1	K	TMACS	87					
	Riser 14	K	TMACS	83	81	78	72	73	73
08/07/94	Riser 1	K	TMACS	87					
	Riser 14	K	TMACS	82	81	78	72	73	74
08/08/94	Riser 1	K	TMACS	87					
	Riser 14	K	TMACS	82	81	78	72	73	73
08/09/94	Riser 1	K	TMACS	86					
	Riser 14	K	TMACS	83	81	78	72	73	74
08/10/94	Riser 1	K	TMACS	86					
	Riser 14	K	TMACS	83	81	78	73	73	74
08/11/94	Riser 1	K	TMACS	87					
	Riser 14	K	TMACS	83	81	79	73	74	74
08/12/94	Riser 1	K	TMACS	87					
	Riser 14	K	TMACS	82	81	78	73	73	74
08/13/94	Riser 1	K	TMACS	86					
	Riser 14	K	TMACS	82	81	78	72	73	73
08/14/94	Riser 1	K	TMACS	86					
	Riser 14	K	TMACS	83	81	78	73	73	74

TEMPERATURE PROFILE FOR
BY111
08/01/1994 - 10/19/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 162.500000 inches as of: 10/01/94

DATE	RISER	SOURCE	1	2	3	4	5	6
08/15/94	Riser 1	K TMACS	86					
	Riser 14	K TMACS	82	81	78	73	74	74
08/16/94	Riser 1	K TMACS	86					
	Riser 14	K TMACS	83	81	78	73	73	74
08/17/94	Riser 1	K TMACS	87					
	Riser 14	K TMACS	82	81	78	73	74	74
08/19/94	Riser 1	K TMACS	86					
	Riser 14	K TMACS	83	81	78	73	74	75
08/20/94	Riser 1	K TMACS	86					
	Riser 14	K TMACS	83	81	79	73	74	75
08/21/94	Riser 1	K TMACS	86					
	Riser 14	K TMACS	82	81	78	73	74	75
08/22/94	Riser 1	K TMACS	86					
	Riser 14	K TMACS	82	81	78	74	74	75
08/23/94	Riser 1	K TMACS	87					
	Riser 14	K TMACS	83	81	79	74	74	75
08/24/94	Riser 1	K TMACS	87					
	Riser 14	K TMACS	82	81	78	74	75	75
08/25/94	Riser 1	K TMACS	87					
	Riser 14	K TMACS	83	81	79	74	75	75
08/26/94	Riser 1	K TMACS	87					
	Riser 14	K TMACS	83	82	79	74	75	75
08/27/94	Riser 1	K TMACS	87					
	Riser 14	K TMACS	83	82	79	74	75	75
08/28/94	Riser 1	K TMACS	87					
	Riser 14	K TMACS	82	81	78	74	75	75
08/29/94	Riser 1	K TMACS	87					
	Riser 14	K TMACS	82	81	79	74	75	75

TEMPERATURE PROFILE FOR
BY111
08/01/1994 - 10/19/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 162.500000 inches as of: 10/01/94

DATE	RISER	SOURCE	1	2	3	4	5	6
08/30/94	Riser 1	K TMACS	87					
	Riser 14	K TMACS	83	81	79	74	75	75
08/31/94	Riser 1	K TMACS	86					
	Riser 14	K TMACS	83	81	79	74	75	75
09/01/94	Riser 1	K TMACS	86					
	Riser 14	K TMACS	82	81	79	75	75	76
09/02/94	Riser 1	K TMACS	86					
	Riser 14	K TMACS	82	81	79	74	75	75
09/03/94	Riser 1	K TMACS	87					
	Riser 14	K TMACS	83	81	79	75	75	76
09/04/94	Riser 1	K TMACS	86					
	Riser 14	K TMACS	83	81	80	75	76	76
09/05/94	Riser 1	K TMACS	86					
	Riser 14	K TMACS	83	81	79	75	75	76
09/06/94	Riser 1	K TMACS	86					
	Riser 14	K TMACS	82	81	79	75	76	76
09/07/94	Riser 1	K TMACS	86					
	Riser 14	K TMACS	83	81	80	75	76	76
09/08/94	Riser 1	K TMACS	86					
	Riser 14	K TMACS	82	81	79	75	76	76
09/09/94	Riser 1	K TMACS	87					
	Riser 14	K TMACS	83	81	79	75	76	76
09/10/94	Riser 1	K TMACS	86					
	Riser 14	K TMACS	83	82	79	75	76	76
09/11/94	Riser 1	K TMACS	86					
	Riser 14	K TMACS	83	81	79	75	76	76
09/12/94	Riser 1	K TMACS	86					
	Riser 14	K TMACS	82	81	79	75	76	76

TEMPERATURE FILE FOR
BY111
08/01/1994 - 10/19/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 162.500000 inches as of: 10/01/94

RISER 1 (feet)- - - -
RISER 14 (inches)- - - - 43 72 108 156 204 336

DATE	RISER		SOURCE	1	2	3	4	5	6
09/13/94	Riser 1	K	TMACS	87					
	Riser 14	K	TMACS	83	81	79	75	76	77
09/14/94	Riser 1	K	TMACS	86					
	Riser 14	K	TMACS	83	82	79	75	76	77
09/15/94	Riser 1	K	TMACS	87					
	Riser 14	K	TMACS	83	81	79	75	76	76
09/16/94	Riser 1	K	TMACS	86					
	Riser 14	K	TMACS	83	81	79	75	76	76
09/17/94	Riser 1	K	TMACS	87					
	Riser 14	K	TMACS	83	82	80	75	76	77
09/18/94	Riser 1	K	TMACS	87					
	Riser 14	K	TMACS	83	82	80	75	76	77
09/19/94	Riser 1	K	TMACS	86					
	Riser 14	K	TMACS	83	82	80	75	76	77
09/20/94	Riser 1	K	TMACS	86					
	Riser 14	K	TMACS	83	81	79	75	76	77
09/21/94	Riser 1	K	TMACS	87					
	Riser 14	K	TMACS	83	82	79	75	76	77
09/22/94	Riser 1	K	TMACS	86					
	Riser 14	K	TMACS	83	81	80	76	76	77
09/23/94	Riser 1	K	TMACS	86					
	Riser 14	K	TMACS	83	82	80	76	77	77
09/24/94	Riser 1	K	TMACS	87					
	Riser 14	K	TMACS	83	82	80	75	76	77
09/25/94	Riser 1	K	TMACS	87					
	Riser 14	K	TMACS	83	81	80	75	76	77
09/26/94	Riser 1	K	TMACS	86					
	Riser 14	K	TMACS	82	82	80	76	77	77

TEMPERATURE PROFILE FOR
BY111
08/01/1994 - 10/19/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 162.500000 inches as of: 10/01/94

DATE	RISER	SOURCE	1	2	3	4	5	6
09/27/94	Riser 1	K TMACS	87					
	Riser 14	K TMACS	83	82	80	76	76	77
09/28/94	Riser 1	K TMACS	87					
	Riser 14	K TMACS	83	82	79	76	76	77
09/29/94	Riser 1	K TMACS	86					
	Riser 14	K TMACS	83	82	79	76	77	77
09/30/94	Riser 1	K TMACS	87					
	Riser 14	K TMACS	83	81	80	76	77	77
10/01/94	Riser 1	K TMACS	86					
	Riser 14	K TMACS	83	82	80	76	77	77
10/02/94	Riser 1	K TMACS	86					
	Riser 14	K TMACS	82	82	80	76	77	77
10/03/94	Riser 1	K TMACS	86					
	Riser 14	K TMACS	83	82	80	76	77	78
10/04/94	Riser 1	K TMACS	86					
	Riser 14	K TMACS	83	81	80	76	77	77
10/05/94	Riser 1	K TMACS	86					
	Riser 14	K TMACS	83	81	80	76	76	77
10/06/94	Riser 1	K TMACS	86					
	Riser 14	K TMACS	83	81	80	76	77	77
10/07/94	Riser 1	K TMACS	86					
	Riser 14	K TMACS	83	82	80	77	77	78
10/08/94	Riser 1	K TMACS	87					
	Riser 14	K TMACS	83	82	80	76	77	77
10/09/94	Riser 1	K TMACS	86					
	Riser 14	K TMACS	83	82	80	76	77	78
10/10/94	Riser 1	K TMACS	86					
	Riser 14	K TMACS	82	81	80	76	77	78

TEMPERATURE PROFILE FOR
BY111
08/01/1994 - 10/19/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 162.500000 inches as of: 10/01/94

DATE	RISER	SOURCE	1	2	3	4	5	6
10/11/94	Riser 1	K TMACS	86					
	Riser 14	K TMACS	83	82	80	77	77	77
10/12/94	Riser 1	K TMACS	86					
	Riser 14	K TMACS	83	82	80	76	77	78
10/13/94	Riser 1	K TMACS	87					
	Riser 14	K TMACS	83	82	80	76	77	78
10/14/94	Riser 1	K TMACS	86					
	Riser 14	K TMACS	83	82	80	76	77	77
10/15/94	Riser 1	K TMACS	86					
	Riser 14	K TMACS	83	82	80	77	77	78
10/16/94	Riser 1	K TMACS	87					
	Riser 14	K TMACS	83	82	80	76	77	77
10/17/94	Riser 1	K TMACS	86					
	Riser 14	K TMACS	82	82	80	76	77	78
10/18/94	Riser 1	K TMACS	87					
	Riser 14	K TMACS	83	82	80	76	77	77
10/19/94	Riser 1	K TMACS	86					
	Riser 14	K TMACS	83	82	80	76	77	78

TEMPERATURE PROFILE FOR BY112
08/01/1994 - 10/19/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 113.250000 inches as of: 10/01/94

DATE	RISER		SOURCE	1	2	3	4	5	6
08/01/94	Riser 15	K	TMACS	82					
	Riser 2	K	TMACS	88	88	87	85	77	74
08/02/94	Riser 15	K	TMACS	82					
	Riser 2	K	TMACS	88	88	87	84	77	74
08/03/94	Riser 15	K	TMACS	82					
	Riser 2	K	TMACS	88	88	88	85	77	74
08/04/94	Riser 15	K	TMACS	82					
	Riser 2	K	TMACS	88	88	87	84	77	74
08/05/94	Riser 15	K	TMACS	82					
	Riser 2	K	TMACS	88	89	88	84	77	73
08/06/94	Riser 15	K	TMACS	82					
	Riser 2	K	TMACS	88	88	88	85	77	74
08/07/94	Riser 15	K	TMACS	82					
	Riser 2	K	TMACS	88	88	88	85	77	74
08/08/94	Riser 15	K	TMACS	82					
	Riser 2	K	TMACS	88	89	88	85	78	74
08/09/94	Riser 15	K	TMACS	82					
	Riser 2	K	TMACS	88	89	88	85	77	75
08/10/94	Riser 15	K	TMACS	82					
	Riser 2	K	TMACS	88	88	87	85	77	75
08/11/94	Riser 15	K	TMACS	82					
	Riser 2	K	TMACS	89	88	88	85	78	75
08/12/94	Riser 15	K	TMACS	82					
	Riser 2	K	TMACS	88	88	88	85	78	75
08/13/94	Riser 15	K	TMACS	82					
	Riser 2	K	TMACS	88	88	87	85	78	74
08/14/94	Riser 15	K	TMACS	82					
	Riser 2	K	TMACS	88	88	88	85	78	75

TEMPERATU, . ROFILE FOR BY112
08/01/1994 - 10/19/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 113.250000 inches as of: 10/01/94

DATE	RISER		SOURCE	1	2	3	4	5	6
08/15/94	Riser 15	K	TMACS	82					
	Riser 2	K	TMACS	88	89	87	85	77	75
08/16/94	Riser 15	K	TMACS	82					
	Riser 2	K	TMACS	88	88	87	84	77	75
08/17/94	Riser 15	K	TMACS	82					
	Riser 2	K	TMACS	88	88	88	85	78	75
08/19/94	Riser 15	K	TMACS	82					
	Riser 2	K	TMACS	88	88	88	85	78	75
08/20/94	Riser 15	K	TMACS	82					
	Riser 2	K	TMACS	88	88	88	85	78	75
08/21/94	Riser 15	K	TMACS	82					
	Riser 2	K	TMACS	88	88	88	85	78	75
08/22/94	Riser 15	K	TMACS	82					
	Riser 2	K	TMACS	88	88	88	85	78	75
08/23/94	Riser 15	K	TMACS	82					
	Riser 2	K	TMACS	88	89	88	86	78	76
08/24/94	Riser 15	K	TMACS	82					
	Riser 2	K	TMACS	88	89	88	85	78	76
08/25/94	Riser 15	K	TMACS	83					
	Riser 2	K	TMACS	88	89	88	86	78	76
08/26/94	Riser 15	K	TMACS	82					
	Riser 2	K	TMACS	88	88	88	86	78	76
08/27/94	Riser 15	K	TMACS	82					
	Riser 2	K	TMACS	88	89	88	85	79	76
08/28/94	Riser 15	K	TMACS	82					
	Riser 2	K	TMACS	88	89	88	85	78	76
08/29/94	Riser 15	K	TMACS	83					
	Riser 2	K	TMACS	88	88	88	85	79	76

TEMPERATURE PROFILE FOR
BY112
08/01/1994 - 10/19/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 113.250000 inches as of: 10/01/94

DATE	RISER	SOURCE	1	2	3	4	5	6
08/30/94	Riser 15	K TMACS	82					
	Riser 2	K TMACS	88	89	88	85	79	76
08/31/94	Riser 15	K TMACS	82					
	Riser 2	K TMACS	88	88	88	85	78	76
09/01/94	Riser 15	K TMACS	83					
	Riser 2	K TMACS	88	88	88	85	79	76
09/02/94	Riser 15	K TMACS	82					
	Riser 2	K TMACS	88	89	88	86	79	76
09/03/94	Riser 15	K TMACS	82					
	Riser 2	K TMACS	88	88	88	86	79	76
09/04/94	Riser 15	K TMACS	82					
	Riser 2	K TMACS	88	89	88	86	79	76
09/05/94	Riser 15	K TMACS	82					
	Riser 2	K TMACS	88	89	88	85	78	77
09/06/94	Riser 15	K TMACS	82					
	Riser 2	K TMACS	88	88	88	85	79	76
09/07/94	Riser 15	K TMACS	82					
	Riser 2	K TMACS	88	89	88	85	79	76
09/08/94	Riser 15	K TMACS	82					
	Riser 2	K TMACS	88	88	88	85	78	76
09/09/94	Riser 15	K TMACS	82					
	Riser 2	K TMACS	88	89	88	86	79	77
09/10/94	Riser 15	K TMACS	82					
	Riser 2	K TMACS	88	89	88	85	78	77
09/11/94	Riser 15	K TMACS	82					
	Riser 2	K TMACS	88	88	88	85	79	77
09/12/94	Riser 15	K TMACS	82					
	Riser 2	K TMACS	88	89	88	86	79	77

TEMPERATURE PROFILE FOR
BY112
08/01/1994 - 10/19/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 113.250000 inches as of: 10/01/94

RISER 15 LOW
RISER 2 (in)

DATE	RISER		SOURCE	5" 1	16" 2	40" 3	68" 4	104" 5	292" 6
09/13/94	Riser 15	K	TMACS	83					
	Riser 2	K	TMACS	88	89	88	86	79	77
09/14/94	Riser 15	K	TMACS	82					
	Riser 2	K	TMACS	88	88	88	86	79	77
09/15/94	Riser 15	K	TMACS	82					
	Riser 2	K	TMACS	88	89	88	86	80	77
09/16/94	Riser 15	K	TMACS	83					
	Riser 2	K	TMACS	88	89	88	86	79	77
09/17/94	Riser 15	K	TMACS	82					
	Riser 2	K	TMACS	88	89	88	86	79	77
09/18/94	Riser 15	K	TMACS	82					
	Riser 2	K	TMACS	88	89	89	86	80	77
09/19/94	Riser 15	K	TMACS	82					
	Riser 2	K	TMACS	88	88	88	86	79	77
09/20/94	Riser 2	K	TMACS	88	89	88	85	79	77
09/21/94	Riser 15	K	TMACS	83					
	Riser 2	K	TMACS	88	88	88	86	80	77
09/22/94	Riser 15	K	TMACS	84					
	Riser 2	K	TMACS	88	89	88	86	80	77
09/23/94	Riser 15	K	TMACS	83					
	Riser 2	K	TMACS	88	89	88	86	80	78
09/24/94	Riser 15	K	TMACS	104*					
	Riser 2	K	TMACS	88	89	89	86	80	78
09/25/94	Riser 15	K	TMACS	84					
	Riser 2	K	TMACS	89	89	88	86	80	78
09/26/94	Riser 15	K	TMACS	83					
	Riser 2	K	TMACS	88	89	88	86	80	77
09/27/94	Riser 15	K	TMACS	82					

TEMPERATURE PROFILE FOR
BY112
08/01/1994 - 10/19/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 113.250000 inches as of: 10/01/94

DATE	RISER	SOURCE	1	2	3	4	5	6
09/27/94	Riser 2	K TMACS	88	89	89	86	80	78
09/28/94	Riser 15	K TMACS	82					
	Riser 2	K TMACS	88	88	89	86	80	78
09/29/94	Riser 15	K TMACS	83					
	Riser 2	K TMACS	88	88	89	86	79	77
09/30/94	Riser 15	K TMACS	83					
	Riser 2	K TMACS	89	89	89	86	80	78
10/01/94	Riser 15	K TMACS	82					
	Riser 2	K TMACS	89	89	88	86	80	78
10/02/94	Riser 15	K TMACS	83					
	Riser 2	K TMACS	88	89	89	86	80	78
10/03/94	Riser 15	K TMACS	82					
	Riser 2	K TMACS	88	88	88	86	80	78
10/04/94	Riser 15	K TMACS	83					
	Riser 2	K TMACS	89	89	89	86	80	78
10/05/94	Riser 15	K TMACS	82					
	Riser 2	K TMACS	88	89	89	86	80	78
10/06/94	Riser 15	K TMACS	83					
	Riser 2	K TMACS	88	89	88	86	80	78
10/07/94	Riser 15	K TMACS	82					
	Riser 2	K TMACS	89	89	89	86	80	78
10/08/94	Riser 15	K TMACS	82					
	Riser 2	K TMACS	89	89	89	86	80	78
10/09/94	Riser 15	K TMACS	82					
	Riser 2	K TMACS	88	89	89	86	80	78
10/10/94	Riser 15	K TMACS	83					
	Riser 2	K TMACS	88	89	89	86	80	78
10/11/94	Riser 15	K TMACS	83					

TEMPERATURE PROFILE FOR
BY112
08/01/1994 - 10/19/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 113.250000 inches as of: 10/01/94

DATE	RISER	SOURCE	1	2	3	4	5	6
10/11/94	Riser 2	K TMACS	89	89	89	86	80	78
10/12/94	Riser 15	K TMACS	83					
	Riser 2	K TMACS	89	89	89	87	80	78
10/13/94	Riser 15	K TMACS	82					
	Riser 2	K TMACS	89	89	89	86	80	78
10/14/94	Riser 15	K TMACS	82					
	Riser 2	K TMACS	88	89	89	86	80	78
10/15/94	Riser 15	K TMACS	82					
	Riser 2	K TMACS	88	89	89	86	80	78
10/16/94	Riser 15	K TMACS	83					
	Riser 2	K TMACS	88	89	89	86	80	78
10/17/94	Riser 15	K TMACS	83					
	Riser 2	K TMACS	88	89	89	86	80	78
10/18/94	Riser 15	K TMACS	82					
	Riser 2	K TMACS	88	89	89	86	80	78
10/19/94	Riser 15	K TMACS	83					
	Riser 2	K TMACS	88	89	89	86	80	78

79-80 77-78

TEMPERATURE PROFILE FOR
C101
08/01/1994 - 10/19/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 25.000000 inches as of: 07/01/94

TC Height (inches from bottom)				16	40	64	88	112	136	160	184
DATE	RISER		SOURCE	1	2	3	4	5	6	7	8
08/10/94	Riser 2	J	MANUAL	91	91	91					91
08/24/94	Riser 2	J	TMACS	94	95	94					94
08/25/94	Riser 2	J	TMACS	94	94	95					95
08/26/94	Riser 2	J	TMACS	94	95	95					95
08/27/94	Riser 2	J	TMACS	94	95	95					95
08/28/94	Riser 2	J	TMACS	94	94	95					94
08/29/94	Riser 2	J	TMACS	94	95	95					95
08/30/94	Riser 2	J	TMACS	94	95	95					95
08/31/94	Riser 2	J	TMACS	94	95	95					95
09/01/94	Riser 2	J	TMACS	94	95	95					95
09/02/94	Riser 2	J	TMACS	94	95	95					95
09/03/94	Riser 2	J	TMACS	94	95	95					95
09/04/94	Riser 2	J	TMACS	95	95	95					96
09/05/94	Riser 2	J	TMACS	95	95	95					96
09/06/94	Riser 2	J	TMACS	95	95	95					95
09/07/94	Riser 2	J	TMACS	95	95	95					95
09/08/94	Riser 2	J	TMACS	95	95	95					95
09/09/94	Riser 2	J	TMACS	95	95	95					96
09/10/94	Riser 2	J	TMACS	95	95	95					96
09/11/94	Riser 2	J	TMACS	95	95	96					96
09/12/94	Riser 2	J	TMACS	95	95	96					95
09/13/94	Riser 2	J	TMACS	95	95	96					96
09/14/94	Riser 2	J	TMACS	95	96	96					96
09/15/94	Riser 2	J	TMACS	95	96	96					96
09/16/94	Riser 2	J	TMACS	95	96	96					95
09/17/94	Riser 2	J	TMACS	95	95	95					96
09/18/94	Riser 2	J	TMACS	95	95	96					96
09/19/94	Riser 2	J	TMACS	95	96	96					96

TEMPERATURE PROFILE FOR
C101
08/01/1994 - 10/19/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 25.000000 inches as of: 07/01/94

TC Height (inches from bottom)				16	40	64	88	112	136	160	184
DATE	RISER		SOURCE	1	2	3	4	5	6	7	8
09/20/94	Riser 2	J	TMACS	95	95	96					95
09/21/94	Riser 2	J	TMACS	95	95	96					95
09/22/94	Riser 2	J	TMACS	95	96	96					96
09/23/94	Riser 2	J	TMACS	96	96	96					96
09/24/94	Riser 2	J	TMACS	96	96	96					96
09/25/94	Riser 2	J	TMACS	96	96	96					96
09/26/94	Riser 2	J	TMACS	96	95	96					96
09/27/94	Riser 2	J	TMACS	95	96	96					96
09/28/94	Riser 2	J	TMACS	96	96	96					96
09/29/94	Riser 2	J	TMACS	96	95	95					96
09/30/94	Riser 2	J	TMACS	96	96	96					96
10/01/94	Riser 2	J	TMACS	96	96	96					96
10/02/94	Riser 2	J	TMACS	96	96	96					96
10/03/94	Riser 2	J	TMACS	96	96	96					96
10/04/94	Riser 2	J	TMACS	96	96	96					96
10/05/94	Riser 2	J	TMACS	96	96	96					96
10/06/94	Riser 2	J	TMACS	96	96	96					96
10/07/94	Riser 2	J	TMACS	96	96	96					96
10/08/94	Riser 2	J	TMACS	96	96	96					96
10/09/94	Riser 2	J	TMACS	96	96	96					96
10/10/94	Riser 2	J	TMACS	96	96	96					96
10/11/94	Riser 2	J	TMACS	96	96	96					96
10/12/94	Riser 2	J	TMACS	96	96	96					96
10/13/94	Riser 2	J	TMACS	96	96	96					96
10/14/94	Riser 2	J	TMACS	96	96	96					96
10/15/94	Riser 2	J	TMACS	96	96	96					96
10/16/94	Riser 2	J	TMACS	97	96	96					96
10/17/94	Riser 2	J	TMACS	96	96	96					96

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TEMPERATURE PROFILE FOR
C101
08/01/1994 - 10/19/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 25.000000 inches as of: 07/01/94

TC Height (inches from bottom)				16	40	64	88	112	136	160	184
DATE	RISER		SOURCE	1	2	3	4	5	6	7	8
10/18/94	Riser 2	J	TMACS	96	96	96					96
10/19/94	Riser 2	J	TMACS	96	96	96					96

TEMPERATURE PROFILE FOR
C102
08/01/1994 - 10/19/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 148.700000 inches as of: 10/01/94

TC Height (inches from bottom)				16	40	64	88	112	136	160	184	208	256	304
DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10	11
08/03/94	Riser 7	J	MANUAL	79	79	79	78	76	76	77	76			
08/10/94	Riser 7	J	MANUAL	81	80	80	79	78	78	78	78			
08/17/94	Riser 7	J	MANUAL	98*	95*	96*	96*	96*	96*	97*	96*	100*	101*	101*
08/24/94	Riser 7	J	TMACS	83	83	84	84	78	79	79	79			
08/25/94	Riser 7	J	TMACS	84	83	84	84	78	79	79	79			
08/26/94	Riser 7	J	TMACS	84	84	84	84	78	79	79	80			
08/27/94	Riser 7	J	TMACS	84	84	84	84	79	79	79	80			
08/28/94	Riser 7	J	TMACS	83	83	83	84	78	79	79	80			
08/29/94	Riser 7	J	TMACS	83	84	84	84	79	79	79	80			
08/30/94	Riser 7	J	TMACS	83	84	84	84	79	79	80	80			
08/31/94	Riser 7	J	TMACS	83	84	84	85	78	79	79	80			
09/01/94	Riser 7	J	TMACS	84	84	84	84	78	79	79	80			
09/02/94	Riser 7	J	TMACS	84	84	84	84	79	79	79	80			
09/03/94	Riser 7	J	TMACS	83	84	84	84	79	79	79	80			
09/04/94	Riser 7	J	TMACS	84	84	84	85	79	80	80	80			
09/05/94	Riser 7	J	TMACS	84	84	84	85	79	79	80	80			
09/06/94	Riser 7	J	TMACS	84	84	84	85	78	79	80	80			
09/07/94	Riser 7	J	TMACS	83	84	84	84	79	80	80	80			
09/08/94	Riser 7	J	TMACS	84	84	84	84	79	79	80	80			
09/09/94	Riser 7	J	TMACS	84	84	84	85	79	80	80	80			
09/10/94	Riser 7	J	TMACS	84	84	84	85	79	80	80	80			
09/11/94	Riser 7	J	TMACS	84	84	85	85	80	80	80	81			
09/12/94	Riser 7	J	TMACS	84	84	84	85	79	80	80	80			
09/13/94	Riser 7	J	TMACS	84	84	84	85	79	80	80	81			
09/14/94	Riser 7	J	TMACS	84	84	84	85	79	80	80	81			
09/15/94	Riser 7	J	TMACS	84	84	84	85	79	80	80	80			
09/16/94	Riser 7	J	TMACS	84	84	85	86	80	80	80	80			
09/17/94	Riser 7	J	TMACS	83	84	84	85	80	80	80	80			

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TEMPERATURE PROFILE FOR
C102
08/01/1994 - 10/19/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 148.700000 inches as of: 10/01/94

TC Height (inches from bottom)				16	40	64	88	112	136	160	184	208	256	304
DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10	11
09/18/94	Riser 7	J	TMACS	84	84	84	85	80	80	80	80			
09/19/94	Riser 7	J	TMACS	84	84	84	85	79	80	80	80			
09/20/94	Riser 7	J	TMACS	84	84	84	85	80	80	80	81			
09/21/94	Riser 7	J	TMACS	84	84	84	85	79	80	80	81			
09/22/94	Riser 7	J	TMACS	84	84	84	85	80	80	80	81			
09/23/94	Riser 7	J	TMACS	84	84	85	86	79	80	80	81			
09/24/94	Riser 7	J	TMACS	84	84	85	86	80	80	80	81			
09/25/94	Riser 7	J	TMACS	84	84	85	85	79	80	80	81			
09/26/94	Riser 7	J	TMACS	84	84	84	86	79	80	80	81			
09/27/94	Riser 7	J	TMACS	84	84	85	85	80	80	80	81			
09/28/94	Riser 7	J	TMACS	84	84	85	85	80	80	80	81			
09/29/94	Riser 7	J	TMACS	84	84	84	85	80	80	80	81			
09/30/94	Riser 7	J	TMACS	84	84	85	85	80	80	80	81			
10/01/94	Riser 7	J	TMACS	84	85	85	86	80	80	81	81			
10/02/94	Riser 7	J	TMACS	84	84	85	86	80	80	80	81			
10/03/94	Riser 7	J	TMACS	84	84	85	86	80	80	81	81			
10/04/94	Riser 7	J	TMACS	84	85	85	86	80	81	81	81			
10/05/94	Riser 7	J	TMACS	84	85	85	86	80	80	81	81			
10/06/94	Riser 7	J	TMACS	84	84	85	86	80	80	81	81			
10/07/94	Riser 7	J	TMACS	84	84	85	86	80	80	81	81			
10/08/94	Riser 7	J	TMACS	85	84	85	86	80	81	81	81			
10/09/94	Riser 7	J	TMACS	84	84	85	86	80	80	81	81			
10/10/94	Riser 7	J	TMACS	84	85	85	86	80	80	81	81			
10/11/94	Riser 7	J	TMACS	84	85	85	86	80	80	81	81			
10/12/94	Riser 7	J	TMACS	85	85	86	86	80	80	81	81			
10/13/94	Riser 7	J	TMACS	85	85	85	86	80	81	81	81			
10/14/94	Riser 7	J	TMACS	84	84	86	86	80	80	81	81			
10/15/94	Riser 7	J	TMACS	84	85	85	86	80	80	81	81			

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TEMPERATURE PROFILE FOR
C102
08/01/1994 - 10/19/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 148.700000 inches as of: 10/01/94

	TC Height (inches from bottom)			16	40	64	88	112	136	160	184	208	256	304
DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10	11
10/16/94	Riser 7	J	TMACS	85	85	86	86	80	80	81	81			
10/17/94	Riser 7	J	TMACS	84	85	85	86	80	80	81	81			
10/18/94	Riser 7	J	TMACS	84	85	85	86	80	80	81	81			
10/19/94	Riser 7	J	TMACS	85	85	86	86	80	80	81	81			

TEMPERATURE PROFILE FOR
C103
08/01/1994 - 10/19/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 67.030000 inches as of: 10/16/94

	TC Height (inches from bottom)			15	38	62	86	110	192
DATE	RISER		SOURCE	1	2	3	4	5	6
08/03/94	Riser 1	E	MANUAL	118	118	109			105
08/10/94	Riser 1	E	MANUAL	116	117	108			103
08/17/94	Riser 1	E	MANUAL	119	119	110			106
08/24/94	Riser 1	E	TMACS	120	120	111			107
08/25/94	Riser 1	E	TMACS	120	120	111			107
08/26/94	Riser 1	E	TMACS	121	120	111			107
08/27/94	Riser 1	E	TMACS	121	120	112			108
08/28/94	Riser 1	E	TMACS	121	120	112			107
08/29/94	Riser 1	E	TMACS	121	120	112			107
08/30/94	Riser 1	E	TMACS	121	121	112			108
08/31/94	Riser 1	E	TMACS	121	121	112			108
09/01/94	Riser 1	E	TMACS	121	121	112			108
09/02/94	Riser 1	E	TMACS	121	121	112			108
09/03/94	Riser 1	E	TMACS	121	121	112			108
09/04/94	Riser 1	E	TMACS	121	121	112			108
09/05/94	Riser 1	E	TMACS	121	121	112			108
09/06/94	Riser 1	E	TMACS	121	121	112			108
09/07/94	Riser 1	E	TMACS	122	122	113			108
09/08/94	Riser 1	E	TMACS	122	121	112			108
09/09/94	Riser 1	E	TMACS	122	122	112			108
09/10/94	Riser 1	E	TMACS	122	122	113			108
09/11/94	Riser 1	E	TMACS	122	121	113			108
09/12/94	Riser 1	E	TMACS	121	122	113			108
09/13/94	Riser 1	E	TMACS	122	122	113			108
09/14/94	Riser 1	E	TMACS	121	122	113			108
09/15/94	Riser 1	E	TMACS	122	122	113			108
09/16/94	Riser 1	E	TMACS	122	122	113			109
09/17/94	Riser 1	E	TMACS	121	122	113			108

TEMPERATURE PROFILE FOR
C103
08/01/1994 - 10/19/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 67.030000 inches as of: 10/16/94

	TC Height (inches from bottom)			15	38	62	86	110	192
DATE	RISER		SOURCE	1	2	3	4	5	6
09/18/94	Riser 1	E	TMACS	122	122	113			108
09/19/94	Riser 1	E	TMACS	122	122	113			108
09/20/94	Riser 1	E	TMACS	122	122	113			109
09/21/94	Riser 1	E	TMACS	122	122	113			109
09/22/94	Riser 1	E	TMACS	122	122	113			108
09/23/94	Riser 1	E	TMACS	122	122	113			108
09/24/94	Riser 1	E	TMACS	122	122	113			108
09/25/94	Riser 1	E	TMACS	122	122	113			108
09/26/94	Riser 1	E	TMACS	122	122	113			109
09/27/94	Riser 1	E	TMACS	122	122	113			109
09/28/94	Riser 1	E	TMACS	122	122	113			109
09/29/94	Riser 1	E	TMACS	122	122	113			108
09/30/94	Riser 1	E	TMACS	122	122	113			109
10/01/94	Riser 1	E	TMACS	122	122	113			108
10/02/94	Riser 1	E	TMACS	122	122	114			109
10/03/94	Riser 1	E	TMACS	122	122	113			109
10/04/94	Riser 1	E	TMACS	123	122	113			109
10/05/94	Riser 1	E	TMACS	122	122	113			108
10/06/94	Riser 1	E	TMACS	123	123	114			109
10/07/94	Riser 1	E	TMACS	122	123	114			109
10/08/94	Riser 1	E	TMACS	122	122	113			108
10/09/94	Riser 1	E	TMACS	123	123	114			108
10/10/94	Riser 1	E	TMACS	123	123	114			109
10/11/94	Riser 1	E	TMACS	122	122	113			109
10/12/94	Riser 1	E	TMACS	123	123	114			109
10/13/94	Riser 1	E	TMACS	122	122	113			109
10/14/94	Riser 1	E	TMACS	122	122	113			108
10/15/94	Riser 1	E	TMACS	123	123	114			108

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TEMPERATURE PROFILE FOR
C103
08/01/1994 - 10/19/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 67.030000 inches as of: 10/16/94

TC Height (inches from bottom)				15	38	62	86	110	192
DATE	RISER		SOURCE	1	2	3	4	5	6
10/16/94	Riser 1	E	TMACS	123	122	113			108
10/17/94	Riser 1	E	TMACS	123	122	114			108
10/18/94	Riser 1	E	TMACS	122	122	114			109
10/19/94	Riser 1	E	TMACS	122	123	113			108

TEMPERATURE PROFILE FOR
C104
08/01/1994 - 10/19/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 87.500000 inches as of: 10/11/94

TC Height (inches from bottom)				16	40	64	88	112	136	160	184
DATE	RISER		SOURCE	1	2	3	4	5	6	7	8
08/01/94	Riser 7	J	TMACS	97		96			90		91
08/02/94	Riser 7	J	TMACS	97		97			91		91
08/03/94	Riser 7	J	TMACS	97		96			91		91
08/04/94	Riser 7	J	TMACS	97		97			91		91
08/05/94	Riser 7	J	TMACS	97		97			91		92
08/06/94	Riser 7	J	TMACS	97		97			91		91
08/07/94	Riser 7	J	TMACS	97		97			91		91
08/08/94	Riser 7	J	TMACS	97		97			92		92
08/09/94	Riser 7	J	TMACS	97		97			92		92
08/10/94	Riser 7	J	TMACS	98		97			92		92
08/11/94	Riser 7	J	TMACS	97		97			92		92
08/12/94	Riser 7	J	TMACS	97		97			92		92
08/13/94	Riser 7	J	TMACS	98		97			92		92
08/14/94	Riser 7	J	TMACS	98		97			92		92
08/15/94	Riser 7	J	TMACS	98		98			92		92
08/16/94	Riser 7	J	TMACS	98		97			92		93
08/17/94	Riser 7	J	TMACS	98		98			93		92
08/18/94	Riser 7	J	TMACS	98		98			93		93
08/19/94	Riser 7	J	TMACS	98		97			92		93
08/20/94	Riser 7	J	TMACS	98		98			93		93
08/21/94	Riser 7	J	TMACS	98		98			93		93
08/22/94	Riser 7	J	TMACS	98		98			93		93
08/23/94	Riser 7	J	TMACS	98		98			93		93
08/24/94	Riser 7	J	TMACS	98		98			93		93
08/25/94	Riser 7	J	TMACS	98		98			93		93
08/26/94	Riser 7	J	TMACS	98		98			93		93
08/27/94	Riser 7	J	TMACS	98		98			93		94
08/28/94	Riser 7	J	TMACS	98		98			94		94

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TEMPERATURE PROFILE FOR C104
08/01/1994 - 10/19/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 87.500000 inches as of: 10/11/94

TC Height (inches from bottom)				16	40	64	88	112	136	160	184
DATE	RISER		SOURCE	1	2	3	4	5	6	7	8
08/29/94	Riser 7	J	TMACS	98		98			93		94
08/30/94	Riser 7	J	TMACS	98		98			93		93
08/31/94	Riser 7	J	TMACS	98		98			93		94
09/01/94	Riser 7	J	TMACS	98		98			94		94
09/02/94	Riser 7	J	TMACS	98		98			93		94
09/03/94	Riser 7	J	TMACS	99		99			94		94
09/04/94	Riser 7	J	TMACS	99		99			94		94
09/05/94	Riser 7	J	TMACS	98		98			94		94
09/06/94	Riser 7	J	TMACS	98		98			94		94
09/07/94	Riser 7	J	TMACS	99		98			94		95
09/08/94	Riser 7	J	TMACS	98		98			94		94
09/09/94	Riser 7	J	TMACS	99		99			94		95
09/10/94	Riser 7	J	TMACS	99		99			94		94
09/11/94	Riser 7	J	TMACS	99		99			94		95
09/12/94	Riser 7	J	TMACS	99		99			94		94
09/13/94	Riser 7	J	TMACS	99		99			94		94
09/14/94	Riser 7	J	TMACS	99		99			95		95
09/15/94	Riser 7	J	TMACS	99		99			94		95
09/16/94	Riser 7	J	TMACS	99		99			95		94
09/17/94	Riser 7	J	TMACS	99		99			94		95
09/18/94	Riser 7	J	TMACS	99		99			95		95
09/19/94	Riser 7	J	TMACS	99		99			95		95
09/20/94	Riser 7	J	TMACS	99		99			94		95
09/21/94	Riser 7	J	TMACS	99		99			94		95
09/22/94	Riser 7	J	TMACS	99		99			94		95
09/23/94	Riser 7	J	TMACS	99		99			94		95
09/24/94	Riser 7	J	TMACS	99		99			94		95
09/25/94	Riser 7	J	TMACS	99		100			95		95

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TEMPERATU ROFILE FOR
C104
08/01/1994 - 10/19/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 87.500000 inches as of: 10/11/94

	TC Height (inches from bottom)			16	40	64	88	112	136	160	184
DATE	RISER		SOURCE	1	2	3	4	5	6	7	8
09/26/94	Riser 7	J	TMACS	99		99			95		95
09/27/94	Riser 7	J	TMACS	99		100			95		95
09/28/94	Riser 7	J	TMACS	99		99			95		95
09/29/94	Riser 7	J	TMACS	99		99			94		95
09/30/94	Riser 7	J	TMACS	99		99			95		95
10/01/94	Riser 7	J	TMACS	99		100			95		95
10/02/94	Riser 7	J	TMACS	100		100			95		95
10/03/94	Riser 7	J	TMACS	100		100			95		95
10/04/94	Riser 7	J	TMACS	99		99			95		95
10/05/94	Riser 7	J	TMACS	100		100			95		95
10/06/94	Riser 7	J	TMACS	100		100			95		95
10/07/94	Riser 7	J	TMACS	99		100			95		95
10/08/94	Riser 7	J	TMACS	99		100			95		95
10/09/94	Riser 7	J	TMACS	99		99			95		95
10/10/94	Riser 7	J	TMACS	100		100			95		95
10/11/94	Riser 7	J	TMACS	99		100			95		95
10/12/94	Riser 7	J	TMACS	100		100			95		95
10/13/94	Riser 7	J	TMACS	100		100			95		95
10/14/94	Riser 7	J	TMACS	100		100			95		95
10/15/94	Riser 7	J	TMACS	99		100			95		95
10/16/94	Riser 7	J	TMACS	100		100			94		95
10/17/94	Riser 7	J	TMACS	100		100			95		95
10/18/94	Riser 7	J	TMACS	100		100			95		95
10/19/94	Riser 7	J	TMACS	99		100			95		95

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TEMPERATURE PROFILE FOR
C105
08/01/1994 - 10/19/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 44.700000 inches as of: 10/17/94

	TC Height (inches from bottom)			14	38	62	86	110	192
DATE	RISER		SOURCE	1	2	3	4	5	6
08/01/94	Riser 1	E	TMACS	92	92	88			88
08/02/94	Riser 1	E	TMACS	92	92	88			88
08/03/94	Riser 1	E	TMACS	92	92	89			89
08/04/94	Riser 1	E	TMACS	92	93	89			89
08/05/94	Riser 1	E	TMACS	92	93	88			89
08/06/94	Riser 1	E	TMACS	93	93	87			88
08/07/94	Riser 1	E	TMACS	93	93	87			89
08/08/94	Riser 1	E	TMACS	93	93	87			89
08/09/94	Riser 1	E	TMACS	93	92	86			88
08/10/94	Riser 1	E	TMACS	93	92	87			88
08/11/94	Riser 1	E	TMACS	93	93	88			89
08/12/94	Riser 1	E	TMACS	93	93	88			89
08/13/94	Riser 1	E	TMACS	94	93	89			90
08/14/94	Riser 1	E	TMACS	94	94	89			90
08/15/94	Riser 1	E	TMACS	94	93	88			90
08/16/94	Riser 1	E	TMACS	93	93	87			89
08/17/94	Riser 1	E	TMACS	94	94	87			89
08/18/94	Riser 1	E	TMACS	93	94	87			89
08/19/94	Riser 1	E	TMACS	94	94	87			90
08/20/94	Riser 1	E	TMACS	94	93	87			89
08/21/94	Riser 1	E	TMACS	94	93	87			89
08/22/94	Riser 1	E	TMACS	94	93	86			89
08/23/94	Riser 1	E	TMACS	94	93	86			89
08/24/94	Riser 1	E	TMACS	94	93	86			89
08/25/94	Riser 1	E	TMACS	94	93	87			89
08/26/94	Riser 1	E	TMACS	94	93	86			89
08/27/94	Riser 1	E	TMACS	94	93	86			88
08/28/94	Riser 1	E	TMACS	94	93	87			89

TEMPERATUR ROFILE FOR
C105
08/01/1994 - 10/19/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 44.700000 inches as of: 10/17/94

	TC Height (inches from bottom)			14	38	62	86	110	192
DATE	RISER		SOURCE	1	2	3	4	5	6
08/29/94	Riser 1	E	TMACS	94	93	87			89
08/30/94	Riser 1	E	TMACS	94	93	87			89
08/31/94	Riser 1	E	TMACS	95	94	87			89
09/01/94	Riser 1	E	TMACS	95	93	87			89
09/02/94	Riser 1	E	TMACS	94	94	87			89
09/03/94	Riser 1	E	TMACS	95	93	87			89
09/04/94	Riser 1	E	TMACS	95	93	85			89
09/05/94	Riser 1	E	TMACS	94	93	85			88
09/06/94	Riser 1	E	TMACS	95	93	86			88
09/07/94	Riser 1	E	TMACS	95	94	87			89
09/08/94	Riser 1	E	TMACS	95	94	87			89
09/09/94	Riser 1	E	TMACS	95	94	86			89
09/10/94	Riser 1	E	TMACS	95	93	85			88
09/11/94	Riser 1	E	TMACS	95	93	85			88
09/12/94	Riser 1	E	TMACS	95	93	84			88
09/13/94	Riser 1	E	TMACS	95	93	85			88
09/14/94	Riser 1	E	TMACS	95	93	86			88
09/15/94	Riser 1	E	TMACS	94	93	85			88
09/16/94	Riser 1	E	TMACS	95	93	85			88
09/17/94	Riser 1	E	TMACS	95	93	86			89
09/18/94	Riser 1	E	TMACS	95	94	86			89
09/19/94	Riser 1	E	TMACS	95	93	86			88
09/20/94	Riser 1	E	TMACS	95	94	87			89
09/21/94	Riser 1	E	TMACS	95	94	88			89
09/22/94	Riser 1	E	TMACS	95	94	86			89
09/23/94	Riser 1	E	TMACS	95	94	86			88
09/24/94	Riser 1	E	TMACS	95	94	86			89
09/25/94	Riser 1	E	TMACS	95	94	87			89

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TEMPERATURE PROFILE FOR
C105
08/01/1994 - 10/19/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 44.700000 inches as of: 10/17/94

	TC Height (inches from bottom)			14	38	62	86	110	192
DATE	RISER		SOURCE	1	2	3	4	5	6
09/26/94	Riser 1	E	TMACS	95	94	87			89
09/27/94	Riser 1	E	TMACS	95	94	87			89
09/28/94	Riser 1	E	TMACS	95	93	86			88
09/29/94	Riser 1	E	TMACS	96	94	86			89
09/30/94	Riser 1	E	TMACS	95	94	85			88
10/01/94	Riser 1	E	TMACS	95	94	85			88
10/02/94	Riser 1	E	TMACS	95	93	85			88
10/03/94	Riser 1	E	TMACS	95	93	83			87
10/04/94	Riser 1	E	TMACS	96	93	84			87
10/05/94	Riser 1	E	TMACS	96	93	83			87
10/06/94	Riser 1	E	TMACS	95	93	84			87
10/07/94	Riser 1	E	TMACS	95	93	84			87
10/08/94	Riser 1	E	TMACS	95	93	83			87
10/09/94	Riser 1	E	TMACS	95	93	83			87
10/10/94	Riser 1	E	TMACS	95	93	84			87
10/11/94	Riser 1	E	TMACS	95	93	83			87
10/12/94	Riser 1	E	TMACS	95	92	82			86
10/13/94	Riser 1	E	TMACS	95	92	82			86
10/14/94	Riser 1	E	TMACS	95	92	82			86
10/15/94	Riser 1	E	TMACS	95	92	80			85
10/16/94	Riser 1	E	TMACS	95	91	81			85
10/17/94	Riser 1	E	TMACS	95	91	81			85
10/18/94	Riser 1	E	TMACS	95	91	82			85
10/19/94	Riser 1	E	TMACS	95	91	81			85

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91-94
81-87
81-88
94-81
85-89

TEMPERATURE PROFILE FOR C106
08/01/1994 - 10/19/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 75.700000 inches as of: 10/17/94

DATE	RISER		SOURCE	1	2	3	4	5	6	7	8
08/01/94	Riser 8	E	TMACS	161	145	121	100	85	84		
	Riser 14	J	TMACS	214	163	134	95	82	82		83
08/02/94	Riser 8	E	TMACS	160	145	121	100	86	85		
	Riser 14	J	TMACS	216	167	133	96	83	83		84
08/03/94	Riser 8	E	TMACS	161	145	121	101	87	86		
	Riser 14	J	TMACS	214	164	133	95	84	84		85
08/04/94	Riser 8	E	TMACS	161	146	122	102	87	87		
	Riser 14	J	TMACS	214	164	135	96	84	84		85
08/05/94	Riser 8	E	TMACS	162	146	122	101	87	89		
	Riser 14	J	TMACS	212	163	137	96	84	85		86
08/06/94	Riser 8	E	MANUAL	159	144	119	97	82	83		
	Riser 8	E	TMACS	161	145	121	99	85	87		
	Riser 14	J	MANUAL	188	149	137	95	83	82		83
	Riser 14	J	TMACS	212	161	138	95	82	83		84
08/07/94	Riser 8	E	TMACS	161	145	121	98	85	87		
	Riser 14	J	TMACS	195	163	143	91	82	83		84
08/07/94	Riser 8	E	MANUAL	157	141	117	95	81	82		
	Riser 14	J	MANUAL	198	158	135	89	80	80		81
08/07/94	Riser 8	E	MANUAL	155	140	166*	94	81	82		
	Riser 14	J	MANUAL	200	154	132	88	80	80		80
08/08/94	Riser 8	E	MANUAL	158	143	119	97	81	82		
	Riser 8	E	TMACS	161	146	122	99	85	87		
	Riser 14	J	MANUAL	197	161	143	90	80	80		81
	Riser 14	J	TMACS	208	171	146	92	83	83		84
08/09/94	Riser 8	E	TMACS	162	145	121	99	84	86		
	Riser 14	J	TMACS	205	172	148	91	82	82		83
08/10/94	Riser 8	E	TMACS	161	145	121	98	83	86		
	Riser 14	J	TMACS	210	174	151	89	81	82		83

TEMPERATURE PROFILE FOR C106
08/01/1994 - 10/19/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 75.700000 inches as of: 10/17/94

DATE	RISER		SOURCE	1	2	3	4	5	6	7	8
08/11/94	Riser 8	E	TMACS	162	145	120	98	85	87		
	Riser 14	J	TMACS	204	170	149	89	82	83		84
08/12/94	Riser 8	E	TMACS	162	146	121	99	86	88		
	Riser 14	J	TMACS	204	164	142	89	83	83		84
08/13/94	Riser 8	E	TMACS	162	146	121	99	87	88		
	Riser 14	J	TMACS	189	162	137	92	84	84		85
08/14/94	Riser 8	E	TMACS	162	146	122	99	88	89		
	Riser 14	J	TMACS	200	185	151	92	85	85		86
08/15/94	Riser 8	E	TMACS	162	146	121	100	87	89		
	Riser 14	J	TMACS	171	151	135	93	85	85		86
08/16/94	Riser 8	E	TMACS	163	147	121	98	86	88		
	Riser 14	J	TMACS	187	165	143	90	84	84		85
08/17/94	Riser 8	E	TMACS	163	146	121	98	85	87		
	Riser 14	J	TMACS	197	162	141	89	83	84		85
08/18/94	Riser 8	E	TMACS	163	146	122	98	85	88		
	Riser 14	J	TMACS	172	147	128	90	83	84		85
08/19/94	Riser 8	E	TMACS	163	146	121	97	85	87		
	Riser 14	J	TMACS	173	148	135	88	83	84		84
08/20/94	Riser 8	E	TMACS	163	146	121	97	85	87		
	Riser 14	J	TMACS	186	163	140	88	83	84		84
08/21/94	Riser 8	E	TMACS	163	146	120	96	84	87		
	Riser 14	J	TMACS	170	147	135	88	82	83		84
08/22/94	Riser 8	E	TMACS	163	146	120	96	84	86		
	Riser 14	J	TMACS	174	153	137	87	82	82		84
08/23/94	Riser 8	E	TMACS	163	147	120	96	84	86		
	Riser 14	J	TMACS	190	174	140	88	82	82		83
08/24/94	Riser 8	E	TMACS	163	146	120	95	84	86		
	Riser 14	J	TMACS	164	138	129	87	82	152*		84

TEMPERATURE PROFILE FOR C106
08/01/1994 - 10/19/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 75.700000 inches as of: 10/17/94

DATE	RISER	SOURCE	1	2	3	4	5	6	7	8
08/25/94	Riser 8 E	TMACS	163	146	120	95	85	87		
	Riser 14 J	TMACS	171	149	136	86	82			84
08/26/94	Riser 8 E	TMACS	163	146	119	95	84	86		
	Riser 14 J	TMACS	191	156	133	86	82	5930*		84
08/27/94	Riser 8 E	TMACS	163	145	120	95	84	86		
	Riser 14 J	TMACS	163	132	120	86	82	83		84
08/28/94	Riser 8 E	TMACS	164	146	120	95	85	87		
	Riser 14 J	TMACS	172	143	130	86	83	83		84
08/29/94	Riser 8 E	TMACS	163	146	120	96	85	87		
	Riser 14 J	TMACS	177	175	126	87	83	84		85
08/30/94	Riser 8 E	TMACS	163	146	120	95	85	87		
	Riser 14 J	TMACS	173	161	118	87	83	83		84
08/31/94	Riser 8 E	TMACS	163	146	120	95	85	87		
	Riser 14 J	TMACS	174	127	110	87	84	84		85
09/01/94	Riser 8 E	TMACS	164	146	120	96	86	88		
	Riser 14 J	TMACS	140	120	106	86	84	84		85
09/02/94	Riser 8 E	TMACS	164	146	120	96	86	87		
	Riser 14 J	TMACS	149	120	110	86	84	84		85
09/03/94	Riser 8 E	TMACS	163	146	120	95	85	87		
	Riser 14 J	TMACS	154	126	105	86	83	84		85
09/04/94	Riser 8 E	TMACS	163	146	120	95	84	86		
	Riser 14 J	TMACS	145	121	105	86	82	83		84
09/05/94	Riser 8 E	TMACS	163	146	120	95	84	86		
	Riser 14 J	TMACS	135	113	104	86	82	83		84
09/06/94	Riser 8 E	TMACS	164	146	120	95	85	87		
	Riser 14 J	TMACS	133	113	99	86	83	83		85
09/07/94	Riser 8 E	TMACS	164	147	121	96	86	88		
	Riser 14 J	TMACS	130	112	96	87	84	84		85

TEMPERATURE PROFILE FOR
C106
08/01/1994 - 10/19/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 75.700000 inches as of: 10/17/94

Riser 14 (inches) - - - - 16 40 64 88 112 136 184
Riser 8 (inches) - - - - - - 15 38 62 86 110 192

DATE	RISER		SOURCE	1	2	3	4	5	6	7	8
09/08/94	Riser 8	E	TMACS	164	146	120	97	86	89—		
	Riser 14	J	TMACS	131	112	101	87	84	85		86
09/09/94	Riser 8	E	TMACS	164	147	120	97	86	88—		
	Riser 14	J	TMACS	128	110	100	87	84	84		86
09/10/94	Riser 8	E	TMACS	164	147	120	94	81	83		
	Riser 14	J	TMACS	130	115	107	91	79	79		81
09/11/94	Riser 8	E	TMACS	164	146	120	93	81	83		
	Riser 14	J	TMACS	134	118	109	91	79	79		81
09/12/94	Riser 8	E	TMACS	164	146	120	93	81	83		
	Riser 14	J	TMACS	137	121	112	91	79	80		81
09/13/94	Riser 8	E	TMACS	164	146	119	93	82	84		
	Riser 14	J	TMACS	136	118	106	86	80	80		82
09/14/94	Riser 8	E	TMACS	164	146	120	93	80	82		
	Riser 14	J	TMACS	133	119	110	90	78	78		(80)
09/15/94	Riser 8	E	TMACS	164	147	120	94	81	83		
	Riser 14	J	TMACS	137	124	115	92	79	79		80
09/16/94	Riser 8	E	TMACS	164	146	120	95	80	82		
	Riser 14	J	TMACS	140	126	118	93	77	78		78
09/17/94	Riser 8	E	TMACS	164	147	121	97	82	83		
	Riser 14	J	TMACS	142	127	119	96	79	79		80
09/18/94	Riser 8	E	TMACS	165	147	122	97	82	83		
	Riser 14	J	TMACS	145	130	122	97	79	79		80
09/19/94	Riser 8	E	TMACS	165	147	121	97	83	84		
	Riser 14	J	TMACS	147	129	122	96	80	80		81
09/20/94	Riser 8	E	TMACS	164	147	122—	97—	83	82		
	Riser 14	J	TMACS	148	131	123 X	97 X	80	(80)		81
09/21/94	Riser 8	E	TMACS	165	147	122—	96—	83	82		
	Riser 14	J	TMACS	148	131	123 X	97 X	80	81		81

—122 —96-97
X 123 X 96-97

TEMPERATURE PROFILE FOR C106
08/01/1994 - 10/19/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 75.700000 inches as of: 10/17/94

DATE	RISER		SOURCE	1	2	3	4	5	6	7	8
09/22/94	Riser 8	E	TMACS	165	147	122	96	81	81		
	Riser 14	J	TMACS	150	132	124	97	78	79		80
09/23/94	Riser 8	E	TMACS	165	147	121	95	81	80		
	Riser 14	J	TMACS	149	131	123	97	78	78		79
09/24/94	Riser 8	E	TMACS	165	147	122	95	82	83		
	Riser 14	J	TMACS	149	131	123	96	78	79		80
09/25/94	Riser 8	E	TMACS	165	147	122	95	82	84		
	Riser 14	J	TMACS	150	132	123	95	79	80		80
09/26/94	Riser 8	E	TMACS	165	147	122	94	83	84		
	Riser 14	J	TMACS	150	132	124	95	80	80		81
09/27/94	Riser 8	E	TMACS	165	147	121	95	83	82		
	Riser 14	J	TMACS	151	132	123	95	80	80		81
09/28/94	Riser 8	E	TMACS	165	147	121	95	82	82		
	Riser 14	J	TMACS	151	131	122	95	80	80		81
09/29/94	Riser 8	E	TMACS	165	147	121	94	83	82		
	Riser 14	J	TMACS	150	132	124	96	80	80		81
09/30/94	Riser 8	E	TMACS	164	146	121	95	81	81		
	Riser 14	J	TMACS	152	132	125	96	79	80		81
10/01/94	Riser 8	E	TMACS	164	146	120	94	82	81		
	Riser 14	J	TMACS	150	132	123	94	79	80		81
10/02/94	Riser 8	E	TMACS	164	146	119	93	81	81		
	Riser 14	J	TMACS	149	129	121	90	79	80		81
10/03/94	Riser 8	E	TMACS	164	145	118	92	79	79		
	Riser 14	J	TMACS	146	128	120	85	77	77		78
10/04/94	Riser 8	E	TMACS	164	145	118	91	80	79		
	Riser 14	J	TMACS	145	125	117	84	77	78		79
10/05/94	Riser 8	E	TMACS	163	144	118	91	79	79		
	Riser 14	J	TMACS	141	123	114	83	77	77		78

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91-97

TEMPERATURE PROFILE FOR
C106
08/01/1994 - 10/19/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 75.700000 inches as of: 10/17/94

DATE	RISER		SOURCE	1	2	3	4	5	6	7	8
10/06/94	Riser 8	E	TMACS	163	145	117	91	79	80		
	Riser 14	J	TMACS	137	117	108	83	78	78		79
10/07/94	Riser 8	E	TMACS	164	145	118	92	80	81		
	Riser 14	J	TMACS	134	115	107	84	78	78		80
10/08/94	Riser 8	E	TMACS	163	145	117	92	79	80		
	Riser 14	J	TMACS	131	113	105	84	78	78		80
10/09/94	Riser 8	E	TMACS	163	144	117	92	80	81		
	Riser 14	J	TMACS	130	110	101	84	79	79		80
10/10/94	Riser 8	E	TMACS	164	144	116	92	81	81		
	Riser 14	J	TMACS	126	108	100	85	80	80		81
10/11/94	Riser 8	E	TMACS	164	144	117	93	80	81		
	Riser 14	J	TMACS	123	106	98	86	79	80		81
10/12/94	Riser 8	E	TMACS	164	145	117	93	79	79		
	Riser 14	J	TMACS	124	105	96	87	77	78		80
10/13/94	Riser 8	E	TMACS	164	145	117	91	77	77		
	Riser 14	J	TMACS	127	106	97	89	75	75		77
10/14/94	Riser 8	E	TMACS	163	144	116	91	77	76		
	Riser 14	J	TMACS	128	105	96	89	74	75		76
10/15/94	Riser 8	E	TMACS	164	144	116	92	78	78		
	Riser 14	J	TMACS	127	100	91	87	76	77		79
10/16/94	Riser 8	E	TMACS	164	145	117	93	79	78		
	Riser 14	J	TMACS	124	97	88	85	77	78		79
10/17/94	Riser 8	E	TMACS	164	144	117	93	80	79		
	Riser 14	J	TMACS	124	97	87	85	77	78		79
10/18/94	Riser 8	E	TMACS	163	144	116	91	77	77		
	Riser 14	J	TMACS	125	99	90	87	76	76		77
10/19/94	Riser 8	E	TMACS	164	144	116	90	75	75		
	Riser 14	J	TMACS	128	102	93	89	73	74		75

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TEMPERATURE PROFILE FOR
C107
08/01/1994 - 10/19/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 92.800000 inches as of: 10/12/94

	TC Height (inches from bottom)			15	38	62	86	110	192
DATE	RISER		SOURCE	1	2	3	4	5	6
08/01/94	Riser 5	E	TMACS	110	116	122	123	114	112
08/02/94	Riser 5	E	TMACS	110	116	122	123	115	113
08/03/94	Riser 5	E	TMACS	109	116	122	123	115	112
08/04/94	Riser 5	E	TMACS	110	116	123	123	115	113
08/05/94	Riser 5	E	TMACS	110	116	123	123	115	113
08/06/94	Riser 5	E	TMACS	110	116	122	123	115	113
08/07/94	Riser 5	E	TMACS	110	117	123	124	115	113
08/08/94	Riser 5	E	TMACS	110	116	123	123	115	113
08/09/94	Riser 5	E	TMACS	110	117	123	123	116	113
08/10/94	Riser 5	E	TMACS	110	116	123	123	116	113
08/11/94	Riser 5	E	TMACS	110	116	123	123	116	113
08/12/94	Riser 5	E	TMACS	110	117	123	124	116	113
08/13/94	Riser 5	E	TMACS	110	116	123	124	116	114
08/14/94	Riser 5	E	TMACS	110	116	123	124	116	113
08/15/94	Riser 5	E	TMACS	110	116	123	124	116	114
08/16/94	Riser 5	E	TMACS	110	116	123	123	116	113
08/17/94	Riser 5	E	TMACS	110	117	123	124	116	113
08/18/94	Riser 5	E	TMACS	110	117	123	124	116	114
08/19/94	Riser 5	E	TMACS	110	116	123	124	116	114
08/20/94	Riser 5	E	TMACS	110	117	123	124	116	114
08/21/94	Riser 5	E	TMACS	110	117	123	125	117	114
08/22/94	Riser 5	E	TMACS	110	116	123	124	116	114
08/23/94	Riser 5	E	TMACS	110	117	123	124	116	113
08/24/94	Riser 5	E	TMACS	111	117	124	124	117	114
08/25/94	Riser 5	E	TMACS	110	117	124	124	117	114
08/26/94	Riser 5	E	TMACS	110	117	123	124	117	114
08/27/94	Riser 5	E	TMACS	110	117	124	125	117	114
08/28/94	Riser 5	E	TMACS	110	117	124	125	117	114

TEMPERATURE PROFILE FOR
C107
08/01/1994 - 10/19/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 92.800000 inches as of: 10/12/94

	TC Height (inches from bottom)			15	38	62	86	110	192
DATE	RISER		SOURCE	1	2	3	4	5	6
08/29/94	Riser 5	E	TMACS	111	117	124	125	117	115
08/30/94	Riser 5	E	TMACS	110	117	124	125	117	114
08/31/94	Riser 5	E	TMACS	110	117	124	125	117	115
09/01/94	Riser 5	E	TMACS	111	117	124	125	117	114
09/02/94	Riser 5	E	TMACS	110	117	124	125	117	114
09/03/94	Riser 5	E	TMACS	110	117	123	125	117	115
09/04/94	Riser 5	E	TMACS	110	117	124	125	117	114
09/05/94	Riser 5	E	TMACS	111	117	124	125	117	114
09/06/94	Riser 5	E	TMACS	110	117	123	125	117	114
09/07/94	Riser 5	E	TMACS	111	118	124	125	118	115
09/08/94	Riser 5	E	TMACS	110	117	124	125	117	114
09/09/94	Riser 5	E	TMACS	110	117	124	125	117	114
09/10/94	Riser 5	E	TMACS	111	118	124	125	117	115
09/11/94	Riser 5	E	TMACS	110	118	124	125	117	115
09/12/94	Riser 5	E	TMACS	111	118	124	125	118	115
09/13/94	Riser 5	E	TMACS	110	117	124	125	117	115
09/14/94	Riser 5	E	TMACS	110	118	124	125	118	115
09/15/94	Riser 5	E	TMACS	111	118	124	125	117	115
09/16/94	Riser 5	E	TMACS	111	118	125	126	117	115
09/17/94	Riser 5	E	TMACS	111	118	125	126	118	115
09/18/94	Riser 5	E	TMACS	111	118	125	126	118	115
09/19/94	Riser 5	E	TMACS	111	118	125	125	117	115
09/20/94	Riser 5	E	TMACS	111	117	125	126	117	115
09/21/94	Riser 5	E	TMACS	111	118	125	125	118	115
09/22/94	Riser 5	E	TMACS	111	118	124	125	117	115
09/23/94	Riser 5	E	TMACS	111	118	124	125	118	115
09/24/94	Riser 5	E	TMACS	111	118	125	125	118	115
09/25/94	Riser 5	E	TMACS	111	118	125	126	118	116

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TEMPERATURE PROFILE FOR C107 08/01/1994 - 10/19/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 92.800000 inches as of: 10/12/94

	TC Height (inches from bottom)			15	38	62	86	110	192
DATE	RISER		SOURCE	1	2	3	4	5	6
09/26/94	Riser 5	E	TMACS	111	118	125	126	118	115
09/27/94	Riser 5	E	TMACS	111	118	125	126	118	115
09/28/94	Riser 5	E	TMACS	111	118	125	126	118	115
09/29/94	Riser 5	E	TMACS	111	118	125	126	118	115
09/30/94	Riser 5	E	TMACS	111	118	125	125	118	115
10/01/94	Riser 5	E	TMACS	111	118	125	125	118	115
10/02/94	Riser 5	E	TMACS	111	118	124	125	118	115
10/03/94	Riser 5	E	TMACS	111	118	125	125	118	115
10/04/94	Riser 5	E	TMACS	111	118	125	125	118	115
10/05/94	Riser 5	E	TMACS	111	118	125	125	117	115
10/06/94	Riser 5	E	TMACS	111	118	125	125	118	115
10/07/94	Riser 5	E	TMACS	111	118	125	125	118	115
10/08/94	Riser 5	E	TMACS	111	118	125	125	118	115
10/09/94	Riser 5	E	TMACS	111	118	125	125	118	115
10/10/94	Riser 5	E	TMACS	111	118	125	125	117	115
10/11/94	Riser 5	E	TMACS	111	118	125	125	118	115
10/12/94	Riser 5	E	TMACS	111	118	125	125	118	115
10/13/94	Riser 5	E	TMACS	111	119	125	125	118	115
10/14/94	Riser 5	E	TMACS	112	118	125	125	118	115
10/15/94	Riser 5	E	TMACS	111	118	125	125	118	115
10/16/94	Riser 5	E	TMACS	111	118	125	125	118	115
10/17/94	Riser 5	E	TMACS	111	118	125	125	118	115
10/18/94	Riser 5	E	TMACS	111	118	125	125	118	115
10/19/94	Riser 5	E	TMACS	111	118	125	125	118	115
							125-126	117-118	114-115

TEMPERATURE PROFILE FOR C108
08/01/1994 - 10/19/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 19.500000 inches as of: 10/01/94

DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10	11
08/01/94	Riser 5	J	TMACS	74	75							75		75
	Riser 1	K	TMACS	76	76	76	76	77	77					
08/02/94	Riser 5	J	TMACS	74	75							75		75
	Riser 1	K	TMACS	76	77	76	77	77	77					
08/03/94	Riser 5	J	TMACS	75	75							75		75
	Riser 1	K	TMACS	76	76	76	77	77	77					
08/04/94	Riser 5	J	TMACS	74	75							76		76
	Riser 1	K	TMACS	77	76	77	77	77	77					
08/05/94	Riser 5	J	TMACS	74	76							75		76
	Riser 1	K	TMACS	77	76	77	77	78	78					
08/06/94	Riser 5	J	TMACS	75	76							76		76
	Riser 1	K	TMACS	77	77	77	77	78	78					
08/07/94	Riser 5	J	TMACS	75	76							76		76
	Riser 1	K	TMACS	77	77	77	77	78	79					
08/08/94	Riser 5	J	TMACS	75	76							76		76
	Riser 1	K	TMACS	77	77	77	77	78	78					
08/09/94	Riser 5	J	TMACS	75	76							76		77
	Riser 1	K	TMACS	77	77	78	78	78	79					
08/10/94	Riser 5	J	TMACS	75	75							76		76
	Riser 1	K	TMACS	77	77	78	78	78	78					
08/11/94	Riser 5	J	TMACS	75	76							76		77
	Riser 1	K	TMACS	77	77	78	78	79	79					
08/12/94	Riser 5	J	TMACS	75	76							76		77
	Riser 1	K	TMACS	77	77	77	78	78	78					
08/13/94	Riser 5	J	TMACS	75	75							76		77
	Riser 1	K	TMACS	77	77	77	78	78	78					
08/14/94	Riser 5	J	TMACS	75	76							77		77
	Riser 1	K	TMACS	78	77	78	78	78	79					

TEMPERATURE PROFILE FOR
C108
08/01/1994 - 10/19/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 19.500000 inches as of: 10/01/94

DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10	11
08/15/94	Riser 5	J	TMACS	76	76							77		77
	Riser 1	K	TMACS	78	77	77	78	78	79					
08/16/94	Riser 5	J	TMACS	75	76							77		77
	Riser 1	K	TMACS	78	78	77	78	79	79					
08/17/94	Riser 5	J	TMACS	76	76							77		77
	Riser 1	K	TMACS	78	78	78	78	79	79					
08/18/94	Riser 5	J	TMACS	76	76							77		78
	Riser 1	K	TMACS	78	77	78	78	79	79					
08/19/94	Riser 5	J	TMACS	76	77							77		77
	Riser 1	K	TMACS	78	78	78	78	79	79					
08/20/94	Riser 5	J	TMACS	76	77							77		78
	Riser 1	K	TMACS	78	78	78	78	79	79					
08/21/94	Riser 5	J	TMACS	76	77							77		78
	Riser 1	K	TMACS	78	78	78	78	79	79					
08/22/94	Riser 5	J	TMACS	76	77							77		78
	Riser 1	K	TMACS	78	78	78	78	79	80					
08/23/94	Riser 5	J	TMACS	76	77							78		78
	Riser 1	K	TMACS	78	78	79	78	79	80					
08/24/94	Riser 5	J	TMACS	76	77							77		78
	Riser 1	K	TMACS	78	78	78	79	79	80					
08/25/94	Riser 5	J	TMACS	76	77							78		78
	Riser 1	K	TMACS	78	78	78	78	79	80					
08/26/94	Riser 5	J	TMACS	76	77							78		78
	Riser 1	K	TMACS	78	78	78	79	80	80					
08/27/94	Riser 5	J	TMACS	77	77							78		78
	Riser 1	K	TMACS	79	79	79	79	80	80					
08/28/94	Riser 5	J	TMACS	76	77							78		79
	Riser 1	K	TMACS	78	78	78	79	80	80					

TEMPERATURE PROFILE FOR C108
08/01/1994 - 10/19/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 19.500000 inches as of: 10/01/94

DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10	11
08/29/94	Riser 5	J	TMACS	76	77							77		78
	Riser 1	K	TMACS	78	78	79	79	79	80					
08/30/94	Riser 5	J	TMACS	77	77							78		79
	Riser 1	K	TMACS	78	78	79	79	80	80					
08/31/94	Riser 5	J	TMACS	77	77							78		78
	Riser 1	K	TMACS	78	79	79	79	80	80					
09/01/94	Riser 5	J	TMACS	77	78							78		79
	Riser 1	K	TMACS	78	78	79	79	80	80					
09/02/94	Riser 5	J	TMACS	77	77							78		79
	Riser 1	K	TMACS	79	79	79	79	80	80					
09/03/94	Riser 5	J	TMACS	77	77							78		79
	Riser 1	K	TMACS	79	79	79	79	80	80					
09/04/94	Riser 5	J	TMACS	77	78							78		79
	Riser 1	K	TMACS	79	79	79	80	80	81					
09/05/94	Riser 5	J	TMACS	77	78							78		79
	Riser 1	K	TMACS	79	79	80	79	80	80					
09/06/94	Riser 5	J	TMACS	77	78							78		79
	Riser 1	K	TMACS	79	79	79	80	80	81					
09/07/94	Riser 5	J	TMACS	77	77							78		79
	Riser 1	K	TMACS	79	79	79	80	80	80					
09/08/94	Riser 5	J	TMACS	77	78							78		79
	Riser 1	K	TMACS	79	79	79	79	80	80					
09/09/94	Riser 5	J	TMACS	77	78							78		79
	Riser 1	K	TMACS	80	80	80	80	80	81					
09/10/94	Riser 5	J	TMACS	77	78							78		79
	Riser 1	K	TMACS	79	79	79	79	80	80					
09/11/94	Riser 5	J	TMACS	77	78							78		79
	Riser 1	K	TMACS	79	79	80	80	80	81					

TEMPERATURE PROFILE FOR C108
08/01/1994 - 10/19/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 19.500000 inches as of: 10/01/94

Riser 1 - 15" 19" 23" 27" 31" 123"
Riser 5 18" 42" 210" 306"

DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10	11
09/12/94	Riser 5	J	TMACS	77	78							78		79
	Riser 1	K	TMACS	79	79	79	79	80	81					
09/13/94	Riser 5	J	TMACS	78	78							79		80
	Riser 1	K	TMACS	79	79	80	80	81	81					
09/14/94	Riser 5	J	TMACS	78	78							79		80
	Riser 1	K	TMACS	80	80	80	80	81	81					
09/15/94	Riser 5	J	TMACS	77	78							79		79
	Riser 1	K	TMACS	79	79	79	80	80	81					
09/16/94	Riser 5	J	TMACS	77	78							78		80
	Riser 1	K	TMACS	80	80	80	80	81	81					
09/17/94	Riser 5	J	TMACS	77	78							79		80
	Riser 1	K	TMACS	80	80	80	80	80	81					
09/18/94	Riser 5	J	TMACS	78	78							79		80
	Riser 1	K	TMACS	80	80	80	80	81	81					
09/19/94	Riser 5	J	TMACS	77	78							79		79
	Riser 1	K	TMACS	80	80	80	80	80	81					
09/20/94	Riser 5	J	TMACS	77	78							79		80
	Riser 1	K	TMACS	79	79	80	80	80	81					
09/21/94	Riser 5	J	TMACS	78	78							79		80
	Riser 1	K	TMACS	80	80	79	80	80	81					
09/22/94	Riser 5	J	TMACS	78	79							79		80
	Riser 1	K	TMACS	80	79	80	80	80	81					
09/23/94	Riser 5	J	TMACS	78	79							79		80
	Riser 1	K	TMACS	80	79	80	80	81	81					
09/24/94	Riser 5	J	TMACS	77	79							79		80
	Riser 1	K	TMACS	80	80	80	80	81	81					
09/25/94	Riser 5	J	TMACS	78	79							79		80
	Riser 1	K	TMACS	80	80	80	80	81	81					

5 — 77-80 78-80 79-81

TEMPERATURE PROFILE FOR
C108
08/01/1994 - 10/19/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 19.500000 inches as of: 10/01/94

DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10	11
09/26/94	Riser 5	J	TMACS	78	79							79		80
	Riser 1	K	TMACS	79	79	79	80	80	81					
09/27/94	Riser 5	J	TMACS	78	78							79		80
	Riser 1	K	TMACS	80	80	80	80	81	81					
09/28/94	Riser 5	J	TMACS	78	79							79		80
	Riser 1	K	TMACS	80	80	80	80	81	82					
09/29/94	Riser 5	J	TMACS	78	78							79		80
	Riser 1	K	TMACS	80	80	80	80	80	81					
09/30/94	Riser 5	J	TMACS	78	78							79		80
	Riser 1	K	TMACS	80	80	80	80	81	81					
10/01/94	Riser 5	J	TMACS	78	78							79		80
	Riser 1	K	TMACS	80	80	80	80	81	82					
10/02/94	Riser 5	J	TMACS	78	78							80		80
	Riser 1	K	TMACS	80	80	80	80	81	82					
10/03/94	Riser 5	J	TMACS	78	79							80		80
	Riser 1	K	TMACS	80	80	80	81	81	81					
10/04/94	Riser 5	J	TMACS	78	79							79		80
	Riser 1	K	TMACS	80	80	80	80	81	81					
10/05/94	Riser 5	J	TMACS	78	79							79		80
	Riser 1	K	TMACS	80	80	80	80	81	81					
10/06/94	Riser 5	J	TMACS	78	78							79		80
	Riser 1	K	TMACS	80	80	80	80	81	82					
10/07/94	Riser 5	J	TMACS	78	78							79		80
	Riser 1	K	TMACS	80	80	80	81	81	82					
10/08/94	Riser 5	J	TMACS	78	79							79		80
	Riser 1	K	TMACS	80	80	80	80	81	81					
10/09/94	Riser 5	J	TMACS	78	79							79		80
	Riser 1	K	TMACS	80	80	80	81	81	82					

5-78 5-78-79
77-80 78-80

79-82

TEMPERATURE PROFILE FOR
C108
08/01/1994 - 10/19/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 19.500000 inches as of: 10/01/94

DATE	RISER	SOURCE	1	2	3	4	5	6	7	8	9	10	11
10/10/94	Riser 5	J TMACS	78	79							80		80
	Riser 1	K TMACS	80	80	80	80	81	82					
10/11/94	Riser 5	J TMACS	78	79							80		80
	Riser 1	K TMACS	80	80	80	80	81	82					
10/12/94	Riser 5	J TMACS	78	79							80		79
	Riser 1	K TMACS	80	80	80	80	81	81					
10/13/94	Riser 5	J TMACS	78	79							80		80
	Riser 1	K TMACS	80	80	80	81	81	82					
10/14/94	Riser 5	J TMACS	78	78							79		80
	Riser 1	K TMACS	80	80	80	80	81	82					
10/15/94	Riser 5	J TMACS	78	79							79		79
	Riser 1	K TMACS	80	80	80	80	80	81					
10/16/94	Riser 5	J TMACS	78	79							79		79
	Riser 1	K TMACS	80	80	80	81	81	81					
10/17/94	Riser 5	J TMACS	78	78							79		80
	Riser 1	K TMACS	80	80	80	80	81	82					
10/18/94	Riser 5	J TMACS	78	79							80		80
	Riser 1	K TMACS	80	80	80	81	81	82					
10/19/94	Riser 5	J TMACS	78	78 ✓							79		80
	Riser 1	K TMACS	80	80	80	80	81	81					

TEMPERATURE PROFILE FOR
C109
08/01/1994 - 10/19/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 18.000000 inches as of: 07/02/94

DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10	11
08/01/94	Riser 8	J	TMACS	81	82						78			78
	Riser 3	K	TMACS	79	79	79	79	80					81	
08/02/94	Riser 8	J	TMACS	81	82						78			78
	Riser 3	K	TMACS	79	79	79	79	81					81	
08/03/94	Riser 8	J	TMACS	81	82						78			78
	Riser 3	K	TMACS	80	79	80	79	81					81	
08/04/94	Riser 8	J	TMACS	82	83						78			78
	Riser 3	K	TMACS	80	80	80	79	81					81	
08/05/94	Riser 8	J	TMACS	82	83						79			79
	Riser 3	K	TMACS	80	80	80	80	81					81	
08/06/94	Riser 8	J	TMACS	81	82						79			79
	Riser 3	K	TMACS	80	80	80	79	81					81	
08/07/94	Riser 8	J	TMACS	82	83						78			79
	Riser 3	K	TMACS	80	80	80	80	81					81	
08/08/94	Riser 8	J	TMACS	82	83						79			79
	Riser 3	K	TMACS	80	80	80	80	81					82	
08/09/94	Riser 8	J	TMACS	82	83						79			79
	Riser 3	K	TMACS	80	80	80	80	81					82	
08/10/94	Riser 8	J	TMACS	82	83						79			79
	Riser 3	K	TMACS	80	80	80	80	81					82	
08/11/94	Riser 8	J	TMACS	82	84						79			79
	Riser 3	K	TMACS	80	80	80	80	82					82	
08/12/94	Riser 8	J	TMACS	82	83						79			79
	Riser 3	K	TMACS	80	80	80	80	81					82	
08/13/94	Riser 8	J	TMACS	82	83						79			79
	Riser 3	K	TMACS	80	80	80	80	81					82	
08/14/94	Riser 8	J	TMACS	82	84						79			79
	Riser 3	K	TMACS	80	80	80	80	82					82	

TEMPERATURE PROFILE FOR
C109
08/01/1994 - 10/19/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 18.000000 inches as of: 07/02/94

DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10	11
08/15/94	Riser 8	J	TMACS	82	84						80			80
	Riser 3	K	TMACS	80	80	80	81	82					82	
08/16/94	Riser 8	J	TMACS	83	83						79			80
	Riser 3	K	TMACS	80	81	81	81	81					82	
08/17/94	Riser 8	J	TMACS	83	83						80			79
	Riser 3	K	TMACS	80	81	81	81	82					82	
08/18/94	Riser 8	J	TMACS	83	84						80			80
	Riser 3	K	TMACS	80	81	81	81	82					82	
08/19/94	Riser 8	J	TMACS	83	84						80			80
	Riser 3	K	TMACS	81	81	81	81	82					82	
08/20/94	Riser 8	J	TMACS	83	84						80			79
	Riser 3	K	TMACS	81	81	81	81	82					83	
08/21/94	Riser 8	J	TMACS	83	84						80			80
	Riser 3	K	TMACS	81	81	81	82	82					82	
08/22/94	Riser 8	J	TMACS	83	84						80			80
	Riser 3	K	TMACS	81	81	81	81	82					83	
08/23/94	Riser 8	J	TMACS	83	84						80			80
	Riser 3	K	TMACS	81	82	82	81	82					82	
08/24/94	Riser 8	J	TMACS	84	84						80			80
	Riser 3	K	TMACS	81	81	81	82	82					83	
08/25/94	Riser 8	J	TMACS	83	84						80			80
	Riser 3	K	TMACS	81	81	81	82	82					83	
08/26/94	Riser 8	J	TMACS	84	85						81			81
	Riser 3	K	TMACS	81	81	82	82	82					83	
08/27/94	Riser 8	J	TMACS	83	84						80			80
	Riser 3	K	TMACS	81	82	82	82	82					83	
08/28/94	Riser 8	J	TMACS	84	84						81			80
	Riser 3	K	TMACS	81	82	81	82	83					83	

TEMPERATURE PROFILE FOR C109
08/01/1994 - 10/19/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 18.000000 inches as of: 07/02/94

DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10	11
08/29/94	Riser 8	J	TMACS	84	85						81			80
	Riser 3	K	TMACS	82	82	82	83	83					83	
08/30/94	Riser 8	J	TMACS	84	84						81			80
	Riser 3	K	TMACS	82	82	82	82	83					83	
08/31/94	Riser 8	J	TMACS	84	84						81			81
	Riser 3	K	TMACS	81	81	82	82	83					83	
09/01/94	Riser 8	J	TMACS	84	85						81			81
	Riser 3	K	TMACS	82	82	82	82	82					83	
09/02/94	Riser 8	J	TMACS	84	85						81			81
	Riser 3	K	TMACS	82	82	82	82	82					83	
09/03/94	Riser 8	J	TMACS	84	85						81			80
	Riser 3	K	TMACS	82	82	82	82	83					83	
09/04/94	Riser 8	J	TMACS	84	85						81			81
	Riser 3	K	TMACS	82	82	82	82	83					83	
09/05/94	Riser 8	J	TMACS	84	85						81			81
	Riser 3	K	TMACS	82	82	82	82	83					84	
09/06/94	Riser 8	J	TMACS	84	85						81			81
	Riser 3	K	TMACS	82	82	83	83	83					83	
09/07/94	Riser 8	J	TMACS	84	85						81			81
	Riser 3	K	TMACS	82	82	82	83	83					84	
09/08/94	Riser 8	J	TMACS	84	85						81			81
	Riser 3	K	TMACS	82	82	82	83	83					84	
09/09/94	Riser 8	J	TMACS	84	85						81			81
	Riser 3	K	TMACS	82	82	82	83	83					84	
09/10/94	Riser 8	J	TMACS	84	85						81			81
	Riser 3	K	TMACS	82	82	82	83	83					84	
09/11/94	Riser 8	J	TMACS	84	85						81			82
	Riser 3	K	TMACS	82	82	83	83	83					84	

TEMPERATURE . OFILE FOR
C109
08/01/1994 - 10/19/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 18.000000 inches as of: 07/02/94

RISER 8 - - - - 17 41 - - - - - - - - 185 - - - - - - 305
RISER 3 - - - - - 18 24 30 36 42 - - - - - - - - - - 185

DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10	11
09/12/94	Riser 8	J	TMACS	84✓	85✓						82			81
	Riser 3	K	TMACS	82	82	83	83	83					84	
09/13/94	Riser 8	J	TMACS	84	85						81			81
	Riser 3	K	TMACS	82	82	83	83	84					84	
09/14/94	Riser 8	J	TMACS	85	85						81			81
	Riser 3	K	TMACS	82	82	83	83	84					84	
09/15/94	Riser 8	J	TMACS	84	85						82			81
	Riser 3	K	TMACS	82	82	82	83	83					84	
09/16/94	Riser 8	J	TMACS	85	86						82			82
	Riser 3	K	TMACS	82	83	82	83	84					84	
09/17/94	Riser 8	J	TMACS	84	85						81			81
	Riser 3	K	TMACS	82	83	82	83	84					84	
09/18/94	Riser 8	J	TMACS	85	86						81			81
	Riser 3	K	TMACS	82	83	83	83	84					84	
09/19/94	Riser 8	J	TMACS	85	86						81			81
	Riser 3	K	TMACS	83	83	83	83	84					84	
09/20/94	Riser 8	J	TMACS	84✓	85✓						81			81
	Riser 3	K	TMACS	82	82	82	82	84					84	
09/21/94	Riser 8	J	TMACS	84✓	85✓						81			81
	Riser 3	K	TMACS	82	82	83	83	83					84	
09/22/94	Riser 8	J	TMACS	85✓	86✓						82			82
	Riser 3	K	TMACS	83	83	83	83	84					84	
09/23/94	Riser 8	J	TMACS	85✓	86✓						82			82
	Riser 3	K	TMACS	83	83	83	84	84					84	
09/24/94	Riser 8	J	TMACS	85✓	86✓						82			82
	Riser 3	K	TMACS	83	83	83	83	84					84	
09/25/94	Riser 8	J	TMACS	85✓	86						82			82
	Riser 3	K	TMACS	83	83	83	83	84					84	

84-85

TEMPERATURE PROFILE FOR
C109
08/01/1994 - 10/19/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 18.000000 inches as of: 07/02/94

DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10	11
09/26/94	Riser 8	J	TMACS	85	86						81			81
	Riser 3	K	TMACS	82	83	83	83	84					84	
09/27/94	Riser 8	J	TMACS	85	86						82			81
	Riser 3	K	TMACS	83	83	83	83	84					85	
09/28/94	Riser 8	J	TMACS	85	86						82			82
	Riser 3	K	TMACS	83	83	83	84	84					85	
09/29/94	Riser 8	J	TMACS	85	86						82			82
	Riser 3	K	TMACS	83	83	83	83	84					84	
09/30/94	Riser 8	J	TMACS	85	86						82			82
	Riser 3	K	TMACS	83	83	83	83	84					84	
10/01/94	Riser 8	J	TMACS	85	86						82			82
	Riser 3	K	TMACS	83	83	83	83	84					84	
10/02/94	Riser 8	J	TMACS	85	86						82			82
	Riser 3	K	TMACS	83	83	83	83	84					85	
10/03/94	Riser 8	J	TMACS	85	86						82			82
	Riser 3	K	TMACS	83	83	83	84	84					85	
10/04/94	Riser 8	J	TMACS	(84)	86						82			81
	Riser 3	K	TMACS	83	83	83	83	84					84	
10/05/94	Riser 8	J	TMACS	85	86						82			82
	Riser 3	K	TMACS	83	83	83	83	84					84	
10/06/94	Riser 8	J	TMACS	85	86						82			82
	Riser 3	K	TMACS	83	83	83	84	84					85	
10/07/94	Riser 8	J	TMACS	85	86						82			82
	Riser 3	K	TMACS	83	83	83	83	85					84	
10/08/94	Riser 8	J	TMACS	85	86						82			82
	Riser 3	K	TMACS	83	83	83	83	84					84	
10/09/94	Riser 8	J	TMACS	85	86						82			82
	Riser 3	K	TMACS	83	83	83	83	84					84	

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TEMPERATUR[illegible]OFILE FOR C109

08/01/1994 - 10/19/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 18.000000 inches as of: 07/02/94

DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10	11
10/10/94	Riser 8	J	TMACS	85	86						82			82
	Riser 3	K	TMACS	83	83	83	83	84					84	
10/11/94	Riser 8	J	TMACS	85	86						82			82
	Riser 3	K	TMACS	83	84	83	83	84					84	
10/12/94	Riser 8	J	TMACS	85	86						82			82
	Riser 3	K	TMACS	83	83	83	83	84					84	
10/13/94	Riser 8	J	TMACS	85	86						82			82
	Riser 3	K	TMACS	83	83	83	83	84					85	
10/14/94	Riser 8	J	TMACS	85	86						82			81
	Riser 3	K	TMACS	84	83	83	83	84					85	
10/15/94	Riser 8	J	TMACS	84	85						82			82
	Riser 3	K	TMACS	83	83	83	83	84					84	
10/16/94	Riser 8	J	TMACS	85	86						81			82
	Riser 3	K	TMACS	83	83	83	83	84					84	
10/17/94	Riser 8	J	TMACS	85	86						82			82
	Riser 3	K	TMACS	83	83	83	83	84					84	
10/18/94	Riser 8	J	TMACS	85	86						82			82
	Riser 3	K	TMACS	83	83	83	83	84					84	
10/19/94	Riser 8	J	TMACS	84	86						82			82
	Riser 3	K	TMACS	83	83	83	83	84					84	

84-85

84-86 83-86-81

TEMPERATURE PROFILE FOR C110
08/01/1994 - 10/19/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 64.250000 inches as of: 10/16/94

TC Height (Inches from bottom)				16	40	64	88	112	136	160	184	208	256
DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10
08/01/94	Riser 8	J	TMACS	67	67	68	69			70			71
08/02/94	Riser 8	J	TMACS	67	67	69	70			71			71
08/03/94	Riser 8	J	TMACS	67	67	68	70			70			71
08/04/94	Riser 8	J	TMACS	67	67	69	71			71			71
08/05/94	Riser 8	J	TMACS	67	68	69	70			71			72
08/06/94	Riser 8	J	TMACS	67	68	69	70			71			72
08/07/94	Riser 8	J	TMACS	67	67	69	70			71			72
08/08/94	Riser 8	J	TMACS	67	68	69	70			71			72
08/09/94	Riser 8	J	TMACS	67	68	69	71			71			73
08/10/94	Riser 8	J	TMACS	67	68	69	71			72			72
08/11/94	Riser 8	J	TMACS	68	68	69	71			71			72
08/12/94	Riser 8	J	TMACS	67	68	69	71			72			72
08/13/94	Riser 8	J	TMACS	67	68	69	71			72			73
08/14/94	Riser 8	J	TMACS	68	68	69	71			72			73
08/15/94	Riser 8	J	TMACS	67	68	69	71			72			73
08/16/94	Riser 8	J	TMACS	67	68	69	71			71			72
08/17/94	Riser 8	J	TMACS	68	68	69	71			72			73
08/18/94	Riser 8	J	TMACS	68	68	70	72			72			73
08/19/94	Riser 8	J	TMACS	68	68	70	71			72			73
08/20/94	Riser 8	J	TMACS	67	68	69	71			72			73
08/21/94	Riser 8	J	TMACS	68	68	70	72			73			73
08/22/94	Riser 8	J	TMACS	67	68	69	72			73			73
08/23/94	Riser 8	J	TMACS	68	68	70	72			73			73
08/24/94	Riser 8	J	TMACS	68	68	70	72			73			74
08/25/94	Riser 8	J	TMACS	68	68	70	72			73			73
08/26/94	Riser 8	J	TMACS	68	68	70	72			73			74
08/27/94	Riser 8	J	TMACS	68	68	70	72			73			74
08/28/94	Riser 8	J	TMACS	67	68	70	72			73			73

TEMPERATURE PROFILE FOR C110
08/01/1994 - 10/19/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 64.250000 inches as of: 10/16/94

TC Height (inches from bottom)				16	40	64	88	112	136	160	184	208	256
DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10
08/29/94	Riser 8	J	TMACS	68	68	70	72			73			73
08/30/94	Riser 8	J	TMACS	68	69	70	72			73			73
08/31/94	Riser 8	J	TMACS	68	68	70	72			73			74
09/01/94	Riser 8	J	TMACS	68	69	70	73			73			74
09/02/94	Riser 8	J	TMACS	68	69	71	72			73			74
09/03/94	Riser 8	J	TMACS	68	69	70	73			73			74
09/04/94	Riser 8	J	TMACS	68	69	71	73			73			75
09/05/94	Riser 8	J	TMACS	68	69	71	73			74			74
09/06/94	Riser 8	J	TMACS	68	68	70	72			73			74
09/07/94	Riser 8	J	TMACS	68	69	70	73			73			74
09/08/94	Riser 8	J	TMACS	68	69	71	73			73			74
09/09/94	Riser 8	J	TMACS	68	69	70	73			74			74
09/10/94	Riser 8	J	TMACS	68	69	70	72			73			74
09/11/94	Riser 8	J	TMACS	68	69	71	73			74			75
09/12/94	Riser 8	J	TMACS	68	69	71	73			74			74
09/13/94	Riser 8	J	TMACS	68	69	71	73			73			74
09/14/94	Riser 8	J	TMACS	68	69	71	73			74			74
09/15/94	Riser 8	J	TMACS	68	69	71	73			74			74
09/16/94	Riser 8	J	TMACS	68	69	71	73			74			75
09/17/94	Riser 8	J	TMACS	68	69	71	73			74			74
09/18/94	Riser 8	J	TMACS	69	69	71	73			74			75
09/19/94	Riser 8	J	TMACS	68	69	71	73			73			75
09/20/94	Riser 8	J	TMACS	68	69	71	73			74			75
09/21/94	Riser 8	J	TMACS	69	69	71	73			74			74
09/22/94	Riser 8	J	TMACS	69	69	71	73			74			75
09/23/94	Riser 8	J	TMACS	68	69	71	73			74			75
09/24/94	Riser 8	J	TMACS	69	70	71	73			74			75
09/25/94	Riser 8	J	TMACS	68	69	71	73			73			75

TEMPERATURE PROFILE FOR
C110
08/01/1994 - 10/19/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 64.250000 inches as of: 10/16/94

	TC Height (inches from bottom)			16	40	64	88	112	136	160	184	208	256
DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10
09/26/94	Riser 8	J	TMACS	69	70	72	74			74			75
09/27/94	Riser 8	J	TMACS	69	69	71	73			74			74
09/28/94	Riser 8	J	TMACS	69	69	71	73			74			75
09/29/94	Riser 8	J	TMACS	69	70	72	73			74			75
09/30/94	Riser 8	J	TMACS	68	69	71	73			74			75
10/01/94	Riser 8	J	TMACS	69	70	72	73			75			75
10/02/94	Riser 8	J	TMACS	68	70	72	73			74			75
10/03/94	Riser 8	J	TMACS	69	69	71	73			74			75
10/04/94	Riser 8	J	TMACS	69	69	72	73			74			75
10/05/94	Riser 8	J	TMACS	69	70	72	73			74			75
10/06/94	Riser 8	J	TMACS	69	69	72	73			74			75
10/07/94	Riser 8	J	TMACS	69	70	71	73			74			75
10/08/94	Riser 8	J	TMACS	69	70	72	73			74			75
10/09/94	Riser 8	J	TMACS	69	69	72	73			74			75
10/10/94	Riser 8	J	TMACS	69	70	72	73			74			75
10/11/94	Riser 8	J	TMACS	69	69	72	74			74			75
10/12/94	Riser 8	J	TMACS	69	70	72	73			74			75
10/13/94	Riser 8	J	TMACS	69	70	71	74			74			75
10/14/94	Riser 8	J	TMACS	69	70	72	74			74			75
10/15/94	Riser 8	J	TMACS	69	70	71	73			74			74
10/16/94	Riser 8	J	TMACS	69	70	72	73			74			75
10/17/94	Riser 8	J	TMACS	69	69	72	73			74			74
10/18/94	Riser 8	J	TMACS	69	70	72	73			74			74
10/19/94	Riser 8	J	TMACS	69	70	72	73			74			74

TEMPERATURE PROFILE FOR C111
08/01/1994 - 10/19/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 16.500000 inches as of: 10/01/94

TC Height (inches from bottom)				29	53	77	101	125	149	173	197	221
DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9
08/01/94	Riser 5	J	TMACS	75	75					76		76
08/02/94	Riser 5	J	TMACS	75	75					76		76
08/03/94	Riser 5	J	TMACS	75	75					76		76
08/04/94	Riser 5	J	TMACS	75	76					76		76
08/05/94	Riser 5	J	TMACS	75	75					76		76
08/06/94	Riser 5	J	TMACS	75	76					76		77
08/07/94	Riser 5	J	TMACS	75	76					77		77
08/08/94	Riser 5	J	TMACS	75	76					77		77
08/09/94	Riser 5	J	TMACS	76	76					77		77
08/10/94	Riser 5	J	TMACS	75	76					77		77
08/11/94	Riser 5	J	TMACS	75	76					76		77
08/12/94	Riser 5	J	TMACS	75	77					77		77
08/13/94	Riser 5	J	TMACS	75	77					77		77
08/14/94	Riser 5	J	TMACS	76	77					77		77
08/15/94	Riser 5	J	TMACS	76	76					77		77
08/16/94	Riser 5	J	TMACS	76	76					77		78
08/17/94	Riser 5	J	TMACS	76	77					77		78
08/18/94	Riser 5	J	TMACS	76	77					77		78
08/19/94	Riser 5	J	TMACS	76	77					78		78
08/20/94	Riser 5	J	TMACS	76	77					78		78
08/21/94	Riser 5	J	TMACS	76	77					77		78
08/22/94	Riser 5	J	TMACS	77	77					77		78
08/23/94	Riser 5	J	TMACS	77	77					78		78
08/24/94	Riser 5	J	TMACS	76	77					78		78
08/25/94	Riser 5	J	TMACS	77	78					78		78
08/26/94	Riser 5	J	TMACS	77	77					78		79
08/27/94	Riser 5	J	TMACS	77	78					78		79
08/28/94	Riser 5	J	TMACS	77	78					78		78

TEMPERATURE PROFILE FOR C111
08/01/1994 - 10/19/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 16.500000 inches as of: 10/01/94

TC Height (inches from bottom)				29	53	77	101	125	149	173	197	221
DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9
08/29/94	Riser 5	J	TMACS	77	78					78		78
08/30/94	Riser 5	J	TMACS	77	78					79		78
08/31/94	Riser 5	J	TMACS	77	78					78		79
09/01/94	Riser 5	J	TMACS	77	78					78		79
09/02/94	Riser 5	J	TMACS	77	78					79		79
09/03/94	Riser 5	J	TMACS	77	78					78		79
09/04/94	Riser 5	J	TMACS	77	78					79		80
09/05/94	Riser 5	J	TMACS	78	79					79		79
09/06/94	Riser 5	J	TMACS	77	78					79		79
09/07/94	Riser 5	J	TMACS	78	79					79		79
09/08/94	Riser 5	J	TMACS	77	78					79		79
09/09/94	Riser 5	J	TMACS	78	78					79		80
09/10/94	Riser 5	J	TMACS	77	78					79		79
09/11/94	Riser 5	J	TMACS	78	78					79		80
09/12/94	Riser 5	J	TMACS	78	79					79		79
09/13/94	Riser 5	J	TMACS	78	78					79		80
09/14/94	Riser 5	J	TMACS	78	79					79		80
09/15/94	Riser 5	J	TMACS	77	79					79		80
09/16/94	Riser 5	J	TMACS	78	79					79		80
09/17/94	Riser 5	J	TMACS	78	78					79		80
09/18/94	Riser 5	J	TMACS	78	79					79		79
09/19/94	Riser 5	J	TMACS	78	79					79		80
09/20/94	Riser 5	J	TMACS	78	79					79		80
09/21/94	Riser 5	J	TMACS	78	79					79		80
09/22/94	Riser 5	J	TMACS	78	79					79		80
09/23/94	Riser 5	J	TMACS	78	79					79		80
09/24/94	Riser 5	J	TMACS	78	79					80		80
09/25/94	Riser 5	J	TMACS	78	79					79		80

TEMPERATURE PROFILE FOR
C111
08/01/1994 - 10/19/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 16.500000 inches as of: 10/01/94

TC Height (inches from bottom)				29	53	77	101	125	149	173	197	221
DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9
09/26/94	Riser 5	J	TMACS	78	79					79		80
09/27/94	Riser 5	J	TMACS	78	79					79		80
09/28/94	Riser 5	J	TMACS	78	79					80		80
09/29/94	Riser 5	J	TMACS	78	79					79		80
09/30/94	Riser 5	J	TMACS	78	79					79		80
10/01/94	Riser 5	J	TMACS	79	80					80		80
10/02/94	Riser 5	J	TMACS	78	79					80		80
10/03/94	Riser 5	J	TMACS	78	79					80		80
10/04/94	Riser 5	J	TMACS	79	79					80		80
10/05/94	Riser 5	J	TMACS	78	80					80		80
10/06/94	Riser 5	J	TMACS	78	79					79		80
10/07/94	Riser 5	J	TMACS	78	79					80		80
10/08/94	Riser 5	J	TMACS	78	79					80		80
10/09/94	Riser 5	J	TMACS	78	79					80		80
10/10/94	Riser 5	J	TMACS	79	79					80		80
10/11/94	Riser 5	J	TMACS	78	79					80		80
10/12/94	Riser 5	J	TMACS	79	79					80		80
10/13/94	Riser 5	J	TMACS	79	79					80		80
10/14/94	Riser 5	J	TMACS	79	79					80		80
10/15/94	Riser 5	J	TMACS	78	79					80		80
10/16/94	Riser 5	J	TMACS	78	79					80		80
10/17/94	Riser 5	J	TMACS	78	79					80		80
10/18/94	Riser 5	J	TMACS	79	79					80		80
10/19/94	Riser 5	J	TMACS	78	79					80		80

TEMPERATURE PROFILE FOR C112
08/01/1994 - 10/19/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 31.500000 inches as of: 10/01/94

DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10
08/01/94	Riser 1	J	TMACS	82		81	81				81		
	Riser 8	K	TMACS	81	82	83	84	80					80
08/02/94	Riser 1	J	TMACS	82		81	81				82		
	Riser 8	K	TMACS	81	82	83	84	79					79
08/03/94	Riser 1	J	TMACS	82		81	81				81		
	Riser 8	K	TMACS	80	81	82	83	80					79
08/04/94	Riser 1	J	TMACS	82		82	82				82		
	Riser 8	K	TMACS	81	82	83	83	80					80
08/05/94	Riser 1	J	TMACS	82		82	81				81		
	Riser 8	K	TMACS	81	82	83	84	80					80
08/06/94	Riser 1	J	TMACS	82		82	82				82		
	Riser 8	K	TMACS	82	82	83	84	80					80
08/07/94	Riser 1	J	TMACS	82		82	82				82		
	Riser 8	K	TMACS	81	82	83	84	80					80
08/08/94	Riser 1	J	TMACS	83		83	82				82		
	Riser 8	K	TMACS	82	83	84	84	80					80
08/09/94	Riser 1	J	TMACS	83		83	83				82		
	Riser 8	K	TMACS	82	82	84	84	80					80
08/10/94	Riser 1	J	TMACS	83		82	82				82		
	Riser 8	K	TMACS	82	83	84	84	81					80
08/11/94	Riser 1	J	TMACS	82		82	83				82		
	Riser 8	K	TMACS	82	83	84	85	80					80
08/12/94	Riser 1	J	TMACS	82		82	82				83		
	Riser 8	K	TMACS	82	83	84	84	80					80
08/13/94	Riser 1	J	TMACS	83		82	83				82		
	Riser 8	K	TMACS	82	83	84	85	80					80
08/14/94	Riser 1	J	TMACS	82		82	83				82		
	Riser 8	K	TMACS	82	83	84	85	81					81

TEMPERATURE PROFILE FOR C112
08/01/1994 - 10/19/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 31.500000 inches as of: 10/01/94

DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10
08/15/94	Riser 1	J	TMACS	82		82	83				83		
	Riser 8	K	TMACS	82	83	84	85	80					80
08/16/94	Riser 1	J	TMACS	83		83	83				83		
	Riser 8	K	TMACS	82	83	84	85	81					81
08/17/94	Riser 1	J	TMACS	83		83	83				83		
	Riser 8	K	TMACS	82	84	84	85	81					80
08/18/94	Riser 1	J	TMACS	83		83	83				83		
	Riser 8	K	TMACS	82	84	84	85	81					81
08/19/94	Riser 1	J	TMACS	83		83	83				83		
	Riser 8	K	TMACS	82	83	84	85	81					81
08/20/94	Riser 1	J	TMACS	83		83	84				83		
	Riser 8	K	TMACS	82	84	84	85	81					81
08/21/94	Riser 1	J	TMACS	83		84	83				84		
	Riser 8	K	TMACS	82	83	84	85	81					81
08/22/94	Riser 1	J	TMACS	83		83	83				83		
	Riser 8	K	TMACS	82	83	85	85	81					81
08/23/94	Riser 1	J	TMACS	84		84	83				83		
	Riser 8	K	TMACS	82	84	85	86	81					82
08/24/94	Riser 1	J	TMACS	84		84	84				83		
	Riser 8	K	TMACS	82	84	85	85	82					81
08/25/94	Riser 1	J	TMACS	84		84	84				84		
	Riser 8	K	TMACS	82	84	85	86	81					81
08/26/94	Riser 1	J	TMACS	84		84	84				84		
	Riser 8	K	TMACS	82	84	85	86	81					82
08/27/94	Riser 1	J	TMACS	83		84	84				84		
	Riser 8	K	TMACS	82	84	85	85	82					81
08/28/94	Riser 1	J	TMACS	84		84	84				84		
	Riser 8	K	TMACS	82	84	85	86	82					81

TEMPERATURE PROFILE FOR C112
08/01/1994 - 10/19/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 31.500000 inches as of: 10/01/94

DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10
08/29/94	Riser 1	J	TMACS	84		83	84				84		
	Riser 8	K	TMACS	82	84	85	85	82					82
08/30/94	Riser 1	J	TMACS	83		84	84				84		
	Riser 8	K	TMACS	83	84	85	86	82					82
08/31/94	Riser 1	J	TMACS	84		84	84				84		
	Riser 8	K	TMACS	83	84	85	86	82					82
09/01/94	Riser 1	J	TMACS	84		84	84				84		
	Riser 8	K	TMACS	82	84	85	86	82					82
09/02/94	Riser 1	J	TMACS	84		84	84				84		
	Riser 8	K	TMACS	83	84	85	86	82					82
09/03/94	Riser 1	J	TMACS	84		84	84				84		
	Riser 8	K	TMACS	83	84	86	86	82					82
09/04/94	Riser 1	J	TMACS	84		84	85				84		
	Riser 8	K	TMACS	83	84	86	86	82					82
09/05/94	Riser 1	J	TMACS	84		84	84				84		
	Riser 8	K	TMACS	84	85	86	86	82					82
09/06/94	Riser 1	J	TMACS	84		84	84				84		
	Riser 8	K	TMACS	83	85	86	86	82					82
09/07/94	Riser 1	J	TMACS	84		84	85				84		
	Riser 8	K	TMACS	83	85	86	86	82					82
09/08/94	Riser 1	J	TMACS	84		84	84				84		
	Riser 8	K	TMACS	83	84	85	86	82					82
09/09/94	Riser 1	J	TMACS	84		84	85				84		
	Riser 8	K	TMACS	83	85	86	86	82					82
09/10/94	Riser 1	J	TMACS	84		84	85				85		
	Riser 8	K	TMACS	84	85	86	86	82					82
09/11/94	Riser 1	J	TMACS	84		84	84				85		
	Riser 8	K	TMACS	83	85	86	86	82					82

TEMPERATURE PROFILE FOR C112
08/01/1994 - 10/19/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 31.500000 inches as of: 10/01/94

DATE	RISER		SOURCE	1 (Riser 1 - - - - - 20" / RISER 8 18")	2 (28")	3 (68" / 38")	4 (92" / 48")	5 (58")	6	7	8 (188")	9	10 (188")
09/12/94	Riser 1	J	TMACS	85		84	85				84		
	Riser 8	K	TMACS	83	85	86	86	82					82
09/13/94	Riser 1	J	TMACS	85		84	84				85		
	Riser 8	K	TMACS	83	85	86	87	82					83
09/14/94	Riser 1	J	TMACS	85		85	85				84		
	Riser 8	K	TMACS	84	84	86	86	83					83
09/15/94	Riser 1	J	TMACS	84		84	85				85		
	Riser 8	K	TMACS	84	85	86	86	83					83
09/16/94	Riser 1	J	TMACS	84		85	85				85		
	Riser 8	K	TMACS	84	85	86	87	82					83
09/17/94	Riser 1	J	TMACS	85		84	85				85		
	Riser 8	K	TMACS	84	85	86	86	82					82
09/18/94	Riser 1	J	TMACS	85		85	85				85		
	Riser 8	K	TMACS	84	85	86	87	83					83
09/19/94	Riser 1	J	TMACS	85		85	85				84		
	Riser 8	K	TMACS	84	85	86	86	83					82
09/20/94	Riser 1	J	TMACS	85		85	85				84		
	Riser 8	K	TMACS	84	85	86	86	83					82
09/21/94	Riser 1	J	TMACS	84		85	85				85		
	Riser 8	K	TMACS	84	85	86	86	83					83
09/22/94	Riser 1	J	TMACS	85		85	85				85		
	Riser 8	K	TMACS	84	85	86	86	83					83
09/23/94	Riser 1	J	TMACS	85		85	85				85		
	Riser 8	K	TMACS	84	86	86	87	82					82
09/24/94	Riser 1	J	TMACS	85		85	85				85		
	Riser 8	K	TMACS	84	86	86	86	83					83
09/25/94	Riser 1	J	TMACS	85		85	85				85		
	Riser 8	K	TMACS	84	86	86	87	83					83

TEMPERATURE PROFILE FOR C112
08/01/1994 - 10/19/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 31.500000 inches as of: 10/01/94

DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10
09/26/94	Riser 1	J	TMACS	85		85	84				84		
	Riser 8	K	TMACS	84	85	86	87	83					83
09/27/94	Riser 1	J	TMACS	85		85	85				85		
	Riser 8	K	TMACS	84	86	86	87	82					82
09/28/94	Riser 1	J	TMACS	86		85	85				85		
	Riser 8	K	TMACS	84	86	86	87	83					83
09/29/94	Riser 1	J	TMACS	85		85	85				85		
	Riser 8	K	TMACS	84	85	86	87	83					83
09/30/94	Riser 1	J	TMACS	85		85	86				85		
	Riser 8	K	TMACS	85	86	87	87	83					83
10/01/94	Riser 1	J	TMACS	85		85	85				85		
	Riser 8	K	TMACS	84	86	87	87	83					83
10/02/94	Riser 1	J	TMACS	86		85	86				86		
	Riser 8	K	TMACS	85	86	87	87	83					83
10/03/94	Riser 1	J	TMACS	86		86	85				85		
	Riser 8	K	TMACS	84	86	87	87	83					83
10/04/94	Riser 1	J	TMACS	86		86	85				85		
	Riser 8	K	TMACS	84	86	86	87	83					83
10/05/94	Riser 1	J	TMACS	85		85	85				86		
	Riser 8	K	TMACS	84	86	86	87	83					83
10/06/94	Riser 1	J	TMACS	85		85	85				85		
	Riser 8	K	TMACS	84	85	86	87	83					83
10/07/94	Riser 1	J	TMACS	86		86	86				85		
	Riser 8	K	TMACS	84	86	86	87	83					83
10/08/94	Riser 1	J	TMACS	86		85	85				85		
	Riser 8	K	TMACS	84	86	87	87	83					83
10/09/94	Riser 1	J	TMACS	85		86	85				85		
	Riser 8	K	TMACS	85	86	87	87	83					83

TEMPERATURE PROFILE FOR C112
08/01/1994 - 10/19/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 31.500000 inches as of: 10/01/94

DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10
10/10/94	Riser 1	J	TMACS	86		86	86				85		
	Riser 8	K	TMACS	85	86	86	87	83					83
10/11/94	Riser 1	J	TMACS	86		86	86				85		
	Riser 8	K	TMACS	85	86	87	87	83					83
10/12/94	Riser 1	J	TMACS	86		85	86				85		
	Riser 8	K	TMACS	84	86	86	87	83					83
10/13/94	Riser 1	J	TMACS	86		86	86				86		
	Riser 8	K	TMACS	85	86	87	87	83					82
10/14/94	Riser 1	J	TMACS	86		85	86				85		
	Riser 8	K	TMACS	85	86	86	87	83					83
10/15/94	Riser 1	J	TMACS	85		85	85				85		
	Riser 8	K	TMACS	84	86	86	87	83					83
10/16/94	Riser 1	J	TMACS	85		85	85				85		
	Riser 8	K	TMACS	85	85	86	87	83					83
10/17/94	Riser 1	J	TMACS	86		85	85				85		
	Riser 8	K	TMACS	85	86	86	87	83					83
10/18/94	Riser 1	J	TMACS	85		85	86				85		
	Riser 8	K	TMACS	85	86	87	87	83					83
10/19/94	Riser 1	J	TMACS	86		85	85				85		
	Riser 8	K	TMACS	85	86	86	87	83					83

TEMPERATURE PROFILE FOR
C201
08/01/1994 - 10/19/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 12.000000 inches as of: 10/01/94

TC Height (inches from bottom)				16	40	64	88	112	136	160	184
DATE	RISER		SOURCE	1	2	3	4	5	6	7	8
08/01/94	Riser 6	J	TMACS	63	64						64
08/02/94	Riser 6	J	TMACS	64	63						64
08/03/94	Riser 6	J	TMACS	63	64						63
08/04/94	Riser 6	J	TMACS	64	64						64
08/05/94	Riser 6	J	TMACS	64	64						64
08/06/94	Riser 6	J	TMACS	64	64						65
08/07/94	Riser 6	J	TMACS	64	64						64
08/08/94	Riser 6	J	TMACS	64	64						65
08/09/94	Riser 6	J	TMACS	64	65						64
08/10/94	Riser 6	J	TMACS	64	64						64
08/11/94	Riser 6	J	TMACS	64	65						64
08/12/94	Riser 6	J	TMACS	64	64						65
08/13/94	Riser 6	J	TMACS	64	64						65
08/14/94	Riser 6	J	TMACS	64	64						65
08/15/94	Riser 6	J	TMACS	64	65						65
08/16/94	Riser 6	J	TMACS	65	64						65
08/17/94	Riser 6	J	TMACS	65	64						65
08/18/94	Riser 6	J	TMACS	64	64						65
08/19/94	Riser 6	J	TMACS	65	65						66
08/20/94	Riser 6	J	TMACS	65	65						65
08/21/94	Riser 6	J	TMACS	65	65						65
08/22/94	Riser 6	J	TMACS	66	65						66
08/23/94	Riser 6	J	TMACS	65	64						66
08/24/94	Riser 6	J	TMACS	65	65						66
08/25/94	Riser 6	J	TMACS	65	65						66
08/26/94	Riser 6	J	TMACS	65	66						66
08/27/94	Riser 6	J	TMACS	65	65						66
08/28/94	Riser 6	J	TMACS	65	65						66

TEMPERATURE PROFILE FOR C201
08/01/1994 - 10/19/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 12.000000 inches as of: 10/01/94

TC Height (inches from bottom)				16	40	64	88	112	136	160	184
DATE	RISER		SOURCE	1	2	3	4	5	6	7	8
08/29/94	Riser 6	J	TMACS	65	65						66
08/30/94	Riser 6	J	TMACS	66	66						66
08/31/94	Riser 6	J	TMACS	65	65						66
09/01/94	Riser 6	J	TMACS	65	66						66
09/02/94	Riser 6	J	TMACS	65	65						66
09/03/94	Riser 6	J	TMACS	66	65						66
09/04/94	Riser 6	J	TMACS	66	66						66
09/05/94	Riser 6	J	TMACS	66	66						66
09/06/94	Riser 6	J	TMACS	66	66						66
09/07/94	Riser 6	J	TMACS	66	66						66
09/08/94	Riser 6	J	TMACS	66	66						66
09/09/94	Riser 6	J	TMACS	66	66						66
09/10/94	Riser 6	J	TMACS	66	66						67
09/11/94	Riser 6	J	TMACS	66	66						67
09/12/94	Riser 6	J	TMACS	66	66						67
09/13/94	Riser 6	J	TMACS	66	66						67
09/14/94	Riser 6	J	TMACS	66	66						66
09/15/94	Riser 6	J	TMACS	66	66						67
09/16/94	Riser 6	J	TMACS	66	66						67
09/17/94	Riser 6	J	TMACS	66	66						67
09/18/94	Riser 6	J	TMACS	66	66						67
09/19/94	Riser 6	J	TMACS	66	66						66
09/20/94	Riser 6	J	TMACS	66	66						66
09/21/94	Riser 6	J	TMACS	66	66						66
09/22/94	Riser 6	J	TMACS	66	66						67
09/23/94	Riser 6	J	TMACS	66	66						67
09/24/94	Riser 6	J	TMACS	66	66						67
09/25/94	Riser 6	J	TMACS	66	66						67

TEMPERATURE PROFILE FOR
C201
08/01/1994 - 10/19/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 12.000000 inches as of: 10/01/94

TC Height (inches from bottom)				16	40	64	88	112	136	160	184
DATE	RISER	SOURCE		1	2	3	4	5	6	7	8
09/26/94	Riser 6	J	TMACS	66	66						67
09/27/94	Riser 6	J	TMACS	66	66						67
09/28/94	Riser 6	J	TMACS	66	66						67
09/29/94	Riser 6	J	TMACS	66	66						67
09/30/94	Riser 6	J	TMACS	67	66						67
10/01/94	Riser 6	J	TMACS	67	66						68
10/02/94	Riser 6	J	TMACS	66	67						68
10/03/94	Riser 6	J	TMACS	66	66						67
10/04/94	Riser 6	J	TMACS	66	66						67
10/05/94	Riser 6	J	TMACS	66	66						67
10/06/94	Riser 6	J	TMACS	66	66						67
10/07/94	Riser 6	J	TMACS	67	67						67
10/08/94	Riser 6	J	TMACS	66	66						67
10/09/94	Riser 6	J	TMACS	66	66						67
10/10/94	Riser 6	J	TMACS	66	66						67
10/11/94	Riser 6	J	TMACS	66	66						67
10/12/94	Riser 6	J	TMACS	66	66						67
10/13/94	Riser 6	J	TMACS	66	66						67
10/14/94	Riser 6	J	TMACS	66	66						67
10/15/94	Riser 6	J	TMACS	66	66						67
10/16/94	Riser 6	J	TMACS	66	66						66
10/17/94	Riser 6	J	TMACS	66	66						67
10/18/94	Riser 6	J	TMACS	66	66						66
10/19/94	Riser 6	J	TMACS	66	66						67

TEMPERATUR AOFILE FOR
C2U2
08/01/1994 - 10/19/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 6.500000 inches as of: 10/01/94

TC Height (inches from bottom)				16	40	64	88	112	136	160	184
DATE	RISER		SOURCE	1	2	3	4	5	6	7	8
08/01/94	Riser 6	J	TMACS	63	63						64
08/02/94	Riser 6	J	TMACS	63	63						64
08/03/94	Riser 6	J	TMACS	63	63						64
08/04/94	Riser 6	J	TMACS	63	64						64
08/05/94	Riser 6	J	TMACS	64	64						64
08/06/94	Riser 6	J	TMACS	64	64						65
08/07/94	Riser 6	J	TMACS	64	64						64
08/08/94	Riser 6	J	TMACS	63	64						65
08/09/94	Riser 6	J	TMACS	63	64						65
08/10/94	Riser 6	J	TMACS	64	64						65
08/11/94	Riser 6	J	TMACS	64	64						65
08/12/94	Riser 6	J	TMACS	64	64						65
08/13/94	Riser 6	J	TMACS	63	64						65
08/14/94	Riser 6	J	TMACS	64	64						65
08/15/94	Riser 6	J	TMACS	64	64						65
08/16/94	Riser 6	J	TMACS	64	65						65
08/17/94	Riser 6	J	TMACS	64	64						66
08/18/94	Riser 6	J	TMACS	64	64						65
08/19/94	Riser 6	J	TMACS	64	64						66
08/20/94	Riser 6	J	TMACS	64	64						66
08/21/94	Riser 6	J	TMACS	64	65						66
08/22/94	Riser 6	J	TMACS	64	65						66
08/23/94	Riser 6	J	TMACS	64	65						66
08/24/94	Riser 6	J	TMACS	64	65						66
08/25/94	Riser 6	J	TMACS	64	65						66
08/26/94	Riser 6	J	TMACS	64	65						66
08/27/94	Riser 6	J	TMACS	64	65						66
08/28/94	Riser 6	J	TMACS	65	65						66

TEMPERATURE PROFILE FOR C202
08/01/1994 - 10/19/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 6.500000 inches as of: 10/01/94

TC Height (inches from bottom)				16	40	64	88	112	136	160	184
DATE	RISER		SOURCE	1	2	3	4	5	6	7	8
08/29/94	Riser 6	J	TMACS	64	65						66
08/30/94	Riser 6	J	TMACS	64	65						66
08/31/94	Riser 6	J	TMACS	65	65						66
09/01/94	Riser 6	J	TMACS	65	65						66
09/02/94	Riser 6	J	TMACS	65	65						66
09/03/94	Riser 6	J	TMACS	65	65						66
09/04/94	Riser 6	J	TMACS	65	66						67
09/05/94	Riser 6	J	TMACS	65	66						67
09/06/94	Riser 6	J	TMACS	65	65						67
09/07/94	Riser 6	J	TMACS	65	65						67
09/08/94	Riser 6	J	TMACS	65	65						66
09/09/94	Riser 6	J	TMACS	65	65						66
09/10/94	Riser 6	J	TMACS	65	66						67
09/11/94	Riser 6	J	TMACS	65	66						67
09/12/94	Riser 6	J	TMACS	65	66						67
09/13/94	Riser 6	J	TMACS	65	66						67
09/14/94	Riser 6	J	TMACS	65	66						67
09/15/94	Riser 6	J	TMACS	65	66						67
09/16/94	Riser 6	J	TMACS	65	66						68
09/17/94	Riser 6	J	TMACS	66	66						67
09/18/94	Riser 6	J	TMACS	66	66						67
09/19/94	Riser 6	J	TMACS	65	66						67
09/20/94	Riser 6	J	TMACS	66	66						67
09/21/94	Riser 6	J	TMACS	65	66						67
09/22/94	Riser 6	J	TMACS	66	66						68
09/23/94	Riser 6	J	TMACS	65	66						67
09/24/94	Riser 6	J	TMACS	65	66						68
09/25/94	Riser 6	J	TMACS	66	66						68

TEMPERATURE PROFILE FOR C202
08/01/1994 - 10/19/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 6.500000 inches as of: 10/01/94

TC Height (inches from bottom)				16	40	64	88	112	136	160	184
DATE	RISER	SOURCE		1	2	3	4	5	6	7	8
09/26/94	Riser 6	J	TMACS	65	66						67
09/27/94	Riser 6	J	TMACS	66	66						67
09/28/94	Riser 6	J	TMACS	65	66						68
09/29/94	Riser 6	J	TMACS	66	66						68
09/30/94	Riser 6	J	TMACS	66	67						68
10/01/94	Riser 6	J	TMACS	66	67						68
10/02/94	Riser 6	J	TMACS	65	66						68
10/03/94	Riser 6	J	TMACS	65	66						68
10/04/94	Riser 6	J	TMACS	65	66						67
10/05/94	Riser 6	J	TMACS	66	66						67
10/06/94	Riser 6	J	TMACS	66	66						68
10/07/94	Riser 6	J	TMACS	66	66						67
10/08/94	Riser 6	J	TMACS	66	66						68
10/09/94	Riser 6	J	TMACS	66	66						68
10/10/94	Riser 6	J	TMACS	66	66						68
10/11/94	Riser 6	J	TMACS	66	66						68
10/12/94	Riser 6	J	TMACS	65	66						68
10/13/94	Riser 6	J	TMACS	65	66						68
10/14/94	Riser 6	J	TMACS	66	66						68
10/15/94	Riser 6	J	TMACS	66	66						67
10/16/94	Riser 6	J	TMACS	65	66						67
10/17/94	Riser 6	J	TMACS	66	66						67
10/18/94	Riser 6	J	TMACS	65	66						68
10/19/94	Riser 6	J	TMACS	66	66						67

TEMPERATURE PROFILE FOR C203
08/01/1994 - 10/19/1994

C-204 No access to I/C vault.

TEMPERATURES - °FAHRENHEIT

Surface Level: 19.000000 inches as of: 10/01/94

TC Height (inches from bottom)				16	40	64	88	112	136	160	184
DATE	RISER		SOURCE	1	2	3	4	5	6	7	8
08/01/94	Riser 6	J	TMACS	60	60						61
08/02/94	Riser 6	J	TMACS	60	60						61
08/03/94	Riser 6	J	TMACS	60	60						61
08/04/94	Riser 6	J	TMACS	60	61						62
08/05/94	Riser 6	J	TMACS	61	61						62
08/06/94	Riser 6	J	TMACS	61	61						62
08/07/94	Riser 6	J	TMACS	61	61						62
08/08/94	Riser 6	J	TMACS	61	61						62
08/09/94	Riser 6	J	TMACS	61	62						62
08/10/94	Riser 6	J	TMACS	61	62						62
08/11/94	Riser 6	J	TMACS	61	61						62
08/12/94	Riser 6	J	TMACS	61	61						62
08/13/94	Riser 6	J	TMACS	60	61						62
08/14/94	Riser 6	J	TMACS	61	61						62
08/15/94	Riser 6	J	TMACS	61	62						62
08/16/94	Riser 6	J	TMACS	61	62						62
08/17/94	Riser 6	J	TMACS	62	62						62
08/18/94	Riser 6	J	TMACS	62	62						63
08/19/94	Riser 6	J	TMACS	61	61						62
08/20/94	Riser 6	J	TMACS	62	62						63
08/21/94	Riser 6	J	TMACS	62	62						63
08/22/94	Riser 6	J	TMACS	62	62						63
08/23/94	Riser 6	J	TMACS	62	62						63
08/24/94	Riser 6	J	TMACS	62	62						63
08/25/94	Riser 6	J	TMACS	62	62						63
08/26/94	Riser 6	J	TMACS	62	62						63
08/27/94	Riser 6	J	TMACS	62	62						63
08/28/94	Riser 6	J	TMACS	62	63						64

TEMPERATURE . . .OFILE FOR
C203
08/01/1994 - 10/19/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 19.000000 inches as of: 10/01/94

TC Height (inches from bottom)				16	40	64	88	112	136	160	184
DATE	RISER		SOURCE	1	2	3	4	5	6	7	8
08/29/94	Riser 6	J	TMACS	62	63						64
08/30/94	Riser 6	J	TMACS	62	63						64
08/31/94	Riser 6	J	TMACS	62	63						64
09/01/94	Riser 6	J	TMACS	62	63						63
09/02/94	Riser 6	J	TMACS	62	63						64
09/03/94	Riser 6	J	TMACS	62	63						64
09/04/94	Riser 6	J	TMACS	63	64						65
09/05/94	Riser 6	J	TMACS	62	63						64
09/06/94	Riser 6	J	TMACS	63	63						64
09/07/94	Riser 6	J	TMACS	62	63						64
09/08/94	Riser 6	J	TMACS	62	63						64
09/09/94	Riser 6	J	TMACS	62	63						64
09/10/94	Riser 6	J	TMACS	62	63						64
09/11/94	Riser 6	J	TMACS	62	63						64
09/12/94	Riser 6	J	TMACS	62	63						64
09/13/94	Riser 6	J	TMACS	63	63						64
09/14/94	Riser 6	J	TMACS	62	63						64
09/15/94	Riser 6	J	TMACS	62	63						64
09/16/94	Riser 6	J	TMACS	62	63						64
09/17/94	Riser 6	J	TMACS	62	63						64
09/18/94	Riser 6	J	TMACS	63	63						65
09/19/94	Riser 6	J	TMACS	63	64						64
09/20/94	Riser 6	J	TMACS	62	63						64
09/21/94	Riser 6	J	TMACS	62	63						64
09/22/94	Riser 6	J	TMACS	62	63						64
09/23/94	Riser 6	J	TMACS	62	63						64
09/24/94	Riser 6	J	TMACS	62	63						64
09/25/94	Riser 6	J	TMACS	62	63						64

TEMPERATURE PROFILE FOR
C203
08/01/1994 - 10/19/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 19.000000 inches as of: 10/01/94

TC Height (inches from bottom)				16	40	64	88	112	136	160	184
DATE	RISER		SOURCE	1	2	3	4	5	6	7	8
09/26/94	Riser 6	J	TMACS	62	63						64
09/27/94	Riser 6	J	TMACS	63	63						65
09/28/94	Riser 6	J	TMACS	62	63						65
09/29/94	Riser 6	J	TMACS	63	63						65
09/30/94	Riser 6	J	TMACS	63	64						65
10/01/94	Riser 6	J	TMACS	63	64						65
10/02/94	Riser 6	J	TMACS	63	64						65
10/03/94	Riser 6	J	TMACS	63	63						65
10/04/94	Riser 6	J	TMACS	63	63						64
10/05/94	Riser 6	J	TMACS	63	63						64
10/06/94	Riser 6	J	TMACS	62	63						65
10/07/94	Riser 6	J	TMACS	62	63						64
10/08/94	Riser 6	J	TMACS	63	63						64
10/09/94	Riser 6	J	TMACS	63	63						65
10/10/94	Riser 6	J	TMACS	62	63						64
10/11/94	Riser 6	J	TMACS	63	64						65
10/12/94	Riser 6	J	TMACS	62	63						64
10/13/94	Riser 6	J	TMACS	62	63						64
10/14/94	Riser 6	J	TMACS	62	63						64
10/15/94	Riser 6	J	TMACS	63	63						64
10/16/94	Riser 6	J	TMACS	62	63						64
10/17/94	Riser 6	J	TMACS	62	63						64
10/18/94	Riser 6	J	TMACS	63	63						64
10/19/94	Riser 6	J	TMACS	62	63						64

TEMPERATURE PROFILE FOR S101
01/01/1993 - 10/18/1994

Rating 1
expected completion date 3/15/95

TEMPERATURES - °FAHRENHEIT

Surface Level: 162.300000 inches as of: 10/06/94

T/C Height (ft)

DATE	RISER		SOURCE	14" 0.48'* 1	37" 2.44'* 2	61" 4.44'* 3	85" 6.44'* 4	109" 8.44'* 5	301" 24.44' (To use) 6
07/02/93	Historical		MANUAL		115		109		
01/01/94	Historical		MANUAL		118		114		
07/02/94	Riser 14	J	MANUAL	116	117	115	112	106	89
07/25/94	Riser 14	J	MANUAL	105	106	107	107	105	82

* T/C in waste

TOTAL depth 14m (45' 1 inch)
2.5m (8' - 1 inch)
37' X 12 = 444"
444" - 301" = 143"

8.44' = 101.28" = 105°F
24.44' = 293.28" = 88°F
162.3" = 23°F / 192" × 61.02"
= 7.31°F = 105°F - 7.31°
= 98°F - 82°F.

162.3
101.28
61.02

Riser elev. 665.94'
tank bottom elev. 620.43'
45.51'
12
546" - 301.00 = 245.12"

24.44 / 12 = 293.28

2.44 × 5 / 12 = 7.26

Above the waste Temperature
162.3" — 301"
98 — 82°F

TEMPERATURE PROFILE FOR
S102
08/01/1994 - 10/18/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 204.800000 inches as of: 10/06/94

				0.48 ' X	2.44 ' X	4.44 ' X	6.44 ' X	8.44 ' X	24.44 ' X	
TC Height (inches from bottom)				4	28	52	76	100	288	
DATE	RISER		SOURCE	1 TC	2	3	4	5	6	TC illegible
08/01/94	Riser 3	J	MANUAL	102	104	104	104	103	81	
08/08/94	Riser 3	J	MANUAL	103	105	107	107	105	83	
08/15/94	Riser 3	J	MANUAL	103	105	106	105	103	83	
08/22/94.	Riser 3	J	MANUAL	103	105	106	106	103	83	
08/22/94	Riser 3	J	MANUAL	105	106	107	107	105	85	
08/29/94	Riser 3	J	MANUAL	105	106	107	107	105	85	
09/05/94	Riser 3	J	MANUAL	104	106	106	107	105	86	
09/12/94	Riser 3	J	MANUAL	105	106	107	107	106	86	
09/19/94	Riser 3	J	MANUAL	105	106	107	106	105	86	
09/26/94	Riser 3	J	MANUAL	104	105	106	106	104	85	
09/27/94	Riser 3	J	MANUAL	102	105	106	106	105	86	
10/03/94	Riser 3	J	MANUAL	104	106	106	106	104	85	
10/10/94	Riser 3	J	MANUAL	104	106	107	106	105	86	

X T/C in waste

does not include semi annual temps took (not in this date range)

Bushpa Bhatia
372-2224
372-0164

no data for
5X113
5X115 N1086

Done - do I need a charge code from Ken or this Brenda

TEMPERATURE PROFILE FOR
S103
01/01/1993 - 10/18/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 105.470000 inches as of: 10/06/94

T/C Height (ft)

DATE	RISER		SOURCE	1 0.43' 5" *	2 2.39' 29" *	3 4.39' 53" *	4 6.39' 77" *	5 8.39' 101"	6 24.39' 293"
02/13/93	Historical		MANUAL	88	86	84		72	69
07/02/93	Historical		MANUAL		84	82		73	71
01/01/94	Historical		MANUAL	85	86	116°		75	72
07/02/94	Riser 4	J	MANUAL	-	88	72		63	76

* T/C in waste

" From report WHC-SD-WM-TI-594 Rev. 1

TEMPERATURE PROFILE FOR
S104
01/01/1993 - 10/18/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 112.250000 inches as of: 07/02/94

6" 30" 54" 79" 102" 126" 246"

DATE	RISER	SOURCE	1	2	3	4	5	6	7	8	9	10	11	12	13	14
02/13/93	Historical	MANUAL	107	106	108	103	90	84	84	83	83	83	83	83	83	83
07/02/93	Historical	MANUAL	102	102	103	99	88	83	83	83	83	83	83	83	83	83
01/02/94	Historical	MANUAL	98	106	107		92	86	85	85	85	85	85	85	85	85
07/02/94	Riser 4 J	MANUAL	106	106	107		93	88	87	88	88	88	87	88	88	88

Estimated T/C Height (inches)

TEMPERATURE PROFILE FOR S105
01/01/1993 - 10/18/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 158.000000 inches as of: 10/05/94

DATE	RISER		SOURCE	1 (7" / 0.56 ft)	2 (31" / 2.56 ft)	3 (55" / 4.56 ft)	4 (79" / 6.56 ft)	5 (103" / 8.56 ft)	6 (127" / 10.56 ft)	7 (151" / 12.56 ft)	8 (175" / 14.56 ft)	9 (199" / 16.56 ft)	10 (18.56 ft)	11 (20.56 ft)	12 (22.56 ft / 271")	13 (26.56 ft)	14 (366.72" / 30.56 ft)
01/03/93	Historical		MANUAL	77	76	76	74	73	70	68	67	67	67	67	67	67	67
02/13/93	Historical		MANUAL	76	76	74	72	70	67	64	63	63	63	63	63	63	63
07/02/93	Historical		MANUAL	73	72	70	69	67	66	65	65	65	65	65	65	65	65
01/02/94	Historical		MANUAL	77	77	76	74	73	71	68	68	68	68	68	68	68	68
07/02/94	Riser 4	J	MANUAL	76	75	75	73	72	71	70	70	70	70	70	70	70	70

T/C upto 12.56 ft in waste

TEMPERATURE PROFILE FOR
S106
01/01/1993 - 10/18/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 178.530000 inches as of: 10/06/94

T/C Height 6" 30" 54" 78" 102" 126" 150" 174" 198" 222" 270"

DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10	11	12	13	14
01/03/93	Historical		MANUAL	80	81	73	81	80	79	76	71	67	67	67	67	67	67
02/13/93	Historical		MANUAL	79	80	69*	80	79	77	73	67	63	63	63	63	63	63
07/02/93	Historical		MANUAL	93	77	57	76	74	72	70	67	65	65	65	65	65	65
01/02/94	Historical		MANUAL	80	81	61	81	80	79	76	72	68	68	68	68	68	67
07/02/94	Riser 2	J	MANUAL		80		79	79	76	74	71	71	71	70	70	70	70

T/C Height (ft) 0.46 2.46 4.46 6.46 8.46 10.46 12.46 14.46 16.46 18.46 20.46 22.46 26.46 30.44'

365.52"

TEMPERATURE PROFILE FOR S107
01/01/1993 - 10/18/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 144.870000 inches as of: 10/06/94

				T/C Height (inches)	6"	29"	53"	77"	101"	293"
DATE	RISER		SOURCE		1	2	3	4	5	6
02/13/93	Historical		MANUAL		106	105	102	96	78	78
07/02/93	Historical		MANUAL		106	104	101	98	(93)	80
01/02/94	Historical		MANUAL		109	108	105	102	97	81
07/02/94	Riser 4	J	MANUAL		108	107	106	103	98	84
old data	T/C Height (ft)				0.48	2.44	4.44	6.44	8.44	24.44

TEMPERATURE PROFILE FOR
S108
01/01/1993 - 10/18/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 171.800000 inches as of: 10/06/94

T/C Height (in) 5 29 53 77 101 125 149 173 197 221 245 ? 317

DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10	11	12	13	14
01/03/93	Historical		MANUAL	87		88	88	88	86	82	76	68	65	66	66	74*	65
02/13/93	Historical		MANUAL	86		88	88	86	84	79	72	64	62	62	62	69	59
07/02/93	Historical		MANUAL	84		84	85	83	80	76	72	67	64	65	67	49	60
01/02/94	Historical		MANUAL	87		88	89	88	86	82	77	70	68	68	68	71	68
07/02/94	Riser 4	J	MANUAL	88			90	86	84	78	77	73	69	71	71		57

20.45' 22.45' 26.45' 30.45'
365.4"

TEMPERATU ROFILE FOR
S109
01/01/1993 - 10/18/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 173.000000 inches as of: 10/06/94

T/C Height (Inches) 6 30 54 78 102 126 150 174 198 222 222 270

DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10	11	12	13	14
02/13/93	Historical		MANUAL	82						66				55			
07/02/93	Historical		MANUAL							48*							
01/02/94	Historical		MANUAL	33*						68							
07/06/94	Riser 4	J	MANUAL	85	85	84	85	83	81	78	74	72	71	71	71	71	71
07/07/94	Riser 4	J	MANUAL	85	85	84	85	83	81	78	74	72	71	71	71	71	71

0.49' 2.49 20.49' 22.49' 26.49' 30.49' = 365.88"

TEMPERATURE PROFILE FOR
S110
01/01/1993 - 10/18/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 149.300000 inches as of: 10/06/94

			T/c Height	6"	29"	53"	77"	101"	293"
DATE	RISER		SOURCE	1	2	3	4	5	6
02/13/93	Historical		MANUAL	117	117	113	110	105	72
07/02/93	Historical		MANUAL	115	115	110	106	104	76
01/01/94	Historical		MANUAL	31	117	116	113	109	108
07/08/94	Riser 4	J	MANUAL	117	117	112	109		79
	T/c Height			0.47'	2.43'	4.43'	6.43'	8.43'	24.43

TEMPERATUR ROFILE FOR
S111
08/01/1994 - 10/18/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 203.710000 inches as of: 10/06/94

	TC Height (inches from bottom)			4	28	52	76	100	124	148	172	196	220	244	268	316	364
DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10	11	12	13	14
08/01/94	Riser 4	J	MANUAL	89	89	89	88	85	82	78	76	76	75	75	75	75	75
08/08/94	Riser 4	J	MANUAL	91	91	91	89	87	84	81	79	78	78	78	78	78	78
08/15/94	Riser 4	J	MANUAL	89	89	89	87	85		79	77	77	77	77	77	77	77
08/22/94	Riser 4	J	MANUAL	91	91	91	90	87	85	82	80	80	79	79	79	79	79
08/22/94	Riser 4	J	MANUAL	91	91	91	90	88	85	82	80	80	79	79	79	79	80
08/29/94	Riser 4	J	MANUAL	91	91	91	91	88	86	83	81	80	80	80	80	80	80
09/05/94	Riser 4	J	MANUAL	91	91	92	91	88	39*	83	81	81	81	80	80	80	80
09/12/94	Riser 4	J	MANUAL	92	92	92	92	86	88	84	82	82	82	81		81	81
09/19/94	Riser 4	J	MANUAL	91	91	91	90	89	86	84	81	81	81	81	81	81	81
09/26/94	Riser 4	J	MANUAL	91	91	91	90	88	86	83	81	81	81	80		80	80
09/27/94	Riser 4	J	MANUAL	91	91	91	90	85		83	81	81	81	81			81
10/03/94	Riser 4	J	MANUAL	91	91	91	90	89	86	84	81	81	81	80	80	80	80
10/10/94	Riser 4	J	MANUAL	91	91	91	91	89		84	81	81	81	81	81	81	81

TEMPERATURE PROFILE FOR
S112
08/01/1994 - 10/18/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 197.000000 inches as of: 10/06/94

TC Height (inches from bottom)				4	28	52	76	100	124	148	172	196	220	244	268	316	364
DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10	11	12	13	14
08/01/94	Riser 4	J	MANUAL			67	80			73	75	71	68	67	66		
08/08/94	Riser 4	J	MANUAL			69	82			75	78	74	71	71	69		
08/08/94	Riser 4	J	MANUAL	82	83	83	83	82	81	80	78	75	74	74	74	74	74
08/15/94	Riser 4	J	MANUAL			67	80			74	77	73	69	69	68		
08/15/94	Riser 4	J	MANUAL	81	81	82	82	81	80	79	76						
08/22/94	Riser 4	J	MANUAL			68	82			76	79	75	72	72	71		
08/22/94	Riser 4	J	MANUAL			69	83			76	80	76	73	73	71		
08/22/94	Riser 4	J	MANUAL	82	82	83	83	82	82	80	78						
08/29/94	Riser 4	J	MANUAL			68	80			77	80	76	73	73	72		
08/29/94	Riser 4	J	MANUAL	82	82	83	83	83	82	81	79						
09/05/94	Riser 4	J	MANUAL			68*	83			77	80	77	74	74	73		
09/12/94	Riser 4	J	MANUAL			68*	84				81	78	75	75	75		90
09/12/94	Riser 4	J	MANUAL	80	81	82	82	81	81	80	78	75	75	74	75	75	
09/19/94	Riser 4	J	MANUAL			68	83			81	81	77	75	75	73		
09/19/94	Riser 4	J	MANUAL	80	80	82	82	81	81	81	79	76	75	76	76	76	
09/26/94	Riser 4	J	MANUAL	80	80	82	82	81	81	80	78	74	74	75	75	74	
09/26/94	Riser 4	J	MANUAL			67	82			81	81	77	73	73	74		
09/27/94	Riser 4	J	MANUAL			68	82			82	81	77	73	74	74		
10/03/94	Riser 4	J	MANUAL			68	82			81	81	77	73	74	73		
10/03/94	Riser 4	J	MANUAL	80	83	84	84	84	83	83	80						
10/10/94	Riser 4	J	MANUAL			69	83			82	82	78	74	75	74		
10/10/94.	Riser 4	J	MANUAL	82	83	84	84	84	84	83	81						

TEMPERATURE PROFILE FOR SX101
08/01/1994 - 10/18/1994

15 mo.
Expected completion date 3/15/95

TEMPERATURES - °FAHRENHEIT

Surface Level: 172.000000 inches as of: 10/06/94

	TC Height (inches from bottom)			4	28	52	76
DATE	RISER		SOURCE	1	2	3	4
08/01/94	Riser 15	J	MANUAL	135			121
08/08/94	Riser 15	J	MANUAL	137			210*
08/09/94	Riser 15	J	MANUAL	135			140
08/15/94	Riser 15	J	MANUAL	135			121
08/22/94	Riser 15	J	MANUAL	136			123
08/22/94	Riser 15	J	MANUAL	137			122
08/29/94	Riser 15	J	MANUAL	137			124
09/05/94	Riser 15	J	MANUAL	136			128
09/12/94	Riser 15	J	MANUAL	137			137
09/19/94	Riser 15	J	MANUAL	137			123
09/26/94	Riser 15	J	MANUAL	137			122
09/27/94	Riser 15	J	MANUAL	138			127
10/03/94	Riser 15	J	MANUAL	137			124
10/10/94	Riser 15	J	MANUAL				123
10/11/94	Riser 15	J	MANUAL	138			125

waste temp

No Temp.

Failed

TMACS systems will go in riser 15

X NOT HOOKED

SOURCE: WHC-SD-WM-TI-594 REV. 1

TEMPERATURE PROFILE FOR
SX102
08/01/1994 - 10/18/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 196.400000 inches as of: 10/06/94

TC Height (inches from bottom)				4	28	52	76	100	366
DATE	RISER		SOURCE	1	2	3	4	5	6
08/01/94	Riser 16	J	MANUAL	149	145	140	134	127	96
08/08/94	Riser 16	J	MANUAL	151	148	143	137	131	99
08/15/94	Riser 16	J	MANUAL	149	145	140	135	128	97
08/22/94	Riser 16	J	MANUAL	149	146	141	136	129	98
08/22/94	Riser 16	J	MANUAL	151	148	138	137	130	98
08/29/94	Riser 16	J	MANUAL	151	147	142	137	130	99
09/05/94	Riser 16	J	MANUAL	150	147	143	138	131	100
09/12/94	Riser 16	J	MANUAL	150	147	142	136	129	99
09/19/94	Riser 16	J	MANUAL	151	148	142	137	130	100
09/26/94	Riser 16	J	MANUAL	151	147	142	137	130	100
09/27/94	Riser 16	J	MANUAL	152	149	143	138	132	101
10/03/94	Riser 16	J	MANUAL	150	147	141	137	130	100
10/10/94	Riser 16	J	MANUAL	151	147	141	173	130	100

TMACS system in riser 16

366
196.4
169.6

100°F — 132°F

@ 100" = 132°F

@ 366" = 100°F

266" = 32°F

1 = 32°F / 266 × 96"

= 11.55°F

139°F − 11.55°F = 120.45°F

TEMPERATURE PROFILE FOR
SX103
08/01/1994 - 10/18/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 241.000000 inches as of: 10/06/94

	TC Height (inches from bottom)			4	28	52	76	100
DATE	RISER		SOURCE	1	2	3	4	5
08/01/94	Riser 2	J	MANUAL	170	171	169		155
08/08/94	Riser 2	J	MANUAL	172	175	172		159
08/15/94	Riser 2	J	MANUAL	170	172	169		156
08/22/94	Riser 2	J	MANUAL	171	173	171		158
08/22/94	Riser 2	J	MANUAL	172	174	171		158
08/29/94	Riser 2	J	MANUAL	172	174	171		158
09/05/94	Riser 2	J	MANUAL	171	173	173		159
09/12/94	Riser 2	J	MANUAL	171	173	170		157
09/19/94	Riser 2	J	MANUAL	172	174	171		158
09/26/94	Riser 2	J	MANUAL	172	174	171		157
09/27/94	Riser 2	J	MANUAL	173	175	172		159
10/03/94	Riser 2	J	MANUAL	171	173	171		157
10/10/94	Riser 2 ✓	J	MANUAL	172	173	171		157

TEMPERATURE PROFILE FOR
SX104
08/01/1994 - 10/18/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 225.500000 inches as of: 10/06/94

	TC Height (inches from bottom)			4	28	52	76	100	366
DATE	RISER		SOURCE	1	2	3	4	5	6
08/01/94	Riser 2	J	MANUAL	165		155	148	142	92
08/08/94	Riser 2	J	MANUAL	168	180*	158	151	145	95
08/15/94	Riser 2	J	MANUAL	165		155	149	142	93
08/22/94	Riser 2	J	MANUAL	166		157	150	144	92
08/22/94	Riser 2	J	MANUAL	167		157	151	144	93
08/29/94	Riser 2	J	MANUAL	166		156	150	148	94
09/05/94	Riser 2	J	MANUAL	166		158	152	146	96
09/12/94	Riser 2	J	MANUAL	168		158	151	145	96
09/19/94	Riser 2	J	MANUAL	169		157	151	144	95
09/26/94	Riser 2	J	MANUAL	195*		182*	174*		102*
09/27/94	Riser 2	J	MANUAL	169		158	152	145	96
10/03/94	Riser 2	J	MANUAL	167		157	150	143	95
10/10/94	Riser 2 ✓	J	MANUAL	167		157	150		95

366
225
141

366" 95°F
100" 145°F

266 50°F x 125
266"
= 23.50

145 - 23.50 = 121.50

TEMPERATUR .OFILE FOR
SX105
08/01/1994 - 10/18/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 247.500000 inches as of: 10/06/94

	TC Height (inches from bottom)			4	28	52	76	100	147	366
DATE	RISER		SOURCE	1	2	3	4	5		6
08/01/94	Riser 2	J	MANUAL	176		172	164	157		99
08/08/94	Riser 2	J	MANUAL	180		174	154	159		97
08/15/94	Riser 2	J	MANUAL	177		171	164	157		94
08/22/94	Riser 2	J	MANUAL	178		173	164	151		94
08/22/94	Riser 2	J	MANUAL	179		173	165	159		96
08/29/94	Riser 2	J	MANUAL	178		173	165	159		96
09/05/94	Riser 2	J	MANUAL	178	162	164	174	164		160
09/12/94	Riser 2	J	MANUAL	180	162	174	166	160		98
09/19/94	Riser 2	J	MANUAL	179		173	166	159		98
09/26/94	Riser 2	J	MANUAL	210*		203*	192*	184*		105*
09/27/94	Riser 2	J	MANUAL	181		173	167	160	126	99
10/03/94	Riser 2	J	MANUAL	179		173	165	158		97
10/10/94	Riser 2	J	MANUAL	179		173	165	156	123	97

100 160
366 -99
266" 61°F X 147
266"
= 33.71
160° - 33.71° = 126.29

100 156
366 97
266 59
59/266 X 147 = 32.61
156 - 32.61 = 123.39

TEMPERATURE PROFILE FOR
SX106
08/01/1994 - 10/18/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 200.180000 inches as of: 10/06/94

TC Height (inches from bottom)				4	28	52	76	100		366
DATE	RISER		SOURCE	1	2	3	4	5		6
08/01/94	Riser 16	K	MANUAL	109	106	106	105	99		86
08/08/94	Riser 16	K	MANUAL	97*	95*	95*	94*	91*		81*
08/15/94	Riser 16	K	MANUAL	108	105	105	104	99		86
08/22/94	Riser 16	K	MANUAL	101*	98*	98*	97*	93*		81*
08/22/94	Riser 16	K	MANUAL	112	108	108	107	102		90
08/23/94	Riser 16	K	MANUAL	103	100	101	100	95		83
08/29/94	Riser 16	K	MANUAL	111	108	107	107	101		89
09/05/94	Riser 16	K	MANUAL	98	95	95	95	90		78
09/12/94	Riser 16	K	MANUAL	115	110	109	108	103		92
09/19/94	Riser 16	K	MANUAL	107	105	104	104	98		87
09/26/94	Riser 16	K	MANUAL	108	105	105	104	98		87
09/27/94	Riser 16	K	MANUAL	102	100	100	99	94	89	83
10/03/94	Riser 16	K	MANUAL	110	107	107	106	101		89
10/10/94	Riser 16	K	MANUAL	110	108	107	107	102	98	90

200"

$102^{\circ} - 4.51^{\circ}F = 97.49$

100" 102°

366 90°

266" $\frac{12^{\circ}}{266} \times 100 = 4.51^{\circ}F$

1

100" — $94^{\circ}F$

366" $83^{\circ}F$

$226 = \frac{11^{\circ}F}{266"} \times 100"$

$= 4.14^{\circ}F$

TEMPERATURE PROFILE FOR
SX107
08/01/1994 - 10/18/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 33.750000 inches as of: 10/02/94

DATE	RISER		SOURCE	1	2	3	4	5	6	7	8
	RISER 10 / RISER 14			16 / 11	24 / 19	33 / 28	41 / 37	51" / 46"			74" / 69"
08/01/94	Riser 10	J	MANUAL	171	165	156	146	132	124	122	122
	Riser 14	J	MANUAL	169	160			123	122	121	
09/01/94	Riser 10	J	MANUAL	170	165	156	145	131	123	121	121
	Riser 14	J	MANUAL	169	159			122	121	120	
10/02/94	Riser 10	J	MANUAL	172	167	158	147	132	125	123	122
	Riser 14	J	MANUAL	172	162			123	122	122	
10/03/94	Riser 10	J	MANUAL	173	168	159	148	133	125	124	123
	Riser 14	J	MANUAL	172	163			125	124	123	
10/10/94	Riser 10	J	MANUAL	174	169	159	148	134	126	124	123
	Riser 14	J	MANUAL	172	163			125	124	123	

Riser 19

19 / 9 / 28 / 9 / 37 / 9 / 46

24 / 9 / 33 / 9 / 42 / 9 / 51

TEMPERATURE PROFILE FOR
SX108
08/01/1994 - 10/18/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 32.750000 inches as of: 10/02/94

DATE	RISER		SOURCE	1	2	3	4
08/01/94	Riser 10	J	MANUAL	193	173	142	138
	Riser 19	J	MANUAL	198	168	137	138
09/01/94	Riser 10	J	MANUAL	193	172	142	137
	Riser 19	J	MANUAL	197	167	137	137
10/02/94	Riser 10 ✓	J	MANUAL	194 ✓	172 ✓	142 ✓	139 ✓
	Riser 19	J	MANUAL	198 X	168 X	139 X	139 X
10/03/94	Riser 10 ✓	J	MANUAL	195	175 ✓	145 ✓	140 ✓
	Riser 19	J	MANUAL	199 X	170 X	140 X	141 X
10/10/94	Riser 10 ✓	J	MANUAL	196	176 ✓	145 ✓	141 ✓
	Riser 19	J	MANUAL	200 X	170 X	140 X	141 X

TEMPERATUR[illegible]OFILE FOR SX109
08/01/1994 - 10/18/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 95.000000 inches as of: 07/02/94

DATE	RISER		SOURCE	Riser 10 / Riser 19 16" / 11" 1	24" / 19" 2	33" / 28" 3	41" / 36" 4	50" / 45" 5	58" / 53" 6	7	74" / 69" 8
08/01/94	Riser 10	J	MANUAL	145	145	145	142	139	135	131	126
	Riser 19	J	MANUAL	149	148	145	141	138	135	131	127
08/08/94	Riser 10	J	MANUAL	147	147	146	145	141	137	132	127
	Riser 19	J	MANUAL	151	150	147	143	140	136	133	128
08/15/94	Riser 10	J	MANUAL	145	145	144	142	138	134	130	124
	Riser 19	J	MANUAL	149	148	145	141	137	134	130	125
08/22/94	Riser 10	J	MANUAL	147	147	146	144	140	136	131	
	Riser 19	J	MANUAL	152	150	147	143	140	136	132	128
08/22/94	Riser 10	J	MANUAL	145	145	145	143	139	135	130	125
	Riser 19	J	MANUAL	150	149	146	143	139	135	131	127
08/29/94	Riser 10	J	MANUAL	147	147	146	143	140	135	137	125
	Riser 19	J	MANUAL	151	150	147	143	139	136	131	127
09/01/94	Riser 10	J	MANUAL	145	145	144	142	138	134	130	125
	Riser 19	J	MANUAL	148	147	144	141	137	134	131	127
09/05/94	Riser 10	J	MANUAL	145	146	145	143	140	135	131	126
	Riser 19	J	MANUAL	150	150	146	142	138	135	131	126
09/12/94	Riser 10	J	MANUAL	148	48*	147	144	140	136	132	127
	Riser 19	J	MANUAL	152	151	147	143	140	136	132	128
09/19/94	Riser 10	J	MANUAL	147	147	146	143	140	136	132	127
	Riser 19	J	MANUAL	151	149	146	143	139	136	132	128
09/26/94	Riser 10	J	MANUAL	147	146	145	143	140	136	132	127
	Riser 19	J	MANUAL	150	150	146	142	139	136	132	128
09/27/94	Riser 10	J	MANUAL	146	146	146	144	141	(137)	133	(128)
	Riser 19	J	MANUAL	150	150	147	143	139	136 —	133 —	129 —
10/03/94	Riser 10	J	MANUAL	146	146	145	143	139	(136)	132	(127)
	Riser 19	J	MANUAL	150	149	146	142	139	136 —	132 —	128 —
10/10/94	Riser 10	J	MANUAL	147	147	146	143	140	(136)	132	(128)
	Riser 19	J	MANUAL	151	149	147	143	140	136 —	133 —	129 —

TEMPERATURE PROFILE FOR
SX110
08/01/1994 - 10/18/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 28.500000 inches as of: 10/02/94

Risers 12 (inches) 16 24 33 41 74
Risers 20 (inches) 11 19 28 69 —

DATE	RISER		SOURCE	1	2	3	4	5	6	7	8
08/01/94	Riser 12	J	MANUAL	173	170	163	151	134	122	119	119
	Riser 20	J	MANUAL	169	160	142	125	118	118	118	118
09/01/94	Riser 12	J	MANUAL	173	170	162	150	133	121	119	118
	Riser 20	J	MANUAL	168	159	141	125	118	118	118	117
09/29/94	Riser 12	J	MANUAL	173	171	164	153	137	126	124	123
	Riser 20	J	MANUAL	170	161	146	131	125	124	123	123
10/02/94	Riser 12	J	MANUAL	171	168	161	150 ✓	134 ✓	124 ✓	122 ✓	121 ✓
	Riser 20	J	MANUAL	168	160	144	129	122	122	121	120
10/03/94	Riser 12	J	MANUAL	173	171	163	152 ✓	136 ✓	125 ✓	123 ✓	122 ✓
	Riser 20	J	MANUAL	169	161	145	130	124	123	123	123
10/10/94	Riser 12	J	MANUAL	174	171	164	153 ✓	136 ✓	126 ✓	123 ✓	123 ✓
	Riser 20	J	MANUAL	170	161	145	131	124	124	123	123

TEMPERATURE PROFILE FOR
SX111
08/01/1994 - 10/18/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 49.750000 inches as of: 10/02/94

DATE	RISER		SOURCE	1	2	3	4	5	6	7	8
	Riser 10 / Riser 19			16 / 11	24 / 19	33 / 28	41 / 36	50 ?			74 / 69
08/01/94	Riser 10	J	MANUAL	192	192	186	176	158	138	131	130
	Riser 19	J	MANUAL	165	162	154	142	130	130	130	132
09/01/94	Riser 10	J	MANUAL	191	191	176	158	137	138	131	130
	Riser 19	J	MANUAL	164	161	141	130	130	130	130	132
10/02/94	Riser 10	J	MANUAL	193	193	189	178	160	139	133	132
	Riser 19	J	MANUAL	166	163	155	143	130	131	131	132
10/03/94	Riser 10	J	MANUAL	194	195	190	179	160	139	133	132
	Riser 19	J	MANUAL	167	164	156	144	132	132	132	134
10/10/94	Riser 10	J	MANUAL	195	195	190	179	161	139	133	133
	Riser 19	J	MANUAL	167	164	156	144	132	133	132	134

TEMPERATURE PROFILE FOR
SX112
08/01/1994 - 10/18/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 34.750000 inches as of: 10/02/94

Riser 10 RISER 19 — 16 11 — 24 19 — 33 28 — 41 — — — — 74 69

DATE	RISER		SOURCE	1	2	3	4	5	6	7	8
08/01/94	Riser 10	J	MANUAL	151	148	141	133	125	123	123	123
	Riser 19	J	MANUAL	158	150	139	128	124	124	124	123
09/01/94	Riser 10	J	MANUAL	151	147	141	133	125	123	123	122
	Riser 19	J	MANUAL	158	150	139	128	124	123	123	123
10/02/94	Riser 10	J	MANUAL	151	148	142	134	127	124	127	124
	Riser 19	J	MANUAL	157	151	140	130	126	126	125	125
10/03/94	Riser 10	J	MANUAL	152	149	143	136	129	127	126	126
	Riser 19	J	MANUAL	158	152	141	131	127	127	127	127
10/10/94	Riser 10	J	MANUAL	153	150	143	136	129	128	127	127
	Riser 19	J	MANUAL	159	152	142	131	128	127	127	127

TEMPERATURE PROFILE FOR
SX113
01/01/1993 - 10/18/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 15.000000 inches as of: 10/02/94

7/7/94 RISER 10 6" 186"

DATE	RISER	SOURCE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
02/13/93	Historical	MANUAL	75	75	75	75	75	75	38*	74	74	74	74	74	74	74	74	74		
07/02/93	Historical	MANUAL	73	73	73	73	73	73	76	73	73	74	74	74	74	74	74	74		
01/06/94	Historical	MANUAL	76	76	76	76	76	76	57	76	76	76	76	77	77	77	77	77		
07/02/94	Riser 3 J	MANUAL	79	79	79	79	79	79	59	79	79	79	79	79	79	79	79	79	79	79

TEMPERATURE PROFILE FOR
SX113
01/01/1993 - 10/18/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 15.000000 inches as of: 10/02/94

DATE	RISER	SOURCE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
02/13/93	Historical	MANUAL	75	75	75	75	75	75	38*	74	74	74	74	74	74	74	74	74		
07/02/93	Historical	MANUAL	73	73	73	73	73	73	76	73	73	74	74	74	74	74	74	74		
01/06/94	Historical	MANUAL	76	76	76	76	76	76	57	76	76	76	76	77	77	77	77	77		
07/02/94	Riser 3 J	MANUAL	79	79	79	79	79	79	59	79	79	79	79	79	79	79	79	79	79	79

TEMPERATURE PROFILE FOR
SX113
01/01/1993 - 10/18/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 15.000000 inches as of: 10/02/94

DATE	RISER	SOURCE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
02/13/93	Historical	MANUAL	75	75	75	75	75	75	38*	74	74	74	74	74	74	74	74	74		
07/02/93	Historical	MANUAL	73	73	73	73	73	73	76	73	73	74	74	74	74	74	74	74		
01/06/94	Historical	MANUAL	76	76	76	76	76	76	57	76	76	76	76	77	77	77	77	77		
07/02/94	Riser 3 J	MANUAL	79	79	79	79	79	79	59	79	79	79	79	79	79	79	79	79	79	79

TEMPERATURE PROFILE FOR
SX114
08/01/1994 - 10/18/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 65.600000 inches as of: 10/03/94

RISER 10 - - - 16 24 33 41 50 58 74
RISER 19 - - 11 19 28 36 45 53 69

DATE	RISER		SOURCE	1	2	3	4	5	6	7	8
08/01/94	Riser 10	J	MANUAL	190	187	181	174	165	156	146	135
	Riser 19	J	MANUAL	188	181	172	162	152	143	134	129
09/01/94	Riser 10	J	MANUAL	189	186	180	174	164	155	145	134
	Riser 19	J	MANUAL	188	181	171	162	151	142	133	129
09/29/94	Riser 10	J	MANUAL	192	190	184	178	168	159	148	138
	Riser 19	J	MANUAL	190	184	175	165	155	145	136	132
10/02/94	Riser 10	J	MANUAL	189	187	181	175	166	157	147	135
	Riser 19	J	MANUAL	188	181	172	163	153	144	135	130
10/03/94	Riser 10	J	MANUAL	192	190	184	177	168	159	148	137
	Riser 19	J	MANUAL	190	184	175	165	155	145	136	132
10/10/94	Riser 10	J	MANUAL	193	190	185	178	168	159	148	137
	Riser 19	J	MANUAL	191	184	175	165	155	145	136	132

No data for SX-115

TEMPERATURE PROFILE FOR T101

08/01/1994 - 10/18/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 32.700000 inches as of: 10/05/94

	TC Height (inches from bottom)			24	48	72	96	120	144	168	192	216	240	264
DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10	11
08/01/94	Riser 8	J	TMACS	67	68	68					68			69
08/02/94	Riser 8	J	TMACS	68	67	68					68			69
08/03/94	Riser 8	J	TMACS	68	68	68					68			69
08/04/94	Riser 8	J	TMACS	68	67	68					69			70
08/05/94	Riser 8	J	TMACS	68	68	69					69			70
08/06/94	Riser 8	J	TMACS	68	68	69					69			70
08/07/94	Riser 8	J	TMACS	68	68	69					69			70
08/08/94	Riser 8	J	TMACS	68	68	69					69			71
08/09/94	Riser 8	J	TMACS	68	68	69					69			71
08/10/94	Riser 8	J	TMACS	68	68	69					69			71
08/11/94	Riser 8	J	TMACS	68	68	69					69			70
08/12/94	Riser 8	J	TMACS	68	68	69					69			70
08/13/94	Riser 8	J	TMACS	68	68	69					69			70
08/14/94	Riser 8	J	TMACS	68	68	69					69			70
08/15/94	Riser 8	J	MANUAL	69	69	70					70			72
	Riser 8	J	TMACS	68	68	69					69			71
08/16/94	Riser 8	J	TMACS	68	68	69					69			71
08/17/94	Riser 8	J	TMACS	69	68	69					70			71
08/18/94	Riser 8	J	TMACS	69	69	70					70			72
08/19/94	Riser 8	J	TMACS	69	69	69					69			71
08/20/94	Riser 8	J	TMACS	69	69	69					70			71
08/21/94	Riser 8	J	TMACS	69	69	70					70			71
08/22/94	Riser 8	J	TMACS	69	69	70					70			72
08/23/94	Riser 8	J	TMACS	69	69	70					70			72
08/24/94	Riser 8	J	TMACS	69	69	70					70			72
08/25/94	Riser 8	J	TMACS	69	69	70					70			72
08/26/94	Riser 8	J	TMACS	69	69	70					70			72
08/27/94	Riser 8	J	TMACS	69	69	70					71			72

TEMPERATURE PROFILE FOR
T101
08/01/1994 - 10/18/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 32.700000 inches as of: 10/05/94

TC Height (inches from bottom)				24	48	72	96	120	144	168	192	216	240	264
DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10	11
08/28/94	Riser 8	J	TMACS	69	69	70					70			72
08/29/94	Riser 8	J	TMACS	69	69	70					70			72
08/30/94	Riser 8	J	TMACS	69	69	70					70			72
08/31/94	Riser 8	J	TMACS	70	69	70					71			72
09/01/94	Riser 8	J	TMACS	69	69	70					71			72
09/02/94	Riser 8	J	TMACS	69	69	70					71			73
09/03/94	Riser 8	J	TMACS	69	69	70					71			73
09/04/94	Riser 8	J	TMACS	69	69	71					71			73
09/05/94	Riser 8	J	TMACS	70	70	71					71			73
09/06/94	Riser 8	J	TMACS	69	69	71					71			73
09/07/94	Riser 8	J	TMACS	69	70	71					71			73
09/08/94	Riser 8	J	TMACS	69	70	71					71			73
09/09/94	Riser 8	J	TMACS	70	70	71					71			73
09/10/94	Riser 8	J	TMACS	69	70	71					71			73
09/11/94	Riser 8	J	TMACS	70	71	71					72			74
09/12/94	Riser 8	J	TMACS	70	70	71					71			73
09/13/94	Riser 8	J	TMACS	70	70	71					71			73
09/14/94	Riser 8	J	TMACS	70	70	71					71			73
09/15/94	Riser 8	J	TMACS	70	70	71					71			73
09/16/94	Riser 8	J	TMACS	70	70	71					71			73
09/17/94	Riser 8	J	TMACS	70	70	71					71			73
09/20/94	Riser 8	J	TMACS	70	70	71					71			73
09/21/94	Riser 8	J	TMACS	70	70	71					71			73
09/22/94	Riser 8	J	TMACS	70	70	71					71			73
09/23/94	Riser 8	J	TMACS	70	70	71					72			73
09/24/94	Riser 8	J	TMACS	70	71	71					71			73
09/25/94	Riser 8	J	TMACS	70	70	71					72			73
09/26/94	Riser 8	J	TMACS	70	70	71					71			73

TEMPERATURE PROFILE FOR
T101
08/01/1994 - 10/18/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 32.700000 inches as of: 10/05/94

TC Height (inches from bottom)			24	48	72	96	120	144	168	192	216	240	264
DATE	RISER	SOURCE	1	2	3	4	5	6	7	8	9	10	11
09/27/94	Riser 8	J TMACS	70	71	71					72			73
09/28/94	Riser 8	J TMACS	71	71	71					71			74
09/29/94	Riser 8	J TMACS	70	70	71					71			73
09/30/94	Riser 8	J TMACS	71	70	71					71			74
10/01/94	Riser 8	J TMACS	70	70	71					71			73
10/02/94	Riser 8	J TMACS	70	71	71					72			74
10/03/94	Riser 8	J TMACS	71	70	71					71			73
10/04/94	Riser 8	J TMACS	71	71	72					72			73
10/05/94	Riser 8	J TMACS	70	71	71					71			73
10/06/94	Riser 8	J TMACS	71	71	71					72			73
10/07/94	Riser 8	J TMACS	71	71	71					72			73
10/08/94	Riser 8	J TMACS	71	71	72					72			73
10/09/94	Riser 8	J TMACS	71	71	71					72			74
10/10/94	Riser 8	J TMACS	71	71	71					72			73
10/11/94	Riser 8	J TMACS	71	71	72					72			74
10/12/94	Riser 8	J TMACS	71	70	71					72			73
10/13/94	Riser 8	J TMACS	71	71	72					72			74
10/14/94	Riser 8	J TMACS	71	71	71					72			73
10/15/94	Riser 8	J TMACS	71	71	72					72			73
10/16/94	Riser 8	J TMACS	71	71	71					72			73
10/17/94	Riser 8	J TMACS	71	71	71					71			73
10/18/94	Riser 8	J TMACS	71	71	71					71			73

TEMPERATURE PROFILE FOR
T103
08/01/1994 - 10/18/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 6.000000 inches as of: 10/11/94

TC Height (inches from bottom)				24	48	72	96	120	144	168	192	216	240	264
DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10	11
08/01/94	Riser 8	J	TMACS	65	65					66				68
08/02/94	Riser 8	J	TMACS	65	65					66				68
08/03/94	Riser 8	J	TMACS	64	65					66				68
08/04/94	Riser 8	J	TMACS	65	65					66				68
08/05/94	Riser 8	J	TMACS	65	66					66				68
08/06/94	Riser 8	J	TMACS	65	65					66				69
08/07/94	Riser 8	J	TMACS	65	66					67				69
08/08/94	Riser 8	J	TMACS	66	66					67				69
08/09/94	Riser 8	J	TMACS	66	66					67				69
08/10/94	Riser 8	J	TMACS	66	66					67				69
08/11/94	Riser 8	J	TMACS	65	66					67				69
08/12/94	Riser 8	J	TMACS	65	66					67				69
08/13/94	Riser 8	J	TMACS	66	66					67				69
08/14/94	Riser 8	J	TMACS	66	66					67				69
08/15/94	Riser 8	J	TMACS	66	66					67				70
08/16/94	Riser 8	J	TMACS	66	66					67				70
08/17/94	Riser 8	J	TMACS	66	66					67				70
08/18/94	Riser 8	J	TMACS	66	66					67				70
08/19/94	Riser 8	J	TMACS	66	66					67				69
08/20/94	Riser 8	J	TMACS	66	66					67				70
08/21/94	Riser 8	J	TMACS	66	67					67				70
08/22/94	Riser 8	J	TMACS	66	67					67				70
08/23/94	Riser 8	J	TMACS	66	67					68				70
08/24/94	Riser 8	J	TMACS	67	67					68				71
08/25/94	Riser 8	J	TMACS	66	67					68				70
08/26/94	Riser 8	J	TMACS	66	67					67				70
08/27/94	Riser 8	J	TMACS	66	67					68				71
08/28/94	Riser 8	J	TMACS	66	67					67				70

TEMPERATURE PROFILE FOR
T103
08/01/1994 - 10/18/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 6.000000 inches as of: 10/11/94

TC Height (inches from bottom)				24	48	72	96	120	144	168	192	216	240	264
DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10	11
08/29/94	Riser 8	J	TMACS	67	67					68				71
08/30/94	Riser 8	J	TMACS	66	67					68				71
08/31/94	Riser 8	J	TMACS	67	67					68				71
09/01/94	Riser 8	J	TMACS	67	67					68				71
09/02/94	Riser 8	J	TMACS	67	67					68				71
09/03/94	Riser 8	J	TMACS	67	68					68				71
09/04/94	Riser 8	J	TMACS	67	68					69				72
09/05/94	Riser 8	J	TMACS	67	67					68				71
09/06/94	Riser 8	J	TMACS	67	67					68				71
09/07/94	Riser 8	J	TMACS	67	67					68				71
09/08/94	Riser 8	J	TMACS	67	68					68				72
09/09/94	Riser 8	J	TMACS	67	68					69				72
09/10/94	Riser 8	J	TMACS	67	67					68				71
09/11/94	Riser 8	J	TMACS	67	68					69				72
09/12/94	Riser 8	J	TMACS	67	68					68				71
09/13/94	Riser 8	J	TMACS	67	68					69				71
09/14/94	Riser 8	J	TMACS	67	68					69				72
09/15/94	Riser 8	J	TMACS	68	68					69				71
09/16/94	Riser 8	J	TMACS	67	68					69				71
09/17/94 30	Riser 8	J	TMACS	68	68					68				72
09/20/94	Riser 8	J	TMACS	67	68					69				71
09/21/94	Riser 8	J	TMACS	67	68					69				71
09/22/94	Riser 8	J	TMACS	67	68					68				71
09/23/94	Riser 8	J	TMACS	68	68					69				72
09/24/94	Riser 8	J	TMACS	68	68					69				72
09/25/94	Riser 8	J	TMACS	68	68					69				72
09/26/94	Riser 8	J	TMACS	67	68					69				72
09/27/94	Riser 8	J	TMACS	67	68					69				72

TEMPERATURE PROFILE FOR
T103
08/01/1994 - 10/18/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 6.000000 inches as of: 10/11/94

TC Height (inches from bottom)				24	48	72	96	120	144	168	192	216	240	264
DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10	11
09/28/94	Riser 8	J	TMACS	68	68					69				72
09/29/94	Riser 8	J	TMACS	68	68					69				71
09/30/94	Riser 8	J	TMACS	68	68					69				72
10/01/94	Riser 8	J	TMACS	68	68					69				72
10/02/94	Riser 8	J	TMACS	68	68					69				72
10/03/94	Riser 8	J	TMACS	68	68					69				72
10/04/94	Riser 8	J	TMACS	68	68					69				72
10/05/94	Riser 8	J	TMACS	67	68					69				72
10/06/94	Riser 8	J	TMACS	67	68					69				72
10/07/94	Riser 8	J	TMACS	68	69					69				73
10/08/94	Riser 8	J	TMACS	68	68					69				72
10/09/94	Riser 8	J	TMACS	68	68					69				72
10/10/94	Riser 8	J	TMACS	68	68					69				72
10/11/94	Riser 8	J	TMACS	68	68					69				72
10/12/94	Riser 8	J	TMACS	68	68					69				71
10/13/94	Riser 8	J	TMACS	68	68					69				72
10/14/94	Riser 8	J	TMACS	68	68					69				72
10/15/94	Riser 8	J	TMACS	67	68					69				72
10/16/94	Riser 8	J	TMACS	68	69					69				72
10/17/94	Riser 8	J	TMACS	68	68					69				72
10/18/94	Riser 8	J	TMACS	68	68					69				72

TEMPERATURE PROFILE FOR T104
08/01/1994 - 10/18/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 154.750000 inches as of: 10/01/94

	TC Height (inches from bottom)			24	48	72	96	120	144	168	192	216	240	264
DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10	11
08/01/94	Riser 4	J	TMACS	64	63		63	63	64	66	68			64
08/02/94	Riser 4	J	TMACS	64	64		63	63	64	66	68			64
08/03/94	Riser 4	J	TMACS	64	63		62	63	64	66	68			64
08/04/94	Riser 4	J	TMACS	64	63		62	63	64	66	68			64
08/05/94	Riser 4	J	TMACS	64	63		63	63	64	66	68			65
08/06/94	Riser 4	J	TMACS	64	64		63	63	64	66	69			65
08/07/94	Riser 4	J	TMACS	64	63		63	63	64	66	69			65
08/08/94	Riser 4	J	TMACS	64	64		63	64	64	67	69			65
08/09/94	Riser 4	J	TMACS	64	63		63	64	64	67	69			66
08/10/94	Riser 4	J	TMACS	64	63		63	64	64	67	69			66
08/11/94	Riser 4	J	TMACS	64	63		63	63	64	67	69			66
08/12/94	Riser 4	J	TMACS	64	63		63	64	64	67	70			66
08/13/94	Riser 4	J	TMACS	64	63		63	63	65	67	70			66
08/14/94	Riser 4	J	TMACS	63	63		62	63	64	67	69			66
08/15/94	Riser 4	J	TMACS	64	63		63	64	64	67	70			66
08/16/94	Riser 4	J	TMACS	64	63		63	63	64	67	69			67
08/17/94	Riser 4	J	TMACS	64	64		63	64	64	67	70			67
08/18/94	Riser 4	J	TMACS	64	63		63	64	65	68	70			67
08/19/94	Riser 4	J	TMACS	63	64		64	63	65	68	70			66
08/20/94	Riser 4	J	TMACS	63	63		63	64	64	67	70			67
08/21/94	Riser 4	J	TMACS	64	63		63	64	65	68	70			67
08/22/94	Riser 4	J	TMACS	64	63		63	64	65	68	70			67
08/23/94	Riser 4	J	TMACS	64	63		63	63	65	68	70			67
08/24/94	Riser 4	J	TMACS	64	64		63	64	65	68	70			67
08/25/94	Riser 4	J	TMACS	64	64		63	64	65	68	70			67
08/26/94	Riser 4	J	TMACS	64	64		64	64	65	69	71			68
08/27/94	Riser 4	J	TMACS	64	63		64	64	65	68	71			67
08/28/94	Riser 4	J	TMACS	63	63		63	64	65	68	70			68

TEMPERATURE PROFILE FOR
T104
08/01/1994 - 10/18/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 154.750000 inches as of: 10/01/94

TC Height (inches from bottom)				24	48	72	96	120	144	168	192	216	240	264
DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10	11
08/29/94	Riser 4	J	TMACS	64	64		63	64	65	68	71			68
08/30/94	Riser 4	J	TMACS	64	63		63	64	65	68	71			67
08/31/94	Riser 4	J	TMACS	64	63		64	64	65	69	71			68
09/01/94	Riser 4	J	TMACS	64	63		64	64	66	69	71			68
09/02/94	Riser 4	J	TMACS	63	64		64	64	66	69	71			68
09/03/94	Riser 4	J	TMACS	64	63		64	64	66	68	71			68
09/04/94	Riser 4	J	TMACS	64	63		64	64	66	69	71			68
09/05/94	Riser 4	J	TMACS	64	63		64	64	66	69	71			68
09/06/94	Riser 4	J	TMACS	64	63		64	64	66	69	71			68
09/07/94	Riser 4	J	TMACS	64	64		64	64	66	69	71			68
09/08/94	Riser 4	J	TMACS	64	63		64	64	66	69	71			69
09/09/94	Riser 4	J	TMACS	64	64		64	64	66	69	71			69
09/10/94	Riser 4	J	TMACS	64	63		63	64	66	69	71			69
09/11/94	Riser 4	J	TMACS	64	64		64	65	67	70	72			69
09/12/94	Riser 4	J	TMACS	63	63		63	64	66	69	71			68
09/13/94	Riser 4	J	TMACS	64	63		63	64	66	69	71			69
09/14/94	Riser 4	J	TMACS	64	63		63	64	65	69	70			69
09/15/94	Riser 4	J	TMACS	64	63		63	64	66	69	72			69
09/16/94	Riser 4	J	TMACS	64	63		64	64	66	69	72			69
09/17/94	Riser 4	J	TMACS	64	63		64	64	66	69	72			69
09/20/94	Riser 4	J	TMACS	63	63		63	64	66	69	72			69
09/21/94	Riser 4	J	TMACS	63	63		64	64	66	69	72			69
09/22/94	Riser 4	J	TMACS	64	63		64	64	66	69	71			69
09/23/94	Riser 4	J	TMACS	64	64		64	64	66	69	72			69
09/24/94	Riser 4	J	TMACS	64	64		64	65	66	69	72			69
09/25/94	Riser 4	J	TMACS	64	64		64	65	67	70	71			69
09/26/94	Riser 4	J	TMACS	64	63		64	65	67	69	71			69
09/27/94	Riser 4	J	TMACS	64	63		64	65	67	70	72			69

TEMPERATURE PROFILE FOR T104
08/01/1994 - 10/18/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 154.750000 inches as of: 10/01/94

	TC Height (inches from bottom)			24	48	72	96	120	144	168	192	216	240	264
DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10	11
09/28/94	Riser 4	J	TMACS	64	64		64	65	67	70	72			69
09/29/94	Riser 4	J	TMACS	63	63		64	64	67	69	71			69
09/30/94	Riser 4	J	TMACS	64	64		64	65	67	70	72			69
10/01/94	Riser 4	J	TMACS	64	63		64	65	67	70	72			69
10/02/94	Riser 4	J	TMACS	64	63	65*	64	65	67	70	72			69
10/03/94	Riser 4	J	TMACS	64	64	65*	64	65	67	70	72			69
10/04/94	Riser 4	J	TMACS	64	64		64	66	67	70	72			69
10/05/94	Riser 4	J	TMACS	63	63	65*	64	65	67	70	72			69
10/06/94	Riser 4	J	TMACS	63	63	65*	64	65	67	70	72			69
10/07/94	Riser 4	J	TMACS	64	63	65*	64	65	68	70	73			69
10/08/94	Riser 4	J	TMACS	64	63	65*	64	65	67	70	72			69
10/09/94	Riser 4	J	TMACS	64	64	65*	64	65	67	70	72			69
10/10/94	Riser 4	J	TMACS	64	64	65*	64	65	68	70	72			69
10/11/94	Riser 4	J	TMACS	64	64	65*	64	65	68	70	73			69
10/12/94	Riser 4	J	TMACS	64	64	65*	65	65	68	70	72			69
10/13/94	Riser 4	J	TMACS	64	63	65*	64	66	67	70	72			69
10/14/94	Riser 4	J	TMACS	64	64	65*	64	66	68	70	72			69
10/15/94	Riser 4	J	TMACS	64	64	65*	64	65	67	70	72			69
10/16/94	Riser 4	J	TMACS	63	63	65*	64	65	67	70	72			69
10/17/94	Riser 4	J	TMACS	64	64	65*	65	66	68	71	73			69
10/18/94	Riser 4	J	TMACS	64	63	65*	64	65	67	70	72			69

Example TMACS DATA

TEMPERATURE PROFILE FOR T106
08/01/1994 - 10/18/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 3.200000 inches as of: 10/01/94

TC Height (inches from bottom)				24	48	72	96	120	144	168	192	216	240	264
DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10	11
08/01/94	Riser 8	J	TMACS	63	64					64				66
08/02/94	Riser 8	J	TMACS	64	64					65				66
08/03/94	Riser 8	J	TMACS	63	64					64				67
08/04/94	Riser 8	J	TMACS	64	64					64				67
08/05/94	Riser 8	J	TMACS	64	64					65				67
08/06/94	Riser 8	J	TMACS	64	64					65				67
08/07/94	Riser 8	J	TMACS	64	64					65				68
08/08/94	Riser 8	J	TMACS	64	65					65				68
08/09/94	Riser 8	J	TMACS	64	64					65				68
08/10/94	Riser 8	J	TMACS	64	65					66				68
08/11/94	Riser 8	J	TMACS	64	65					65				68
08/12/94	Riser 8	J	TMACS	65	65					65				68
08/13/94	Riser 8	J	TMACS	65	65					66				69
08/14/94	Riser 8	J	TMACS	64	64					65				68
08/15/94	Riser 8	J	TMACS	65	65					66				68
08/16/94	Riser 8	J	TMACS	65	65					66				68
08/17/94	Riser 8	J	TMACS	65	65					66				69
08/18/94	Riser 8	J	TMACS	66	65					67				69
08/19/94	Riser 8	J	TMACS	65	66					66				69
08/20/94	Riser 8	J	TMACS	66	65					66				69
08/21/94	Riser 8	J	TMACS	66	65					66				69
08/22/94	Riser 8	J	TMACS	66	66					66				69
08/23/94	Riser 8	J	TMACS	65	66					67				69
08/24/94	Riser 8	J	TMACS	66	66					66				69
08/25/94	Riser 8	J	TMACS	66	66					66				69
08/26/94	Riser 8	J	TMACS	66	66					67				69
08/27/94	Riser 8	J	TMACS	66	66					67				69
08/28/94	Riser 8	J	TMACS	66	66					66				70

TEMPERATURE PROFILE FOR T106
08/01/1994 - 10/18/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 3.200000 inches as of: 10/01/94

TC Height (inches from bottom)				24	48	72	96	120	144	168	192	216	240	264
DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10	11
08/29/94	Riser 8	J	TMACS	66	66					67				70
08/30/94	Riser 8	J	TMACS	66	66					67				70
08/31/94	Riser 8	J	TMACS	66	66					67				70
09/01/94	Riser 8	J	TMACS	66	66					67				70
09/02/94	Riser 8	J	TMACS	66	67					67				70
09/03/94	Riser 8	J	TMACS	66	67					67				70
09/04/94	Riser 8	J	TMACS	66	66					67				70
09/05/94	Riser 8	J	TMACS	67	67					67				70
09/06/94	Riser 8	J	TMACS	66	67					67				70
09/07/94	Riser 8	J	TMACS	67	67					67				70
09/08/94	Riser 8	J	TMACS	67	66					67				70
09/09/94	Riser 8	J	TMACS	67	67					67				70
09/10/94	Riser 8	J	TMACS	67	67					68				70
09/11/94	Riser 8	J	TMACS	67	67					68				71
09/12/94	Riser 8	J	TMACS	67	66					68				70
09/13/94	Riser 8	J	TMACS	67	66					68				71
09/14/94	Riser 8	J	TMACS	67	67					68				71
09/15/94	Riser 8	J	TMACS	67	67					68				70
09/16/94	Riser 8	J	TMACS	67	67					68				71
09/17/94	Riser 8	J	TMACS	67	67					68				71
09/20/94	Riser 8	J	TMACS	67	67					68				71
09/21/94	Riser 8	J	TMACS	67	67					68				70
09/22/94	Riser 8	J	TMACS	67	67					68				70
09/23/94	Riser 8	J	TMACS	68	67					68				71
09/24/94	Riser 8	J	TMACS	67	68					68				71
09/25/94	Riser 8	J	TMACS	68	67					68				71
09/26/94	Riser 8	J	TMACS	67	67					68				71
09/27/94	Riser 8	J	TMACS	67	67					68				71

TEMPERATURE PROFILE FOR
T106
08/01/1994 - 10/18/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 3.200000 inches as of: 10/01/94

TC Height (Inches from bottom)				24	48	72	96	120	144	168	192	216	240	264
DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10	11
09/28/94	Riser 8	J	TMACS	68	68					68				71
09/29/94	Riser 8	J	TMACS	67	67					68				71
09/30/94	Riser 8	J	TMACS	68	68					68				71
10/01/94	Riser 8	J	TMACS	68	68					68				71
10/02/94	Riser 8	J	TMACS	67	67					68				71
10/03/94	Riser 8	J	TMACS	68	68					68				71
10/04/94	Riser 8	J	TMACS	68	67					68				70
10/05/94	Riser 8	J	TMACS	67	68					68				71
10/06/94	Riser 8	J	TMACS	68	67					68				71
10/07/94	Riser 8	J	TMACS	68	68					69				71
10/08/94	Riser 8	J	TMACS	68	68					68				70
10/09/94	Riser 8	J	TMACS	68	68					69				71
10/10/94	Riser 8	J	TMACS	68	68					69				71
10/11/94	Riser 8	J	TMACS	67	67					68				71
10/12/94	Riser 8	J	TMACS	67	67					68				71
10/13/94	Riser 8	J	TMACS	68	68					68				71
10/14/94	Riser 8	J	TMACS	68	68					68				71
10/15/94	Riser 8	J	TMACS	67	67					68				70
10/16/94	Riser 8	J	TMACS	68	68					68				71
10/17/94	Riser 8	J	TMACS	68	68					68				71
10/18/94	Riser 8	J	TMACS	68	68					68				70

TEMPERATURE PROFILE FOR T107
08/01/1994 - 10/18/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 61.550000 inches as of: 10/06/94

	TC Height (inches from bottom)			24	48	72	96	120	144	168	192	216	240	264
DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10	11
08/01/94	Riser 4	J	TMACS	64	64	65	67				67			68
08/02/94	Riser 4	J	TMACS	64	65	66	66				67			68
08/03/94	Riser 4	J	TMACS	64	64	66	66				67			68
08/04/94	Riser 4	J	TMACS	64	65	66	67				67			69
08/05/94	Riser 4	J	TMACS	64	64	66	67				68			69
08/06/94	Riser 4	J	TMACS	64	65	66	67				68			69
08/07/94	Riser 4	J	TMACS	64	65	66	67				68			69
08/08/94	Riser 4	J	TMACS	65	66	67	68				68			69
08/09/94	Riser 4	J	TMACS	64	65	66	67				68			69
08/10/94	Riser 4	J	TMACS	64	65	67	68				68			69
08/11/94	Riser 4	J	TMACS	64	64	67	68				68			70
08/12/94	Riser 4	J	TMACS	64	65	67	68				68			69
08/13/94	Riser 4	J	TMACS	64	65	67	68				68			70
08/14/94	Riser 4	J	TMACS	64	65	67	68				68			70
08/15/94	Riser 4	J	MANUAL	65	65	67	68				68			69
	Riser 4	J	TMACS	64	65	67	68				68			70
08/16/94	Riser 4	J	TMACS	64	65	67	68				68			70
08/17/94	Riser 4	J	TMACS	65	66	67	68				68			70
08/18/94	Riser 4	J	TMACS	65	66	67	68				69			71
08/19/94	Riser 4	J	TMACS	65	66	67	68				69			70
08/20/94	Riser 4	J	TMACS	64	66	67	68				69			70
08/21/94	Riser 4	J	TMACS	65	65	67	68				68			70
08/22/94	Riser 4	J	TMACS	64	66	68	69				69			71
08/22/94	Riser 4	J	MANUAL	65	66	68	69				70			71
08/23/94	Riser 4	J	TMACS	65	66	67	69				69			71
08/24/94	Riser 4	J	TMACS	65	66	68	69				69			71
08/25/94	Riser 4	J	TMACS	64	66	67	69				69			71
08/26/94	Riser 4	J	TMACS	65	66	68	69				69			71

TEMPERATURE PROFILE FOR
T107
08/01/1994 - 10/18/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 61.550000 inches as of: 10/06/94

TC Height (inches from bottom)				24	48	72	96	120	144	168	192	216	240	264
DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10	11
08/27/94	Riser 4	J	TMACS	65	66	68	69				69			72
08/28/94	Riser 4	J	TMACS	65	66	67	69				69			71
08/29/94	Riser 4	J	TMACS	65	66	68	69				70			71
08/30/94	Riser 4	J	TMACS	65	66	68	69				69			72
08/31/94	Riser 4	J	TMACS	65	66	68	69				69			71
09/01/94	Riser 4	J	TMACS	65	66	68	69				70			71
09/02/94	Riser 4	J	TMACS	65	66	68	69				69			72
09/03/94	Riser 4	J	TMACS	65	66	68	69				70			72
09/04/94	Riser 4	J	TMACS	65	66	68	69				70			72
09/05/94	Riser 4	J	TMACS	66	67	68	69				70			72
09/06/94	Riser 4	J	TMACS	65	66	68	69				70			72
09/07/94	Riser 4	J	TMACS	65	66	69	70				70			72
09/08/94	Riser 4	J	TMACS	66	67	68	70				70			72
09/09/94	Riser 4	J	TMACS	65	66	69	69				70			72
09/10/94	Riser 4	J	TMACS	66	67	69	69				70			73
09/11/94	Riser 4	J	TMACS	66	67	69	70				71			73
09/12/94	Riser 4	J	TMACS	65	67	69	69				70			72
09/13/94	Riser 4	J	TMACS	66	67	69	70				70			73
09/14/94	Riser 4	J	TMACS	66	66	69	70				70			72
09/15/94	Riser 4	J	TMACS	66	67	69	70				71			73
09/16/94	Riser 4	J	TMACS	66	67	69	70				70			73
09/17/94	Riser 4	J	TMACS	66	67	69	70				71			73
09/19/94	Riser 4	J	MANUAL	65	65	65	68	68	70	66	66	67	71	
09/20/94	Riser 4	J	TMACS	66	67	68	70				70			72
09/21/94	Riser 4	J	TMACS	65	67	69	69				70			72
09/22/94	Riser 4	J	TMACS	66	67	69	70				70			73
09/23/94	Riser 4	J	TMACS	66	67	69	70				71			73
09/24/94	Riser 4	J	TMACS	66	67	69	70				71			72

TEMPERATURE PROFILE FOR T107
08/01/1994 - 10/18/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 61.550000 inches as of: 10/06/94

	TC Height (inches from bottom)			24	48	72	96	120	144	168	192	216	240	264
DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10	11
09/25/94	Riser 4	J	TMACS	66	67	69	70				70			73
09/26/94	Riser 4	J	TMACS	66	67	69	70				71			73
09/27/94	Riser 4	J	TMACS	66	67	69	70				70			73
09/28/94	Riser 4	J	TMACS	66	67	69	70				71			73
09/29/94	Riser 4	J	TMACS	66	67	69	70				70			72
09/30/94	Riser 4	J	TMACS	66	68	69	71				71			73
10/01/94	Riser 4	J	TMACS	66	67	69	70				70			72
10/02/94	Riser 4	J	TMACS	66	68	69	70				70			73
10/03/94	Riser 4	J	TMACS	66	67	69	70				71			73
10/04/94	Riser 4	J	TMACS	66	67	69	70				70			73
10/05/94	Riser 4	J	TMACS	66	68	69	70				71			73
10/06/94	Riser 4	J	TMACS	66	67	69	70				70			73
10/07/94	Riser 4	J	TMACS	66	68	70	71				71			73
10/08/94	Riser 4	J	TMACS	66	68	70	70				71			73
10/09/94	Riser 4	J	TMACS	67	68	69	71				71			73
10/10/94	Riser 4	J	MANUAL	65	66	67	68	69	70	67	67	68	71	
	Riser 4	J	TMACS	67	68	70	70				71			73
10/11/94	Riser 4	J	TMACS	66	67	69	70				71			72
10/12/94	Riser 4	J	TMACS	66	67	69	69				70			72
10/13/94	Riser 4	J	TMACS	66	68	70	71				71			73
10/14/94	Riser 4	J	TMACS	67	68	69	70				71			73
10/15/94	Riser 4	J	TMACS	66	67	69	70				70			72
10/16/94	Riser 4	J	TMACS	66	68	70	70				71			73
10/17/94	Riser 4	J	TMACS	66	67	69	70				70			73
10/18/94	Riser 4	J	TMACS	66	68	69	70				71			73

TEMPERATURE PROFILE FOR T108
08/01/1994 - 10/18/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 13.250000 inches as of: 10/06/94

TC Height (inches from bottom)				24	48	72	96	120	144	168	192	216	240	264
DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10	11
08/01/94	Riser 4	J	TMACS	66	67					63				66
08/02/94	Riser 4	J	TMACS	66	67					64				66
08/03/94	Riser 4	J	TMACS	66	67					63				66
08/04/94	Riser 4	J	TMACS	66	67					64				66
08/05/94	Riser 4	J	TMACS	66	68					64				67
08/06/94	Riser 4	J	TMACS	66	68					64				67
08/07/94	Riser 4	J	TMACS	66	68					64				66
08/08/94	Riser 4	J	TMACS	67	69					64				67
08/09/94	Riser 4	J	TMACS	66	68					64				67
08/10/94	Riser 4	J	TMACS	67	68					64				67
08/11/94	Riser 4	J	TMACS	67	68					64				67
08/12/94	Riser 4	J	TMACS	66	68					64				67
08/13/94	Riser 4	J	TMACS	67	68					64				68
08/14/94	Riser 4	J	TMACS	67	68					65				67
08/15/94	Riser 4	J	TMACS	67	68					65				68
08/16/94	Riser 4	J	TMACS	66	68					65				68
08/17/94	Riser 4	J	TMACS	66	68					65				68
08/18/94	Riser 4	J	TMACS	67	69					65				68
08/19/94	Riser 4	J	TMACS	67	69					65				68
08/20/94	Riser 4	J	TMACS	67	69					65				68
08/21/94	Riser 4	J	TMACS	67	69					65				69
08/22/94	Riser 4	J	TMACS	67	69					65				69
08/23/94	Riser 4	J	TMACS	68	69					66				69
08/24/94	Riser 4	J	TMACS	68	69					66				69
08/25/94	Riser 4	J	TMACS	67	69					66				69
08/26/94	Riser 4	J	TMACS	68	69					66				69
08/27/94	Riser 4	J	TMACS	68	69					66				69
08/28/94	Riser 4	J	TMACS	68	69					66				69

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T1U8
08/01/1994 - 10/18/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 13.250000 inches as of: 10/06/94

	TC Height (inches from bottom)			24	48	72	96	120	144	168	192	216	240	264
DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10	11
08/29/94	Riser 4	J	TMACS	68	69					66				69
08/30/94	Riser 4	J	TMACS	68	69					66				69
08/31/94	Riser 4	J	TMACS	68	69					66				69
09/01/94	Riser 4	J	TMACS	68	69					66				69
09/02/94	Riser 4	J	TMACS	68	70					66				69
09/03/94	Riser 4	J	TMACS	68	70					66				69
09/04/94	Riser 4	J	TMACS	68	69					66				70
09/05/94	Riser 4	J	TMACS	69	70					66				70
09/06/94	Riser 4	J	TMACS	69	70					66				70
09/07/94	Riser 4	J	TMACS	68	70					66				70
09/08/94	Riser 4	J	TMACS	68	70					66				69
09/09/94	Riser 4	J	TMACS	68	69					66				70
09/10/94	Riser 4	J	TMACS	69	70					66				69
09/11/94	Riser 4	J	TMACS	69	71					66				70
09/12/94	Riser 4	J	TMACS	68	70					66				70
09/13/94	Riser 4	J	TMACS	69	70					66				69
09/14/94	Riser 4	J	TMACS	69	70					66				69
09/15/94	Riser 4	J	TMACS	69	70					66				69
09/16/94	Riser 4	J	TMACS	69	71					66				70
09/17/94	Riser 4	J	TMACS	69	71					67				70
09/20/94	Riser 4	J	TMACS	68	70					67				70
09/21/94	Riser 4	J	TMACS	69	70					66				71
09/22/94	Riser 4	J	TMACS	69	70					66				70
09/23/94	Riser 4	J	TMACS	69	70					66				70
09/24/94	Riser 4	J	TMACS	69	70					67				70
09/25/94	Riser 4	J	TMACS	69	70					67				69
09/26/94	Riser 4	J	TMACS	69	70					67				70
09/27/94	Riser 4	J	TMACS	69	71					67				71

TEMPERATURE PROFILE FOR
T108
08/01/1994 - 10/18/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 13.250000 inches as of: 10/06/94

TC Height (inches from bottom)				24	48	72	96	120	144	168	192	216	240	264
DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10	11
09/28/94	Riser 4	J	TMACS	69	71					66				70
09/29/94	Riser 4	J	TMACS	69	70					66				70
09/30/94	Riser 4	J	TMACS	69	70					67				70
10/01/94	Riser 4	J	TMACS	69	70					67				70
10/02/94	Riser 4	J	TMACS	69	70					67				70
10/03/94	Riser 4	J	TMACS	69	71					67				70
10/04/94	Riser 4	J	TMACS	69	70					67				71
10/05/94	Riser 4	J	TMACS	69	71					67				70
10/06/94	Riser 4	J	TMACS	69	71					67				70
10/07/94	Riser 4	J	TMACS	70	71					67				70
10/08/94	Riser 4	J	TMACS	69	71					67				70
10/09/94	Riser 4	J	TMACS	69	71					67				70
10/10/94	Riser 4	J	TMACS	69	71					67				70
10/11/94	Riser 4	J	TMACS	69	70					67				70
10/12/94	Riser 4	J	TMACS	69	70					67				70
10/13/94	Riser 4	J	TMACS	69	71					67				70
10/14/94	Riser 4	J	TMACS	69	71					67				69
10/15/94	Riser 4	J	TMACS	69	70					67				70
10/16/94	Riser 4	J	TMACS	69	71					67				70
10/17/94	Riser 4	J	TMACS	69	71					66				70
10/18/94	Riser 4	J	TMACS	69	71					67				69

TEMPERATURE PROFILE FOR T109
08/01/1994 - 10/18/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 18.350000 inches as of: 10/06/94

	TC Height (inches from bottom)			24	48	72	96	120	144	168	192	216	240	264
DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10	11
08/01/94	Riser 8	J	TMACS	64	66	68				64				66
08/02/94	Riser 8	J	TMACS	64	66	68				64				66
08/03/94	Riser 8	J	TMACS	64	66	67				64				66
08/04/94	Riser 8	J	TMACS	64	66	68				64				66
08/05/94	Riser 8	J	TMACS	65	66	68				64				66
08/06/94	Riser 8	J	TMACS	65	67	69				64				67
08/07/94	Riser 8	J	TMACS	65	67	69				64				67
08/08/94	Riser 8	J	TMACS	65	67	68				65				67
08/09/94	Riser 8	J	TMACS	65	67	69				64				67
08/10/94	Riser 8	J	TMACS	65	67	69				64				68
08/11/94	Riser 8	J	TMACS	65	67	69				64				67
08/12/94	Riser 8	J	TMACS	65	67	69				65				67
08/13/94	Riser 8	J	TMACS	66	67	69				65				68
08/14/94	Riser 8	J	TMACS	65	67	69				65				68
08/15/94	Riser 8	J	TMACS	65	67	69				65				68
08/16/94	Riser 8	J	TMACS	65	67	69				65				68
08/17/94	Riser 8	J	TMACS	66	68	69				65				68
08/18/94	Riser 8	J	TMACS	66	68	69				65				68
08/19/94	Riser 8	J	TMACS	66	67	69				65				68
08/20/94	Riser 8	J	TMACS	66	67	69				65				68
08/21/94	Riser 8	J	TMACS	66	68	69				65				68
08/22/94	Riser 8	J	TMACS	66	68	69				66				69
08/23/94	Riser 8	J	TMACS	66	68	69				65				68
08/24/94	Riser 8	J	TMACS	66	68	70				66				69
08/25/94	Riser 8	J	TMACS	66	68	70				66				69
08/26/94	Riser 8	J	TMACS	66	68	70				66				69
08/27/94	Riser 8	J	TMACS	66	69	70				66				69
08/28/94	Riser 8	J	TMACS	66	68	69				66				69

TEMPERATURE PROFILE FOR
T109
08/01/1994 - 10/18/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 18.350000 inches as of: 10/06/94

TC Height (inches from bottom)				24	48	72	96	120	144	168	192	216	240	264
DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10	11
08/29/94	Riser 8	J	TMACS	67	69	70				66				69
08/30/94	Riser 8	J	TMACS	66	68	70				66				69
08/31/94	Riser 8	J	TMACS	66	68	70				66				69
09/01/94	Riser 8	J	TMACS	66	68	70				66				69
09/02/94	Riser 8	J	TMACS	66	68	70				66				69
09/03/94	Riser 8	J	TMACS	66	68	70				66				69
09/04/94	Riser 8	J	TMACS	67	69	70				67				69
09/05/94	Riser 8	J	TMACS	67	69	71				66				70
09/06/94	Riser 8	J	TMACS	67	69	71				66				69
09/07/94	Riser 8	J	TMACS	67	69	71				66				70
09/08/94	Riser 8	J	TMACS	67	69	70				67				70
09/09/94	Riser 8	J	TMACS	67	69	70				66				70
09/10/94	Riser 8	J	TMACS	67	69	71				67				70
09/11/94	Riser 8	J	TMACS	67	69	71				67				70
09/12/94	Riser 8	J	TMACS	67	68	71				67				70
09/13/94	Riser 8	J	TMACS	67	69	71				67				70
09/14/94	Riser 8	J	TMACS	67	69	70				67				69
09/15/94	Riser 8	J	TMACS	67	69	71				67				70
09/16/94	Riser 8	J	TMACS	67	69	71				67				70
09/17/94	Riser 8	J	TMACS	67	69	71				66				69
09/20/94	Riser 8	J	TMACS	67	69	70				67				70
09/21/94	Riser 8	J	TMACS	67	69	71				67				70
09/22/94	Riser 8	J	TMACS	67	69	71				67				69
09/23/94	Riser 8	J	TMACS	67	69	71				67				70
09/24/94	Riser 8	J	TMACS	67	69	71				66				70
09/25/94	Riser 8	J	TMACS	67	69	71				67				70
09/26/94	Riser 8	J	TMACS	67	69	71				67				69
09/27/94	Riser 8	J	TMACS	67	69	71				67				70

TEMPERATURE FILE FOR
T109
08/01/1994 - 10/18/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 18.350000 inches as of: 10/06/94

TC Height (inches from bottom)				24	48	72	96	120	144	168	192	216	240	264
DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10	11
09/28/94	Riser 8	J	TMACS	68	69	71				67				70
09/29/94	Riser 8	J	TMACS	68	69	71				67				70
09/30/94	Riser 8	J	TMACS	68	69	71				67				69
10/01/94	Riser 8	J	TMACS	67	69	71				67				70
10/02/94	Riser 8	J	TMACS	68	69	71				67				70
10/03/94	Riser 8	J	TMACS	68	69	71				67				69
10/04/94	Riser 8	J	TMACS	68	70	71				67				70
10/05/94	Riser 8	J	TMACS	68	69	71				67				70
10/06/94	Riser 8	J	TMACS	67	69	71				67				69
10/07/94	Riser 8	J	TMACS	68	70	71				67				69
10/08/94	Riser 8	J	TMACS	67	70	71				67				70
10/09/94	Riser 8	J	TMACS	68	69	71				67				70
10/10/94	Riser 8	J	TMACS	68	70	72				67				69
10/11/94	Riser 8	J	TMACS	68	69	71				67				70
10/12/94	Riser 8	J	TMACS	68	70	71				67				69
10/13/94	Riser 8	J	TMACS	68	69	71				67				69
10/14/94	Riser 8	J	TMACS	68	69	71				67				69
10/15/94	Riser 8	J	TMACS	68	70	71				67				70
10/16/94	Riser 8	J	TMACS	68	69	71				67				69
10/17/94	Riser 8	J	TMACS	68	70	71				67				69
10/18/94	Riser 8	J	TMACS	68	69	71				67				70

TEMPERATURE PROFILE FOR
T110
08/01/1994 - 10/18/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 147.700000 inches as of: 10/11/94

TC Height (inches from bottom)				24	48	72	96	120	144	168	192	216	240	264
DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10	11
08/01/94	Riser 8	J	TMACS	62	62	62	62	62	62	64		66		64
08/02/94	Riser 8	J	TMACS	62	62	62	62	62	63	65		67		65
08/03/94	Riser 8	J	TMACS	62	62	62	62	62	62	64		66		65
08/04/94	Riser 8	J	TMACS	63	62	62	62	62	63	65		68		65
08/05/94	Riser 8	J	TMACS	63	62	62	62	62	63	65		67		65
08/06/94	Riser 8	J	TMACS	63	62	62	62	62	63	65		68		65
08/07/94	Riser 8	J	TMACS	62	62	62	62	62	63	65		68		65
08/08/94	Riser 8	J	TMACS	63	63	62	62	62	63	66		68		66
08/09/94	Riser 8	J	TMACS	63	63	62	62	62	63	66		68		65
08/10/94	Riser 8	J	TMACS	63	62	62	62	62	64	66		68		66
08/11/94	Riser 8	J	TMACS	63	62	62	62	62	64	66		68		66
08/12/94	Riser 8	J	TMACS	63	62	62	62	62	63	66		68		66
08/13/94	Riser 8	J	TMACS	63	62	62	62	62	64	66		69		66
08/14/94	Riser 8	J	TMACS	62	62	62	62	62	63	66		68		66
08/15/94	Riser 8	J	MANUAL	62	62	62	62	63	64	66		68		69
	Riser 8	J	TMACS	62	62	62	62	62	64	66		69		67
08/16/94	Riser 8	J	TMACS	63	62	62	62	62	63	66		68		67
08/17/94	Riser 8	J	TMACS	63	62	62	62	62	64	66		68		67
08/18/94	Riser 8	J	TMACS	62	62	62	62	63	64	66		69		67
08/19/94	Riser 8	J	TMACS	63	62	62	62	62	64	67		69		67
08/20/94	Riser 8	J	TMACS	62	62	62	62	62	64	66		69		67
08/21/94	Riser 8	J	TMACS	63	62	62	62	63	64	67		69		67
08/22/94	Riser 8	J	TMACS	63	62	62	62	63	64	67		69		68
08/22/94	Riser 8	J	MANUAL	63	63	63	63	63	64	67		68		71
08/23/94	Riser 8	J	TMACS	62	62	62	62	63	64	67		69		68
08/24/94	Riser 8	J	TMACS	62	62	62	62	63	64	67		69		68
08/25/94	Riser 8	J	TMACS	62	62	62	62	63	64	67		70		68
08/26/94	Riser 8	J	TMACS	63	62	62	62	63	64	67		69		67

TEMPERATURE PROFILE FOR T110
08/01/1994 - 10/18/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 147.700000 inches as of: 10/11/94

	TC Height (inches from bottom)			24	48	72	96	120	144	168	192	216	240	264
DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10	11
08/27/94	Riser 8	J	TMACS	63	62	62	62	63	64	67		70		68
08/28/94	Riser 8	J	TMACS	62	62	62	62	62	64	67		69		68
08/29/94	Riser 8	J	TMACS	63	62	62	62	63	64	67		70		68
08/30/94	Riser 8	J	TMACS	62	62	62	62	63	64	68		69		68
08/31/94	Riser 8	J	TMACS	62	62	62	62	63	65	68		69		68
09/01/94	Riser 8	J	TMACS	62	62	62	62	63	64	67		69		68
09/02/94	Riser 8	J	TMACS	63	62	62	62	62	64	67		70		69
09/03/94	Riser 8	J	TMACS	62	62	62	62	63	65	68		70		69
09/04/94	Riser 8	J	TMACS	63	62	62	62	63	65	68		70		69
09/05/94	Riser 8	J	TMACS	62	62	62	62	63	65	68		71		69
09/06/94	Riser 8	J	TMACS	62	62	62	62	63	65	68		70		68
09/07/94	Riser 8	J	TMACS	62	62	62	62	62	64	68		70		68
09/08/94	Riser 8	J	TMACS	62	62	62	62	63	64	68		70		69
09/09/94	Riser 8	J	TMACS	62	62	62	62	63	65	68		70		69
09/10/94	Riser 8	J	TMACS	63	63	62	63	63	65	68		70		69
09/11/94	Riser 8	J	TMACS	62	62	62	62	63	65	68		71		65*
09/12/94	Riser 8	J	TMACS	62	62	62	62	63	65	68		70		68
09/13/94	Riser 8	J	TMACS	62	62	62	63	63	65	68		70		69
09/14/94	Riser 8	J	TMACS	62	62	62	62	63	65	68		70		70
09/15/94	Riser 8	J	TMACS	63	63	62	63	63	65	68		71		70
09/16/94	Riser 8	J	TMACS	63	63	62	63	64	65	68		71		69
09/17/94	Riser 8	J	TMACS	62	62	62	62	64	65	69		71		69
09/19/94	Riser 8	J	MANUAL	62	61	61	61	61	61	66	66	67		
09/20/94	Riser 8	J	TMACS	62	62	62	62	63	65	68		70		69
09/21/94	Riser 8	J	TMACS	62	62	62	62	63	65	68		71		68
09/22/94	Riser 8	J	TMACS	62	62	62	63	63	65	69		71		70
09/23/94	Riser 8	J	TMACS	63	63	63	62	64	66	69		71		69
09/24/94	Riser 8	J	TMACS	63	63	62	63	64	66	68		71		69

TEMPERATURE PROFILE FOR
T110
08/01/1994 - 10/18/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 147.700000 inches as of: 10/11/94

TC Height (inches from bottom)				24	48	72	96	120	144	168	192	216	240	264
DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10	11
09/25/94	Riser 8	J	TMACS	62	62	62	62	64	65	68		71		69
09/26/94	Riser 8	J	TMACS	62	62	62	62	63	65	68		70		69
09/27/94	Riser 8	J	MANUAL	62	62	61	61	62	64	66		67		70
	Riser 8	J	TMACS	63	62	62	63	64	66	69		71		69
09/28/94	Riser 8	J	TMACS	63	62	62	63	64	66	69		71		69
09/29/94	Riser 8	J	TMACS	62	62	62	62	64	66	68		71		68
09/30/94	Riser 8	J	TMACS	63	62	62	62	64	66	69		71		69
10/01/94	Riser 8	J	TMACS	63	62	62	63	64	66	69		71		68
10/02/94	Riser 8	J	TMACS	63	63	62	63	64	66	69		71		69
10/03/94	Riser 8	J	TMACS	63	62	63	63	64	66	69		71		69
10/04/94	Riser 8	J	TMACS	62	62	62	63	64	66	69		71		69
10/05/94	Riser 8	J	TMACS	63	62	62	63	64	66	69		71		69
10/06/94	Riser 8	J	TMACS	62	62	63	63	64	66	69		71		68
10/07/94	Riser 8	J	TMACS	63	63	63	63	64	66	69		71		68
10/08/94	Riser 8	J	TMACS	62	63	63	63	64	66	69		71		70
10/09/94	Riser 8	J	TMACS	63	63	63	63	64	66	69		71		70
10/10/94	Riser 8	J	MANUAL	62	62	61	62	62	64	67	67	69		
	Riser 8	J	TMACS	63	62	62	63	64	66	69		71		69
10/11/94	Riser 8	J	TMACS	63	62	63	63	64	66	69		71		69
10/12/94	Riser 8	J	TMACS	63	62	62	63	64	66	69		71		69
10/13/94	Riser 8	J	TMACS	63	63	63	63	64	66	69		71		69
10/14/94	Riser 8	J	TMACS	63	63	63	63	64	66	69		71		69
10/15/94	Riser 8	J	TMACS	62	62	62	63	64	66	69		71		69
10/16/94	Riser 8	J	TMACS	62	62	62	63	64	66	69		71		68
10/17/94	Riser 8	J	TMACS	63	62	63	63	64	66	69		71		68
10/18/94	Riser 8	J	TMACS	63	63	63	64	64	66	69		71		68

TEMPERATURE FILE FOR
T111
08/01/1994 - 10/18/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 159.000000 inches as of: 10/07/94

TC Height (inches from bottom)				24	48	72	96	120	144	168	192	216	240	264
DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10	11
08/01/94	Riser 5	J	MANUAL	61	61	61	62	62	61	63	64	66		
	Riser 5	J	TMACS	62	62	62	62	62		65	68			66
08/02/94	Riser 5	J	TMACS	62	62	62	63	62		64	68			66
08/03/94	Riser 5	J	TMACS	62	62	62	63	63		65	68			66
08/04/94	Riser 5	J	TMACS	63	62	62	62	63		65	68			66
08/05/94	Riser 5	J	TMACS	62	62	63	62	63		65	68			66
08/06/94	Riser 5	J	TMACS	62	62	63	62	63		65	68			66
08/07/94	Riser 5	J	TMACS	62	62	63	63	63		66	68			67
08/08/94	Riser 5	J	MANUAL	63	63	63	63	63	63	65	68	68		
	Riser 5	J	TMACS	63	62	63	62	63		66	68			67
08/09/94	Riser 5	J	TMACS	62	63	63	63	63		66	69			67
08/10/94	Riser 5	J	TMACS	62	62	63	62	63		66	69			67
08/11/94	Riser 5	J	TMACS	62	62	62	62	62		66	69			67
08/12/94	Riser 5	J	TMACS	62	62	62	63	62		65	69			67
08/13/94	Riser 5	J	TMACS	62	62	62	62	62		66	69			67
08/14/94	Riser 5	J	TMACS	62	62	63	63	63		66	69			67
08/15/94	Riser 5	J	MANUAL	61	63	63	63	63	63	66	68			71
	Riser 5	J	TMACS	62	62	62	62	63		66	69			68
08/16/94	Riser 5	J	TMACS	62	62	63	63	63		66	69			68
08/17/94	Riser 5	J	TMACS	62	63	62	63	63	64	66	69			68
08/18/94	Riser 5	J	TMACS	62	62	63	63	63	64	66	70			68
08/19/94	Riser 5	J	TMACS	62	62	63	62	63	64	66	69			68
08/20/94	Riser 5	J	TMACS	62	62	62	62	63	64	67	69			68
08/21/94	Riser 5	J	TMACS	64	62	63	63	63	64	67	70			68
08/22/94	Riser 5	J	TMACS	63	63	63	63	63	64	67	70			69
08/22/94	Riser 5	J	MANUAL	64	64	64	64	64	65	67	69			72
08/23/94	Riser 5	J	TMACS	62	62	62	62	63	64	67	70			69
08/24/94	Riser 5	J	TMACS	62	62	63	63	63	64	67	70			68

TEMPERATURE PROFILE FOR
T111
08/01/1994 - 10/18/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 159.000000 inches as of: 10/07/94

	TC Height (inches from bottom)			24	48	72	96	120	144	168	192	216	240	264
DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10	11
08/25/94	Riser 5	J	TMACS	62	62	62	63	63	64	66	70			68
08/26/94	Riser 5	J	TMACS	62	62	62	62	63	64	67	70			69
08/27/94	Riser 5	J	TMACS	62	62	63	63	63	65	67	71			69
08/28/94	Riser 5	J	TMACS	62	62	63	62	63	64	67	70			69
08/29/94	Riser 5	J	TMACS	62	62	63	62	63	64	67	70			69
08/30/94	Riser 5	J	TMACS	62	62	63	63	63	64	67	71			69
08/31/94	Riser 5	J	TMACS	62	62	63	63	63	65	67	70			69
09/01/94	Riser 5	J	TMACS	62	62	63	62	63	64	67	70			69
09/02/94	Riser 5	J	TMACS	62	62	63	63	63	64	68	70			69
09/03/94	Riser 5	J	TMACS	62	63	63	63	64	65	68	71			69
09/04/94	Riser 5	J	TMACS	62	62	63	63	63	65	68	71			70
09/05/94	Riser 5	J	TMACS	62	63	63	63	64	65	68	71			70
09/06/94	Riser 5	J	TMACS	63	63	63	63	64	65	68	71			69
09/07/94	Riser 5	J	TMACS	62	62	63	62	63	65	68	71			69
09/08/94	Riser 5	J	TMACS	62	62	63	63	63	65	68	71			70
09/09/94	Riser 5	J	TMACS	62	62	63	63	64	65	68	71			69
09/10/94	Riser 5	J	TMACS	62	63	63	63	64	66	68	71			70
09/11/94	Riser 5	J	TMACS	63	63	63	63	64	66	69	72			70
09/12/94	Riser 5	J	TMACS	62	62	63	63	64	65	68	71			70
09/13/94	Riser 5	J	TMACS	63	63	63	63	64	66	68	72			70
09/14/94	Riser 5	J	TMACS	62	63	62	63	64	65	68	71			70
09/15/94	Riser 5	J	TMACS	62	62	62	63	64	66	68	71			70
09/16/94	Riser 5	J	TMACS	62	62	63	63	64	65	68	71			70
09/17/94	Riser 5	J	TMACS	62	62	62	63	63	66	68	71			70
09/19/94	Riser 5	J	MANUAL	62	62	62	61	62	62	66	68	68		
09/20/94	Riser 5	J	TMACS	62	62	62	63	63	66	68	71			70
09/21/94	Riser 5	J	TMACS	62	62	62	62	63	65	68	71			70
09/22/94	Riser 5	J	TMACS	62	63	63	63	64	66	69	71			70

TEMPERATURE PROFILE FOR T111
08/01/1994 - 10/18/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 159.000000 inches as of: 10/07/94

	TC Height (inches from bottom)			24	48	72	96	120	144	168	192	216	240	264
DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10	11
09/23/94	Riser 5	J	TMACS	62	62	63	63	64	66	69	72			70
09/24/94	Riser 5	J	TMACS	63	62	63	63	64	66	68	71			70
09/25/94	Riser 5	J	TMACS	62	63	63	63	64	66	68	71			70
09/26/94	Riser 5	J	TMACS	62	62	62	63	64	66	69	72			70
09/27/94	Riser 5	J	TMACS	62	63	63	63	64	66	69	72			70
09/28/94	Riser 5	J	TMACS	62	63	63	63	64	66	69	72			70
09/29/94	Riser 5	J	TMACS	62	63	63	63	64	65	68	71			70
09/30/94	Riser 5	J	TMACS	63	63	63	63	65	66	69	72			70
10/01/94	Riser 5	J	TMACS	62	63	63	63	64	66	69	71			70
10/02/94	Riser 5	J	TMACS	63	62	63	63	64	66	68	72			70
10/03/94	Riser 5	J	TMACS	63	63	63	64	64	66	69	72			70
10/04/94	Riser 5	J	TMACS	63	62	63	63	64	66	69	72			70
10/05/94	Riser 5	J	TMACS	63	63	63	64	64	66	69	72			70
10/06/94	Riser 5	J	TMACS	62	62	63	63	64	66	69	72			70
10/07/94	Riser 5	J	TMACS	63	63	63	64	65	67	69	72			71
10/08/94	Riser 5	J	TMACS	63	63	63	64	64	66	69	72			70
10/09/94	Riser 5	J	TMACS	62	63	63	64	64	66	69	72			70
10/10/94	Riser 5	J	MANUAL	62	62	62	62	63	65	67	68	70		
	Riser 5	J	TMACS	63	63	63	63	64	66	69	72			70
10/11/94	Riser 5	J	TMACS	63	63	63	63	64	66	69	72			70
10/12/94	Riser 5	J	TMACS	62	62	63	63	64	66	69	72			70
10/13/94	Riser 5	J	TMACS	63	63	63	63	64	67	69	72			70
10/14/94	Riser 5	J	TMACS	63	63	63	63	64	67	69	72			70
10/15/94	Riser 5	J	TMACS	63	62	63	64	64	67	69	72			70
10/16/94	Riser 5	J	TMACS	63	63	63	64	65	67	69	72			69
10/17/94	Riser 5	J	TMACS	63	63	63	63	64	67	69	72			70
10/18/94	Riser 5	J	TMACS	63	63	63	64	65	67	69	72			70

TEMPERATURE PROFILE FOR
T112
08/01/1994 - 10/18/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 20.300000 inches as of: 10/07/94

TC Height (inches from bottom)				24	48	72	96	120	144	168	192	216	240	264
DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10	11
08/01/94	Riser 8	J	TMACS	64	65	65				65				67
08/02/94	Riser 8	J	TMACS	64	65	66				66				67
08/03/94	Riser 8	J	TMACS	63	65	65				65				66
08/04/94	Riser 8	J	TMACS	64	65	65				66				66
08/05/94	Riser 8	J	TMACS	64	65	65				66				67
08/06/94	Riser 8	J	TMACS	64	65	66				66				67
08/07/94	Riser 8	J	TMACS	64	66	66				66				68
08/08/94	Riser 8	J	TMACS	64	66	66				67				68
08/09/94	Riser 8	J	TMACS	64	66	66				66				68
08/10/94	Riser 8	J	TMACS	64	66	66				66				68
08/11/94	Riser 8	J	TMACS	64	66	66				66				68
08/12/94	Riser 8	J	TMACS	64	66	66				67				68
08/13/94	Riser 8	J	TMACS	64	66	66				67				68
08/14/94	Riser 8	J	TMACS	65	66	66				67				68
08/15/94	Riser 8	J	TMACS	64	66	66				66				68
08/16/94	Riser 8	J	TMACS	64	66	66				67				68
08/17/94	Riser 8	J	TMACS	65	66	67				67				69
08/18/94	Riser 8	J	TMACS	65	66	67				67				68
08/19/94	Riser 8	J	TMACS	64	66	66				67				69
08/20/94	Riser 8	J	TMACS	65	66	67				67				69
08/21/94	Riser 8	J	TMACS	65	66	67				67				69
08/22/94	Riser 8	J	TMACS	65	66	67				67				69
08/23/94	Riser 8	J	TMACS	65	66	67				67				69
08/24/94	Riser 8	J	TMACS	65	67	67				67				69
08/25/94	Riser 8	J	TMACS	65	67	67				67				69
08/26/94	Riser 8	J	TMACS	65	67	67				67				69
08/27/94	Riser 8	J	TMACS	65	67	67				68				69
08/28/94	Riser 8	J	TMACS	65	67	67				68				69

TEMPERATURE PROFILE FOR
T112
08/01/1994 - 10/18/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 20.300000 inches as of: 10/07/94

TC Height (inches from bottom)				24	48	72	96	120	144	168	192	216	240	264
DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10	11
08/29/94	Riser 8	J	TMACS	65	67	68				68				70
08/30/94	Riser 8	J	TMACS	65	67	67				68				69
08/31/94	Riser 8	J	TMACS	65	67	67				68				70
09/01/94	Riser 8	J	TMACS	65	67	67				68				69
09/02/94	Riser 8	J	TMACS	66	68	67				68				70
09/03/94	Riser 8	J	TMACS	66	67	68				68				70
09/04/94	Riser 8	J	TMACS	65	67	68				68				70
09/05/94	Riser 8	J	TMACS	66	67	68				68				71
09/06/94	Riser 8	J	TMACS	66	68	68				68				71
09/07/94	Riser 8	J	TMACS	66	68	68				69				70
09/08/94	Riser 8	J	TMACS	65	67	68				68				70
09/09/94	Riser 8	J	TMACS	66	67	68				68				70
09/10/94	Riser 8	J	TMACS	66	67	68				68				70
09/11/94	Riser 8	J	TMACS	66	68	68				68				70
09/12/94	Riser 8	J	TMACS	66	68	68				68				70
09/13/94	Riser 8	J	TMACS	66	67	68				68				71
09/14/94	Riser 8	J	TMACS	66	68	68				69				70
09/15/94	Riser 8	J	TMACS	66	68	68				68				71
09/16/94	Riser 8	J	TMACS	66	68	68				69				71
09/17/94	Riser 8	J	TMACS	66	68	68				69				71
09/20/94	Riser 8	J	TMACS	66	68	68				68				71
09/21/94	Riser 8	J	TMACS	66	68	68				69				71
09/22/94	Riser 8	J	TMACS	66	68	68				68				71
09/23/94	Riser 8	J	TMACS	66	68	68				69				71
09/24/94	Riser 8	J	TMACS	66	68	68				69				71
09/25/94	Riser 8	J	TMACS	66	68	68				69				70
09/26/94	Riser 8	J	TMACS	66	68	68				68				71
09/27/94	Riser 8	J	TMACS	67	68	68				69				71

TEMPERATURE PROFILE FOR
T112
08/01/1994 - 10/18/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 20.300000 inches as of: 10/07/94

TC Height (inches from bottom)				24	48	72	96	120	144	168	192	216	240	264
DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10	11
09/28/94	Riser 8	J	TMACS	67	68	69				69				71
09/29/94	Riser 8	J	TMACS	67	68	68				69				71
09/30/94	Riser 8	J	TMACS	66	68	68				69				71
10/01/94	Riser 8	J	TMACS	66	68	68				69				71
10/02/94	Riser 8	J	TMACS	66	68	68				68				70
10/03/94	Riser 8	J	TMACS	67	68	68				69				71
10/04/94	Riser 8	J	TMACS	67	68	68				69				71
10/05/94	Riser 8	J	TMACS	66	68	68				68				71
10/06/94	Riser 8	J	TMACS	67	68	68				69				70
10/07/94	Riser 8	J	TMACS	67	68	69				69				71
10/08/94	Riser 8	J	TMACS	66	68	69				69				71
10/09/94	Riser 8	J	TMACS	67	68	68				69				71
10/10/94	Riser 8	J	TMACS	67	68	69				69				71
10/11/94	Riser 8	J	TMACS	66	68	68				69				71
10/12/94	Riser 8	J	TMACS	67	68	68				69				71
10/13/94	Riser 8	J	TMACS	67	68	69				69				71
10/14/94	Riser 8	J	TMACS	67	68	68				69				71
10/15/94	Riser 8	J	TMACS	67	68	68				69				71
10/16/94	Riser 8	J	TMACS	67	68	68				69				71
10/17/94	Riser 8	J	TMACS	67	68	69				69				71
10/18/94	Riser 8	J	TMACS	67	68	69				69				71

TEMPERATURE PROFILE FOR
T201
08/01/1994 - 10/18/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 153.000000 inches as of: 10/06/94

TC Height (inches from bottom)				24	48	72	96	120	144	168	192	216	240	264
DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10	11
08/01/94	Riser 5	J	TMACS	61	61	60	61	61	62	64	65			62
08/02/94	Riser 5	J	TMACS	60	61	61	60	61	62	64	65			62
08/03/94	Riser 5	J	TMACS	61	61	61	61	61	62	64	66			63
08/04/94	Riser 5	J	TMACS	61	61	61	61	61	62	64	66			63
08/05/94	Riser 5	J	TMACS	61	61	61	61	62	62	64	66			63
08/06/94	Riser 5	J	TMACS	61	61	61	61	62	62	65	66			63
08/07/94	Riser 5	J	TMACS	61	61	61	61	61	62	65	66			63
08/08/94	Riser 5	J	TMACS	61	61	61	61	62	63	65	67			64
08/09/94	Riser 5	J	TMACS	61	61	61	61	62	63	65	67			64
08/10/94	Riser 5	J	TMACS	61	61	61	62	62	63	65	67			64
08/11/94	Riser 5	J	TMACS	61	61	61	62	62	63	65	67			64
08/12/94	Riser 5	J	TMACS	61	60	60	61	62	62	64	66			64
08/13/94	Riser 5	J	TMACS	61	61	60	61	61	63	65	66			64
08/14/94	Riser 5	J	TMACS	61	61	61	61	61	63	65	67			64
08/15/94	Riser 5	J	TMACS	61	61	61	62	62	63	66	67			64
08/16/94	Riser 5	J	TMACS	61	61	61	61	62	63	65	67			64
08/17/94	Riser 5	J	TMACS	61	61	61	61	62	63	65	67			64
08/18/94	Riser 5	J	TMACS	61	61	61	62	62	63	65	68			64
08/19/94	Riser 5	J	TMACS	61	61	61	61	62	63	66	67			64
08/20/94	Riser 5	J	TMACS	61	61	61	61	62	63	66	67			64
08/21/94	Riser 5	J	TMACS	61	61	62	61	62	64	66	68			65
08/22/94	Riser 5	J	TMACS	62	61	61	62	62	63	66	68			64
08/23/94	Riser 5	J	TMACS	61	61	62	61	62	63	66	68			65
08/24/94	Riser 5	J	TMACS	61	61	61	61	62	64	66	68			64
08/25/94	Riser 5	J	TMACS	61	61	61	62	62	64	66	68			65
08/26/94	Riser 5	J	TMACS	62	61	61	62	62	64	66	68			65
08/27/94	Riser 5	J	TMACS	61	61	61	62	62	64	66	68			65
08/28/94	Riser 5	J	TMACS	61	61	61	62	62	64	66	68			65

TEMPERATURE PROFILE FOR
T201
08/01/1994 - 10/18/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 153.000000 inches as of: 10/06/94

	TC Height (inches from bottom)			24	48	72	96	120	144	168	192	216	240	264
DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10	11
08/29/94	Riser 5	J	TMACS	61	61	61	62	62	64	66	68			65
08/30/94	Riser 5	J	TMACS	62	61	61	62	62	64	66	68			65
08/31/94	Riser 5	J	TMACS	61	61	62	62	62	64	66	68			65
09/01/94	Riser 5	J	TMACS	61	61	61	62	62	63	66	68			65
09/02/94	Riser 5	J	TMACS	62	61	61	62	63	64	66	68			65
09/03/94	Riser 5	J	TMACS	62	61	61	62	62	64	67	68			66
09/04/94	Riser 5	J	TMACS	61	61	62	62	63	64	67	68			66
09/05/94	Riser 5	J	TMACS	61	62	61	62	63	64	67	69			65
09/06/94	Riser 5	J	TMACS	62	62	61	62	62	64	67	69			65
09/07/94	Riser 5	J	TMACS	61	61	62	62	62	64	66	68			65
09/08/94	Riser 5	J	TMACS	61	61	61	62	63	64	67	69			65
09/09/94	Riser 5	J	TMACS	62	62	62	62	62	64	67	69			65
09/10/94	Riser 5	J	TMACS	62	62	62	62	63	65	68	69			66
09/11/94	Riser 5	J	TMACS	62	61	62	62	63	64	67	69			66
09/12/94	Riser 5	J	TMACS	61	62	61	62	63	65	67	68			66
09/13/94	Riser 5	J	TMACS	61	61	61	62	63	64	68	69			66
09/14/94	Riser 5	J	TMACS	62	61	62	62	63	65	68	69			66
09/15/94	Riser 5	J	TMACS	62	61	62	62	63	64	67	69			66
09/16/94	Riser 5	J	TMACS	62	61	61	62	63	64	67	69			66
09/17/94	Riser 5	J	TMACS	62	61	62	62	63	(64)	67	69			66
09/20/94	Riser 5	J	TMACS	61	61	61	62	63	65	68	69			66
09/21/94	Riser 5	J	TMACS	61	61	61	62	63	65	67	69			66
09/22/94	Riser 5	J	TMACS	61	61	62	62	63	64	68	69			66
09/23/94	Riser 5	J	TMACS	61	61	62	62	63	65	68	69			66
09/24/94	Riser 5	J	TMACS	61	61	62	62	63	65	68	69			66
09/25/94	Riser 5	J	TMACS	62	61	62	62	63	65	68	69			66
09/26/94	Riser 5	J	TMACS	61	61	62	62	63	64	67	69			66
09/27/94	Riser 5	J	TMACS	62	62	62	62	63	65	68	69			66

TEMPERATURE .OFILE FOR
T201
08/01/1994 - 10/18/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 153.000000 inches as of: 10/06/94

TC Height (inches from bottom)				24	48	72	96	120	144	168	192	216	240	264
DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10	11
09/28/94	Riser 5	J	TMACS	61	61	61	62	63	65	68	69			66
09/29/94	Riser 5	J	TMACS	62	61	62	62	63	65	68	69			66
09/30/94	Riser 5	J	TMACS	61	61	62	63	63	65	68	70			66
10/01/94	Riser 5	J	TMACS	61	62	62	63	64	65	68	70			66
10/02/94	Riser 5	J	TMACS	62	62	62	63	64	65	68	70			66
10/03/94	Riser 5	J	TMACS	62	62	62	63	64	65	68	70			66
10/04/94	Riser 5	J	TMACS	62	62	62	62	64	65	68	70			67
10/05/94	Riser 5	J	TMACS	62	61	62	62	64	65	68	70			66
10/06/94	Riser 5	J	TMACS	62	61	62	63	64	66	68	69			66
10/07/94	Riser 5	J	TMACS	62	62	62	63	64	65	68	70			66
10/08/94	Riser 5	J	TMACS	62	62	62	63	64	66	68	70			66
10/09/94	Riser 5	J	TMACS	61	61	62	62	64	66	68	70			66
10/10/94	Riser 5	J	TMACS	62	62	62	63	64	65	69	70			66
10/11/94	Riser 5	J	TMACS	61	61	62	62	64	65	68	69			66
10/12/94	Riser 5	J	TMACS	62	62	62	63	64	66	68	70			66
10/13/94	Riser 5	J	TMACS	62	61	62	62	64	65	68	70			66
10/14/94	Riser 5	J	TMACS	62	62	62	63	64	66	68	70			66
10/15/94	Riser 5	J	TMACS	62	62	62	63	64	66	68	70			66
10/16/94	Riser 5	J	TMACS	62	62	62	62	64	66	68	70			66
10/17/94	Riser 5	J	TMACS	61	62	62	63	64	66	68	70			66
10/18/94	Riser 5	J	TMACS	62	62	62	63	64	66	68	70			66

TEMPERATURE PROFILE FOR
T202
08/01/1994 - 10/18/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 105.000000 inches as of: 10/06/94

TC Height (inches from bottom)				24	48	72	96	120	144	168	192	216	240	264
DATE	RISER	SOURCE		1	2	3	4	5	6	7	8	9	10	11
08/01/94	Riser 5	J	TMACS	60	59	60	61	63	63			64		68
08/02/94	Riser 5	J	TMACS	60	59	60	61	62	63			65		68
08/03/94	Riser 5	J	TMACS	60	59	60	61	63	62			64		67
08/04/94	Riser 5	J	TMACS	60	59	60	61	62	63			64		68
08/05/94	Riser 5	J	TMACS	60	60	60	61	62	63			65		68
08/06/94	Riser 5	J	TMACS	60	60	60	61	62	63			64		68
08/07/94	Riser 5	J	TMACS	60	60	60	61	62	63			65		68
08/08/94	Riser 5	J	TMACS	60	60	60	62	63	64			65		69
08/09/94	Riser 5	J	TMACS	60	60	60	61	63	63			65		69
08/10/94	Riser 5	J	TMACS	60	60	60	61	63	64			65		69
08/11/94	Riser 5	J	TMACS	60	60	60	61	63	64			65		69
08/12/94	Riser 5	J	TMACS	61	60	60	62	63	64			65		69
08/13/94	Riser 5	J	TMACS	60	60	60	62	63	64			65		69
08/14/94	Riser 5	J	TMACS	61	60	60	62	63	63			65		69
08/15/94	Riser 5	J	TMACS	61	60	60	61	63	64			66		69
08/16/94	Riser 5	J	TMACS	60	60	60	61	63	64			66		69
08/17/94	Riser 5	J	TMACS	60	60	60	61	63	64			65		69
08/18/94	Riser 5	J	TMACS	60	60	61	62	64	64			66		70
08/19/94	Riser 5	J	TMACS	60	60	60	62	64	64			66		69
08/20/94	Riser 5	J	TMACS	60	60	60	62	63	64			66		69
08/21/94	Riser 5	J	TMACS	60	60	60	62	64	64			66		69
08/22/94	Riser 5	J	TMACS	60	60	60	62	64	64			66		69
08/23/94	Riser 5	J	TMACS	60	60	60	62	64	65			66		70
08/24/94	Riser 5	J	TMACS	60	60	60	62	64	64			66		69
08/25/94	Riser 5	J	TMACS	61	60	61	62	64	65			66		69
08/26/94	Riser 5	J	TMACS	61	60	61	62	64	64			67		70
08/27/94	Riser 5	J	TMACS	60	60	61	62	64	65			66		70
08/28/94	Riser 5	J	TMACS	60	60	61	62	64	65			66		69

TEMPERATURE PROFILE FOR T202
08/01/1994 - 10/18/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 105.000000 inches as of: 10/06/94

TC Height (inches from bottom)				24	48	72	96	120	144	168	192	216	240	264
DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10	11
08/29/94	Riser 5	J	TMACS	61	60	61	62	64	65			66		70
08/30/94	Riser 5	J	TMACS	61	60	61	62	64	65			66		70
08/31/94	Riser 5	J	TMACS	60	61	61	62	64	65			66		70
09/01/94	Riser 5	J	TMACS	60	61	61	62	64	65			67		70
09/02/94	Riser 5	J	TMACS	61	61	61	62	65	65			67		70
09/03/94	Riser 5	J	TMACS	61	60	61	62	64	65			67		70
09/04/94	Riser 5	J	TMACS	61	61	61	62	65	66			67		70
09/05/94	Riser 5	J	TMACS	61	61	61	63	65	66			67		71
09/06/94	Riser 5	J	TMACS	60	61	61	63	64	66			67		71
09/07/94	Riser 5	J	TMACS	61	60	61	62	64	66			67		70
09/08/94	Riser 5	J	TMACS	61	61	62	62	65	66			68		71
09/09/94	Riser 5	J	TMACS	61	61	61	63	64	65			67		70
09/10/94	Riser 5	J	TMACS	61	61	62	63	65	66			67		71
09/11/94	Riser 5	J	TMACS	61	61	61	63	65	66			68		71
09/12/94	Riser 5	J	TMACS	61	61	61	63	65	65			67		71
09/13/94	Riser 5	J	TMACS	61	61	61	63	65	66			67		71
09/14/94	Riser 5	J	TMACS	61	61	61	63	65	66			67		71
09/15/94	Riser 5	J	TMACS	61	61	62	63	65	66			68		71
09/16/94	Riser 5	J	TMACS	61	61	62	63	66	66			68		71
09/17/94	Riser 5	J	TMACS	61	61	61	63	65	66			67		71
09/20/94	Riser 5	J	TMACS	61	61	62	63	65	66			67		71
09/21/94	Riser 5	J	TMACS	60	61	61	63	65	66			68		71
09/22/94	Riser 5	J	TMACS	61	61	61	63	65	66			67		71
09/23/94	Riser 5	J	TMACS	61	61	62	63	65	67			68		72
09/24/94	Riser 5	J	TMACS	61	61	62	63	65	66			67		71
09/25/94	Riser 5	J	TMACS	61	61	62	63	65	66			68		71
09/26/94	Riser 5	J	TMACS	60	61	62	63	65	66			68		71
09/27/94	Riser 5	J	TMACS	61	61	62	63	65	67			68		71

TEMPERATURE PROFILE FOR
T202
08/01/1994 - 10/18/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 105.000000 inches as of: 10/06/94

TC Height (inches from bottom)				24	48	72	96	120	144	168	192	216	240	264
DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10	11
09/28/94	Riser 5	J	TMACS	61	62	62	63	66	67			68		72
09/29/94	Riser 5	J	TMACS	61	61	62	63	65	66			68		71
09/30/94	Riser 5	J	TMACS	61	62	62	64	66	66			68		71
10/01/94	Riser 5	J	TMACS	61	61	62	64	66	67			68		71
10/02/94	Riser 5	J	TMACS	61	61	62	64	66	67			68		72
10/03/94	Riser 5	J	TMACS	61	61	62	64	66	66			68		71
10/04/94	Riser 5	J	TMACS	61	61	62	63	66	66			68		71
10/05/94	Riser 5	J	TMACS	61	62	62	64	66	67			68		71
10/06/94	Riser 5	J	TMACS	61	62	62	64	66	67			68		71
10/07/94	Riser 5	J	TMACS	61	61	62	64	66	67			68		71
10/08/94	Riser 5	J	TMACS	61	62	63	64	66	67			69		71
10/09/94	Riser 5	J	TMACS	61	62	62	64	66	67			68		71
10/10/94	Riser 5	J	TMACS	62	62	63	64	66	67			68		72
10/11/94	Riser 5	J	TMACS	61	61	62	64	66	67			68		71
10/12/94	Riser 5	J	TMACS	62	62	63	64	66	67			69		71
10/13/94	Riser 5	J	TMACS	61	61	62	64	66	67			69		71
10/14/94	Riser 5	J	TMACS	61	62	63	64	66	67			69		72
10/15/94	Riser 5	J	TMACS	61	62	63	64	66	67			69		71
10/16/94	Riser 5	J	TMACS	62	62	62	64	65	67			68		71
10/17/94	Riser 5	J	TMACS	62	62	63	64	66	67			68		71
10/18/94	Riser 5	J	TMACS	61	61	63	64	66	67			68		71

TEMPERATURE PROFILE FOR T203
08/01/1994 - 10/18/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 183.000000 inches as of: 10/01/94

TC Height (inches from bottom)			24	48	72	96	120	144	168	192	216	240	264
DATE	RISER	SOURCE	1	2	3	4	5	6	7	8	9	10	11
08/01/94	Riser 8	J TMACS	60	60	61	59	60	61	62	64	60		62
08/02/94	Riser 8	J TMACS	60	60	61	59	60	61	62	64	61		63
08/03/94	Riser 8	J TMACS	60	60	61	59	60	61	62	64	61		63
08/04/94	Riser 8	J TMACS	60	60	61	59	59	61	62	65	61		63
08/05/94	Riser 8	J TMACS	60	60	61	59	60	61	62	65	61		63
08/06/94	Riser 8	J TMACS	60	60	61	59	60	61	62	65	61		63
08/07/94	Riser 8	J TMACS	60	60	61	59	60	61	62	65	61		64
08/08/94	Riser 8	J TMACS	61	61	61	60	61	62	63	65	62		64
08/09/94	Riser 8	J TMACS	61	60	61	59	60	62	63	65	61		64
08/10/94	Riser 8	J TMACS	60	60	61	59	60	62	62	65	62		64
08/11/94	Riser 8	J TMACS	60	60	61	59	60	61	62	65	61		64
08/12/94	Riser 8	J TMACS	60	60	61	59	60	61	63	65	61		64
08/13/94	Riser 8	J TMACS	60	60	61	59	60	61	63	66	62		64
08/14/94	Riser 8	J TMACS	60	60	61	59	60	61	63	65	61		64
08/15/94	Riser 8	J TMACS	60	60	61	59	60	62	63	65	62		65
08/16/94	Riser 8	J TMACS	60	60	61	59	60	62	62	66	62		65
08/17/94	Riser 8	J TMACS	60	60	61	59	60	61	62	66	63		65
08/18/94	Riser 8	J TMACS	60	60	61	59	60	62	63	66	62		65
08/19/94	Riser 8	J TMACS	60	60	62	59	60	62	63	66	62		65
08/20/94	Riser 8	J TMACS	60	60	61	59	60	61	63	66	62		65
08/21/94	Riser 8	J TMACS	60	60	61	60	60	62	63	66	63		65
08/22/94	Riser 8	J TMACS	60	60	62	59	61	62	64	66	62		65
08/23/94	Riser 8	J TMACS	60	60	61	59	60	62	63	66	62		66
08/24/94	Riser 8	J TMACS	60	60	61	59	60	62	63	66	63		66
08/25/94	Riser 8	J TMACS	60	60	61	59	60	62	63	66	63		66
08/26/94	Riser 8	J TMACS	60	60	61	59	60	62	63	66	63		66
08/27/94	Riser 8	J TMACS	60	60	61	59	60	62	64	66	63		66
08/28/94	Riser 8	J TMACS	60	60	61	59	60	62	63	66	63		66

TEMPERATURE PROFILE FOR
T203
08/01/1994 - 10/18/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 183.000000 inches as of: 10/01/94

TC Height (inches from bottom)				24	48	72	96	120	144	168	192	216	240	264
DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10	11
08/29/94	Riser 8	J	TMACS	60	60	61	59	61	62	63	67	63		66
08/30/94	Riser 8	J	TMACS	61	60	61	60	60	62	64	66	63		66
08/31/94	Riser 8	J	TMACS	60	60	61	60	61	62	64	66	63		66
09/01/94	Riser 8	J	TMACS	60	60	61	60	60	62	64	66	63		66
09/02/94	Riser 8	J	TMACS	60	60	61	60	60	62	64	67	64		66
09/03/94	Riser 8	J	TMACS	61	60	61	60	61	62	64	67	64		66
09/04/94	Riser 8	J	TMACS	60	60	61	60	61	62	64	67	63		66
09/05/94	Riser 8	J	TMACS	60	60	61	60	61	62	64	68	64		66
09/06/94	Riser 8	J	TMACS	61	60	61	60	61	62	64	67	64		66
09/07/94	Riser 8	J	TMACS	60	60	61	59	61	62	64	67	64		66
09/08/94	Riser 8	J	TMACS	60	60	61	60	61	62	64	67	64		66
09/09/94	Riser 8	J	TMACS	61	60	61	60	61	62	64	68	64		67
09/10/94	Riser 8	J	TMACS	60	60	61	60	61	62	64	67	64		67
09/11/94	Riser 8	J	TMACS	60	60	61	60	61	62	64	68	64		66
09/12/94	Riser 8	J	TMACS	60	60	61	60	61	62	64	68	64		66
09/13/94	Riser 8	J	TMACS	60	61	61	60	61	62	64	68	64		66
09/14/94	Riser 8	J	TMACS	60	60	61	60	61	63	64	68	64		67
09/15/94	Riser 8	J	TMACS	61	60	61	60	61	63	65	68	64		67
09/16/94	Riser 8	J	TMACS	60	60	61	60	61	63	65	68	64		67
09/17/94	Riser 8	J	TMACS	60	60	61	60	61	63	65	68	64		67
09/20/94	Riser 8	J	TMACS	60	60	61	60	61	63	64	68	64		67
09/21/94	Riser 8	J	TMACS	61	60	61	60	61	63	64	68	65		67
09/22/94	Riser 8	J	TMACS	60	60	61	60	61	63	65	68	64		67
09/23/94	Riser 8	J	TMACS	60	60	61	60	61	63	65	68	64		67
09/24/94	Riser 8	J	TMACS	60	60	61	60	61	63	65	68	65		67
09/25/94	Riser 8	J	TMACS	60	60	61	60	61	62	65	68	65		67
09/26/94	Riser 8	J	TMACS	60	60	61	60	61	63	64	68	64		66
09/27/94	Riser 8	J	TMACS	60	60	62	61	61	63	65	69	65		67

TEMPERATURE PROFILE FOR T203
08/01/1994 - 10/18/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 183.000000 inches as of: 10/01/94

	TC Height (inches from bottom)		24	48	72	96	120	144	168	192	216	240	264
DATE	RISER	SOURCE	1	2	3	4	5	6	7	8	9	10	11
09/28/94	Riser 8	J TMACS	60	60	61	60	62	63	65	69	64		67
09/29/94	Riser 8	J TMACS	60	60	61	61	61	63	65	68	65		67
09/30/94	Riser 8	J TMACS	61	60	61	60	61	63	65	69	65		67
10/01/94	Riser 8	J TMACS	61	60	61	60	61	63	65	69	65		67
10/02/94	Riser 8	J TMACS	61	61	61	60	62	63	65	68	65		67
10/03/94	Riser 8	J TMACS	61	60	61	60	62	63	65	69	65		67
10/04/94	Riser 8	J TMACS	61	61	62	61	62	64	66	69	65		67
10/05/94	Riser 8	J TMACS	60	60	61	61	61	63	66	68	65		67
10/06/94	Riser 8	J TMACS	61	60	61	61	62	63	65	68	65		67
10/07/94	Riser 8	J TMACS	61	61	61	61	62	63	65	69	65		67
10/08/94	Riser 8	J TMACS	61	61	61	61	62	63	66	69	65		67
10/09/94	Riser 8	J TMACS	60	60	62	61	62	64	65	69	64		67
10/10/94	Riser 8	J TMACS	60	61	61	61	62	64	66	69	65		67
10/11/94	Riser 8	J TMACS	61	61	61	61	62	64	65	69	65		67
10/12/94	Riser 8	J TMACS	61	60	61	61	62	64	66	69	65		67
10/13/94	Riser 8	J TMACS	61	61	62	61	62	64	66	69	65		67
10/14/94	Riser 8	J TMACS	61	61	61	61	62	64	66	70	65		67
10/15/94	Riser 8	J TMACS	61	61	62	62	62	64	66	69	65		67
10/16/94	Riser 8	J TMACS	61	61	61	61	62	64	66	69	65		67
10/17/94	Riser 8	J TMACS	61	61	62	61	63	64	66	69	65		67
10/18/94	Riser 8	J TMACS	61	61	62	61	62	64	66	69	65		67

TEMPERATURE PROFILE FOR
T204
08/01/1994 - 10/18/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 188.500000 inches as of: 10/06/94

	TC Height (inches from bottom)			24	48	72	96	120	144	168	192	216	240	264
DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10	11
08/01/94	Riser 8	J	TMACS	63	62	62	62	62	62	63	65	62		64
08/02/94	Riser 8	J	TMACS	63	62	62	62	62	62	63	65	62		64
08/03/94	Riser 8	J	TMACS	63	62	62	62	62	62	62	64	62		64
08/04/94	Riser 8	J	TMACS	63	62	62	62	62	62	62	64	63		64
08/05/94	Riser 8	J	TMACS	62	62	62	62	62	62	63	64	62		64
08/06/94	Riser 8	J	TMACS	63	62	62	62	62	62	63	64	63		64
08/07/94	Riser 8	J	TMACS	63	62	62	62	62	62	63	65	63		65
08/08/94	Riser 8	J	TMACS	63	62	62	63	63	63	63	65	63		65
08/09/94	Riser 8	J	TMACS	63	63	63	62	62	62	63	65	63		65
08/10/94	Riser 8	J	TMACS	62	62	62	62	62	62	63	65	63		66
08/11/94	Riser 8	J	TMACS	63	62	62	62	62	62	63	64	63		65
08/12/94	Riser 8	J	TMACS	63	62	62	62	62	62	63	65	63		66
08/13/94	Riser 8	J	TMACS	63	62	62	62	62	62	63	65	63		65
08/14/94	Riser 8	J	TMACS	63	62	63	62	62	62	64	65	64		66
08/15/94	Riser 8	J	TMACS	62	62	62	62	62	62	63	65	63		66
08/16/94	Riser 8	J	TMACS	63	62	62	62	62	63	63	65	64		66
08/17/94	Riser 8	J	TMACS	62	62	62	62	62	62	63	65	64		66
08/18/94	Riser 8	J	TMACS	62	62	62	62	62	62	64	65	64		66
08/19/94	Riser 8	J	TMACS	62	62	62	62	62	63	63	65	64		66
08/20/94	Riser 8	J	TMACS	62	62	62	62	62	63	64	65	64		66
08/21/94	Riser 8	J	TMACS	63	62	62	62	62	62	64	65	64		66
08/22/94	Riser 8	J	TMACS	63	62	62	62	62	63	64	66	64		66
08/23/94	Riser 8	J	TMACS	63	62	62	62	62	62	64	66	64		67
08/24/94	Riser 8	J	TMACS	62	62	62	62	62	63	64	66	64		66
08/25/94	Riser 8	J	TMACS	63	62	62	62	62	63	64	66	64		67
08/26/94	Riser 8	J	TMACS	63	62	62	62	62	63	64	66	65		67
08/27/94	Riser 8	J	TMACS	63	62	62	62	63	63	64	66	65		67
08/28/94	Riser 8	J	TMACS	62	62	62	62	62	63	64	66	64		67

TEMPERATURE PROFILE FOR T204
08/01/1994 - 10/18/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 188.500000 inches as of: 10/06/94

	TC Height (inches from bottom)			24	48	72	96	120	144	168	192	216	240	264
DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10	11
08/29/94	Riser 8	J	TMACS	62	62	62	62	63	62	64	66	65		67
08/30/94	Riser 8	J	TMACS	62	62	62	62	62	63	64	66	65		67
08/31/94	Riser 8	J	TMACS	62	62	62	62	62	63	64	66	65		67
09/01/94	Riser 8	J	TMACS	62	62	62	62	62	62	64	66	65		67
09/02/94	Riser 8	J	TMACS	62	62	62	62	62	63	64	67	65		67
09/03/94	Riser 8	J	TMACS	63	62	62	62	62	63	64	67	65		68
09/04/94	Riser 8	J	TMACS	63	62	62	62	62	63	64	66	65		67
09/05/94	Riser 8	J	TMACS	63	63	62	63	63	63	65	67	65		68
09/06/94	Riser 8	J	TMACS	63	62	62	62	62	63	64	66	65		67
09/07/94	Riser 8	J	TMACS	62	62	62	62	63	63	64	67	66		68
09/08/94	Riser 8	J	TMACS	63	62	62	62	62	63	64	66	65		67
09/09/94	Riser 8	J	TMACS	63	62	62	63	62	63	64	67	65		68
09/10/94	Riser 8	J	TMACS	62	62	62	62	62	63	64	67	65		68
09/11/94	Riser 8	J	TMACS	63	62	62	63	63	64	64	67	66		68
09/12/94	Riser 8	J	TMACS	62	62	62	62	63	64	64	67	66		68
09/13/94	Riser 8	J	TMACS	63	62	62	63	63	63	65	67	66		68
09/14/94	Riser 8	J	TMACS	62	62	62	62	63	63	64	67	66		68
09/15/94	Riser 8	J	TMACS	63	63	63	62	62	64	65	67	66		68
09/16/94	Riser 8	J	TMACS	63	62	62	63	63	64	65	68	66		68
09/17/94	Riser 8	J	TMACS	62	63	62	62	62	63	64	67	66		68
09/20/94	Riser 8	J	TMACS	62	62	62	62	62	63	65	67	66		68
09/21/94	Riser 8	J	TMACS	62	62	62	62	62	63	64	67	66		68
09/22/94	Riser 8	J	TMACS	62	62	62	62	63	63	65	67	66		68
09/23/94	Riser 8	J	TMACS	63	63	63	63	63	64	65	68	66		68
09/24/94	Riser 8	J	TMACS	63	62	62	62	63	63	65	68	66		68
09/25/94	Riser 8	J	TMACS	62	62	62	62	63	63	65	67	66		68
09/26/94	Riser 8	J	TMACS	63	62	62	62	62	63	65	67	66		68
09/27/94	Riser 8	J	TMACS	62	62	62	62	63	64	65	68	66		68

TEMPERATURE PROFILE FOR
T204
08/01/1994 - 10/18/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 188.500000 inches as of: 10/06/94

	TC Height (inches from bottom)			24	48	72	96	120	144	168	192	216	240	264
DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10	11
09/28/94	Riser 8	J	TMACS	63	62	63	63	63	64	65	68	66		68
09/29/94	Riser 8	J	TMACS	62	62	62	62	62	63	65	68	66		68
09/30/94	Riser 8	J	TMACS	63	62	62	62	63	64	65	68	66		68
10/01/94	Riser 8	J	TMACS	63	62	62	62	63	64	65	68	66		68
10/02/94	Riser 8	J	TMACS	63	62	62	62	63	64	65	68	66		68
10/03/94	Riser 8	J	TMACS	63	62	62	63	63	64	65	68	67		68
10/04/94	Riser 8	J	TMACS	62	62	62	62	63	64	65	68	67		68
10/05/94	Riser 8	J	TMACS	63	63	63	63	63	64	66	68	67		68
10/06/94	Riser 8	J	TMACS	62	62	63	63	63	64	66	68	66		68
10/07/94	Riser 8	J	TMACS	63	62	63	63	64	64	66	69	67		69
10/08/94	Riser 8	J	TMACS	63	63	63	63	64	64	66	69	66		68
10/09/94	Riser 8	J	TMACS	63	62	63	63	63	65	65	68	67		68
10/10/94	Riser 8	J	TMACS	63	63	63	63	64	64	66	69	66		68
10/11/94	Riser 8	J	TMACS	63	62	62	63	63	64	65	68	67		68
10/12/94	Riser 8	J	TMACS	63	63	63	63	63	64	66	68	67		68
10/13/94	Riser 8	J	TMACS	63	62	63	63	64	64	66	69	66		68
10/14/94	Riser 8	J	TMACS	63	62	63	63	63	65	66	68	67		68
10/15/94	Riser 8	J	TMACS	63	63	63	63	64	64	66	69	66		68
10/16/94	Riser 8	J	TMACS	63	63	62	63	63	64	66	68	66		68
10/17/94	Riser 8	J	TMACS	63	63	63	64	64	65	66	69	67		68
10/18/94	Riser 8	J	TMACS	62	62	62	63	64	64	66	68	66		68

TEMPERATURE PROFILE FOR TX103
01/01/1993 - 10/18/1994

18 TANKS
TX-101, 110, 114, 116, 117

TEMPERATURES - °FAHRENHEIT

Surface Level: 58.600000 inches as of: 10/13/94

(FT). * Height Riser 4 — 13.44" 1-12' | 37.44" 3-12 | 61.44" 5-12 | 85.44" 7-12 | 104.44" 9-12 | 133.44" 11-12 | 145.44" 13-12 | 181.44" 15-12 | 205.44" 17-12 | 229.44" 19-12 | 253.44" 21-12 | 277.44" 23-12 | 325.44" 27-12 | 373.44" 31-12

DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10	11	12	13	14
03/02/93	Historical		MANUAL	71	69	65	64	64	64	64	63	62	66	64	65	64	65
07/13/93	Historical		MANUAL	55	56	58	58	58	58	58	58	58	58	58	58	58	58
01/06/94	Historical		MANUAL	71	70	69	(68)	68	67	67	68	68	68	67	68	67	68
07/03/94	Riser 4	J	MANUAL	71	70	68	68	68	68	68	68	68	68	68	67	67	67
07/18/94	Riser 4	J	MANUAL	91	91	90	89	89	89	88	87	87	86	86	85		

Riser 4 RISER ELEVATION IN FEET 670.27"
TANK BOTTOM ELEV. (FT) 622.73
WASTE LEVEL IN FEET 5.4"

* Source
WHC-SD-WM-TI-553 REV. 0 T.T. TRAN
Also Provides tank drawing #'s.

TX-101, 102 (~~missing~~ NO T/C tree), 110, 114, 116, 117 no access - In T/C Tree's or no trees.

TEMPERATURE PROFILE FOR
TX104
01/01/1993 - 10/18/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 33.000000 inches as of: 10/18/94

DATE	RISER		SOURCE	1 (FT) 0.98*	2 2.98	3 4.98	4 6.98	5 8.98	6 10.98	7 12.98	8 14.98	9 16.98	10 18.98	11 20.98	12 22.98	13 26.98	14 30.98
03/02/93	Historical		MANUAL	64	62	62	63	63	63	63	63	63	63	63	63	63	63
07/13/93	Historical		MANUAL	60	60	61	61	61	61	60	61	61	60	61	60	60	60
01/06/94	Historical		MANUAL	65	64	64	64	64	64	64	64	64	64	64	64	64	64
07/03/94	Riser 4	J	MANUAL	64	64	64	64	64	63	63	63	64	64	63	63	63	63

* TC in waste

TEMPERATURE PROFILE FOR TX105
08/01/1994 - 10/18/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 214.000000 inches as of: 10/01/94

TC Height (inches from bottom)				5	29	53	77	101	214	293
DATE	RISER		SOURCE	1	2	3	4	5		6
08/02/94	Riser 4	J	MANUAL	93	94	95	95	94		75
08/08/94	Riser 4	J	MANUAL	92	93	94	95	94		75
08/15/94	Riser 4	J	MANUAL	93	94	95	95	95		76
08/15/94	Riser 4	J	MANUAL	92	92	93	93	93	81.82	74
08/22/94	Riser 4	J	MANUAL	93	94	95	95	95		77
08/29/94	Riser 4	J	MANUAL	92	94	94	95	95		77
09/06/94	Riser 4	J	MANUAL	92	92	93	94	94		76
09/12/94	Riser 4	J	MANUAL	93	94	95	96	96		78
09/19/94	Riser 4	J	MANUAL	93	92	93	95	94		77
09/26/94	Riser 4	J	MANUAL	93	94	95	96	96		78
10/03/94	Riser 4	J	MANUAL	93	95	96	96	97*	87	80*
10/10/94	Riser 4	J	MANUAL	93	94	95	96	96		78

T/C in waste (#) 1. 2. 3. 4 5 6

Tc Height 0.45 2.41 4.41 6.41 8.41 24.41

High

101 96

293 80

192 $\frac{16^{\circ}}{192''} \times 79'' = 6.58^{\circ}$

$79 = 293 - 214$

$214'' = 80 + 6.58 = 86.58^{\circ}F$

Low $-101 \quad +93$

$+293 \quad -74$

$192 \quad 19$

$\frac{19^{\circ}}{192''} \times 79'' = 7.82$

$(74 + 7.82)^{\circ}F = 81.82$

TEMPERATURE PROFILE FOR
TX106
01/01/1993 - 10/18/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 133.250000 inches as of: 10/02/94

T/C Height (FT) 1.56* 3.56* 5.56* 7.56* 9.56 11.56* 13.56* 15.56 17.56 19.56 21.56 23.56 27.56 31.56

DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10	11	12	13	14
03/02/93	Historical		MANUAL	80	80	80	78	74	71	69	69	69	69	69	68	69	70
07/13/93	Historical		MANUAL	49	50	51	52	55	58	59	60	60	60	59	59	59	59
01/06/94	Historical		MANUAL	77	78	78	78	74	71	70	70	69	70	70	70	70	70
07/07/94	Riser 4	J	MANUAL	78	78	77	76	73	70	68	68	69	69	69	69	69	69

* TC in waste

FREQ.: SEMI ANUALLY MONITORED

TEMPERATURE PROFILE FOR
TX107
01/01/1993 - 10/18/1994

Surface Level: 17.700000 inches as of: 10/11/94

12.12" 36.12" 60.12" TEMPERATURES - °FAHRENHEIT

T/C Height in (FT) 1.01▲ 3.01 5.01 7.01 9.01 11.01 13.01 15.01 17.01 19.01 21.01 23.01 27.01 372.12" 31.01

DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10	11	12	13	14
02/22/93	Historical		MANUAL	41*	41*	41*	41*	41*	40*	40*	40*	40*	40*	40*	40*		
03/02/93	Historical		MANUAL	67	66	67	67	67	67	67	67	66	59*	66	66	66	66
07/13/93	Historical		MANUAL	59	(60)	60	60	60	60	60	60	55	60	60	59	59	59
10/09/93	Riser 4	J	MANUAL	(69)	69	68	68	69	69	69	69	69	69	70	70		
01/06/94	Historical		MANUAL	66	[64]	65	65	66	66	66	66		65	65	66	65	65
07/03/94	Riser 4	J	MANUAL	(66)	66	66	66	67	67	67	67		67	68	68	68	68

RISER ELEVATION 670.16"
TANK BOTTOM ELEV. 622.73"
WASTE LEVEL 1.7
▲ T/C in waste
RISER 9A had one time T/C tree.

1.7 × 12 = 20.4

8 12/20

E-251

WHC-SD-WM-ES-328, REV 0

TEMPERATURE PROFILE FOR
TX108
01/01/1993 - 10/18/1994

TEMPERATURES - °FAHRENHEIT

36.24" 60.24"

Surface Level: 54.600000 inches as of: 10/18/94

T/C Height (FT) 1.02 3.02 5.02 7.02 9.02 11.02 13.02 15.02 17.02 19.02 21.02 23.02 27.02 372.24" 31.02

DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10	11	12	13	14
03/02/93	Historical		MANUAL	64	65	(62	62	62	62	62	63	63	62	63	63	63	62
07/13/93	Historical		MANUAL	59	59	(61)	61	61	61	61	61	61	61	60	61	60	60
01/06/94	Historical		MANUAL	68	67	65	65	65	65	65	65	65	65	65	65	66	65
07/03/94	Riser 4	J	MANUAL	66	68	64	64	64	63	(81)	63	63	63	63	64	63	63

A T/C in waste

TEMPERATURE PROFILE FOR
TX109
01/01/1993 - 10/18/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 140.000000 inches as of: 10/18/94

T/C Height (FT) 1.01▲ 3.01▲ 5.01▲ 7.01▲ 9.01▲ 132+12" 11.01▲ 156-12" 13.01 15.01 17.01 19.01 21.01 23.01 27.01 372-12" 31.01

DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10	11	12	13	14
03/02/93	Historical		MANUAL	94	96	97	97	96	91	77	78	77	77				
07/13/93	Historical		MANUAL	64	64	63	63	63	62	62	62	62	62				
01/06/94	Historical		MANUAL	94	94	94	95	91	91	82	79	79	79				
07/03/94	Riser 8	J	MANUAL	92	93	94	93	91	88	(80)	78	78	78	77	77	77	77
07/21/94	Riser 8	J	MANUAL	192	192	192	192	192	192	(192)	192	192	192	192	192		

▲ T/C in waste

TEMPERATURE PROFILE FOR
TX110
01/01/1993 - 10/18/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 141.250000 inches as of: 10/02/94

	TC Height (inches from bottom)		4	28	52	76	100	124	148	172	196	220	244	268
DATE	RISER	SOURCE	1	2	3	4	5	6	7	8	9	10	11	12
02/22/93	Historical	MANUAL	39*	39*	39*	40*	40*	40*	40*	40*	40*	40*	40*	40*

Tc height (inches) 1 2 3 4 5 6

0 36' 2.32' 4.32' 6.32' 8.32' 24.32'

261.84"

TC 1 thru 5 40°F 2/22/93, Tc in waste

* Bad data

* Data below 59°F suspect

See attached pages.

24.32
12
261.84

TEMPERATURE PROFILE FOR TX110
01/01/1974 - 10/18/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 141.250000 inches as of: 10/02/94

DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10	11	12
07/17/82	Riser 8	J	MANUAL	54	106	65	108	107	101						
08/15/82	Riser 8	J	MANUAL	170*	111	77	113	111	105						
09/10/82	Riser 8	J	MANUAL		116	80	114	116	112						
10/08/82	Riser 8	J	MANUAL		120	106	120		116						
11/05/82	Riser 8	J	MANUAL		110	98	110		106						
12/18/82	Riser 8	J	MANUAL		119	103	118	119	115						
01/02/83	Riser 8	J	MANUAL		118	107	117	108	117						
02/05/83	Riser 8	J	MANUAL		128	121	127		123						
03/06/83	Riser 8	J	MANUAL		127	82	118		120						
04/03/83	Riser 8	J	MANUAL	41*	39*	39*	37*	60*	27*						
11/10/83	Riser 8	J	MANUAL	104	103	98	99	98							
01/04/84	Riser 8	J	MANUAL	99	99	94	95	96	95						
02/15/84	Riser 8	J	MANUAL	109	104	99	101	101	98						
03/14/84	Riser 8	J	MANUAL	106	104	99	100	100							
06/19/84	Riser 8	J	MANUAL	176*	184*	111*	206*	272*	312*						
07/02/85	Riser 8	J	MANUAL	90	91	90	90	91	91						
04/23/91	Historical		MANUAL	69*	69*	69*	69*	70*	72*	73*	74*	73*	73*	74*	74*
04/24/91	Historical		MANUAL	71	71	71	71	72	74	75	76	76	77	77	
02/22/93	Historical		MANUAL	39*	39*	39*	40*	40*	40*	40*	40*	40*	40*	40*	40*

TEMPERATURE PROFILE FOR
TX110
01/01/1974 - 10/18/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 141.250000 inches as of: 10/02/94

DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10	11	12
01/20/77	Riser 8	J	MANUAL		150	153	153	151	146						
02/01/77	Riser 8	J	MANUAL		140	143	143	141	137						
02/14/77	Riser 8	J	MANUAL		145	148	148	146	141						
03/01/77	Riser 8	J	MANUAL		146	148	149	147	143						
03/13/77	Riser 8	J	MANUAL		144	147	149	145	141						
04/13/77	Riser 8	J	MANUAL		140	144	144	142	137						
05/19/77	Riser 8	J	MANUAL		136	139	142	138	133						
07/07/77	Riser 8	J	MANUAL		139	142	141	139	134						
08/02/77	Riser 8	J	MANUAL		133	136	136	133	128						
09/07/77	Riser 8	J	MANUAL		133	135	136	133	128						
10/07/77	Riser 8	J	MANUAL		142	145	146	144	139						
11/22/77	Riser 8	J	MANUAL		150	153	153	150	145						
12/16/77	Riser 8	J	MANUAL	140	142	143	140	134	126						
01/14/78	Riser 8	J	MANUAL		143	145	146	142	135						
02/21/78	Riser 8	J	MANUAL		135	137	138	134	117						
11/23/78	Riser 8	J	MANUAL	106	133	133	134	135	136						
12/28/78	Riser 8	J	MANUAL		139	141	141	141	131						
02/14/79	Riser 8	J	MANUAL		127	129	127	128	117						
03/03/79	Riser 8	J	MANUAL		127	127	126	122	115						
05/17/79	Riser 8	J	MANUAL	322*	125	125	125	120	112						
08/28/79	Riser 8	J	MANUAL	164	116	117	116	113	107						
10/29/79	Riser 8	J	MANUAL		128	130	130	130	127						
04/07/80	Riser 8	J	MANUAL		118	125	117	110	101						
11/10/81	Riser 8	J	MANUAL	188*	49*	49*	49*	49*	49*						
03/05/82	Riser 8	J	MANUAL		112	96	104	109	105						
04/04/82	Riser 8	J	MANUAL	72	114	92	101	110	105						
05/10/82	Riser 8	J	MANUAL		95		92	89	86						
06/02/82	Riser 8	J	MANUAL		107	71	98	104	98						

COMMENT REPORT FOR
TX110
01/01/1974 - 10/18/1994

Comments for TANK:

Jan 7 1977 12:00AM : Data sheets poor copies where temp. values are illegible; not able to entry data to SACS.

Jan 21 1980 12:00AM : O/S

Feb 28 1980 12:00AM : Data sheet poor copies where temp. values are illegible and not able to enter to SACS.

Jun 29 1981 12:00AM : Data sheet poor copy where temp. values are illegible to read for entry to SACS.

Feb 17 1982 12:00AM : O/S

May 1 1983 12:00AM : O/S

Jul 4 1983 12:00AM : O/S

Aug 3 1983 12:00AM : O/S

Sep 1 1983 12:00AM : O/S

Oct 9 1983 12:00AM : O/S

Sep 5 1988 12:00AM : O/S

Comments for SENSORS:

Jan 20 1977 12:00AM TX110 - Riser 8 Thermocouple #1 : O/S

Feb 14 1977 12:00AM TX110 - Riser 8 Thermocouple #1 : O/S

Mar 1 1977 12:00AM TX110 - Riser 8 Thermocouple #1 : O/S

Mar 13 1977 12:00AM TX110 - Riser 8 Thermocouple #1 : O/S

Apr 13 1977 12:00AM TX110 - Riser 8 Thermocouple #1 : O/S

May 19 1977 12:00AM TX110 - Riser 8 Thermocouple #1 : O/S

Jul 7 1977 12:00AM TX110 - Riser 8 Thermocouple #1 : O/S

Aug 2 1977 12:00AM TX110 - Riser 8 Thermocouple #1 : O/S

Sep 7 1977 12:00AM TX110 - Riser 8 Thermocouple #1 : O/S

Oct 7 1977 12:00AM TX110 - Riser 8 Thermocouple #1 : O/S

Nov 22 1977 12:00AM TX110 - Riser 8 Thermocouple #1 : O/S

Nov 22 1977 1:00AM TX110 - Riser 8 Thermocouple #1 : O/S

Jan 14 1978 12:00AM TX110 - Riser 8 Thermocouple #1 : O/S

Feb 21 1978 12:00AM TX110 - Riser 8 Thermocouple #1 : O/S

Dec 28 1978 12:00AM TX110 - Riser 8 Thermocouple #1 : O/S

Feb 14 1979 12:00AM TX110 - Riser 8 Thermocouple #1 : O/S

COMMENT REPORT FOR
TX110
01/01/1974 - 10/18/1994

Comments for SENSORS:

Mar 3 1979 12:00AM TX110 - Riser 8 Thermocouple #1 : O/S

Oct 29 1979 12:00AM TX110 - Riser 8 Thermocouple #1 : O/S

Feb 28 1980 12:00AM TX110 - Riser 8 Thermocouple #1 : O/S

Apr 7 1980 12:00AM TX110 - Riser 8 Thermocouple #1 : O/S

Mar 5 1982 12:00AM TX110 - Riser 8 Thermocouple #1 : O/S

May 10 1982 12:00AM TX110 - Riser 8 Thermocouple #1 : TCs 1 & 3 O/S

Jun 2 1982 12:00AM TX110 - Riser 8 Thermocouple #1 : O/S

Sep 10 1982 12:00AM TX110 - Riser 8 Thermocouple #1 : O/S

Oct 8 1982 12:00AM TX110 - Riser 8 Thermocouple #1 : TCs 1 & 5 O/S

Nov 5 1982 12:00AM TX110 - Riser 8 Thermocouple #1 : TCs 1 & 5 O/S

Dec 18 1982 12:00AM TX110 - Riser 8 Thermocouple #1 : O/S

Jan 2 1983 12:00AM TX110 - Riser 8 Thermocouple #1 : O/S

Feb 5 1983 12:00AM TX110 - Riser 8 Thermocouple #1 : TCs 1 & 5 O/S

Mar 6 1983 12:00AM TX110 - Riser 8 Thermocouple #1 : TCs 1 & 5 O/S

Nov 10 1983 12:00AM TX110 - Riser 8 Thermocouple #6 : O/S

11.5' x 12 = 141.6

TEMPERATUR OFILE FOR TX111
01/01/1993 - 10/18/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 135.000000 inches as of: 10/02/94

129.36 153.36"

T/c Height (FT)			0.78	2.78	4.78	6.78	8.78	10.78	12.78	14.78	16.78	18.78	20.78	22.78	26.78	30.78
DATE	RISER	SOURCE	1	2	3	4	5	6	7	8	9	10	11	12	13	14
02/22/93	Historical	MANUAL	40*	40*	40*	40*	40*	40*	41*	40*	40*	40*	40*	40*		
03/02/93	Historical	MANUAL	80	81	79	78	75	70	66	65	65	65	65	65	65	61
07/13/93	Historical	MANUAL	61	61	62	63	65	69	71	72	72	72	72	72	72	72
01/06/94	Historical	MANUAL	78	79	79	78	76	73	69	68	68	68	67	68	68	68
07/03/94	Riser 8 J	MANUAL	78	78	78	77	74	70	68	67	67	68	68	67	68	68

* Bad data

TEMPERATURE PROFILE FOR
TX112
01/01/1993 - 10/18/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 237.500000 inches as of: 10/01/94

T/C Height: (ft) 0.78 2.78 4.78 6.78 8.78 10.78 12.78 14.78 16.78 18.78 20.78 22.78 26.78 30.78

225.36" 249.36" 273.36" 369.36"

DATE	RISER	SOURCE	1	2	3	4	5	6	7	8	9	10	11	12	13	14
02/22/93	Historical	MANUAL	40*	40*	40*	40*	40*	40*	40*	40*	39*	39*	39*	39*		
03/02/93	Historical	MANUAL	72	72	72	73	72	72	70	69	66	63	61	60	60	60
07/13/93	Historical	MANUAL	72	72	73	72	73	74	75	77	78	(80)	80	80	80	80
01/06/94	Historical	MANUAL	64	63	64	65	64	67	66	66	66	66	64	64	64	64
07/03/94	Riser 8 J	MANUAL	70	71	71	71	70	69	68	67	65	64	(63)	63	63	63

TEMPERATURE PROFILE FOR
TX113
01/01/1993 - 10/18/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 215.500000 inches as of: 10/01/94

DATE	RISER	SOURCE	1	2	3	4	5	6	7	8	9	10	11	12	13	14
03/02/93	Historical	MANUAL	72	73	73	73	73	70	69	67	65	61	60	60	60	60
07/13/93	Historical	MANUAL	61	61	62	62	64	65	67	68	69	70	70	70	70	70
01/06/94	Historical	MANUAL	72	71	70	70	67	62	62	62	63	63	62	62	62	61
07/03/94	Riser 8 J	MANUAL	65	66	66	66	70	69	68	67	66	74	74	74	73	72

Height not available (use estimated height)

TX-114 No access to T/C

TEMPERATURE PROFILE FOR
TX115
01/01/1993 - 10/18/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 201.250000 inches as of: 10/01/94

181.44" 205.44" 229.44" 373

DATE	RISER	SOURCE	1	2	3	4	5	6	7	8	9	10	11	12	13	14
03/02/93	Historical	MANUAL	68	70	70	70	70	60	60	62	65	67	60	60	60	60
07/13/93	Historical	MANUAL	62	62	63	64	65	66	67	69	70	70	69	69	70	69
01/06/94	Historical	MANUAL	70	69	69	69	64	62	61	62	62	63	62	61	61	61
07/03/94	Riser 3 J	MANUAL	65	65	65	65	68	67	65	65	65	72	72	71	71	70

T/C Height not available (used estimated height)

TX-116 No access to T/C
TX-116

TEMPERATURE PROFILE FOR TX118
08/01/1994 - 10/18/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 112.000000 inches as of: 10/12/94

TC Height (inches from bottom)				6	30	54	78	102	126	150	174	198	222	246	270	318	366
DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10	11	12	13	14
08/01/94	Riser 3	J	TMACS	74	74	73	73	72	71	72	73	69	69	69	69	70	71
08/02/94	Riser 3	J	TMACS	74	74	74	73	72	71	71	73	69	69	69	69	70	71
08/03/94	Riser 3	J	TMACS	74	74	74	73	72	71	72	73	69	69	69	69	69	70
08/04/94	Riser 3	J	TMACS	74	74	74	73	72	71	72	73	69	69	69	69	70	71
08/05/94	Riser 3	J	TMACS	75	74	74	73	72	72	72	73	69	69	69	69	70	71
08/06/94	Riser 3	J	TMACS	75	74	74	73	72	71	72	73	70	69	70	70	70	71
08/07/94	Riser 3	J	TMACS	75	75	74	74	73	72	73	74	70	69	69	70	71	71
08/08/94	Riser 3	J	TMACS	75	75	74	74	73	72	73	74	70	69	70	70	71	71
08/09/94	Riser 3	J	TMACS	75	75	74	74	73	72	73	74	69	69	70	70	71	71
08/10/94	Riser 3	J	TMACS	75	75	74	74	73	72	73	74	70	70	70	70	71	72
08/11/94	Riser 3	J	TMACS	74	74	74	73	72	72	73	74	69	70	70	70	71	71
08/12/94	Riser 3	J	TMACS	74	74	74	73	72	72	72	73	70	69	70	70	71	71
08/13/94	Riser 3	J	TMACS	74	74	74	74	73	72	73	74	70	70	70	70	71	71
08/14/94	Riser 3	J	TMACS	75	74	74	74	73	72	72	74	69	69	70	70	71	72
08/15/94	Riser 3	J	MANUAL	74	74	74	74	73	72	73	73	70	70	70	70	71	70
	Riser 3	J	TMACS	75	74	74	74	73	72	73	74	70	70	70	70	71	71
08/16/94	Riser 3	J	TMACS	75	74	75	74	73	73	73	74	70	70	71	71	71	72
08/17/94	Riser 3	J	TMACS	75	74	75	74	73	72	73	74	70	70	70	71	71	72
08/18/94	Riser 3	J	TMACS	75	74	75	74	73	72	73	74	70	70	71	71	71	72
08/19/94	Riser 3	J	TMACS	75	75	74	74	73	73	73	75	70	70	71	70	72	72
08/20/94	Riser 3	J	TMACS	75	75	74	74	73	72	73	74	71	71	70	71	72	72
08/21/94	Riser 3	J	TMACS	75	74	74	74	73	73	73	75	70	71	71	71	72	72
08/22/94	Riser 3	J	TMACS	75	74	75	74	73	73	73	75	71	71	71	71	72	72
08/23/94	Riser 3	J	TMACS	75	74	75	74	73	73	73	75	71	71	71	71	72	72
08/24/94	Riser 3	J	TMACS	75	75	75	75	74	73	74	75	71	71	71	71	72	73
08/25/94	Riser 3	J	TMACS	74	74	74	74	73	73	73	75	71	70	71	71	72	73
08/26/94	Riser 3	J	TMACS	75	75	75	74	73	73	74	75	71	71	71	71	72	73
08/27/94	Riser 3	J	TMACS	75	75	74	75	74	73	74	75	71	71	71	71	72	73

TEMPERATURE PROFILE FOR
TX118
08/01/1994 - 10/18/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 112.000000 inches as of: 10/12/94

TC Height (inches from bottom)				6	30	54	78	102	126	150	174	198	222	246	270	318	366
DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10	11	12	13	14
08/28/94	Riser 3	J	TMACS	75	74	74	74	73	73	73	75	71	71	71	71	72	73
08/29/94	Riser 3	J	TMACS	75	75	74	75	74	73	74	75	71	71	71	71	72	73
08/30/94	Riser 3	J	TMACS	75	74	75	74	74	73	74	75	71	71	71	71	72	73
08/31/94	Riser 3	J	TMACS	74	74	75	75	73	73	73	75	71	71	71	71	72	73
09/01/94	Riser 3	J	TMACS	74	74	74	75	73	73	73	75	71	71	72	72	73	73
09/02/94	Riser 3	J	TMACS	75	75	75	75	74	73	74	75	71	71	71	71	73	73
09/03/94	Riser 3	J	TMACS	75	75	75	75	74	73	74	75	71	71	72	72	73	73
09/04/94	Riser 3	J	TMACS	75	75	75	75	74	74	75	76	71	71	72	72	73	73
09/05/94	Riser 3	J	TMACS	75	75	75	75	75	74	75	76	71	71	72	72	73	73
09/06/94	Riser 3	J	TMACS	75	75	75	75	74	73	74	76	71	72	72	72	73	73
09/07/94	Riser 3	J	TMACS	75	74	75	75	74	74	74	75	72	71	72	72	72	73
09/08/94	Riser 3	J	TMACS	75	75	75	75	75	74	74	76	71	71	72	72	73	73
09/09/94	Riser 3	J	TMACS	75	75	75	75	74	74	74	75	72	71	72	72	73	73
09/10/94	Riser 3	J	TMACS	75	75	75	75	75	74	75	76	72	71	72	72	73	73
09/11/94	Riser 3	J	TMACS	75	75	75	75	75	74	75	76	71	71	72	72	73	73
09/12/94	Riser 3	J	TMACS	75	74	75	75	74	73	74	76	72	72	72	72	73	73
09/13/94	Riser 3	J	TMACS	75	75	75	75	75	74	75	76	72	72	72	72	73	74
09/14/94	Riser 3	J	TMACS	75	75	75	75	75	74	75	76	72	72	72	72	73	74
09/15/94	Riser 3	J	TMACS	75	75	75	75	75	74	75	76	72	72	72	72	73	74
09/16/94	Riser 3	J	TMACS	75	75	75	75	74	74	75	76	72	72	73	73	73	74
09/17/94	Riser 3	J	TMACS	75	75	75	75	75	74	75	76	72	71	72	72	73	74
09/19/94	Riser 3	J	MANUAL	76	76	76	76	76	73	73	73	73	74	74	74	74	74
09/20/94	Riser 3	J	TMACS	75	75	75	75	75	74	75	76	72	71	72	72	73	73
09/21/94	Riser 3	J	TMACS	75	75	75	75	75	74	75	76	72	72	72	72	73	74
09/22/94	Riser 3	J	TMACS	75	75	75	75	75	74	75	76	72	72	72	72	74	74
09/23/94	Riser 3	J	TMACS	75	75	75	75	75	75	75	77	72	72	72	72	73	74
09/24/94	Riser 3	J	TMACS	75	75	75	75	74	74	75	76	72	72	73	73	73	74
09/25/94	Riser 3	J	TMACS	74	75	75	75	75	75	75	76	73	72	73	73	74	74

TEMPERATURE PROFILE FOR
TX118
08/01/1994 - 10/18/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 112.000000 inches as of: 10/12/94

TC Height (inches from bottom)				6	30	54	78	102	126	150	174	198	222	246	270	318	366
DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10	11	12	13	14
09/26/94	Riser 3	J	TMACS	74	75	75	75	75	74	75	76	72	72	73	72	73	74
09/27/94	Riser 3	J	TMACS	75	75	75	75	75	75	75	77	72	72	72	73	73	74
09/28/94	Riser 3	J	TMACS	75	75	75	76	75	75	75	77	72	73	73	73	74	75
09/29/94	Riser 3	J	TMACS	75	75	75	75	75	74	75	76	73	72	72	73	73	74
09/30/94	Riser 3	J	TMACS	75	75	75	75	75	75	76	76	73	72	73	73	74	74
10/01/94	Riser 3	J	TMACS	75	75	75	76	75	75	75	77	72	72	73	73	74	74
10/02/94	Riser 3	J	TMACS	75	75	75	76	75	75	75	77	72	73	73	73	73	74
10/03/94	Riser 3	J	TMACS	75	75	76	76	76	75	76	77	73	73	73	73	74	74
10/04/94	Riser 3	J	TMACS	75	75	75	76	75	75	75	76	73	72	73	73	74	75
10/05/94	Riser 3	J	TMACS	75	75	75	76	75	75	76	77	72	72	73	73	74	74
10/06/94	Riser 3	J	TMACS	75	75	75	76	75	75	76	76	72	72	72	73	73	74
10/07/94	Riser 3	J	TMACS	75	75	76	76	76	75	76	77	73	73	73	73	74	75
10/08/94	Riser 3	J	TMACS	75	75	76	76	75	75	76	77	73	73	73	73	74	74
10/09/94	Riser 3	J	TMACS	75	75	76	76	75	75	75	77	73	73	73	73	74	75
10/10/94	Riser 3	J	TMACS	75	75	76	76	76	75	76	77	73	73	73	73	74	75
10/11/94	Riser 3	J	TMACS	75	75	76	76	75	75	76	77	73	73	73	73	74	75
10/12/94	Riser 3	J	TMACS	75	75	76	77	76	75	76	78	73	73	73	73	75	75
10/13/94	Riser 3	J	TMACS	75	75	76	76	76	75	76	77	73	73	73	73	74	75
10/14/94	Riser 3	J	TMACS	75	76	76	76	76	75	76	77	72	73	73	73	74	74
10/15/94	Riser 3	J	TMACS	75	76	76	77	76	75	76	77	73	73	73	74	75	75
10/16/94	Riser 3	J	TMACS	75	76	76	76	76	75	76	77	73	73	73	73	74	75
10/17/94	Riser 3	J	TMACS	76	75	76	77	76	75	76	77	73	73	73	73	75	75
10/18/94	Riser 3	J	TMACS	75	75	75	76	75	75	76	77	73	73	73	73	74	75

6 TANKS

TEMPERATURE PROFILE FOR TY101
08/01/1994 - 10/18/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 50.300000 inches as of: 10/12/94

TC Height (inches from bottom)				13	37	61	85	109	133	157	181	205	229	253	277	325	373
DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9.	10	11	12	13	14
08/01/94	Riser 4	J	TMACS	63	64	65	65	65	65	66	67	65	64	65	65	66	67
08/02/94	Riser 4	J	TMACS	63	64	65	66	66	66	67	68	65	64	65	65	66	67
08/03/94	Riser 4	J	TMACS	63	64	65	66	66	66	67	69	65	64	65	65	66	67
08/04/94	Riser 4	J	TMACS	64	64	65	66	66	66	67	68	64	65	65	65	66	67
08/05/94	Riser 4	J	TMACS	64	64	65	65	66	66	66	67	65	65	65	66	66	67
08/06/94	Riser 4	J	TMACS	64	65	65	66	66	67	67	68	65	65	66	66	67	67
08/07/94	Riser 4	J	TMACS	64	65	66	66	66	66	68	68	65	65	65	65	67	67
08/08/94	Riser 4	J	TMACS	64	65	66	66	66	67	68	69	65	65	66	66	67	68
08/09/94	Riser 4	J	TMACS	64	65	66	66	67	67	68	69	65	65	66	66	67	68
08/10/94	Riser 4	J	TMACS	64	65	66	66	67	67	68	70	66	66	66	66	67	68
08/11/94	Riser 4	J	TMACS	64	64	66	66	67	67	68	69	65	65	66	66	66	68
08/12/94	Riser 4	J	TMACS	63	64	66	66	66	67	68	69	65	65	65	66	66	67
08/13/94	Riser 4	J	TMACS	64	65	66	66	67	67	68	69	65	66	66	66	67	68
08/14/94	Riser 4	J	TMACS	64	64	66	66	66	67	68	69	66	66	66	66	67	68
08/15/94	Riser 4	J	MANUAL	64	64	66	66	66	67	68	69	65	65	66	66	66	66
	Riser 4	J	TMACS	64	64	66	66	66	66	67	68	66	66	66	66	67	68
08/16/94	Riser 4	J	TMACS	63	65	65	66	66	66	67	67	66	66	66	66	67	68
08/17/94	Riser 4	J	TMACS	64	65	66	66	66	66	66	67	66	66	66	66	67	68
08/18/94	Riser 4	J	TMACS	64	65	66	67	67	67	68	70	66	66	66	66	68	68
08/19/94	Riser 4	J	TMACS	64	65	66	67	67	67	68	69	66	66	67	66	67	68
08/20/94	Riser 4	J	TMACS	64	65	66	66	67	67	67	68	66	66	66	67	68	68
08/21/94	Riser 4	J	TMACS	64	64	66	66	66	67	68	68	66	66	67	67	68	68
08/22/94	Riser 4	J	TMACS	64	65	66	67	68	68	69	70	66	67	66	66	67	68
08/23/94	Riser 4	J	TMACS	64	65	66	66	67	67	68	68	66	66	67	67	68	69
08/24/94	Riser 4	J	TMACS	64	65	66	67	67	68	69	69	66	66	67	67	68	69
08/25/94	Riser 4	J	TMACS	64	65	66	66	67	67	68	68	67	67	67	67	68	68
08/26/94	Riser 4	J	TMACS	64	65	67	67	67	67	68	69	66	67	67	67	68	69
08/27/94	Riser 4	J	TMACS	64	66	67	67	68	68	69	71	66	67	66	67	68	69

TEMPERATURE PROFILE FOR TY101
08/01/1994 - 10/18/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 50.300000 inches as of: 10/12/94

TC Height (inches from bottom)				13	37	61	85	109	133	157	181	205	229	253	277	325	373
DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10	11	12	13	14
08/28/94	Riser 4	J	TMACS	64	65	67	67	67	67	69	69	66	67	67	67	68	69
08/29/94	Riser 4	J	TMACS	64	65	67	67	67	68	68	69	67	67	67	68	69	69
08/30/94	Riser 4	J	TMACS	65	66	67	67	68	68	68	69	67	67	67	68	68	69
08/31/94	Riser 4	J	TMACS	65	66	67	68	68	69	69	70	67	67	67	67	68	69
09/01/94	Riser 4	J	TMACS	64	65	67	67	68	68	68	69	67	67	67	67	68	69
09/02/94	Riser 4	J	TMACS	64	65	67	67	68	67	68	69	66	67	67	67	68	69
09/03/94	Riser 4	J	TMACS	65	66	67	68	68	69	69	71	66	67	67	67	69	69
09/04/94	Riser 4	J	TMACS	64	66	67	68	68	68	69	70	67	68	67	68	69	69
09/05/94	Riser 4	J	TMACS	64	66	67	68	68	69	69	71	67	67	67	68	68	69
09/06/94	Riser 4	J	TMACS	65	66	68	67	68	69	69	71	67	67	67	68	68	69
09/07/94	Riser 4	J	TMACS	64	66	67	68	68	69	69	70	67	67	67	68	68	69
09/08/94	Riser 4	J	TMACS	64	66	67	68	68	68	69	71	67	67	67	67	68	69
09/09/94	Riser 4	J	TMACS	65	66	67	68	68	68	68	69	67	67	67	67	69	69
09/10/94	Riser 4	J	TMACS	64	66	68	68	68	69	70	71	67	68	68	68	69	69
09/11/94	Riser 4	J	TMACS	65	66	68	68	68	69	70	71	67	68	68	68	69	69
09/12/94	Riser 4	J	TMACS	64	66	67	68	68	68	69	69	67	68	68	68	69	69
09/13/94	Riser 4	J	TMACS	65	66	68	68	69	69	70	71	67	67	68	68	69	69
09/14/94	Riser 4	J	TMACS	65	66	68	68	68	69	69	70	67	67	68	68	69	70
09/15/94	Riser 4	J	TMACS	65	66	68	68	69	69	70	71	67	67	68	68	69	69
09/16/94	Riser 4	J	TMACS	65	66	68	68	69	69	70	71	67	67	68	68	69	69
09/17/94	Riser 4	J	TMACS	65	66	68	68	68	69	69	71	67	67	67	68	68	69
09/20/94	Riser 4	J	TMACS	65	67	68	68	68	69	70	71	67	67	67	68	69	69
09/21/94	Riser 4	J	TMACS	65	66	67	68	68	68	68	69	69	68	68	68	69	69
09/22/94	Riser 4	J	TMACS	65	67	68	68	69	69	69	71	67	67	67	68	68	70
09/23/94	Riser 4	J	TMACS	65	67	68	68	69	69	70	71	67	68	67	68	69	69
09/24/94	Riser 4	J	TMACS	65	67	68	68	69	69	70	71	67	68	68	68	69	69
09/25/94	Riser 4	J	TMACS	65	66	68	68	69	69	70	71	67	68	68	68	69	70
09/26/94	Riser 4	J	TMACS	65	66	68	68	68	69	69	71	68	67	68	68	69	69

TEMPERATURE PROFILE FOR
TY101
08/01/1994 - 10/18/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 50.300000 inches as of: 10/12/94

TC Height (inches from bottom)				13	37	61	85	109	133	157	181	205	229	253	277	325	373
DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10	11	12	13	14
09/27/94	Riser 4	J	TMACS	66	67	68	69	69	69	70	71	67	68	68	68	69	69
09/28/94	Riser 4	J	TMACS	65	67	68	68	69	69	71	72	68	67	68	68	69	70
09/29/94	Riser 4	J	TMACS	65	66	68	68	68	69	69	70	68	67	68	68	69	69
09/30/94	Riser 4	J	TMACS	65	67	68	69	68	69	70	71	67	68	68	68	69	70
10/01/94	Riser 4	J	TMACS	65	66	68	68	69	69	70	71	68	67	68	68	69	70
10/02/94	Riser 4	J	TMACS	65	66	68	68	68	69	69	71	68	68	68	68	69	70
10/03/94	Riser 4	J	TMACS	65	67	68	68	69	69	70	70	68	68	68	69	69	70
10/04/94	Riser 4	J	TMACS	65	67	68	68	69	69	70	71	68	68	68	69	69	70
10/05/94	Riser 4	J	TMACS	65	67	68	68	69	69	70	71	67	68	68	68	69	70
10/06/94	Riser 4	J	TMACS	65	66	68	68	69	69	69	70	68	68	68	68	69	70
10/07/94	Riser 4	J	TMACS	66	67	68	69	69	69	71	72	68	68	68	68	69	70
10/08/94	Riser 4	J	TMACS	65	67	68	68	69	70	70	71	67	68	68	68	69	70
10/09/94	Riser 4	J	TMACS	66	67	68	68	69	69	70	71	68	68	68	69	69	70
10/10/94	Riser 4	J	TMACS	66	67	68	69	69	69	70	71	68	68	68	69	69	70
10/11/94	Riser 4	J	TMACS	66	67	68	68	69	69	70	71	68	68	68	68	69	70
10/12/94	Riser 4	J	TMACS	66	67	69	68	69	69	70	72	68	67	68	68	69	70
10/13/94	Riser 4	J	TMACS	66	67	69	69	69	70	71	71	68	68	68	69	69	70
10/14/94	Riser 4	J	TMACS	66	67	69	69	69	70	70	71	68	68	68	69	69	70
10/15/94	Riser 4	J	TMACS	66	67	68	68	69	69	70	71	68	68	69	69	69	70
10/16/94	Riser 4	J	TMACS	65	67	68	68	68	69	69	70	68	68	68	68	69	69
10/17/94	Riser 4	J	TMACS	66	67	68	68	69	70	70	72	68	68	68	69	69	70
10/18/94	Riser 4	J	TMACS	66	67	68	68	69	69	70	70	68	68	68	68	69	70

TEMPERATURE . .OFILE FOR
TY102
01/01/1993 - 10/18/1994

Surface Level: 31.900000 inches as of: 10/07/94

35.40" 59.40" 83.40" 371.40

TEMPERATURES - °FAHRENHEIT

TC Height (ft)* 0.95** 2.95 4.95 6.95 8.95 10.95 12.95 14.95 16.95 18.95 20.95 22.93 26.95 30.95

DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10	11	12	13	14
01/06/94	Historical		MANUAL	60	59	59	59	59	59	59	59	59	59	59	59	59	58
07/01/94	Riser 4	J	MANUAL	59	60	60	60	60	60	60	60	60	60	61	61	61	61
07/03/94	Riser 4	J	MANUAL	59	60	60	60	60	60	60	60	60	60	61	61	61	61

* Elevation relative to tank center bottom.

** TC in waste

TEMPERATURE PROFILE FOR
TY103
08/01/1994 - 10/18/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 64.600000 inches as of: 10/12/94

TC Height (inches from bottom)				7	31	55	79	103	127	151	175	199	223	247	271	319	367
DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10	11	12	13	14
08/01/94	Riser 4	J	TMACS		69	68		68	69	69	70	66	66	67	67	68	68
08/02/94	Riser 4	J	TMACS		69	68		68	69	70	70	67	66	67	67	68	69
08/03/94	Riser 4	J	TMACS		69	68		68	69	70	70	67	67	67	67	68	69
08/04/94	Riser 4	J	TMACS		69	69		68	69	69	71	67	67	68	67	68	69
08/05/94	Riser 4	J	TMACS		69	68		69	69	70	71	67	67	68	68	68	69
08/06/94	Riser 4	J	TMACS		69	69		69	69	70	71	67	67	67	67	68	69
08/07/94	Riser 4	J	TMACS		69	69		69	69	70	71	67	67	68	68	69	69
08/08/94	Riser 4	J	TMACS		69	68		69	69	70	71	67	67	68	68	68	69
08/09/94	Riser 4	J	TMACS		69	69		69	70	70	71	68	67	68	68	69	70
08/10/94	Riser 4	J	TMACS		69	69		69	69	70	72	68	68	68	68	69	69
08/11/94	Riser 4	J	TMACS		69	69		69	69	70	71	67	67	68	68	69	70
08/12/94	Riser 4	J	TMACS		69	69		69	69	70	71	68	67	68	68	69	70
08/13/94	Riser 4	J	TMACS		69	69		69	70	70	72	68	68	68	68	69	70
08/14/94	Riser 4	J	TMACS		69	69		69	70	71	71	68	67	68	68	69	70
08/15/94	Riser 4	J	MANUAL		69	69		70	70	71	72	69	69	69	69	69	70
	Riser 4	J	TMACS		69	69		70	70	70	72	68	68	68	68	69	69
08/16/94	Riser 4	J	TMACS		69	69		69	70	71	72	68	68	68	69	69	70
08/17/94	Riser 4	J	TMACS		69	69		69	70	71	71	68	68	69	68	69	70
08/18/94	Riser 4	J	TMACS		69	69		70	70	71	72	68	68	69	68	69	70
08/19/94	Riser 4	J	TMACS		69	69		70	70	71	72	68	68	68	69	70	70
08/20/94	Riser 4	J	TMACS		69	69		70	70	71	72	68	68	69	69	69	70
08/21/94	Riser 4	J	TMACS		69	69		69	70	71	72	68	68	69	69	70	70
08/22/94	Riser 4	J	TMACS		69	69		70	71	71	72	68	68	69	69	70	70
08/23/94	Riser 4	J	TMACS		69	69		70	70	71	72	68	69	69	69	70	71
08/24/94	Riser 4	J	TMACS		70	70		70	71	71	72	68	69	69	69	70	71
08/25/94	Riser 4	J	TMACS		70	69		70	71	71	72	68	68	69	69	70	71
08/26/94	Riser 4	J	TMACS		69	68		69	70	70	72	68	68	68	68	70	70
08/27/94	Riser 4	J	TMACS		69	69		70	71	72	73	69	68	69	69	69	71

TEMPERATURE PROFILE FOR TY103
08/01/1994 - 10/18/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 64.600000 inches as of: 10/12/94

	TC Height (inches from bottom)		7	31	55	79	103	127	151	175	199	223	247	271	319	367
DATE	RISER	SOURCE	1	2	3	4	5	6	7	8	9	10	11	12	13	14
08/28/94	Riser 4 J	TMACS		69	69		70	71	71	72	69	69	69	69	70	71
08/29/94	Riser 4 J	TMACS		69	70		70	71	71	72	68	69	69	69	71	71
08/30/94	Riser 4 J	TMACS		69	69		71	71	72	73	69	69	69	69	70	71
08/31/94	Riser 4 J	TMACS		69	69		70	71	71	72	69	69	70	70	70	71
09/01/94	Riser 4 J	TMACS		69	69		70	71	71	73	69	69	69	70	70	71
09/02/94	Riser 4 J	TMACS		70	70		71	71	72	73	69	69	69	69	70	71
09/03/94	Riser 4 J	TMACS		70	70		70	71	72	72	69	69	69	69	70	71
09/04/94	Riser 4 J	TMACS		70	70		71	71	72	73	69	69	69	70	70	71
09/05/94	Riser 4 J	TMACS		69	69		70	71	71	72	68	68	68	69	70	70
09/06/94	Riser 4 J	TMACS		69	69		70	71	71	72	68	68	69	69	70	71
09/07/94	Riser 4 J	TMACS		68	69		70	70	71	72	68	69	69	69	70	70
09/08/94	Riser 4 J	TMACS		69	70		71	71	72	73	69	69	69	69	70	71
09/09/94	Riser 4 J	TMACS		69	70		71	71	72	73	69	69	69	69	71	71
09/10/94	Riser 4 J	TMACS		69	70		71	71	71	73	69	69	70	70	71	71
09/11/94	Riser 4 J	TMACS		69	70		71	71	72	73	69	69	70	70	70	71
09/12/94	Riser 4 J	TMACS		69	69		70	71	71	72	68	68	69	69	70	71
09/13/94	Riser 4 J	TMACS		69	70		70	71	72	73	69	69	69	69	70	71
09/14/94	Riser 4 J	TMACS		69	70		70	71	72	73	69	69	69	70	71	72
09/15/94	Riser 4 J	TMACS		70	70		71	71	72	73	69	69	69	70	70	71
09/16/94	Riser 4 J	TMACS		70	69		71	71	71	73	69	69	69	70	70	71
09/17/94	Riser 4 J	TMACS		70	70		71	71	72	73	69	69	69	69	70	71
09/20/94	Riser 4 J	TMACS		70	70		71	71	72	73	69	69	69	69	70	71
09/21/94	Riser 4 J	TMACS		69	70		71	71	72	73	69	69	70	70	71	71
09/22/94	Riser 4 J	TMACS		69	70		70	71	71	72	69	69	69	70	70	71
09/23/94	Riser 4 J	TMACS		70	70		71	71	72	73	69	69	69	69	71	71
09/24/94	Riser 4 J	TMACS		70	70		71	71	72	73	69	69	69	70	70	71
09/25/94	Riser 4 J	TMACS		70	70		71	71	72	73	69	69	70	69	71	71
09/26/94	Riser 4 J	TMACS		70	70		71	71	71	73	69	69	70	70	70	71

TEMPERATURE PROFILE FOR
TY103
08/01/1994 - 10/18/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 64.600000 inches as of: 10/12/94

TC Height (inches from bottom)				7	31	55	79	103	127	151	175	199	223	247	271	319	367
DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10	11	12	13	14
09/27/94	Riser 4	J	TMACS		70	70		71	71	72	73	69	69	70	70	71	71
09/28/94	Riser 4	J	TMACS		70	70		71	72	72	73	69	69	70	69	71	71
09/29/94	Riser 4	J	TMACS		70	71		71	71	72	73	69	69	70	70	70	71
09/30/94	Riser 4	J	TMACS		70	70		71	71	72	73	69	69	69	70	70	71
10/01/94	Riser 4	J	TMACS		70	71		71	72	72	73	69	70	70	70	71	71
10/02/94	Riser 4	J	TMACS		70	70		71	71	72	73	70	69	70	70	71	72
10/03/94	Riser 4	J	TMACS		70	70		71	72	72	73	69	70	70	70	71	72
10/04/94	Riser 4	J	TMACS		70	71		71	71	72	73	69	69	70	70	71	71
10/05/94	Riser 4	J	TMACS		70	70		71	72	72	73	69	69	70	70	70	71
10/06/94	Riser 4	J	TMACS		70	70		71	71	72	73	69	69	69	70	71	71
10/07/94	Riser 4	J	TMACS		71	71		71	72	72	73	69	69	69	69	70	71
10/08/94	Riser 4	J	TMACS		70	70		71	71	72	73	69	69	70	70	70	71
10/09/94	Riser 4	J	TMACS		70	70		71	71	72	73	69	69	69	69	70	71
10/10/94	Riser 4	J	TMACS		71	71		71	72	72	73	69	69	70	70	71	71
10/11/94	Riser 4	J	TMACS		70	71		71	71	72	73	70	70	70	70	71	71
10/12/94	Riser 4	J	TMACS		70	70		71	71	72	73	69	69	70	69	71	71
10/13/94	Riser 4	J	TMACS		71	71		71	72	72	73	69	69	70	70	71	71
10/14/94	Riser 4	J	TMACS		70	71		71	72	72	73	69	69	70	70	70	71
10/15/94	Riser 4	J	TMACS		70	70		71	71	72	73	69	69	70	69	71	71
10/16/94	Riser 4	J	TMACS		70	71		71	71	72	73	69	69	69	70	71	71
10/17/94	Riser 4	J	TMACS		71	71		71	71	72	73	69	69	70	70	70	71
10/18/94	Riser 4	J	TMACS		70	71		71	71	72	73	69	69	70	69	70	71

TEMPERATUR .OFILE FOR TY104
08/01/1994 - 10/18/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 24.400000 inches as of: 09/27/94

TC Height (inches from bottom)				7	31	55	79	103	127	151	175	199	223	247	271	319	367
DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10	11	12	13	14
08/01/94	Riser 4	J	TMACS	64	65	65	65	66	66	67	68	64	65	65	65	66	66
08/02/94	Riser 4	J	TMACS	65	65	65	65	65	66	67	68	65	65	64	65	66	67
08/03/94	Riser 4	J	TMACS	64	65	65	65	66	66	67	68	65	65	65	65	66	66
08/04/94	Riser 4	J	TMACS	65	65	66	66	66	66	67	68	65	65	65	65	66	67
08/05/94	Riser 4	J	TMACS	65	65	66	65	66	66	67	69	65	65	65	66	66	67
08/06/94	Riser 4	J	TMACS	65	66	66	66	66	67	68	69	65	65	65	66	67	67
08/07/94	Riser 4	J	TMACS	66	66	66	66	66	67	68	69	65	65	65	66	66	67
08/08/94	Riser 4	J	TMACS	65	65	66	66	66	67	68	69	66	66	66	66	67	68
08/09/94	Riser 4	J	TMACS	66	66	66	66	67	67	68	69	65	65	66	66	66	67
08/10/94	Riser 4	J	TMACS	66	66	66	66	67	67	68	69	66	66	66	66	67	68
08/11/94	Riser 4	J	TMACS	66	66	66	66	67	67	68	69	65	66	66	66	67	68
08/12/94	Riser 4	J	TMACS	66	66	66	66	67	67	68	69	65	66	66	66	67	68
08/13/94	Riser 4	J	TMACS	65	66	66	66	66	68	68	69	66	66	66	66	67	68
08/14/94	Riser 4	J	TMACS	66	66	66	66	67	67	68	69	66	66	66	66	67	67
08/15/94	Riser 4	J	MANUAL	65	65	66	66	66	67	67	68	65	66	66	66	66	67
	Riser 4	J	TMACS	66	66	66	67	67	67	68	69	66	66	66	66	67	68
08/16/94	Riser 4	J	TMACS	66	66	66	67	67	68	68	69	66	66	66	66	67	68
08/17/94	Riser 4	J	TMACS	66	67	66	66	67	67	68	69	66	66	66	66	67	68
08/18/94	Riser 4	J	TMACS	66	66	66	67	67	68	69	69	66	66	66	67	67	68
08/19/94	Riser 4	J	TMACS	66	66	66	67	67	68	68	70	66	66	66	67	68	68
08/20/94	Riser 4	J	TMACS	66	67	66	67	67	68	68	69	66	66	66	66	67	68
08/21/94	Riser 4	J	TMACS	66	66	67	67	67	68	68	69	66	67	67	67	68	68
08/22/94	Riser 4	J	TMACS	66	67	67	67	68	68	69	69	66	66	66	67	67	68
08/23/94	Riser 4	J	TMACS	66	66	67	67	67	68	68	69	66	66	66	67	68	68
08/24/94	Riser 4	J	TMACS	66	67	67	67	67	68	69	70	67	67	67	67	68	69
08/25/94	Riser 4	J	TMACS	66	67	67	67	68	68	69	70	66	67	67	67	68	68
08/26/94	Riser 4	J	TMACS	67	67	67	67	68	68	69	70	66	67	67	67	68	69
08/27/94	Riser 4	J	TMACS	66	66	67	67	68	68	69	70	66	67	67	67	68	69

TEMPERATURE PROFILE FOR
TY104
08/01/1994 - 10/18/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 24.400000 inches as of: 09/27/94

TC Height (inches from bottom)				7	31	55	79	103	127	151	175	199	223	247	271	319	367
DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10	11	12	13	14
08/28/94	Riser 4	J	TMACS	66	67	67	67	67	68	68	70	66	67	67	67	68	69
08/29/94	Riser 4	J	TMACS	66	67	67	68	67	68	69	70	67	67	67	67	68	69
08/30/94	Riser 4	J	TMACS	66	67	67	67	68	68	69	70	67	67	67	67	68	69
08/31/94	Riser 4	J	TMACS	67	67	67	67	67	68	69	70	67	67	67	67	68	69
09/01/94	Riser 4	J	TMACS	67	67	67	67	68	68	69	70	67	67	67	67	68	69
09/02/94	Riser 4	J	TMACS	67	67	68	68	68	68	69	71	67	67	67	67	68	69
09/03/94	Riser 4	J	TMACS	67	67	68	68	68	68	69	70	67	67	67	67	68	69
09/04/94	Riser 4	J	TMACS	67	67	67	68	68	69	69	71	67	67	67	68	68	69
09/05/94	Riser 4	J	TMACS	67	67	68	68	68	69	69	71	67	67	67	67	68	69
09/06/94	Riser 4	J	TMACS	67	67	68	68	68	69	70	71	67	67	67	68	68	69
09/07/94	Riser 4	J	TMACS	67	67	67	68	68	68	69	70	67	67	67	67	68	69
09/08/94	Riser 4	J	TMACS	67	67	67	68	68	69	69	71	67	67	67	67	68	69
09/09/94	Riser 4	J	TMACS	67	68	68	68	68	69	69	71	67	67	67	68	68	69
09/10/94	Riser 4	J	TMACS	67	67	68	68	69	69	70	71	67	67	68	68	69	69
09/11/94	Riser 4	J	TMACS	67	67	68	68	69	69	69	71	67	67	68	68	69	70
09/12/94	Riser 4	J	TMACS	67	68	68	68	68	68	69	70	67	67	68	67	68	69
09/13/94	Riser 4	J	TMACS	67	68	68	68	68	69	70	71	67	68	68	68	69	69
09/14/94	Riser 4	J	TMACS	67	68	68	68	68	68	70	71	67	68	68	68	68	69
09/15/94	Riser 4	J	TMACS	68	68	68	68	68	69	70	71	67	67	67	68	68	69
09/16/94	Riser 4	J	TMACS	67	68	68	68	68	69	70	71	67	68	68	68	69	69
09/17/94	Riser 4	J	TMACS	67	68	68	68	68	69	69	70	67	67	67	67	68	69
09/20/94	Riser 4	J	TMACS	67	68	68	68	69	69	69	71	67	67	67	67	68	69
09/21/94	Riser 4	J	TMACS	68	68	68	68	69	69	70	71	67	68	68	68	69	70
09/22/94	Riser 4	J	TMACS	68	68	68	68	68	69	70	71	68	67	67	68	68	69
09/23/94	Riser 4	J	TMACS	68	68	68	68	69	69	70	71	67	68	67	68	69	69
09/24/94	Riser 4	J	TMACS	67	68	67	68	68	68	69	71	67	67	68	68	68	69
09/25/94	Riser 4	J	TMACS	67	68	68	68	68	69	70	71	68	68	68	68	69	70
09/26/94	Riser 4	J	TMACS	68	68	68	68	68	69	69	71	67	68	68	68	68	69

TEMPERATURE PROFILE FOR TY104
08/01/1994 - 10/18/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 24.400000 inches as of: 09/27/94

	TC Height (inches from bottom)			7	31	55	79	103	127	151	175	199	223	247	271	319	367
DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10	11	12	13	14
09/27/94	Riser 4	J	TMACS	68	68	68	68	68	69	70	71	68	68	68	68	69	70
09/28/94	Riser 4	J	TMACS	68	68	68	68	69	69	70	71	67	68	68	68	69	69
09/29/94	Riser 4	J	TMACS	68	68	68	68	68	69	69	71	68	68	67	68	68	69
09/30/94	Riser 4	J	TMACS	68	68	68	68	69	69	70	71	68	68	68	68	69	70
10/01/94	Riser 4	J	TMACS	68	68	68	69	69	69	70	71	68	68	68	68	69	69
10/02/94	Riser 4	J	TMACS	68	68	68	69	69	69	70	71	68	68	68	68	69	69
10/03/94	Riser 4	J	TMACS	68	68	68	69	69	69	70	71	68	68	68	68	69	70
10/04/94	Riser 4	J	TMACS	68	68	68	68	69	69	70	71	67	68	68	68	69	70
10/05/94	Riser 4	J	TMACS	68	68	68	68	69	69	70	71	67	68	68	68	69	69
10/06/94	Riser 4	J	TMACS	68	68	68	68	69	69	70	71	68	68	68	68	69	69
10/07/94	Riser 4	J	TMACS	68	68	69	69	69	69	71	72	68	68	68	68	69	70
10/08/94	Riser 4	J	TMACS	68	68	69	68	69	69	70	72	68	68	68	68	69	70
10/09/94	Riser 4	J	TMACS	68	68	68	69	69	69	70	71	68	68	68	68	69	69
10/10/94	Riser 4	J	TMACS	68	68	68	69	69	69	70	72	68	68	68	68	69	70
10/11/94	Riser 4	J	TMACS	68	68	69	69	69	69	70	72	68	68	68	69	69	69
10/12/94	Riser 4	J	TMACS	68	68	68	69	69	70	70	71	68	68	68	68	69	70
10/13/94	Riser 4	J	TMACS	68	68	69	69	69	69	70	72	68	67	68	68	69	70
10/14/94	Riser 4	J	TMACS	68	68	68	68	69	69	70	71	68	67	68	68	69	69
10/15/94	Riser 4	J	TMACS	68	68	68	69	69	70	70	71	68	68	68	68	69	70
10/16/94	Riser 4	J	TMACS	68	68	69	69	69	69	70	72	68	67	68	68	69	70
10/17/94	Riser 4	J	TMACS	68	68	69	68	69	70	70	71	68	68	68	68	69	70
10/18/94	Riser 4	J	TMACS	68	68	68	69	69	70	71	71	68	68	68	68	69	69

TEMPERATURE PROFILE FOR
TY105
01/01/1993 - 10/18/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 85.000000 inches as of: 10/01/94

11.40" 35.40" 58.40" 83.4" 107.40"
7" 31" 55" 79" 103"

37"N
367"

DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10	11	12	13	14
02/13/93	Historical		MANUAL	74	74	70	63	61	61	61	61		61	61	62	62	62
07/02/93	Historical		MANUAL	76	75	71	67	65	65	65	65		65	65	65	65	65
10/25/93	Historical		MANUAL	78	78	76	72	70	70	70	71	71	71	71	72	72	72
01/01/94	Historical		MANUAL	79	78	74	68	66	66	66	66		66	67	67	67	67
07/01/94	Riser 3	J	MANUAL	77	77	73	68	67	66	66	66	66	66	67	67	67	67
07/03/94	Riser 3	J	MANUAL	79	79	76	71	69	69	69	69	69	69	69	69	70	70

Estimated height (T/C) ??

TEMPERATURE PROFILE FOR
TY105
01/01/1993 - 10/18/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 13.500000 inches as of: 10/01/94

DATE	RISER		SOURCE	1 (11.40" / 7")	2 (35.40 / 31)	3 (59.40 / 55)	4 (83 / 79)	5 (107.40" / 103.0)	6	7	8	9	10	11	12	13	14 (371" / 367")
02/13/93	Historical		MANUAL	59	58	58	58	58	58	58	58	58	58		57	57	57
07/02/93	Historical		MANUAL	59	59	59	59	59	59	59	59	59	59	60	60	60	60
01/01/94	Historical		MANUAL	59	58	58	58	58	58	58	59	59	59	59	59	59	59
07/01/94	Riser 2	J	MANUAL	61	61	61	61	61	61	61	61	61	61	61	62	62	62

Estimated T/C height

RISER ELEVATION IN FT. 670.93
TANK BOTTOM ELEVATION FT. 625.53
(Elevation relative to tank center bottom)

TEMPERATURE PROFILE FOR U101
01/01/1993 - 10/18/1994

16 Tanks
U-104 missing

TEMPERATURES - °FAHRENHEIT

Surface Level: 3.750000 inches as of: 10/06/94

21" 45" 261"

DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10	11
02/13/93	Historical		MANUAL	61	61	61	61	60	60	60	60	60	60	58
01/06/94	Historical		MANUAL	62	63	63	63	64	67	64	64	64	64	60
07/01/94	Riser 2	J	MANUAL	63	63	64	63	64	64	64	64	64	64	64

Riser elevation in feet 666.96 ft
" Bottom elevation 628.50 ft

U-farm schedule for hook up 2/95.

TEMPERATURE PROFILE FOR
U102
01/01/1993 - 10/18/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 131.500000 inches as of: 10/05/94

DATE	RISER		SOURCE	1 (21")	2	3	4	5 (117.24")	6 (141.24")	7 (165")	8	9	10 (241")	11 (309.)
12/27/93	Historical		MANUAL	83	84	84	83	80	75	73	73	73	73	71
01/01/94	Historical		MANUAL	82	84	84	83	80	74	73	73	72	72	70
01/17/94	Historical		MANUAL	83	84	84	83	79	74	72	72	72	72	68
06/27/94	Riser 1	J	MANUAL	84	84	85	84	80	77	76	76	76	76	74
07/01/94	Riser 1	J	MANUAL	84	84	84	82	79	77	75	75	75	75	74

TEMPERATURE PROFILE FOR U102
01/01/1993 - 10/18/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 131.500000 inches as of: 10/05/94

T/C height in (inches) from bdln: 21" 3.77 5.77 7.77 9.77 11.77 13.77 15.77 17.77 21.77 25.77

117.24 141.24 (165) 261"

DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10	11
01/04/93	Historical		MANUAL	84	86	86	85	81	76	74	74	74	74	71
01/08/93	Historical		MANUAL	84	86	86	85	81	75	73	73	73	73	70
01/09/93	Historical		MANUAL	87	88	88	88	84	78	76	76	76	76	73
03/18/93	Historical		MANUAL	85	86	85	83	79	72	69	69	69	69	64
03/18/93	Riser 1	J	HDAT	86	87									
03/18/93	Riser 1	J	HDAT			860*		7*						
03/18/93	Riser 1	J	HDAT	85	86	86								
03/18/93	Riser 1	J	HDAT				84	79	73*					
03/18/93	Riser 1	J	HDAT	85	87									
03/18/93	Riser 1	J	HDAT			86	83	79	73*	70	70			
03/18/93	Riser 1	J	HDAT									70	69	66
03/18/93	Riser 1	J	HDAT	85	86	86	84	0	73*					
03/18/93	Riser 1	J	HDAT							70	70	70	70	65
03/18/93	Riser 1	J	HDAT	85	86	85	83	79	72	69	69	69		
03/18/93	Riser 1	J	HDAT										69	64
04/18/93	Historical		MANUAL	84	85	84	82	77	71	69	69	69	69	65
04/18/93	Riser 1	J	HDAT	84	85	84								
04/18/93	Riser 1	J	HDAT				82	77	71	69	69	69	69	65
06/18/93	Historical		MANUAL	82	82	81	79	76	72	71	70	70	70	68
06/18/93	Riser 1	J	HDAT	82	82	81	79							
06/18/93	Riser 1	J	HDAT					76	72	71	70	70	70	68
06/26/93	Historical		MANUAL	82	82	82	80	77	73	72	72	72	72	70
06/26/93	Riser 1	J	HDAT	82										
06/26/93	Riser 1	J	HDAT		82									
06/26/93	Riser 1	J	HDAT			82	80	77	73					
06/26/93	Riser 1	J	HDAT							72	72	72	72	
06/26/93	Riser 1	J	HDAT											70
07/02/93	Historical		MANUAL	80	80	80	78	75	72	71	71	71	71	69

87°

TEMPERATURE PROFILE FOR U103
08/01/1994 - 10/18/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 166.830000 inches as of: 10/07/94

TC Height (inches from bottom)				4	28	52	76	100	124	148	172	196	220	244
DATE	RISER	SOURCE		1	2	3	4	5	6	7	8	9	10	11
08/01/94	Riser 1	J	MANUAL	84	84	84	84	82	81	79	78	78	78	77
08/08/94	Riser 1	J	MANUAL	85	86	86	85	84	82	81	80	80	80	79
08/15/94	Riser 1	J	MANUAL	85	86	86	85	84	83	82	81	81	81	80
08/22/94	Riser 1	J	MANUAL	86	86	86	86	85	83	82	82	82	82	82
08/29/94	Riser 1	J	MANUAL	73*	74*	74*	74*	73*	71*	70*	70*	70*	70*	70*
09/05/94	Riser 1	J	MANUAL	87	87	87	87	86	85	84	84	84	84	83
09/12/94	Riser 1	J	MANUAL	85	86	86	86	85	84	84	83	83	83	83
09/19/94	Riser 1	J	MANUAL	86	86	86	87	85	84	84	84	83	83	83
09/26/94	Riser 1	J	MANUAL	85	86	86		85	84	84	83	83	83	83
10/03/94	Riser 1	J	MANUAL	84	84	84	84	84	82	82	81	81	81	81
10/10/94	Riser 1	J	MANUAL	86	86	86	86	86	85	84	83	83	83	83

TEMPERATURE PROFILE FOR
U105
08/01/1994 - 10/18/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 150.000000 inches as of: 10/07/94

	TC Height (inches from bottom)			4	28	52	76	100	124	148	172	196	220	244
DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10	11
08/01/94	Riser 1	J	MANUAL	85	86	86	86	84	81	79	78	78	78	77
08/08/94	Riser 1	J	MANUAL	86	87	88	87	85	83	80	80	80	80	78
08/15/94	Riser 1	J	MANUAL	86	88	88	88	86	83	82	81	81	81	80
08/22/94	Riser 1	J	MANUAL	87	88	89	88	87	84	83	82	82	82	81
08/29/94	Riser 1	J	MANUAL	75	77	78	78	75	73	71	71	70	70	70
09/05/94	Riser 1	J	MANUAL	88	89	89	89	88	86	84	83	83	83	82
09/12/94	Riser 1	J	MANUAL	87	88	89	88	87	85	84	83	83	83	82
09/19/94	Riser 1	J	MANUAL	87	87	88	88	88	87	84	83	83	83	83
09/26/94	Riser 1	J	MANUAL	86	88	89	88	87	86	84	83	83	83	82
10/03/94	Riser 1	J	MANUAL	86	87	88	88	88	87	84	83	83	83	82
10/10/94	Riser 1	J	MANUAL	87	88	89	89	88	87	84	84	84	84	83

TEMPERATURE PROFILE FOR U106
08/01/1994 - 10/18/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 77.950000 inches as of: 10/07/94

	TC Height (inches from bottom)			4	28	52	76	100	124	148	172	196	220	244
DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10	11
08/01/94	Riser 1	J	MANUAL	78	78	77	75	75	75	75	75	75	75	75
08/08/94	Riser 1	J	MANUAL	79	79	78	77	77	77	76	77	77	77	76
08/15/94	Riser 1	J	MANUAL	79	80	79	78	78	77	77	77	77	77	77
08/22/94	Riser 1	J	MANUAL	81	81	80	79	79	79	79	78	78	78	78
08/29/94	Riser 1	J	MANUAL	68	69	68	67	67	66	66	66	66	67	67
09/05/94	Riser 1	J	MANUAL	81	82	81	80	80	80	80	80	80	80	80
09/12/94	Riser 1	J	MANUAL	81	81	81	80	80	80	79	79	79	79	80
09/19/94	Riser 1	J	MANUAL	81	81	81	81	80	80	80	80	80	80	80
09/26/94	Riser 1	J	MANUAL	81	82	81	80	80	80	81	79	79	79	79
10/03/94	Riser 1	J	MANUAL	79	79	79	78	78	78	76	78	78	78	78
10/10/94	Riser 1	J	MANUAL	81	81	82	81	80	80	80	79	80	80	80

TEMPERATURE PROFILE FOR
U107
08/01/1994 - 10/18/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 143.880000 inches as of: 10/07/94

TC Height (inches from bottom)				4	28	52	76	100	124	148	172	196	220	244
DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10	11
08/01/94	Riser 1	J	MANUAL	74	75	75	75	74	73	73	73	73	73	73
08/08/94	Riser 1	J	MANUAL	76	76	76	76	75	75	75	75	75	75	75
08/15/94	Riser 1	J	MANUAL	76	76	76	76	76	75	76	76	76	76	76
08/22/94	Riser 1	J	MANUAL	76	77	77	77	77	76	77	77	77	77	77
08/29/94	Riser 1	J	MANUAL	64	64	65	65	65	65	65	65	65	65	66
09/05/94	Riser 1	J	MANUAL	77	78	78	78	78	78	78	78	78	78	79
09/12/94	Riser 1	J	MANUAL	76	77	77	77	77	77	77	78	78	78	78
09/19/94	Riser 1	J	MANUAL	77	77	77	78	82	78	78	78	78	78	78
09/26/94	Riser 1	J	MANUAL	76	77	78	78	78	78	78	78			78
10/03/94	Riser 1	J	MANUAL	75	76	76	76	76	76	77	76	76	76	76
10/10/94	Riser 1	J	MANUAL	77	77	78	78	78	78	78	78	78	78	78

TEMPERATUR[illegible]OFILE FOR
U106
08/01/1994 - 10/18/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 166.600000 inches as of: 10/05/94

TC Height (inches from bottom)				4	28	52	76	100	124	148	172	196	220	244
DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10	11
08/01/94	Riser 1	J	MANUAL	74		85	83	81	80	77	77	76	98	76
08/08/94	Riser 1	J	MANUAL	85	86	86	85		81	79	78	79	83	78
08/15/94	Riser 1	J	MANUAL	85	86	85	85	83	81	81	78	78	82	79
08/22/94	Riser 1	J	MANUAL	86	87	87	86	84	82	82	81	81	84	80
08/29/94	Riser 1	J	MANUAL	76	78	77	77	74	72	71	71	71	95	70
09/05/94	Riser 1	J	MANUAL	86	87	87	86	85	83	82	82	82	99*	82
09/12/94	Riser 1	J	MANUAL					84	83	82		82	82	81
09/19/94	Riser 1	J	MANUAL	86	86	87	86	85	84	83	82	82		82
09/26/94	Riser 1	J	MANUAL	86			86	85	84	83			97*	
10/03/94	Riser 1	J	MANUAL	86	86	86	86	84	84		82	81		
10/10/94	Riser 1	J	MANUAL	86	87		86	86	84	83	82		60*	81

TEMPERATURE PROFILE FOR
U109
08/01/1994 - 10/18/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 165.050000 inches as of: 10/07/94

TC Height (inches from bottom)				4	28	52	76	100	124	148	172	196	220	244
DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10	11
08/01/94	Riser 1	J	MANUAL	82	82	82	81	79	78	76	75	75	75	75
08/08/94	Riser 1	J	MANUAL	83	84	84	83	81	79	78	77	77	77	77
08/15/94	Riser 1	J	MANUAL	83	83	84	83	82	80	79	78	78	78	78
08/22/94	Riser 1	J	MANUAL	84	84	84	84	82	81	80	80	79	79	79
08/29/94	Riser 1	J	MANUAL	74	75	75	75	73	72	70	70	70	70	70
09/05/94	Riser 1	J	MANUAL	84	85	85	84	83	82	81	80	80	80	81
09/12/94	Riser 1	J	MANUAL	83	84	84	84	83	82	81	80	80	80	80
09/19/94	Riser 1	J	MANUAL	84	84	85	84	84	83	82	81	81	81	81
09/26/94	Riser 1	J	MANUAL	83	84	85	84	83	82	81	81	80	80	81
10/03/94	Riser 1	J	MANUAL	83	83	84	83	83	82		80	80	80	80
10/10/94	Riser 1	J	MANUAL	83	84		84	84	83	82	81	81	81	80

TEMPERATURE PROFILE FOR
U110
01/01/1993 - 10/18/1994

Surface Level: 60.300000 inches as of: 10/01/94

TEMPERATURES - °FAHRENHEIT

45.12" 69.12" 309.12"
1.76' 3.76' 5.76' 7.76' 9.76' 11.76' 13.76' 15.76' 17.76' 21.76' 25.76'

DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10	11
01/04/93	Historical		MANUAL	77	78	75	73	72	72	72	72	72	72	70
01/08/93	Historical		MANUAL	77	76	74	72	72	72	72	72	72	72	69
01/09/93	Historical		MANUAL	81	81	78	76	76	76	76	75	75	75	73
02/13/93	Historical		MANUAL	117*	117	113	110	105	72					
03/18/93	Historical		MANUAL	76	75	72	69	68	68	68	68	68	68	64
03/18/93	Riser 1	J	HDAT	77	76	73	70	70						
03/18/93	Riser 1	J	HDAT						69	70	70	69	69	66
03/18/93	Riser 1	J	HDAT	76	75	72	69	68	68	68	68	68	68	64
04/18/93	Historical		MANUAL	75	74	71	69	69	68	68	68	68	68	65
04/18/93	Riser 1	J	HDAT	75	74	71	69							
04/18/93	Riser 1	J	HDAT					69	68	68	68	68	68	65
07/02/93	Historical		MANUAL	71	71	70	68	68	68	68	68	68	68	66
09/04/93	Historical		MANUAL	75	76	75	74	74	74	74	74	74	74	73
12/27/93	Historical		MANUAL	76	77	74	72	72	72	72	72	72	72	70
01/01/94	Historical		MANUAL	76	76	74	72	71	71	71	71	71	71	69
01/17/94	Historical		MANUAL	75	76	73	71	70	70	70	70	70	70	(67)
06/27/94	Riser 1	J	MANUAL	76	76	75	74	73	73	73	73	73	73	72
07/01/94	Riser 1	J	MANUAL	75	75	74	73	73	73	73	73	73	72	71

Estimated Height (T/C)

TEMPERATURE PROFILE FOR U111
08/01/1994 - 10/18/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 116.400000 inches as of: 10/05/94

TC Height (inches from bottom)				4	28	52	76	100	124	148	172	196	220	244
DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10	11
08/01/94	Riser 5	J	MANUAL	76	77	77	77	76	75	75	75	75	75	75
08/08/94	Riser 5	J	MANUAL	78	78	78	78	77	77	77	77	77	77	77
08/15/94	Riser 5	J	MANUAL	78	78	79	79	78	78	77	77	78	77	78
08/22/94	Riser 5	J	MANUAL	79	79	80	80	79	79	79	79	79	79	79
08/29/94	Riser 5	J	MANUAL	69	69	70	70	69	69	69	69	69	69	69
09/05/94	Riser 5	J	MANUAL	79	80	80	80	80	80	80	80	80	80	80
09/12/94	Riser 5	J	MANUAL	79	79	80	80	80	80	80	80	80	80	80
09/19/94	Riser 5	J	MANUAL	79	79	80	80	80	80	80	80	80	80	80
09/26/94	Riser 5	J	MANUAL	79	79	80	80	80	80	80	80	80	80	80
10/03/94	Riser 5	J	MANUAL	79	79	79	80	80	79	79	79	79	79	79
10/10/94	Riser 5	J	MANUAL	79	79	80	81	80	80	80	80	80	80	80

TEMPERATURE . . .OFILE FOR
U112
01/01/1993 - 10/18/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 12.250000 inches as of: 10/01/94

21 45 24

DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10	11
02/13/93	Historical		MANUAL	62	61	60	60	60	60	60	60	60	60	57
07/02/93	Historical		MANUAL	60	60	60	60	60	60	60	60	60	61	61
01/06/94	Historical		MANUAL	62	62	62	62	62	62	62	63	63	63	61
03/21/94	Historical		MANUAL	82	83	84	84	83	81	78	72	64	62	62
07/01/94	Riser 5	J	MANUAL	63	64	64	64	65	65	65	65	65	65	65

TEMPERATURE PROFILE FOR
U201
01/01/1993 - 10/18/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 28.500000 inches as of: 10/07/94

T/C height from bottom 16" 40" 64" 88" 112" 136" 160. 184"

DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10	11
01/24/94	Historical		MANUAL	61	61	60	60	60	60	60	60			
07/01/94	Riser 4	J	MANUAL	63	62	62	62	62	62	62	63	63	62	64

TEMPERATURE PROFILE FOR
U202
01/01/1993 - 10/18/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 26.500000 inches as of: 10/07/94

T/C height from tank bottom 16" 40" 184"

DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10	11
02/13/93	Historical		MANUAL	59	58	58	58	58	58	58	58	58	58	57
07/02/93	Historical		MANUAL	59	58	58	58	58	58	57	58	58	58	59
01/06/94	Historical		MANUAL	61	60	60	60	60	61	61	61	61	61	61
07/01/94	Riser 4	J	MANUAL	62	62	62	62	62	62	62	62	62	62	62

TEMPERATURE PROFILE FOR
U203
08/01/1994 - 10/18/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 19.250000 inches as of: 10/01/94

TC Height (inches from bottom)				4	28	52	76	100	124	148	172	196	220	244
DATE	RISER	SOURCE		1	2	3	4	5	6	7	8	9	10	11
08/02/94	Riser 4	J	MANUAL	58	57	50	59	59	56	59	59	59	59	60
08/08/94	Riser 4	J	MANUAL	59	59	53	62	62	60	63	63	64	65	66
08/15/94	Riser 4	J	MANUAL	62	61	60	63	62	61	63	63	89*	66	65
08/15/94	Riser 4	J	MANUAL	59	59	59	61	61	61	58	62	63	62	61
08/22/94	Riser 4	J	MANUAL	62	62	59	63	62	63	64	65	81*	67	67
08/22/94	Riser 4	J	MANUAL	59	59	59	60	60	60	60	61	61	60	61
08/29/94	Riser 4	J	MANUAL	63	63	63	64	64	64	65	65	66	65	66
09/06/94	Riser 4	J	MANUAL	59	60	55	63	60	61	64	64	74*	66	66
09/12/94	Riser 4	J	MANUAL	62	62	62	63	63	63	63	63	63	64	62
09/19/94	Riser 4	J	MANUAL	64	65	65	65	65	65	65	65	66	66	56
09/19/94	Riser 4	J	MANUAL	64	64	65	65	65	65	64	64	65	65	66
09/26/94	Riser 4	J	MANUAL	66	66	66	67	66	66	65	65	65	66	
10/03/94	Riser 4	J	MANUAL	62	63	63	63	63	63	64	64	64	65	66
10/10/94	Riser 4	J	MANUAL	64	65	66	66	66	66	67	67	67	67	68

TEMPERATUR PROFILE FOR
U204
08/01/1994 - 10/18/1994

TEMPERATURES - °FAHRENHEIT

Surface Level: 17.500000 inches as of: 10/07/94

	TC Height (inches from bottom)			4	28	52	76	100	124	148	172	196	220	244
DATE	RISER		SOURCE	1	2	3	4	5	6	7	8	9	10	11
08/02/94	Riser 4	J	MANUAL	57	57	57	57	57	57	57	57	57	58	59
08/08/94	Riser 4	J	MANUAL	62	62	62	62	62	62	62	62	62	63	64
08/15/94	Riser 4	J	MANUAL	62	62	63	63	63	63	63	63	63	63	64
08/15/94	Riser 4	J	MANUAL	61	62	62	62	61	61	61	61	61	61	60
08/22/94	Riser 4	J	MANUAL	63	64	64	64	64	64	64	64	64	65	66
08/22/94	Riser 4	J	MANUAL	60	60	59	58	60	61	60	60	60	61	61
08/29/94	Riser 4	J	MANUAL	62	63	63	63	63	63	63	62	63	63	64
09/06/94	Riser 4	J	MANUAL	63	64	64	64	64	64	64	64	64	64	65
09/12/94	Riser 4	J	MANUAL	61	62	62	62	62	62	62	62	62	62	50
09/19/94	Riser 4	J	MANUAL	64	64	65	65	65	65	65	66	66	66	67
09/19/94	Riser 4	J	MANUAL	63	64	64	64	64	63	63	63	63	64	64
09/26/94	Riser 4	J	MANUAL	64	65	65	65	65	65	65	64	64	65	55
10/03/94	Riser 4	J	MANUAL	62	63	63	63	63	63	63	63	64	64	55
10/10/94	Riser 4	J	MANUAL	66	66	66	67	66	67	67	68	68	58	

APPENDIX E.2

WASTE LEVELS:
SINGLE-SHELL TANKS

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200 EAST SHIFT LIQUID LEVEL REPORT 10/19/1994 12:40:33

ALL READINGS ARE INCHES FROM

TANK NUMBER	MAN/ AUTO	ENTRY FREQ	CURRENT READING	CHG FROM PRV SHFT		PREV. SHIFT	1 DAY AGO	7 DAYS AGO	14 DAYS AGO	BASELINE VALUE	BASELINE DATE
101-A	MT	QRTRLY	342.25			342.25	342.25	342.25	342.25	344.00	8/ 8/94
102-A	IN		16.50			16.50	16.50	16.50	16.50	14.60	8/ 8/94
103-A	IN		137.40			137.40	137.40	.80	137.40	135.70	6/28/94
104-A	MT	QRTRLY	2.00			2.00	2.00	2.00	2.00	11.50	8/ 8/94
105-A	MT	QRTRLY	13.75			13.75	13.75	13.75	13.75	15.25	8/ 8/94
[illegible]	IN		46.50			46.50	46.50	46.50	46.50	36.00	6/28/94
101-AN			306.60			306.60	306.60	301.40	301.40	301.20	7/22/94
102-AN			394.30	-.10		394.40	394.40	394.40	394.50	394.50	9/15/94
103-AN			347.20			347.20	347.10	347.10	346.40	346.80	9/21/94
104-AN			386.10			[illegible]	386.20	386.10	385.80	38[illegible]	3/ 5/93
105-AN			410.20			410.20	410.10	410.10	410.00	410.00	7/ 9/87
[illegible]			[illegible]			[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	9/19/94
107-AN			385.60			385.60	385.70	385.60	385.70	385.80	8/31/94
101-AP			[illegible]			[illegible]	[illegible]	[illegible]	114.50	.00	9/26/94
102-AP	MT	DAILY	400.50			400.50	400.75	400.75	400.75	400.75	9/21/94
103-AP			9.90			9.90	9.90	9.90	10.00	10.00	5/24/94
104-AP			7.00			7.00	7.00	7.00	7.60	6.50	7/11/94
105-AP			298.10			298.10	298.10	298.10	298.10	297.80	8/31/94
106-AP			409.80	+.10		409.70	409.80	409.70	409.70	409.50	8/31/94
107-AP			10.20			10.20	10.20	10.20	10.30	10.30	10/ 7/94
108-AP			.00			307.70	307.70	307.70	411.10	.00	9/26/94
101-AW			.00			.00	.00	.00	.00	409.60	9/22/94
102-AW			114.40			114.40	114.40	185.60	164.80	.00	9/26/94
103-AW			235.10			235.10	235.10	235.00	235.00	235.00	9/21/94
104-AW			408.20	+.10		408.10	408.20	408.20	408.10	408.30	7/11/94
105-AW			390.90			390.90	390.90	391.00	391.00	391.00	9/21/94
106-AW			359.20			359.20	359.20	338.00	375.50	.00	9/26/94
101-AX	IN		274.00			274.00	274.00	274.00	274.00	274.00	6/28/94
102-AX	MT	QRTRLY	9.25			9.25	9.25	9.25	9.25	9.50	8/ 8/94
103-AX	IN		41.00			41.00	41.00	41.00	41.00	4[illegible]	6/28/94
104-AX	MT	QRTRLY	4.00			4.00	4.00	4.00	4.00	3.50	8/ 8/94
101-AY	MT	DAILY	314.25			314.25	314.25	314.50	314.75	315.25	9/25/94
102-AY			287.00	-.10		287.10	287.00	285.40	280.90	285.60	10/11/94
101-AZ	MT	DAILY	351.25	[illegible]	**	351.75	351.75	352.50	353.25	354.00	9/19/94
102-AZ			345.40			345.40	345.50	346.00	346.60	347.90	9/19/94
101-B	IN		442.00	+406.50	***	35.50	35.50	35.50	35.50	35.50	6/28/94
102-B			7.80			7.80	7.80	7.20	7.30	7.10	8/19/85
103-B	IN		447.00	+429.60	***	17.40	17.40	17.40	17.40	17.40	5/ 2/90
104-B	MT	QRTRLY	132.00			132.00	132.00	132.00	132.00	132.00	7/31/93
105-B	MT	QRTRLY	42.00			42.00	42.00	42.00	42.00	42.00	8/ 8/94
106-B			39.20			39.20	39.20	39.20	39.20	39.20	6/ 8/94
107-B	MT	QRTRLY	55.00			55.00	55.00	55.00	55.00	55.00	8/ 8/90
108-B	IN		30.30			30.30	30.30	30.30	30.30	30.30	5/ 3/90
[illegible]	MT	QRTRLY	[illegible]			[illegible]	[illegible]	41.50	41.50	41.50	8/ 8/94
110-B	MT	QRTRLY	85.75			85.75	85.75	85.75	85.75	85.75	8/ 8/94
111-B	IN		84.10			84.40	84.40	[illegible]	84.40	84.40	5/ 3/90

112-B			7.60	-.10	7.70	7.70	7.70	7.70	8.00	6/ 8/94
201-B	MT	DAILY	152.00		[illegible]	152.00	152.00	151.75	151.75	6/ 8/94
202-B	MT	DAILY	145.75		145.75	145.75	145.75	145.75	145.50	7/11/94
203-B	MT	DAILY	260.00		260.00	260.00	260.00	259.50	260.00	6/21/82
204-B	MT	DAILY	256.00		256.00	256.00	256.00	256.50	256.50	11/ 6/79
101-BX	MT	DAILY	12.00		12.00	11.75	12.00	164.50	11.00	2/15/81
102-BX	MT	QRTRLY	27.25		27.25	27.25	27.25	27.25	28.25	8/ 8/94
103-BX			20.50		20.50	20.50	20.50	20.50	20.50	7/11/94
104-BX			32.00		32.00	32.00	32.00	32.00	31.80	6/ 8/94
105-BX	IN		25.80		25.80	25.80	25.80	25.80	25.80	5/ 1/90
106-BX	ME	DAILY	12.22		12.22	12.22	12.24	12.21	12.25	8/24/94
[illegible] BX					[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	6/27/94
108-BX	MT	QRTRLY	4.00		4.00	4.00	4.00	4.00	4.25	8/ 8/94
109-BX			65.40		65.40	65.40	65.40	65.40	65.30	11/11/91
110-BX	MT	QRTRLY	67.00		67.00	67.00	67.00	67.00	66.75	8/ 8/94
111-BX	MT	QRTRLY	64.25		64.25	64.25	64.25	64.25	64.75	6/ 6/94
112-BX			54.50		54.50	54.50	54.50	54.50	55.20	6/10/91
101-BY	MT	QRTRLY	85.50		85.50	85.50	85.50	85.50	144.50	8/ 8/90
102-BY	MT	DAILY	75.50		75.50	75.00	75.25	75.50	77.00	6/ 3/94
103-BY	MT	QRTRLY	147.50		147.50	147.50	147.50	147.50	147.50	8/ 8/94
104-BY	MT	QRTRLY	128.50		128.50	128.50	128.50	128.50	128.50	8/ 8/94
[illegible] BY	MT	QRTRLY	[illegible]		16[illegible]	[illegible]	[illegible]	[illegible]	144.50	8/ 8/94
106-BY	MT	QRTRLY	247.00		247.00	247.00	247.00	247.00	244.20	8/31/94
107-BY	MT	QRTRLY	103.00		103.00	103.00	103.00	103.00	103.50	8/ 8/90
108-BY	MT	QRTRLY	87.50		87.50	87.50	87.50	87.50	87.50	8/ 8/94
109-BY			.00		.00	.00	.00	.00	.00	7/11/94
110-BY	MT	QRTRLY	98.75		98.75	98.75	98.75	98.75	98.75	8/ 8/94
111-BY	MT	QRTRLY	162.50		162.50	162.50	162.50	162.50	163.00	8/ 8/94
112-BY	MT	QRTRLY	113.25		113.25	113.25	113.25	113.25	113.25	12/13/83
101-C	[illegible]	[illegible]	8.50		[illegible]	8.50	8.50	25.00	25.50	8/ 8/94
102-C	IN		148.40		148.40	148.40	148.40	148.70	150.00	6/28/94
103-C	ME	DAILY	67.01		67.01	67.30	67.00	67.21	67.50	8/24/94
104-C			87.50		87.50	87.60	87.50	87.50	86.30	8/31/94
105-C			44.70		44.70	44.60	44.60	44.60	44.40	8/24/94
106-C			76.10		76.10	75.80	76.00	76.70	.00	7/21/94
107-C			.00		.00	.00	.00	.00	93.20	3/19/93
108-C	MT	QRTRLY	19.50		19.50	19.50	19.50	19.50	19.50	7/12/84
109-C	MT	QRTRLY	9.25		9.25	9.25	9.25	9.25	18.50	8/ 8/94
110-C	MT	DAILY	64.50		64.50	64.25	64.25	64.25	65.00	7/31/93
111-C	MT	QRTRLY	16.50		16.50	16.50	16.50	16.50	16.50	3/ 8/78
112-C	MT	QRTRLY	31.50		31.50	31.50	31.50	31.50	33.50	8/ 8/94
201-C	MT	QRTRLY	12.00		12.00	12.00	12.00	12.00	13.25	8/ 8/94
202-C	MT	QRTRLY	6.50		6.50	6.50	6.50	6.50	8.50	8/ 8/94
203-C	MT	QRTRLY	19.00		[illegible]	[illegible]	19.00	19.00	21.00	8/ 8/94
204-C	MT	QRTRLY	15.00		15.00	15.00	15.00	15.00	8.50	11/ 8/93
A-302-A	MF	DAILY	29.50		29.50	[illegible]	29.50	29.50	29.00	7/21/94
A-302-B	MT	DAILY	36.75		36.75	36.75	36.75	36.75	37.25	7/21/94
[illegible] ER			53.10		53.10	53.10	53.00	53.00	53.00	9/19/94
151-AZ			44.30	+.30	44.00	42.90	36.00	30.00	.00	10/17/85
154-AZ	MT	DAILY	.00		.00	.00	.00	.00	.00	8/14/87
216-B-3	MT	DAILY	.00		.00	.00	.00	.00	.00	4/ 2/84

216-B-3A	MT	DAILY	.00	.00	.00	.00	.00	.00	.00	12/31/67
216-B-3B	MT	DAILY	.00	.00	.00	.00	.00	.00	.00	12/31/67
216-B-3C			.00	.00	.00	.00	.00	.00	.00	12/31/67

*** INDICATES A CHANGE OF AT LEAST 0.5 INCH FROM THE PREVIOUS SHIFT READING

END OF REPORT

CASS MENU SELECTION (0=DISPLAY MENU, 99=QUIT) 33

[illegible] LIQUID LEVEL REPORT [illegible]/1994 12:41:31

ALL READINGS ARE INCHES FROM TANK BOTTOM

TANK NUMBER	MAN/ AUTO	ENTRY FREQ	CURRENT READING	CHG FROM PRV SHIFT	PREV. SHIFT	1 DAY AGO	7 DAYS AGO	14 DAYS AGO	BASELINE VALUE	BASELINE DATE
VENT STA.	MT	DAILY	65.75		65.75	65.50	65.50	65.50	65.50	9/19/94
101-S	IN		162.30		162.30	162.30	162.30	162.30	162.30	8/ 1/84
102-S			204.60		204.60	204.60	204.70	204.90	204.90	8/31/94
103-S	ME	DAILY	105.36		105.36	105.33	105.46	105.50	105.30	7/11/94
104-S	MT	QRTRLY	111.50		111.50	111.50	111.50	111.50	113.00	8/ 2/94
105-S	IN		158.00		158.00	158.00	134.00	158.00	158.00	6/27/89
106-S	ME	DAILY	178.16		178.16	178.16	178.36	176.26	178.10	8/31/94
107-S	ME	DAILY	144.83		144.83	144.84	144.85	144.85	144.20	6/ 8/94
108-S	IN		171.80		171.80	171.80	171.80	171.80	171.80	6/28/94
109-S	IN		173.00		173.00	173.00	173.00	173.00	173.00	6/28/94
110-S	IN		149.30		149.30	149.30	149.30	149.30	149.30	6/18/90
111-S	ME	DAILY	203.41		203.41	203.43	203.54	203.55	203.50	8/24/94
112-S	IN		197.00		197.00	197.00	197.00	197.00	197.00	6/28/94
101-SX	IN		172.00		172.00	172.00	172.00	172.00	172.00	5/21/84
102-SX	IN		196.40		196.40	196.40	196.40	196.40	196.40	6/28/94
103-SX	IN		241.00		241.00	241.00	241.00	241.00	241.00	6/28/94
104-SX	IN		225.50		225.50	225.50	225.50	225.50	225.50	6/28/94
105-SX	IN		247.50		247.50	247.50	247.50	247.50	247.50	6/28/94
106-SX	ME	DAILY	200.00		200.00	199.98	200.12	200.20	201.60	7/31/93
107-SX	MT	QRTRLY	33.75		33.75	33.75	33.75	33.75	40.50	8/ 2/94
108-SX	MT	QRTRLY	32.75		32.75	32.75	32.75	32.75	37.00	1/25/83
109-SX	MT	QRTRLY	84.75		84.75	84.75	84.75	84.75	95.50	8/ 2/94
110-SX	MT	QRTRLY	28.50		28.50	28.50	28.50	28.50	28.00	8/31/77
111-SX	MT	QRTRLY	49.75		49.75	49.75	49.75	49.75	49.75	7/11/94
112-SX	MT	QRTRLY	34.75		34.75	34.75	34.75	34.75	35.00	8/ 2/94
113-SX	MT	QRTRLY	15.00		15.00	15.00	15.00	15.00	15.00	4/20/78
114-SX	MT	QRTRLY	65.60		65.60	65.60	65.60	65.60	66.25	8/ 2/94
							7.50	7.50	7.00	8/ 2/94
101-SY	MF	DAILY	399.00		399.00	398.85	398.70	399.00	399.00	9/27/94
102-SY	ME	DAILY	277.23		277.23	277.23	277.28	277.31	277.30	4/12/94
103-SY	ME	DAILY	272.28		272.28	272.25	272.27	272.16	272.00	9/26/94
101-	IN		.00		.00	.00	.00	.00	32.00	12/ 2/93
102-T	ME	DAILY	7.15		7.15	7.15	7.15	7.17	7.00	9/ 6/84
103-T	IN		6.00		6.00	6.00	6.00	6.00	6.00	11/19/93

104-T	MT	QRTRLY	154.75		154.75	154.75	154.75	154.75	154.75	154.75	8/ 2/94
105-T	IN		29.50		29.50	29.50	29.50	29.50	29.50	29.50	6/28/94
106-T	IN		4.20		4.20	4.20	333.30	.00	4.20	4.20	8/ 1/84
[illegible]	[illegible]	DAILY	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	10/31/93
108-T	MT	DAILY	13.25		13.25	13.25	13.25	13.50	13.00	13.25	4/26/93
109-T	ME	DAILY	18.38		18.38	18.38	18.37	18.35	18.40	18.38	9/15/94
110-T			147.70		147.70	147.70	147.70	147.70	147.70	147.70	9/15/94
111-T			158.80		158.80	[illegible]	159.00	159.00	.00	158.80	9/20/94
112-T			20.40		20.40	20.40	20.50	20.40	20.30	20.40	6/ 8/94
201-T	MT	DAILY	153.00		153.00	153.00	153.00	153.00	153.00	153.00	7/11/94
202-T	MT	DAILY	105.25		105.25	105.25	105.00	105.50	105.50	105.25	12/19/93
203-T	MT	QRTRLY	183.00		183.00	183.00	183.00	183.00	183.00	183.00	7/11/94
204-T	MT	DAILY	188.50	-.25	188.75	188.50	188.50	188.75	188.50	188.50	3/ 3/89
101-TX			40.10	-.10	40.20	40.10	40.20	40.30	40.10	40.10	6/10/91
102-TX	MT	QRTRLY	82.50		82.50	82.50	82.50	82.50	82.10	82.50	8/31/94
103-TX	IN		58.60		58.60	58.60	58.60	58.60	58.60	58.60	6/ 5/84
104-TX	IN		33.00		33.00	33.00	33.00	33.00	33.00	33.00	7/28/93
105-TX	MT	QRTRLY	214.00		214.00	214.00	214.00	214.00	214.00	214.00	6/ 8/94
106-TX	MT	QRTRLY	133.25		133.25	133.25	133.25	133.25	133.00	133.25	8/ 2/94
107-TX			.00		.00	.00	.00	.00	17.70	.00	8/ 2/94
108-TX	IN		54.60		54.60	54.60	54.60	54.60	54.60	54.60	6/28/94
109-TX	IN		140.00		140.00	140.00	140.00	140.00	140.00	140.00	6/28/94
110-TX	MT	QRTRLY	141.25		141.25	141.25	141.25	141.25	142.00	141.25	8/ 2/94
111-TX	MT	QRTRLY	135.00		135.00	135.00	135.00	135.00	137.00	135.00	8/ 2/94
112-TX	MT	QRTRLY	237.50		237.50	237.50	237.50	237.50	237.00	237.50	8/ 2/94
113-TX	MT	QRTRLY	215.50		215.50	215.50	215.50	215.50	219.00	215.50	6/ 8/94
114-TX	MT	QRTRLY	201.00		201.00	201.00	201.00	201.00	201.00	201.00	8/ 2/94
115-TX	MT	QRTRLY	201.25		201.25	201.25	201.25	201.25	208.00	201.25	6/ 8/94
116-TX	MT	QRTRLY	212.25		212.25	212.25	212.25	212.25	212.00	212.25	6/ 8/94
117-TX	MT	QRTRLY	182.25		182.25	182.25	182.25	182.25	182.00	182.25	6/ 8/94
118-TX	IN		112.00		112.00	112.00	112.00	112.00	112.00	112.00	6/28/94
101-TY	IN		50.30		50.30	50.30	50.30	50.30	50.30	50.30	6/28/94
102-TY			31.90		31.90	31.80	31.90	31.90	31.40	31.90	1/ 5/89
103-TY	IN		64.60		64.60	64.60	64.60	64.60	64.60	64.60	6/28/94
104-TY			23.60		23.60	23.60	23.60	24.40	24.40	23.60	8/ 2/94
105-TY	MT	QRTRLY	85.00		85.00	85.00	85.00	85.00	86.50	85.00	6/ 8/94
106-TY	MT	QRTRLY	13.50		13.50	13.50	13.50	13.50	13.75	13.50	7/ 8/76
101-U	MT	DAILY	3.75		3.75	3.75	3.75	3.75	3.75	3.75	2/10/94
102-U	IN		.00		.00	.00	.00	.00	131.60	.00	6/18/84
103-U	MT	DAILY	[illegible]		[illegible]	166.72	166.92	166.78	166.85	[illegible]	8/24/94
104-U	MT	QRTRLY	28.75		28.75	28.75	28.75	28.75	32.00	28.75	8/ 2/94
105-U	ME	DAILY	149.98	-.01	149.99	149.92	150.16	150.09	150.10	149.98	8/31/94
106-U	ME	DAILY	77.97		77.97	77.97	77.96	78.07	78.00	77.97	8/ 9/94
107-U	ME	DAILY	143.90	-.01	143.91	143.84	143.98	143.89	143.90	143.91	6/ 8/94
108-U	IN		.00		.00	.00	.00	.00	166.80	.00	6/18/84
109-U	ME	DAILY	164.96		164.96	164.96	165.03	164.96	164.95	164.96	8/24/94
110-U	IN		.00		.00	.00	.00	.00	62.50	.00	6/28/94
111-U	IN		.00		.00	.00	.00	.00	117.00	.00	6/28/94
112-U	MT	QRTRLY	12.25		12.25	12.25	12.25	12.25	12.50	12.25	8/ 2/94
201-U	MT	DAILY	28.50		28.50	28.25	28.50	28.75	28.25	28.50	8/23/77
202-U	MT	DAILY	26.50		26.50	26.50	26.50	26.50	26.50	26.50	7/11/94

[illegible]	MT	QRTRLY	19.25		19.25	19.25	19.25	19.25	19.25	8/ 2/94
204-U	MT	DAILY	17.50		17.50	17.50	17.50	17.50	17.75	9/ 1/77
S-302	IN		.00		.00	.00	.00	.00	21.70	6/28/93
S-302-A	IN		55.00		55.00	55.00	55.00	54.00	55.00	6/28/93
S-304	A	DAILY	57.20	-.04	[illegible]	57.25	57.07	57.28	59.60	6/13/94
TX-302-C			.00		.00	.00	.00	.00	29.60	12/15/93
TX-302-B	MT	MWR	15.00		[illegible]	[illegible]	15.00	15.00	15.00	7/21/94
U-301-B			.00		.00	.00	.00	.00	35.10	5/29/94
UX-302-A	MF	DAILY	69.10		69.10	69.15	69.00	69.00	68.90	9/19/94

*** INDICATES A CHANGE OF AT LEAST 0.5 INCH FROM THE PREVIOUS SHIFT READING

END OF REPORT

CASS MENU SELECTION (0=DISPLAY MENU, 99=QUIT)