S

ENGINEERING CHANGE NOTICE

Page 1 of 2

1. ECN 652210

Proj. ECN

2. ECN Category (mark one)	3. Originator's Name, Organization, MSIN, and Telephone No.	4. USQ Required?	5. Date
Supplemental ○	D.A. Gantt, FFTF Proj. Integration, N2-13, 376-4415	○ Yes ◉ No	October 28, 1999
Direct Revision ◉	6. Project Title/No./Work Order No.	7. Bldg./Sys./Fac. No.	8. Approval Designator
Change ECN ○	Advanced Reactors Transition & FFTF	FFTF, 337B & 309	N/A
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Standby ○	HNF-SD-FF-SSP-050, Rev. 6	N/A	N/A
Supersedure ○			
Cancel/Void ○			

12a. Modification Work	12b. Work Package No.	12c. Modification Work Completed	12d. Restored to Original Condition (Temp. or Standby ECNs only)
○ Yes (fill out Blk. 12b) ◉ No (NA Blks. 12b, 12c, 12d)	NA	NA Design Authority/Cog. Engineer Signature & Date	NA Design Authority/Cog. Engineer Signature & Date

13a. Description of Change — 13b. Design Baseline Document? ○ Yes ◉ No

This is a full revision/update. The following major changes are included:

- The FFTF Standby Status is continued through FY 2000. The general objective will be to maintain the " The largest single activities during this period are refueling equipment repairs for the solid waste cask, upgrades to the IEM Cell sodium removal system controls, and testing of the Closed Loop Ex-Vessel Machine (CLEM) control system upgrade.

- NE Legacy activities and schedule are accelerated, with respect to Rev. 6. Costs have been realigned with rates and resource requirements.

- 309/PRTR Bldg activities have been recosted and accelerated, with respect to Rev. 6. The end date is now June 30,2003.

The work breakdown structure information in section 2 provides the information required by HNF-PRO-518, Work Breakdown Structure, Index, and Dictionary.

14a. Justification (mark one)	14b. Justification Details
Criteria Change ◉	The FFTF was directed to plan for standby through FY 2000 in preparing the annual Multi-Year Work Plan.
Design Improvement ○	
Environmental ○	Revised rates and cost structures were issued by FDH and necessitated update to the cost reports.
Facility Deactivation ○	
As-Found ○	This also incorporates Baseline Change Requests approved during FY 1999.
Facilitate Const. ○	
Const. Error/Omission ○	
Design Error/Omission ○	

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17. Cost Impact

	ENGINEERING	CONSTRUCTION
Additional	○ $	○ $
Savings	○ $	○ $

18. Schedule Impact (days)
- Improvement ○ _____
- Delay ○ _____

19. Change Impact Review: Indicate the related documents (other than the engineering documents identified on Side 1) that will be affected by the change described in Block 13. Enter the affected document number in Block 20.

SDD/DD	☐	Seismic/Stress Analysis	☐	Tank Calibration Manual	☐
Functional Design Criteria	☐	Stress/Design Report	☐	Health Physics Procedure	☐
Operating Specification	☐	Interface Control Drawing	☐	Spares Multiple Unit Listing	☐
Criticality Specification	☐	Calibration Procedure	☐	Test Procedures/Specification	☐
Conceptual Design Report	☐	Installation Procedure	☐	Component Index	☐
Equipment Spec.	☐	Maintenance Procedure	☐	ASME Coded Item	☐
Const. Spec.	☐	Engineering Procedure	☐	Human Factor Consideration	☐
Procurement Spec.	☐	Operating Instruction	☐	Computer Software	☐
Vendor Information	☐	Operating Procedure	☐	Electric Circuit Schedule	☐
OM Manual	☐	Operational Safety Requirement	☐	ICRS Procedure	☐
FSAR/SAR	☐	IEFD Drawing	☐	Process Control Manual/Plan	☐
Safety Equipment List	☐	Cell Arrangement Drawing	☐	Process Flow Chart	☐
Radiation Work Permit	☐	Essential Material Specification	☐	Purchase Requisition	☐
Environmental Impact Statement	☐	Fac. Proc. Samp. Schedule	☐	Tickler File	☐
Environmental Report	☐	Inspection Plan	☐	_____	☐
Environmental Permit	☐	Inventory Adjustment Request	☐	_____	☐

20. Other Affected Documents: (NOTE: Documents listed below will not be revised by this ECN.) Signatures below indicate that the signing organization has been notified of other affected documents listed below.

Document Number/Revision	Document Number/Revision	Document Number/Revision
None.		

21. Approvals

Signature	Date	Signature	Date
Design Authority _____		Design Agent _____	
Cog. Eng. D. A. Gantt [signature]	10/28/99	PE _____	
Cog. Mgr. R. K. Hulvey [signature]	10/28/99	QA _____	
QA _____		Safety _____	
Safety _____		Design _____	
Environ. _____		Environ. _____	
Other D. B. Klos [signature]	11/3/99	Other _____	

DEPARTMENT OF ENERGY

Signature or a Control Number that tracks the Approval Signature

ADDITIONAL

ADVANCED REACTORS TRANSITION PROGRAM RESOURCE LOADED SCHEDULE

D. A. Gantt
B&W Hanford Company
Richland, WA 99352
U.S. Department of Energy Contract DE-AC06-96RL13200

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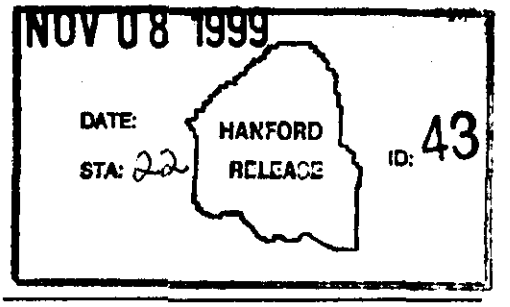
Key Words:
Resource, Loaded, Schedule, FFTF, RLS, Legacies, PRTR

Abstract: The Advanced Reactors Transition (ART) Resource Loaded Schedule (RLS) provides a cost and schedule baseline for managing the project elements within the ART Program. The Fast Flux Test Facility (FFTF) activities are delineated through the end of FY 2000, assuming continued standby. The Nuclear Energy (NE) Legacies and Plutonium Recycle Test Reactor (PRTR) activites are delineated through the end of the deactivation process. This document reflects the 1 Oct 1999 baseline.



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B. Document Number HNF-SD-FF-SSP-050, Rev. 7

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Document Number: HNF-SD-FF-SSP-050

Document Title: ADVANCED REACTORS TRANSITION PROGRAM
RESOURCE LOADED SCHEDULE

This document, reviewed in accordance with DOE Order 241.1, "Scientific and Technical Information Management," and DOE G 241.1-1, "Guide to the Management of Scientific and Technical Information," does not contain classified or sensitive unclassified information and is:

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Change Control Record

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TABLE OF CONTENTS

1.0	EXECUTIVE SUMMARY	1
1.1	Mission	1
1.2	Scope	1
1.3	Work Breakdown Structure	2
1.4	Schedule	2
1.5	Cost Summary	2
2.0	TECHNICAL BASELINE	11
2.1	Mission	11
2.2	Scope	11
2.3	Assumptions	12
2.4	Work Breakdown Structure	13
3.0	SCHEDULE BASELINE	65
3.1	Master Schedule	65
3.2	Milestones	65
4.0	COSTS	69
4.1	Cost Detail	69
4.2	Cost Baseline	69
4.3	Budget Authority	69
4.4	Planned Staffing	69
5.0	RESOURCE LOADED SCHEDULE BASIS	75
5.1	Methodology and Historical Basis	75
5.2	Basic Data and Estimate Backup Sheets	75
6.0	BASELINE CHANGE CONTROL	77
7.0	REFERENCES	79

APPENDICES

A	SCHEDULES	81
B	USAGE AND COSTS	115

FIGURES

1.1	Advanced Reactors Transition (RL-TP11) Work Breakdown Structure	3
1.2	FFTF Work Breakdown Structure	4
1.3	NE Legacies Summary Schedule	5
1.4	PRTR/309 Building Summary Schedule	6
1.5	FFTF Standby Summary Schedule	7
1.6	RL Level Milestones	8
2.1	Advanced Reactors Transition (RL-TP11) Work Breakdown Structure	14
2.2	FFTF Work Breakdown Structure	15

TABLES

1.1	ART (RL-TP11) Lifecycle Costs by Fiscal Year	9
1.2	FFTF Costs by Fiscal Year	10
2.1	Responsibility Assignment Matrix	63
3.1	Active Milestones	66
3.2	TPA Milestones Pending Change Request Approval	67
4.1	ART (RL-TP11) Lifecycle Costs by Fiscal Year	70
4.2	FFTF Costs by Fiscal Year	71
4.3	PHMC Fee Allocation	71
4.4	FY 2000 Cost Baseline	72
4.5	FY 2000 Budget Authority	74

1.0 EXECUTIVE SUMMARY

1.1. Mission

The Advanced Reactors Transition (ART) Program has two missions. One, funded by DOE-EM is to transition assigned, surplus facilities to a safe and compliant, low-cost, stable, deactivated condition (requiring minimal surveillance and maintenance) pending eventual reuse or D&D. Facilities to be transitioned include the 309 Building / Plutonium Recycle Test Reactor (PRTR) and Nuclear Energy Legacy facilities. This mission is funded through the Environmental Management (EM) Project Baseline Summary (PBS) RL-TP11, "Advanced Reactors Transition."

The second mission, funded through budget requests submitted to the Office of Nuclear Energy, Science and Technology (DOE-NE), is maintaining the Fast Flux Test Facility (FFTF), the Fuels and Materials Examination Facility (FMEF), and affiliated 400 Area buildings in a safe and compliant standby condition. This mission is to preserve the condition of the plant hardware, software, and personnel in a manner not to preclude a plant restart.

1.2. Scope

This revision of the Resource Loaded Schedule (RLS) is based upon the technical scope in the latest revision of the following project and management plans.

Fast Flux Test Facility Standby Plan (Reference 1)

Hanford Site Sodium Management Plan (Reference 2)

309 Building Transition Plan (Reference 4)

The technical scope, cost, and schedule baseline is also in agreement with the concurrent revision to the ART Fiscal Year (FY) 2000 Multi-Year Work Plan (MYWP), which is available in an electronic version (only) on the Hanford Local Area Network, within the "Hanford Data Integrator (HANDI)" application.

1.2.1 Life Cycle

Transitioning the 309 Building to a safe and compliant, low-cost, stable, deactivated condition requires that the facility be characterized, through survey, sampling, and analysis; hazardous materials must be removed or stabilized; a structurally sound building envelop must be established; and the conditions must be documented to support future decontamination and disposal. This work will be accomplished on an area by area basis. At the conclusion of this process, the building will be turned over to the environmental restoration contractor.

Deactivation of the Nuclear Energy Legacy facilities requires that the alkali metals, sodium and sodium-potassium (NaK) alloy be removed from the various test and development systems, which were located around the site. At the end of FY 1999, all of this sodium and NaK had been removed and the test systems deactivated, except for those in the 300 Area, 337 Building High Bay.

The Fast Flux Test Facility is in standby, pending a decision on potential future mission options. In this state, maintenance will be performed to ensure the availability of the facility to accomplish any assigned mission, including shutdown, in a timely, cost effective manner.

1.2.2 Execution Year

All assigned facilities will be maintained in a safe and compliant state through appropriate surveillance and maintenance activities.

The 309 Building deactivation activities in FY 2000 will be limited by funding constraints. The principal activity will be to begin the clean out of the Fuel Transfer Pit.

In the NE Legacy facilities, cleaning of the two tanks, previously removed from 221-T, will continue using the moist-nitrogen vapor process.

The FFTF standby activities will focus on the following:

- Maintaining the "health of the facility" through the performance of appropriate preventive and corrective maintenance actions.
- Preparing the redesign of the Solid Waste Cask to satisfy all applicable fuel handling requirements
- Acceptance testing of the Closed Loop Ex-vessel Machine (CLEM) new computer control system
- Installing the upgraded control system for the IEM Cell sodium removal system
- Verifying the capability to implement Y2K contingency plans
- Providing technical support for the Programmatic Environmental Impact Statement process

1.3. Work Breakdown Structure
The two missions have independent work breakdown structures, as shown in Figures 1.1 and 1.2.

1.4. Schedule
The detailed schedules are shown in Appendix A. However, pictorial summaries of the subproject schedules are included in this section.

1.4.1. NE Legacies
The NE Legacies schedule is depicted in Figure 1.3.

1.4.2. PRTR/309 Building
The PRTR/309 Building schedule is depicted in Figure 1.4.

1.4.3. FFTF
The FFTF, FY 1999 and 2000 standby schedule is depicted in Figure 1.5. The repair/upgrade of fuel handling equipment is shown to its completion.

1.4.4. RL Milestones
Figure 1.6 identifies all of the active RL milestones being pursued in FY 2000. TPA milestones, which are the subject of pending change requests, are identified in Section 3.0, but are not included in the FY 2000 baseline because of the FFTF being placed in Standby.

1.5 Cost Summary
Lifecycle costs for NE Legacies and PRTR/309 Building, are identified in Table 1.1. This table also includes FY 1997 and FY 1998, EM funded costs for the FFTF. These are included for completeness of the Advanced Reactors Transition Project Baseline Summary (PBS RL-TP11) lifecycle costs.

FFTF standby costs are planned for FY 2000 only and total $41,812K. In addition, laundry charges of $98K, are paid directly by RL holdback of appropriated project funds. These values are also presented in Table 1.2. A more detailed breakdown of the FFTF costs is provided in section 4. Costs beyond FY 2000 will be determined based on mission direction.

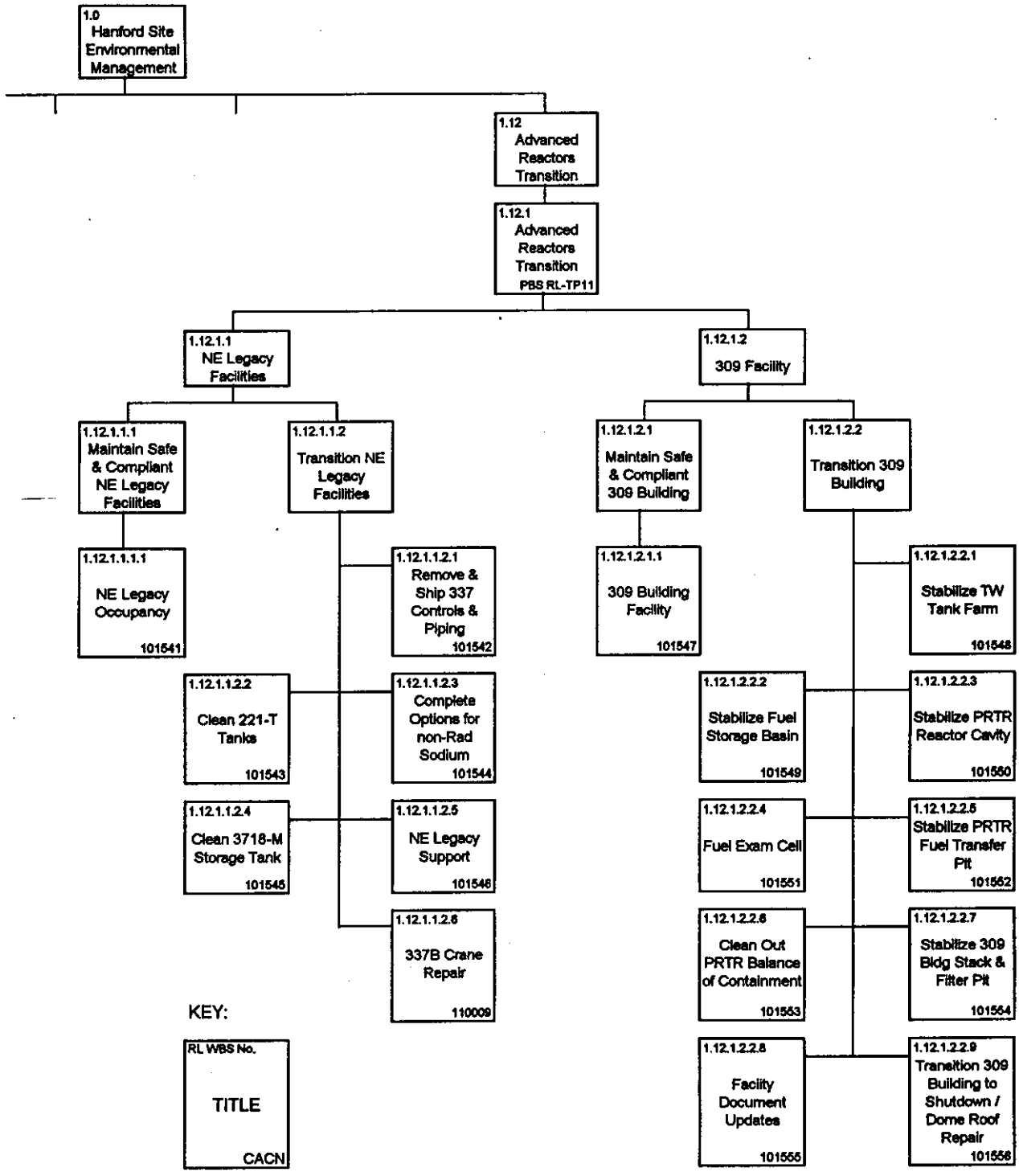

Figure 1.1 Advanced Reactors Transition (RL-TP11) Work Breakdown Structure

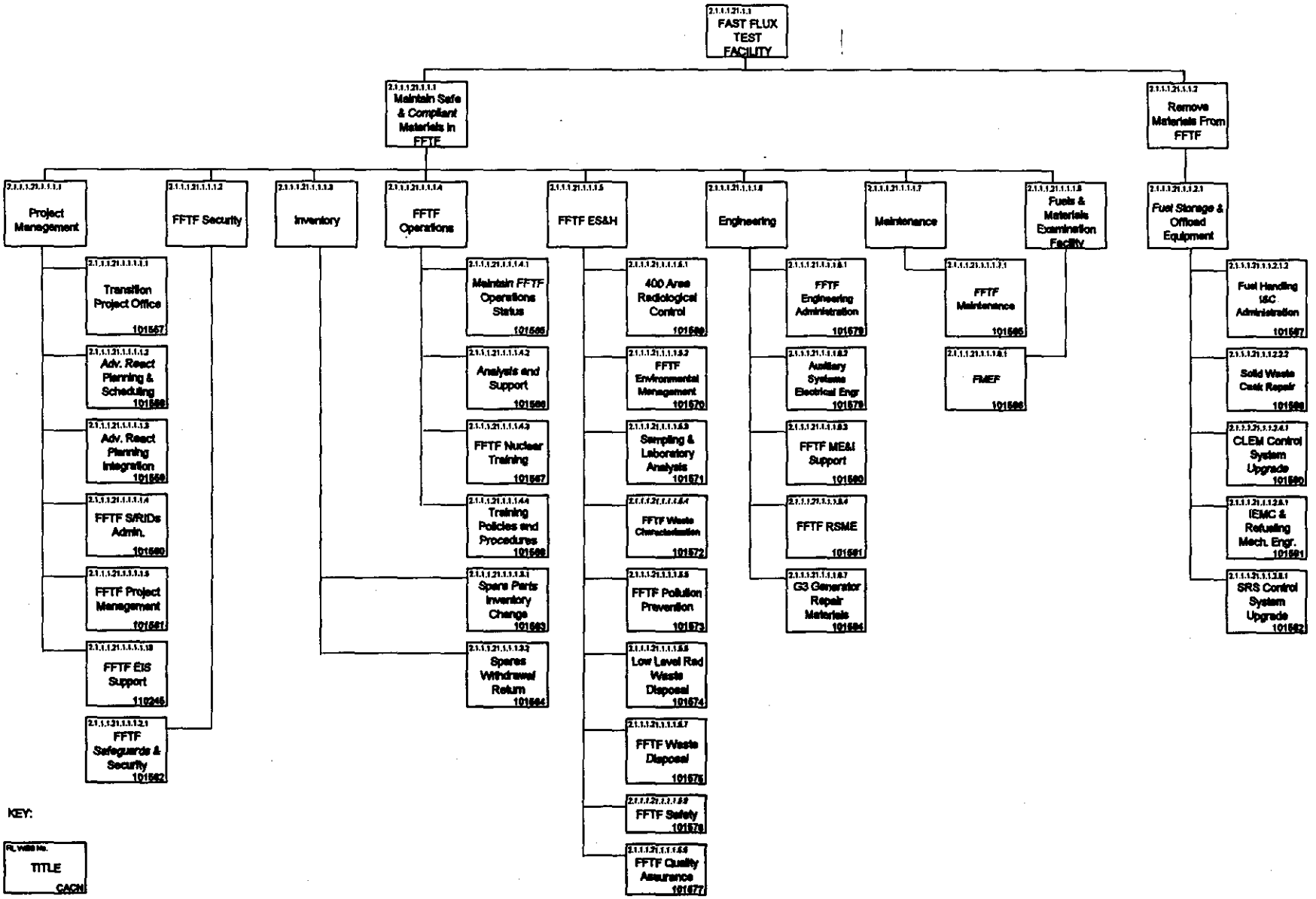

Figure 1.2 FFTF Work Breakdown Structure

NE LEGACIES

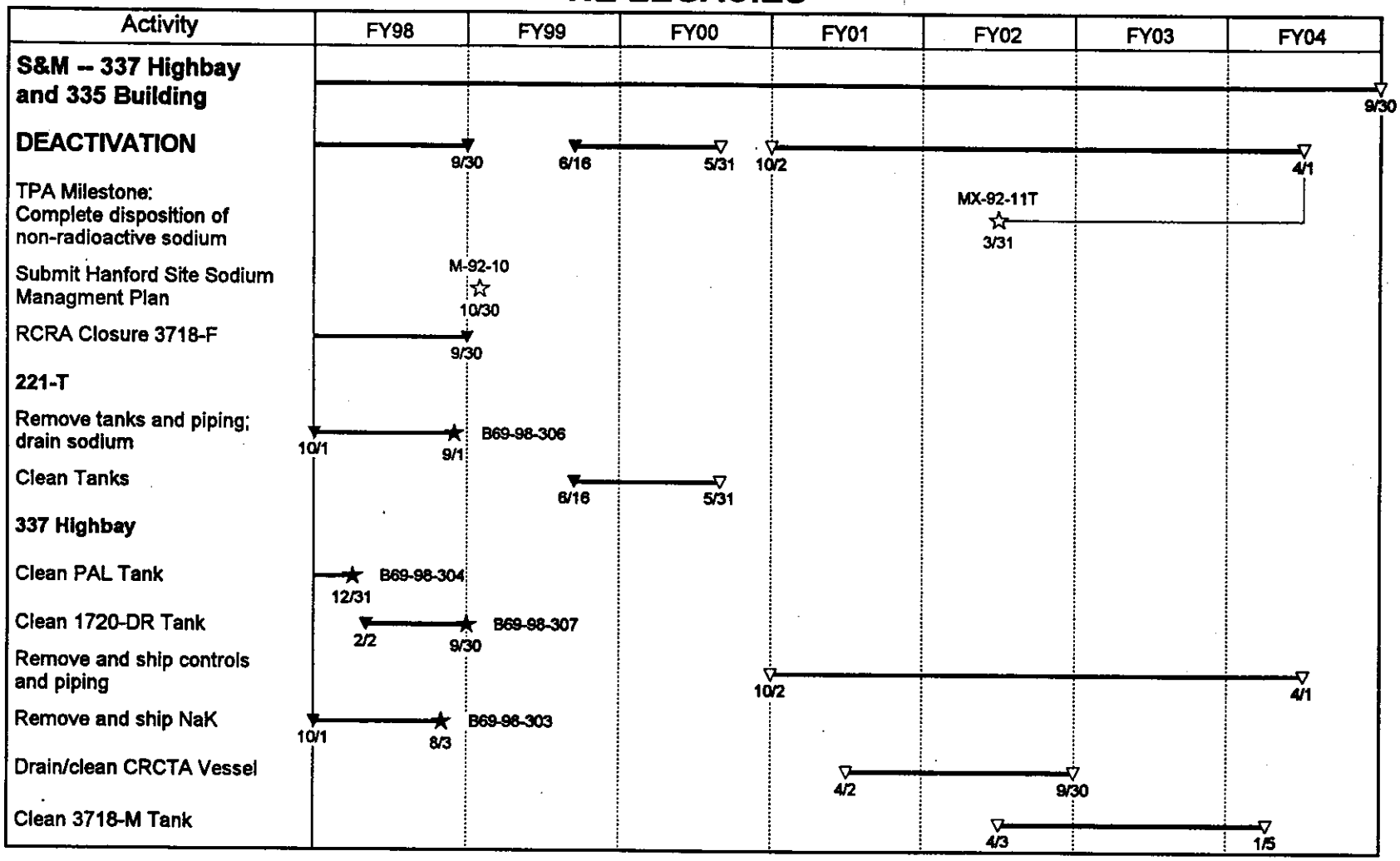

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FIGURE 1.3 NE Legacies Summary Schedule

PRTR/309 BUILDING

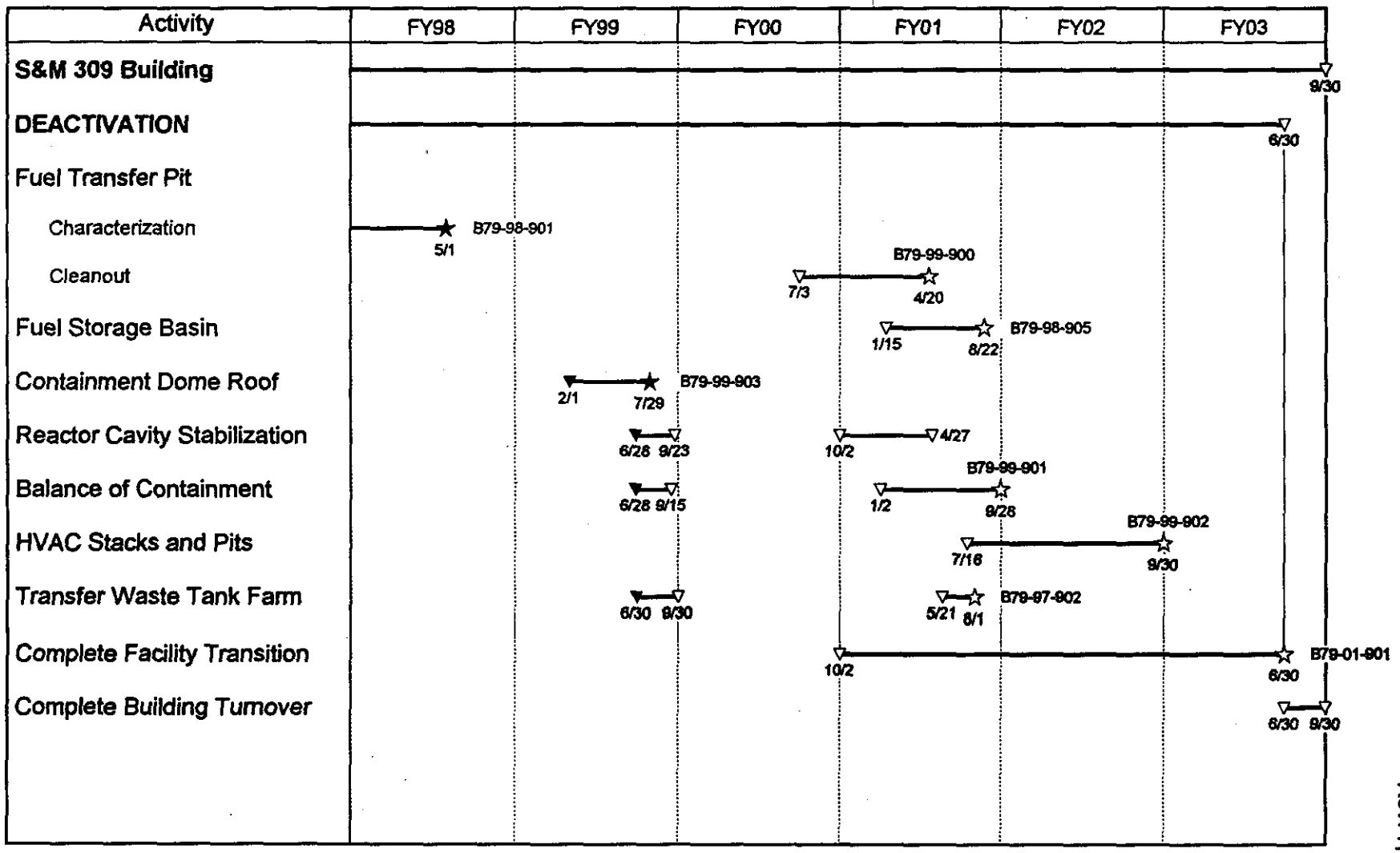

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FIGURE 1.4 PRTR/309 Building Summary Schedule

FAST FLUX TEST FACILITY

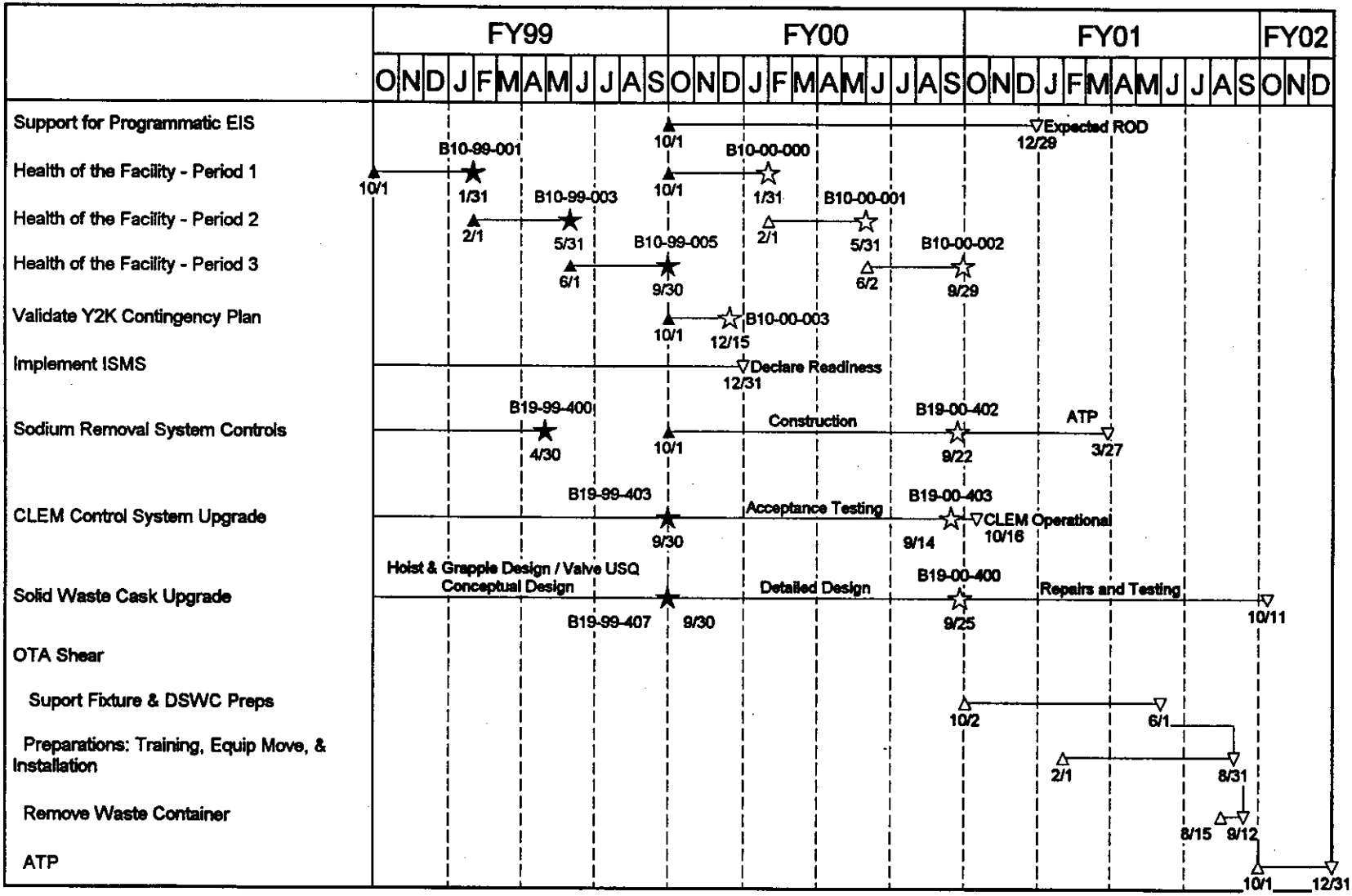

FIGURE 1.5 FFTF Standby Summary Schedule

ACTIVE RL MILESTONES - FY 2000

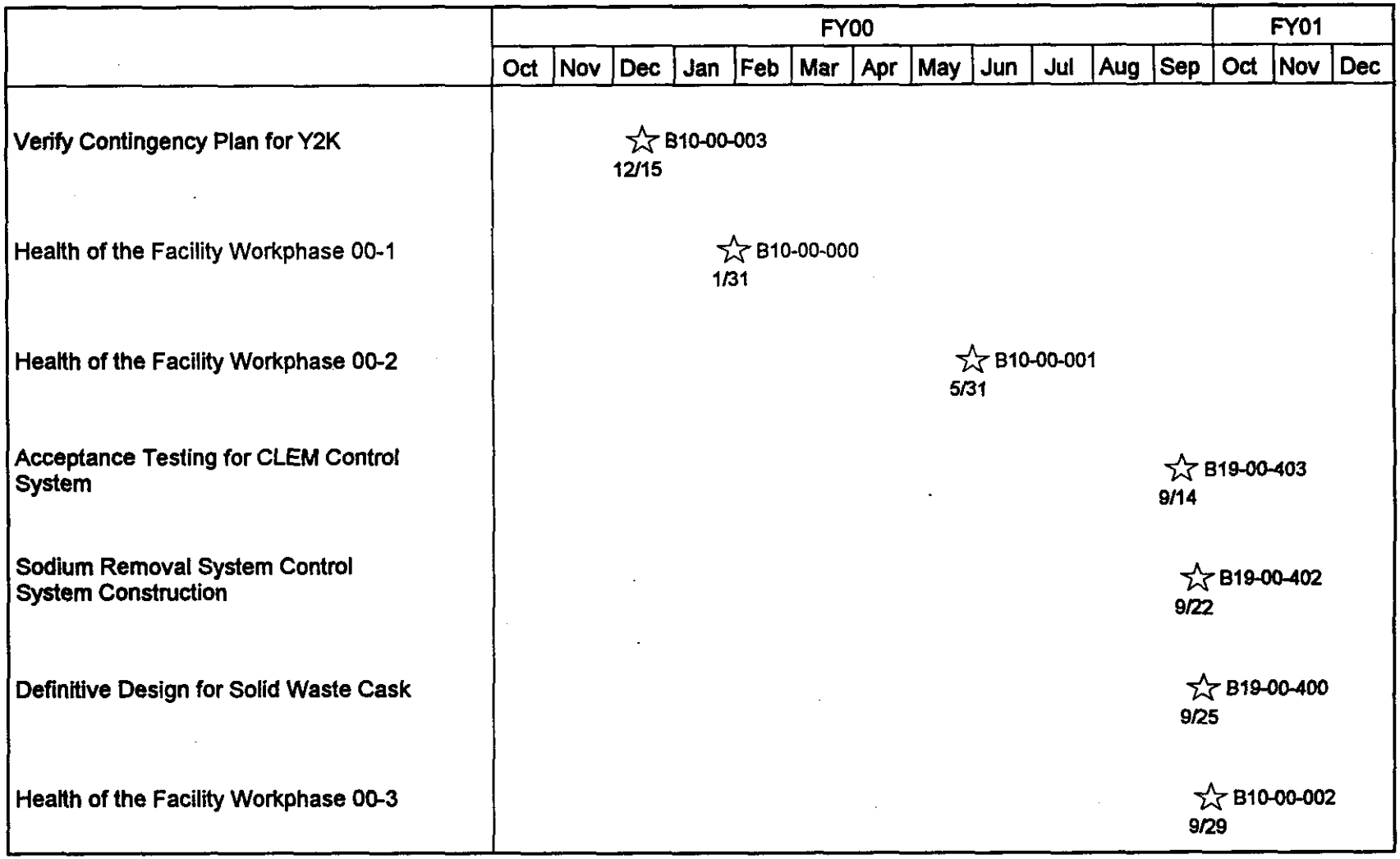

FIGURE 1.6 RL Level Milestones

TABLE 1.1 ART (RL-TP11) LIFECYCLE COSTS BY FISCAL YEAR

	FY 1997 Actuals	FY 1998 Actuals	FY 1999 Actuals	FY 2000	FY 2001	FY2002	FY 2003	FY 2004	LIFE CYCLE
ART S&M									
NE Legacies	780	490	402	413	513	513	478	460	
309 Bldg	744	714	458	709	797	797	766		
TOTAL:	1,524	1,204	860	1,122	1,310	1,310	1,244	460	9,437
ART Deactivation									
NE Legacies	1,813	1,214	84	86	1,265	1,286	596	528	6,857
309 Bldg	1,280	231	531	110	1,063	1,227	50	0	4,628
FFTF Costs	9,929	36,853							46,782
Escalation					71	150	109	77	407
PERFORMANCE BASELINE	14,546	39,502	1,475	1,318	3,709	3,973	1,999	1,065	68,111
RL Direct Funded			79	100	100	100	100	100	598
Escalation					2	4	6	9	21
TP11 TOTAL	14,546	39,502	1,554	1,418	3,811	4,077	2,105	1,174	68,730

TABLE 1.2 FFTF COSTS BY FISCAL YEAR

	FY 1997 Actuals	FY 1998 Actuals	FY 1999 Actuals	FY 2000	FY 2001	FY2002	FY 2003	FY 2004		LIFE CYCLE
FFTF Costs	28,433		37,267	41,812	TBD	TBD	TBD	TBD		TBD
Escalation										
PERFORMANCE BASELINE	28,433		37,267	41,812						
Spare Parts Transfer	9,804									
RL Direct Funded			77	98						
Escalation										
NE TOTAL	38,237	0	37,344	41,910						

2.0 TECHNICAL BASELINE

2.1 Mission

The Advanced Reactors Transition (ART) Program has two missions. One, funded by DOE-EM is to transition assigned, surplus facilities to a safe and compliant, low-cost, stable, deactivated condition (requiring minimal surveillance and maintenance) pending eventual reuse or D&D. Facilities to be transitioned include the 309 Building / Plutonium Recycle Test Reactor (PRTR) and Nuclear Energy Legacy facilities. This mission is funded through the Environmental Management (EM) Project Baseline Summary (PBS) RL-TP11, "Advanced Reactors Transition."

The second mission, funded through the Office of Nuclear Energy, Science and Technology (DOE-NE), is maintaining the Fast Flux Test Facility (FFTF), the Fuels and Materials Examination Facility (FMEF), and affiliated 400 Area buildings in a safe and compliant standby condition. This mission is to preserve the condition of the plant hardware, software, and personnel in a manner not to preclude a plant restart.

2.1.1 Background

The Secretary of Energy announced a decision on January 15, 1997, (Reference 6) directing that the FFTF is to be maintained in a standby condition to permit the U.S. Department of Energy (DOE) to make a decision on whether the facility should play a future role in the DOE dual track tritium production strategy. A decision was announced in March 1999 that the FFTF would not be included in the tritium mission options. However, an additional study was directed to further evaluate alternative missions to produce medical and other isotopes. On August 18, 1999, the Secretary of Energy announced that an EIS would be developed to consider the operation of the FFTF for isotope production. Notice of the intent to conduct a programmatic EIS was published in the Federal Register on September 15, 1999.

Direction to implement the FFTF Standby Program was provided from the DOE Richland Operations Office (RL) by Reference 7 and forwarded by the Project Hanford Management Contractor for action by Reference 8. The previous DOE directives (Reference 9 and Reference 10) regarding the shutdown of the FFTF are deferred by this decision.

The FFTF Standby Plan (Reference 1) defines the implementation of the DOE standby directives by the FFTF. The prior FFTF Stabilization Project Plan (Reference 11) has been placed on hold and was superseded by the issuance of the Standby Plan.

2.2 Scope

This revision of the RLS is based upon the technical scope in the latest revision of the following project and management plans.

Fast Flux Test Facility Standby Plan (Reference 1)

Hanford Site Sodium Management Plan (Reference 2)

309 Building Transition Plan (Reference 4)

The technical scope, cost, and schedule baseline is also in agreement with the concurrent revision to the ART Fiscal Year (FY) 2000 Multi-Year Work Plan (MYWP).

2.2.1 NE Legacies

The Nuclear Energy Legacy subproject will disposition the alkali metal test loops which were utilized in the development of liquid metal reactor systems technology. This subproject has been in progress since 1995 when "Environmental Assessment, Disposition of Alkali Metal Test Loops, Hanford Site, Richland, Washington," DOE/EA-0987 was issued.

Remaining scope to be accomplished is:

- Drain and clean the Composite Reactor Component Test Activity (CRCTA), which contains an estimated 2,800 gallons of sodium.
- Clean the two, previously drained, sodium tanks from 221-T.
- Clean the previously drained, 3718-M sodium storage tank.
- Clean the NaK residuals from the cold trap cooling system.
- Disposition sodium wetted components, such as valves from 337B, based on the FFTF mission decision.
- Remove and disposition the 337B Highbay cold trap.

NE Legacy objectives in FY 2000 are:
- Provide surveillance and maintenance of the 337B Highbay, 3718M storage tank building, and 335 Building.
- Clean the two, previously drained, sodium tanks from 221-T.

2.2.2 309 Building/PRTR

The 309 Building/PRTR subproject will stabilize the facility and configure it to require minimum surveillance and maintenance pending final decommissioning and demolition. This will involve sampling and characterization of the facility, removal and disposal of hazardous materials, and stabilization of residual contaminants. Specific activities remaining to be completed include:
- Stabilize the Transfer Waste Tanks and associated equipment
- Stabilize the fuel storage basin
- Stabilize the PRTR reactor cavity
- Stabilize the fuel transfer pit
- Clean out the balance of the containment
- Stabilize the HVAC stack and filter pit
- Upgrade the roof on the office/shop sections of the building to a sound condition

309 Building/PRTR objectives for FY 2000 are:
- Perform surveillance and maintenance of the 309 Building.
- Initiate cleanout and stabilization of the fuel transfer pit.

2.2.3 FFTF

The FFTF, being in a standby condition, has only the current year scope defined. The life-cycle scope will be determined based on the DOE record of decision expected in December 2000.

Near term FFTF objectives include:
- Maintain the health of the facility by performing scheduled preventive maintenance and prioritized corrective maintenance.
- Restore on-site back-up AC power generation capability.
- Complete the design for the Solid Waste Cask (SWC) repair. Restore the SWC to operable status in FY 2001.
- Complete CLEM control system upgrade acceptance testing field work.
- Complete the installation of upgrades to the Sodium Removal System controls, control panel C-1167. Restore the system to operable status prior to or concurrently with restoring the SWC to operable status.
- Support the DOE Programmatic Environmental Impact Statement (PEIS) process by providing requested planning information.

2.3 Assumptions
- The FFTF will remain in "standby" throughout FY 2000. Should the DOE issue a mission decision, necessary changes will be implemented by BCR.
- Tri-Party Agreement (TPA) milestones related to the FFTF have been placed "in abeyance" per approved TPA Change Request M-81-98-01. This change was approved August 24, 1999 and will be implemented by the project by BCR.

- The Hanford Site sodium related TPA milestones will be placed in abeyance also, per pending TPA change request.

2.4 Work Breakdown Structure

The separate budgeting processes for the two missions result in two separate and independent work breakdown structures. The NE Legacies and the 309 Building/PRTR, being EM activities, are a part of the Hanford Site Environmental Management work breakdown structure, 1.0. The FFTF scope, being budgeted from DOE-NE, is classified as "work for others" and is therefore grouped as a part of the "2.0" work breakdown structure.

Figure 2.1 shows the EM workscope under PBS RL-TP11.

Figure 2.2 shows the FFTF Work Breakdown Structure, starting at the FFTF level, 2.01.01.01.21.01.01. The levels above FFTF are:

2.	Work for Others
2.01	Headquarters (HQ)
2.01.01	PHMC
2.01.01.01	BWHC
2.01.01.01.21	Non-EM
2.01.01.01.21.01	FFTF Project

2.4.1 Work Breakdown Structure Dictionary

Each level of the work breakdown structures owned by ART is defined in the pages following the Work Breakdown Structure figures.

2.4.2 Responsibility Assignment Matrix

Table 2-1 designates the manager responsible for each element of the work breakdown structure.

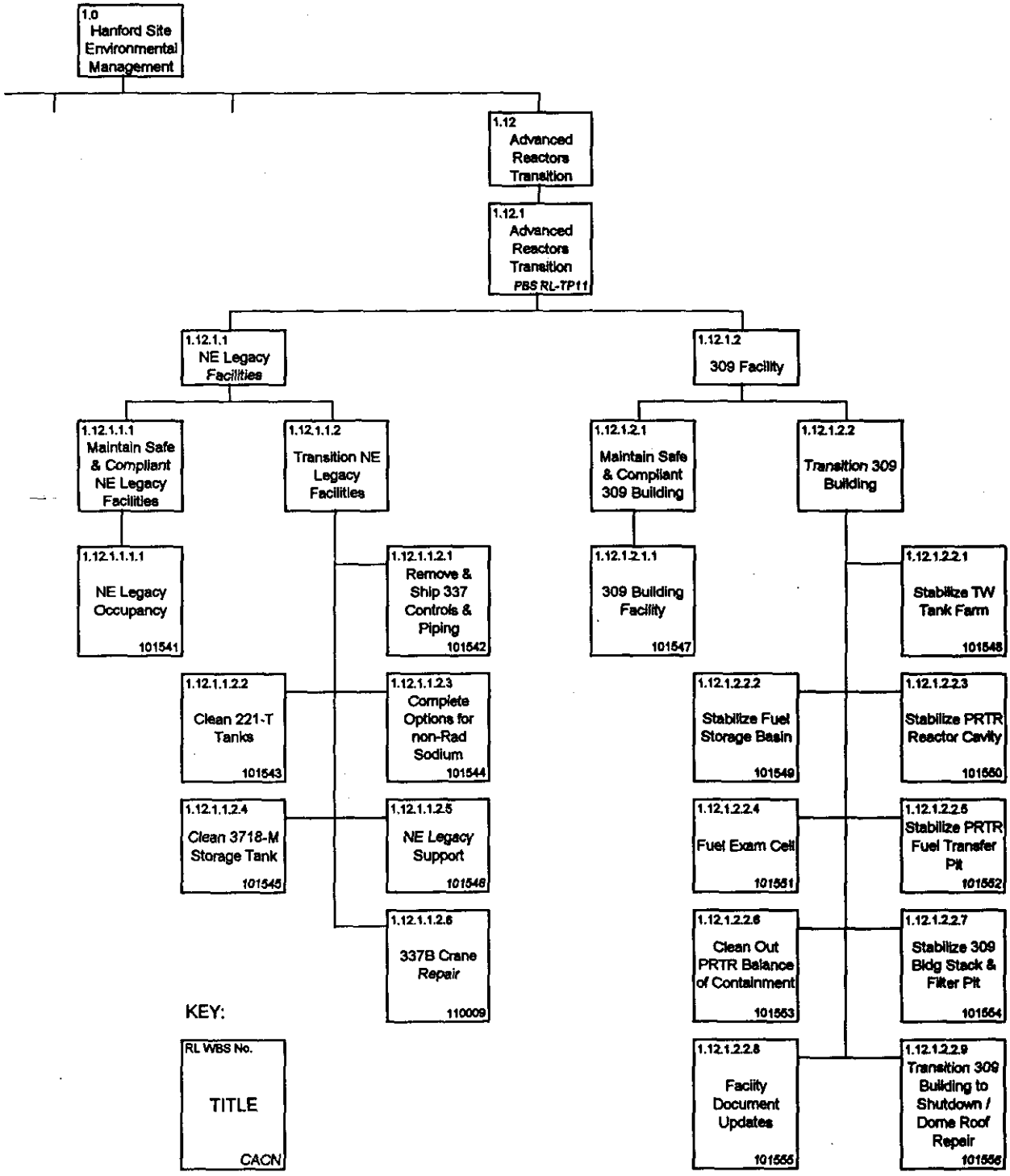

Figure 2.1 Advanced Reactors Transition (RL-TP11) Work Breakdown Structure

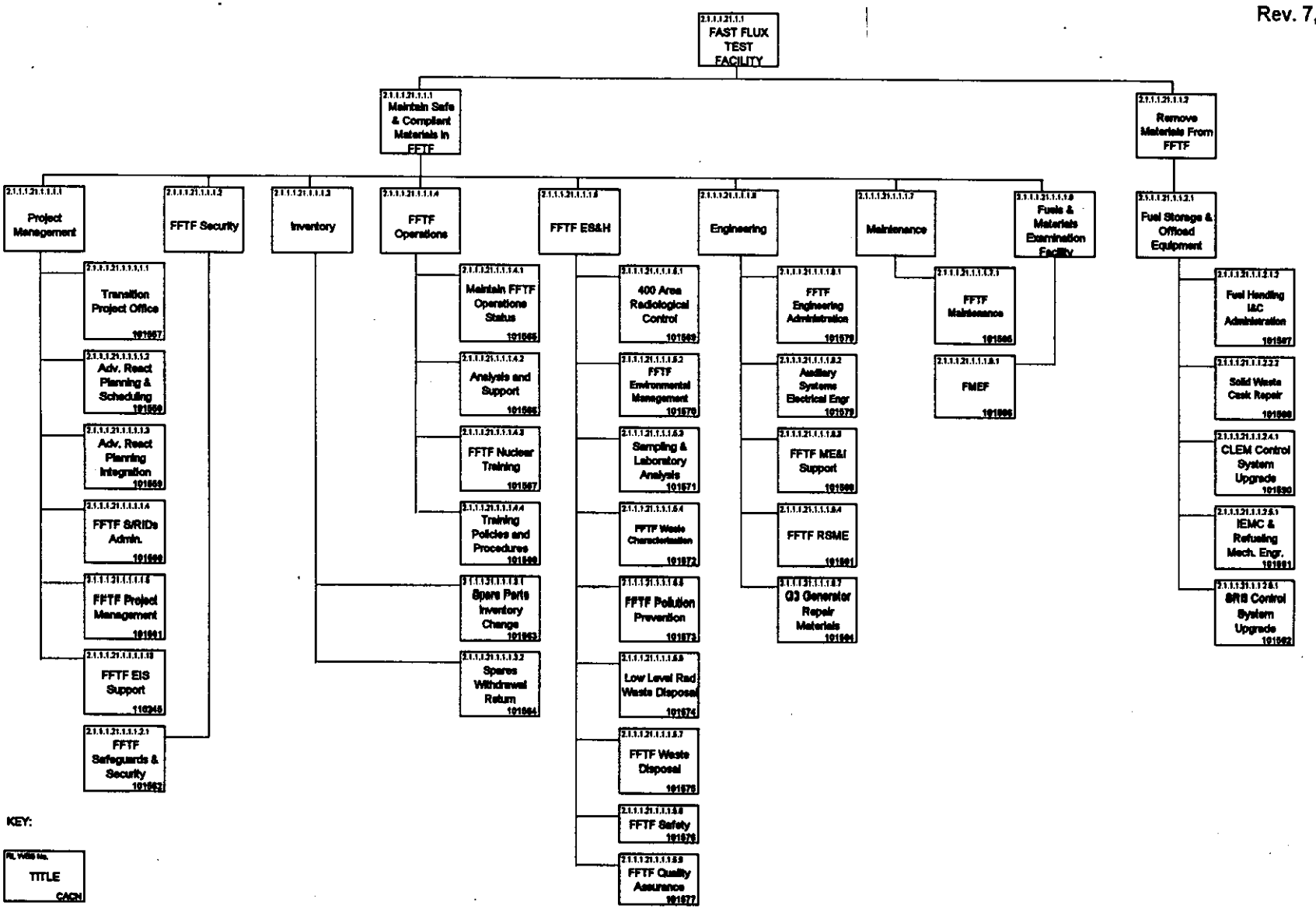

Figure 2.2 FFTF Work Breakdown Structure

Hanford Site Work Breakdown Structure Dictionary
Advanced Reactors Transition
WBS 1.12

Activity Title		Date:	PBS Number:	Dictionary Revision
Advanced Reactors Transition		8/31/98	RL-TP11	1
WBS Number	**Baseline CR No.**	**Organization Code**	**B&R Number:**	
1.12. 1		18000	EX04J102	

Scope of Work:

Advanced Reactors Transition maintains and performs deactivation of the NE Legacy Facilities and the 309 Building/Plutonium Recycle Test Reactor (PRTR). Maintaining these facilities will ensure safe and compliant operation of assigned facilities in the Hanford 300 Area. Deactivation activities will reduce the Hanford site mortgage associated with surplus facilities and may also contribute to the economic transition objectives by making facilities such as the 337 High Bay available for alternative usage.

Hanford Site Work Breakdown Structure Dictionary
Advanced Reactors Transition
WBS 1.12

Activity Title		Date:	PBS Number:	Dictionary Revision
NE Legacy Facilities		8/31/98	RL-TP11	0
WBS Number	**Baseline CR No.**	**Organization Code**	**B&R Number:**	
1.12. 1. 1		18200	EX04J102	

Scope of Work:

Maintain and perform deactivation of the NE Legacy Facilities. These facilities, used in the development of sodium system technology for design and operation of the Fast Flux Test Facility, include the 335 Building, the 3718M Building, and the 337 High Bay, all located in the southeast section of the 300 Area.

Sodium test systems in the 335 Building have been dismantled and the facility is being used for storage and staging of materials and equipment associated with the NE Legacy Facilities. The 3718M Building is a storage tank enclosure containing a 45,000 gallon tank. This tank has been drained of the bulk sodium and is held under inert gas blanket, pending final cleaning of sodium residuals. The 337 High Bay contains a developmental sodium test loop and partial FFTF reactor vessel mock-up containing an estimated 2,800 gallons of metallic sodium.

Hanford Site Work Breakdown Structure Dictionary
Advanced Reactors Transition
WBS 1.12

Activity Title		Date:	PBS Number:	Dictionary Revision
Maintain Safe & Compliant NE Legacy Facilities		8/31/98	RL-TP11	0
WBS Number	**Baseline CR No.**	**Organization Code**		**B&R Number:**
1.12.01.01.01		18200		EX04J102

Scope of Work:

Provide building management and operation for the 335, 337 High Bay, and 3718-M buildings and the sodium systems located in Building 337 High Bay basement and Building 3718M. Provide electrical power and electrical maintenance for buildings 335, 3718M, and 337 High Bay. Provide steam for the 337 High Bay through RL holdback of funds for "energy savings performance contract." Provide inert gas for sodium system protection. Provide building emergency organization support for buildings containing sodium.

Current Year Work
Surveillance and maintenance activities, as described above, will be performed.

Out-year Planning
Surveillance and maintenance activities, as described above, will be required until deactivation of the NE Legacy facilities is completed.

This WBS covers work necessary to support satisfying the following technical baseline requirements for the Hanford clean up mission:
- 300 Area facilities shall be surveilled and maintained within the approved safety envelope.

Key documents used for allocating Site requirements to this WBS include:

Name	Title
DOE/RL-96-92	Hanford Strategic Plan

Hanford Site Control Account Dictionary
Advanced Reactors Transition
WBS 1.12

Title:			Date:	PBS Number:	Dictionary Revision
NE Legacies Occupancy			9/29/98	RL-TP11	0
WBS Number:	**CAP Number:**	**CACN**	**Baseline CR No:**	**Organization Code:**	**B & R No:**
1.12.1.1.1.1	1B1C11	101541		18200	EX04J102

Scope of Work:

Provide Landlord services for the Building 337 Highbay and buildings 335 and 3718M.

Provide building management and operation for the 335, 337 Highbay, and 3718-M buildings and the sodium systems located in Building 337 Highbay basement and Building 3718M. Provide electrical power and electrical maintenance for buildings 335, 3718M, and 337 Highbay. Provide inert gas for sodium system protection. Provide building emergency support for buildings containing sodium. Write Auditable Safety Analysis for 337 Highbay. Ship drummed sodium and NaK vessels to commercial vendor or treatment center. Consolidate all remaining NE Legacies nonradioactive sodium in 337 highbay.

Provide steam for the 337 Highbay through RL holdback of funds for "energy savings performance contract." (Note: This cost is not included in the "Cost Target.")

This scope includes an apportioned share of PHMC fee associated with NE Legacies work scope.

Deliverables/Milestones: (Item/Date)

Annual update of the Building Administration Manual – 9/30/99
Complete Auditable Safety analysis for 337 highbay – 12-31-98
Consolidate all remaining NE Legacies nonradioactive sodium in 337 highbay – 12-31-98
Ship drummed sodium and NaK cylinders to commercial vendor or treatment center – 9-30-99

Cost Target: (Thousands of dollars)

$387

Project Manager's Signature	Control Account Manager's Signature
R. K. Hulvey	W.F. Brehm

Hanford Site Work Breakdown Structure Dictionary
Advanced Reactors Transition
WBS 1.12

Activity Title		Date:	PBS Number:	Dictionary Revision
Transition NE Legacy Facilities		8/31/98	RL-TP11	0
WBS Number	Baseline CR No.	Organization Code	B&R Number:	
1.12.01.01.02		18200	EX04J102	

Scope of Work:

Provide management, technical lead and coordination for the disposition of the non-reactor NE facilities.

The scope of this effort includes: development and implementation of the plans to eliminate NE programs legacies; implementation of the Sodium Management Plan reflecting coordination with DOE and WA-Ecology and addressing potential RCRA issues and applicability; disposition of excess material associated with these facilities. Approximately 50,000 gallons of alkali metal must be dispositioned from various test loops and storage tanks. These include a 5,000 gallon tank in the 100 DR area, the Containment Systems Test Facility in the 200 West area and in the 300 Area a 50,000 gallon storage tank, two small test loops, and the Composite Reactor Test Activity, which contains an estimated 3,000 gallons of sodium.

Current Year Work

Only about 3,000 gallons of this sodium remains to be dispositioned and all of it is in the 337-B high bay or the 3718-M drain tank. During FY 2000, the residual sodium will be cleaned from the 221-T storage tanks, and the sodium wetting station. The systems will be established in a safe, laid-up condition pending priority to complete cleanout of the Composite Reactor Component Test Activity and the associated piping, and the 3718-M drain tank residuals.

Out-year Planning

The High Temperature Sodium Facility, including the Composite Reactor Component Test Activity (CRCTA), its cold trap, and interconnecting piping must be dispositioned. The piping will be removed, cut up, packaged, and shipped off site for disposal. The CRCTA vessel will be drained, if necessary, before it and the 3718-M storage tank are cleaned in place to remove sodium residuals. The cold trap will be removed and dispositioned. This work is estimated to require about 3-1/2 years to complete.

This WBS covers work necessary to support satisfying the following technical baseline requirements for the Hanford clean up mission:

- Disposal of Alkali Metal Test Loops will comply with DOE/EA-0987
- High cost surplus facilities and systems shall be transitioned to a low cost, stable, deactivated condition.
- Facilities and systems shall be made available for other uses.
- Complete acquisition of new facilities, modification of existing facilities, and/or modification of planned facilities necessary for the storage, treatment/processing, and disposal of Hanford Site Sodium (Na). [Due Date: TBD]
- TPA Milestone M-92-10, Submit Hanford Site sodium project management plan (PMP) to Ecology pursuant to agreement action plan section 11.5. [Due Date: October 1998]
- Complete disposition options for all Hanford non-radioactive sodium. [Due Date: 3/31/2002]
-

Key documents used for allocating Site requirements to this WBS include:

Name	Title
DOE/EA-0987	Disposition of Alkali Metal Test Loops, Hanford Site, Richland, Washington
DOE/EIS-0222D	Draft Hanford Remedial Action Environmental Impact Statement and Comprehensive Land Use Plan
DOE/RL-89-10	Hanford Federal Facility Agreement and Consent Order (Tri-Party Agreement), Revision 5
DOE/RL-96-92	Hanford Strategic Plan

Hanford Site Work Breakdown Structure Dictionary
Advanced Reactors Transition
WBS 1.12

Title:				Date:	PBS Number:	Dictionary Revision:
Clean 221-T Tanks				9/27/99	RL-TP11	0
WBS Number:	**CAP Number:**	**CACN**	**Baseline CR No:**		**Organization Code:**	**B & R No:**
1.12.1.1.2.2	1B1C22	101543			18200	EX04J102

Scope of Work:

This scope relates to two sodium storage tanks previously removed from 221-T Building during deactivation of the Containment Systems Test Facility. The bulk sodium has been drained from these tanks and shipped off site.

Clean the sodium residuals from the two tanks using the moist nitrogen vapor process. Concentrated caustic will be removed and used as product. The final rinse water will be sampled and verified acceptable for disposal through the 300 Area process sewer.

The two tanks will be empty, clean, and in condition for excess or reuse.

Deliverables/Milestones: (Item/Date)

The two tanks will be empty, clean, and in condition for excess or reuse.

Project Manager's Signature	Control Account Manager's Signature
R. K. Hulvey	W. F. Brehm

Hanford Site Work Breakdown Structure Dictionary
Advanced Reactors Transition
WBS 1.12

Activity Title		Date:	PBS Number:	Dictionary Revision
309 Building / Plutonium Recycle Test Reactor		8/31/98	RL-TP11	0
WBS Number	Baseline CR No.	Organization Code	B&R Number:	
1.12. 1. 2		19100	EX04J102	

Scope of Work:

The PRTR/309 Building work scope includes the surveillance and operation of the facility subject to DOE Orders and federal codes for radiological facilities. The deactivation and compliance activities prepare the building for acceptance by EM-40 for long-term surveillance and maintenance pending decontamination and decommissioning. Activities will dispose of equipment, components, and waste products associated with the PRTR reactor systems, including all nonessential systems (e.g., heating ventilating and air conditioning (HVAC), electrical distribution, monitoring, and fluid), which will be shutdown and drained or de-energized. The process, laboratory, and office areas of the facility will be secured to convert the facility to a minimum safe S&M condition for turnover to an ERC for long-term interim surveillance preparatory to a final D&D phase.

Hanford Site Work Breakdown Structure Dictionary
Advanced Reactors Transition
WBS 1.12

Activity Title		Date:	PBS Number:	Dictionary Revision
Maintain Safe & Compliant 309 Facility		8/31/98	RL-TP11	0
WBS Number	**Baseline CR No.**	**Organization Code**	**B&R Number:**	
1.12.01.02.01		19100	EX04J102	

Scope of Work:

Provides building administration, building operations, maintenance, and safety analysis.

Building administration includes work management using the JCS system, lock and tag administration, property protection, emergency planning, facility access control, facility orientation and maintenance of the shutdown log.

Building operations includes paying utility bills, maintaining safe conduct of operations, and surveillance. Surveillance includes routine radiation protection surveys, operations checks, housekeeping and safety inspections and compliance assurance.

Maintenance includes preventive and corrective maintenance activities to ensure the building's safety envelope is adequate during the transition activities. It also includes input into the maintenance section of the building's D&D plan.

Current Year Work
Surveillance and maintenance activities, as described above, will be performed.

Out-year Planning
Surveillance and maintenance activities, as described above, will be required until deactivation of the 309 Facility is completed.

This WBS covers work necessary to support satisfying the following technical baseline requirements for the Hanford clean up mission:
- South 600 Area gaseous effluent releases shall be monitored.
- 300 Area facilities shall be surveilled and maintained within the approved safety envelope.
-

Key documents used for allocating Site requirements to this WBS include:

Name	Title
DE-AC06-96RL13200	Project Hanford Management Contract, Fluor Daniel Hanford, Inc.
DOE/RL-96-92	Hanford Strategic Plan

Hanford Site Control Account Dictionary
Advanced Reactors Transition
WBS 1.12

Title:			Date:	PBS Number:	Dictionary Revision
309 BUILDING FACILITY			9/29/98	RL-TP11	0
WBS Number:	**CAP Number:**	**CACN**	**Baseline CR No:**	**Organization Code:**	**B & R No:**
1.12.1.2..1.1	1B1D01	101547		19100	EX04J102

Scope of Work:

S&M activities include building administration, building operations, maintenance, and safety analysis.

Building administration consists of work management using the Job Control System (JCS), lock and tag administration, property protection, emergency planning, facility access control, personnel training and facility orientation .

Building operations consists of utility assessments, management assessments, procedure maintenance, maintaining safe conduct of operations, and surveillance. Surveillance includes routine radiation protection surveys, operations checks, housekeeping and safety inspections and compliance assurance.

Maintenance includes preventive and corrective maintenance activities to ensure the building's safety envelope is adequate during the transition activities. It also includes input into the maintenance section of the building's D&D plan.

This scope includes an apportioned share of PHMC fee associated with PRTR work scope.

Deliverables/Milestones: (Item/Date)

No discrete deliverables.

Cost Target: (Thousands of dollars)

$876

Project Manager's Signature	Control Account Manager's Signature
R. K. Hulvey	I. L. Metcalf

Hanford Site Work Breakdown Structure Dictionary
Advanced Reactors Transition
WBS 1.12

Activity Title		Date:	PBS Number:	Dictionary Revision
Transition 309 Facility		8/31/98	RL-TP11	0
WBS Number	**Baseline CR No.**	**Organization Code**		**B&R Number:**
1.12. 1. 2. 2		19100		EX04J102

Scope of Work:

Deactivation activities to be accomplished include disposition of the underground emergency diesel fuel oil tank; characterize, cleanout, and stabilize the Transfer Waste Tank farm, the Rupture Loop Annex, the Fuel Storage Basin, the Fuel Examination Cell, the Fuel Transfer Basin and Fuel Transfer Pit, the PRTR reactor cavity and the containment building; configure surveillance lighting; replace the H&V system HEPA filters, characterize, clean out and shutdown the 309-PRTR stack; disconnect and cap sanitary and process sewer lines; remove asbestos bearing coatings from the external surface of the dome and stabilize other friable asbestos materials; and upgrade the roof on other parts of the building. Completion reports will be prepared for key activities.

The facility Safety Basis document will be formatted in the Auditable Safety Analysis style to be consistent with the graded approach philosophy of a radiological facility rather than a nuclear facility.

Current Year Work
309 Building efforts in FY 2000 will focus on clean-out of the Reactor Cavity and beginning clean-out of the Fuel Transfer Pit. The "309 Facility Deactivation and Decommisioning Criteria Completion Check Lists," WHC-SD-NEL-RD-001 will be maintained current with the ERC as progress continues toward final deactivation and turnover.

Out-year Planning
Clean out, characterization and stabilization will continue on an area-by-area basis. This is scheduled to complete the transition checklist, for turnover to the ERC in another 3-years.

This WBS covers work necessary to support satisfying the following technical baseline requirements for the Hanford clean up mission:
- High cost surplus facilities and systems shall be transitioned to a low cost, stable, deactivated condition.
- Facilities and systems shall be made available for other uses.
- Facilities shall be transitioned to the surveillance and maintenance phase when no longer required to support the site mission.
- The Contractor shall safely and efficiently manage the deactivation of the 309 Building and associated facilities in the 300 Area whose mission was the space power program. The program will disposition nuclear material in these facilities. As the material is removed, each facility will be deactivated to reduce risk and attain the lowest surveillance and maintenance cost to a condition ready for disposition.
  - The contractor shall clean-up the nuclear waste and stabilize the 309 Building and surrounding area such that the closure of the 309 Building can be accomplished.
-

Key documents used for allocating Site requirements to this WBS include:

Name	Title
DE-AC06-96RL13200	Project Hanford Management Contract, Fluor Daniel Hanford, Inc.
DOE/EIS-0222D	Draft Hanford Remedial Action Environmental Impact Statement and Comprehensive Land Use Plan
DOE/RL-96-92	Hanford Strategic Plan

Hanford Site Control Account Dictionary
Advanced Reactors Transition
WBS 1.12

Title:			Date:	PBS Number:	Dictionary Revision:
Stabilize PRTR Fuel Transfer Pit			9/27/99	RL-TP11	0
WBS Number:	**CAP Number:**	**CACN**	**Baseline CR No:**	**Organization Code:**	**B & R No:**
1.12.1.2.2.5		101552		19100	EX04J102

Scope of Work:

Survey and characterize the fuel transfer pit. As necessary, remove loose material and contamination; dispose of contaminated materials. Document the final condition of the fuel transfer pit.

The fuel transfer pit characterization was completed in 1998. (See HNF-2371.)

The areas documented by the report are the Fuel Transfer Pit (FTP) and Fuel Storage Basin (FSB). The FTP has had all fuel handling equipment removed. The FTP has some debris on the floor, with minor pieces of equipment left in it. It also has an estimated 95 L (25 gal) of water on the floor and in its drainpipe. The associated Hoist Pit still contains the motor, hoist spool, and cable used to transfer fuel between the FTP and the FSB.

Radiological Summary - the FTP has varying amounts of smearable contamination. There is 8.0 mR/hr dose at the FTP floor. The most common isotope is 137Cs, which was seen in virtually every sample. 90Sr was found in every sample taken in the FTP, indicating the room was probably not washed down after equipment removal. The FTP has an associated Hoist Pit that was opened up and characterized. It contains a cable hoist and the cable. This little pit is also contaminated with 137Cs and 90Sr. Contamination was concentrated on the wire cable and reel.

Chemical Summary - The FTP has about 1/2" to 1" of water on the floor, with sludge underneath it. The water is not regulated under RCRA, but the sludge is regulated for lead (Pb) under RCRA. Beryllium was not detected in the FTP sludge or water.

Recommendation - The FTP needs to be drained and cleaned. Contamination stabilization is not recommended since this space is so inaccessible.

Deliverables/Milestones: (Item/Date)

Drain and clean the FTP. (This scope is projected to continue into FY 2001.)

Cost Target: (Thousands of dollars)

110 (FY 2000 only)

Project Manager's Signature	*Control Account Manager's Signature*
R. K. Hulvey	I. L. Metcalf

Hanford Site Work Breakdown Structure Dictionary
FFTF Project
WBS 2.01.01.01.21.01

Activity Title		Date:	PBS Number:	Dictionary Revision
FFTF Project		8/31/98	MS01	0
WBS Number	**Baseline CR No.**	**Organization Code**	**B&R Number:**	
2.01.01.01.21.01		18000	AF79	

Scope of Work:

The Fast Flux Test Facility (FFTF) Project is responsible to maintain the FFTF and support facilities in a safe and compliant condition. The condition of the plant hardware, software, and personnel will be preserved in a manner not to preclude a plant restart.

Maintain the Fast Flux Test Facility and associated facilities in a standby condition while an evaluation is conducted of any future role that the facility might have in the Department's isotope production strategies.

The surveillance and maintenance (S&M) of facilities and plant systems will be performed to comply with federal and state safety requirements. In the standby condition, S&M of the FFTF shall have additional objectives to ensure that there is: (a) no degradation of key plant systems; (b) retention of the authorization basis and configuration control; (c) maintenance of key staffing, qualifications, and training.

In addition, deactivation activities continue, consistent with maintaining standby, such as cleaning and storing of spent fuel and other reactor components, maintaining equipment required for deactivation, and completing the planning necessary to resume an orderly transition to shutdown (if appropriate.).

Hanford Site Work Breakdown Structure Dictionary
FFTF Project
WBS 2.01.01.01.21.01

Activity Title		Date:	PBS Number:	Dictionary Revision
FFTF		8/31/98	MS01	0
WBS Number	**Baseline CR No.**	**Organization Code**	**B&R Number:**	
2.01.01.01.21.01.01		18000	AF79	
Scope of Work:				

The Fast Flux Test Facility (FFTF), located in the 400 Area, includes the FFTF reactor facility, the Fuels and Materials Examination Facility (FMEF), and supporting facilities. Work included in this scope includes maintaining safe and complaint material (control of nuclear materials) and removing nuclear materials from the FFTF.

Once the FFTF has completed any future operational mission and is directed to be shutdown, additional activities, consistent with the "post-operations" phase of the lifecycle will be performed. These activities will include the functions of maintaining safe and compliant facilities and transitioning the FFTF to a shutdown condition.

Hanford Site Work Breakdown Structure Dictionary
FFTF Project
WBS 2.01.01.01.21.01

Activity Title		Date:	PBS Number:	Dictionary Revision
Maintain Safe & Compliant Materials in FFTF		8/31/98	MS01	0
WBS Number	**Baseline CR No.**	**Organization Code**	**B&R Number:**	
2.01.01.01.21.01.01.01		18000	AF79	

Scope of Work:

This WBS maintains the Fast Flux Test Facility and associated facilities in a standby condition while an evaluation is conducted of any future role that the facility might have in the Department's isotope production strategy.

The surveillance and maintenance (S&M) of facilities and plant systems will be performed to comply with federal and state safety requirements. Activities will include required project planning and management, operation and monitoring of plant systems and components, monitoring of regulated effluent streams, safeguarding nuclear materials, maintaining the design of the FFTF plant systems and components, and maintaining equipment and systems operational. In the standby condition, S&M of the FFTF shall have additional objectives to ensure that there is: (a) no degradation of key plant systems; (b) retention of the authorization basis and configuration control; (c) maintenance of key staffing, qualifications, and training.

Program planning activities include the preparation of budget documents, program plans, and schedules. Performance to these plans and schedules will be monitored and managed.

Support will be provided to the preparer of the Environmental Impact Statement for operation of the Fast Flux Test Facility

Current Year Work
Surveillance and maintenance activities, as described above, will be performed.
Out-year Planning
TBD. Out-year activities will be determined based on the assigned mission.

This WBS covers work necessary to support satisfying the following technical baseline requirements for the Hanford clean up mission:

- Spent fuels (light water reactor) shall be moved from the 400 Area interim storage to the Central Plateau Interim Storage.
-

Key documents used for allocating Site requirements to this WBS include:

Name	Title
DOE/RL-96-92	Hanford Strategic Plan

Hanford Site Control Account Dictionary
Advanced Reactors Transition
Fast Flux Test Facility
WBS 2.01.01.01.21.01.01

Title:			Date:	PBS Number:	Dictionary Revision
Transition Project Office			9/29/98	RL-MS01	0
WBS Number:	**CAP Number:**	**CACN**	**Baseline CR No:**	**Organization Code:**	**B & R No:**
2.1.1.1.21.1.1.1.1	1B1030	101557		18300	AF79

Scope of Work:

Provide overall management direction and administrative/clerical support for the ART/FFTF program management efforts. This includes all financial activities, planning and scheduling, special studies, reviews, etc. for ART/FFTF, the contractor, and RL. Provide onsite and offsite training to meet requirements for current job assignments for the TPO staff. As directed, provide oversight and integration of the Integrated Safety Management (ISM) System Plan at FFTF; support special safety initiatives related to ISM.

Administer the project's Safety First Program and Safety Improvement Plan.

Provide the FFTF portion of the PHMC award fee pool; administer the ART Performance Expectation Plan.

Provide weekly project status reports.

Provide funding for the WMH core group responsible for corrective action management tracking.

Deliverables/Milestones: (Item/Date)

Issue weekly project status reports.

Conduct monthly program performance review meetings.

Issue quarterly reports on the project's Safety First Program and Safety Improvement Plan.

Conduct monthly reviews of TPO training status; maintain training delinquencies at zero.

Cost Target: (Thousands of dollars)

$3,006

Program Manager's Signature	Control Account Manager's Signature
R. K. Hulvey	R. K. Hulvey

Hanford Site Control Account Dictionary
Advanced Reactors Transition
Fast Flux Test Facility
WBS 2.01.01.01.21.01.01

Title:			Date:	PBS Number:	Dictionary Revision
Advanced Reactors Planning and Scheduling			9/29/98	RL-MS01	0
WBS Number:	**CAP Number:**	**CACN**	**Baseline CR No:**	**Organization Code:**	**B & R No:**
2.1.1.1.21.1.1.1.1.2	1B1033	101558		18300	AF79

Scope of Work:

Provide management oversight of schedule development/maintenance, nuclear material accountability (includes LMSI support of the RICS, and T-3/DSWC/ISC trailer maintenance), and corrective action management at FFTF. This includes:

Develop and maintain all long range resource loaded schedules for the project and their interface with the PHMC financial system utilizing the site standard P-3 software. Assist in the development and implement Baseline Change Requests.

Collect data and provide monthly progress update of scheduled performance to the financial system.

Support the FFTF Standby Project Office by developing various schedule and budget scenarios for shutdown, start-up, and continued standby.

Develop and maintain all fuel handling plans (Detailed Refueling Plans and IEM Cell Work Plans) for the FFTF, obtain computer support services to maintain the Refueling Inventory Control System (RICS) software and database.

Provide all Nuclear Material Control and accountability for the 400 Area. Provide field support for various fuel handling and Nuclear Materials Control activities.

Provide maintenance for the specialized trailers used to move nuclear material casks.

Provide leadership to the FFTF Deficiency Evaluation Group and serve as the facility Point of Contact to interface with the site corrective action management organization.

Deliverables/Milestones: (Item/Date)

Monthly reports on cost and schedule performance

Monthly corrective action management reports to the Project Director

Annual inspection of Interim Storage Cask Tamper Indicating Devices.

Cost Target: (Thousands of dollars)

$900

Program Manager's Signature	Control Account Manager's Signature
R. K. Hulvey	W. V. Witherspoon

Hanford Site Control Account Dictionary
Advanced Reactors Transition
Fast Flux Test Facility
WBS 2.01.01.01.21.01.01

Title:			Date:	PBS Number:	Dictionary Revision
Advanced Reactors Planning Integration			9/29/98	RL-MS01	0
WBS Number:	**CAP Number:**	**CACN**	**Baseline CR No:**	**Organization Code:**	**B & R No:**
2.1.1.1.21.1.1.1.1.3	1B1035	101559		18300	AF79

Scope of Work:

Prepare budget and planning documents, including the Multi-Year Work Plan, Project Baseline Summary (PBS), Field Work Proposal, and Integrated Priority List inputs. Maintain the baseline documents current through baseline change control.

Monitor and report on project performance. Coordinate and chair the monthly Program Review meetings.

Maintain the FFTF Safety Authorization Basis documents. This includes TPO actions to develop changes to maintain the FFTF and FSF safety analysis reports, Technical Specifications, and Criticality Specifications. This is primarily the administrative functions and general FSAR support to the plant. (Development of FSAR ECNs in support of plant modifications or other specific work, should be charged to that scope of work.) Develop and maintain the FFTF Authorization Agreement (AA) and the Authorization Envelop for the project buildings not included within the AA.

Respond to management requests, particularly from FDH and RL, to provide presentation materials, evaluation of project related information, and response to "what-ifs." These requests often respond to HQ requests and require immediate response.

Collect requested data and provide input to Site Systems Engineering group for inclusion in the Hanford Site Technical Database (HSTD), Hanford Site Environmental Management Specification (HSEMS), PBSs and MYWP. Provide quarterly reporting on performance metrics. Review, verify, and correct Site Systems Engineering outputs related to FFTF and Advanced Reactors Transition.

Provide Cost Account Manager for the Safeguards and Security cost account.

Deliverables/Milestones: (Item/Date)

Budget documents, PBS, Field Work Proposal, IPL / in accordance with FDH & RL call letters

FY 2001Multi-Year Work Plan approved / 9/30/2000

Annual update issued to the FFTF FSAR

Authorization Agreement and Authorization Envelop

Cost Target: (Thousands of dollars)

$508

Program Manager's Signature	Control Account Manager's Signature
R. K. Hulvey	D. A. Gantt

Hanford Site Control Account Dictionary
Advanced Reactors Transition
Fast Flux Test Facility
WBS 2.01.01.01.21.01.01

Title:			Date:	PBS Number:	Dictionary Revision
FFTF S/RIDs Administration			9/29/98	RL-MS01	0
WBS Number:	**CAP Number:**	**CACN**	**Baseline CR No:**	**Organization Code:**	**B & R No:**
2.1.1.1.21.1.1.1.1.4	1B1018	101560		18300	AF79

Scope of Work:

Administer the FFTF Internal Assessment and S/RID programs. This includes scheduling, tracking, and performing various assessments, processing changes to the requirement and implementation databases and other administrative and coordination functions. Perform scheduled S/RID Phase II assessments and submit reports to the FFTF Project Director.

Processing an S/RID update includes updating the requirements database, obtaining FDH interpretive authority approval, and transmitting the update to RL for review and approval. After RL approval of S/RID requirements, a Phase 1 assessment of the revised S/RID will be completed and the Phase 2 assessment long range schedule will be revised.

Perform special assessments in the following areas: Electrical Safety Requirements in Work Packages,

Lock and Tag Program, the USQ Evaluation Program, and other special assessments identified by management

Perform Management Assessments (HNF-PRO-246, "Management Assessment") as scheduled on the annual FFTF Management Assessment plan.

Deliverables/Milestones: (Item/Date)

S/RID Update forwarded to FDH Project Direction by 11/15/99.
Complete S/RID Update Phase 1 assessment on changes 60 days after approval of S/RID Update.
Complete planned S/RID assessments

- 7 S/RID Sections 1st qtr FY00 reports due out 1/3/00
- 12 S/RID Sections 2nd qtr FY00 reports due out 4/3/00
- 10 S/RID Sections 3rd qtr FY00 reports due out 7/5/00
- 11 S/RID Sections 4th qtr FY00 reports due out 10/2/00

Complete planned Management Assessments

- ISMS Readiness Review complete as necessary to support Hanford ISMS implementation plan (estimated 3/27/00)
- Summary review of Critical Characteristics for CGI due 3/1/00
- Configuration Management Baseline due 4/30/00
- AJHA Implementation due 6/30/99
- Pre-FEB Assessment due 8/31/00

Complete quarterly summary reports of Assessment program (goal due dates for qtrly summary reports

- 4th qtr FY99 is 11/15/99,
- 1st qtr FY00 is 2/15/00,
- 2nd qtr FY00 is 5/15/00, and
- 3rd qtr FY00 is 8/15/00)

Cost Target: (Thousands of dollars)

$258

Program Manager's Signature	Control Account Manager's Signature
R. K. Hulvey	W. L. Marshall

Hanford Site Control Account Dictionary
Advanced Reactors Transition
Fast Flux Test Facility
WBS 2.01.01.01.21.01.01

Title:			Date:	PBS Number:	Dictionary Revision
FFTF Project Management			9/29/98	RL-MS01	0
WBS Number:	**CAP Number:**	**CACN**	**Baseline CR No:**	**Organization Code:**	**B & R No:**
2.1.1.1.21.1.1.1.1.5	1B1000	101561		18000	AF79

Scope of Work:

Provide management direction from the FFTF Standby Project Office (SPO), which includes the PNNL Director and the FDH Deputy Director. The SPO provides overall coordination and interface with DOE in maintaining the FFTF in Standby and supporting special studies for potential missions.

Provide executive direction of the FFTF Project. The FFTF Project Director and Deputy Director (vacant) are responsible for the direction of the FFTF Project and the Advanced Reactors Program. This includes secretarial support and control of all project travel.

Provide Business Integration support for the ART Program. This includes financial analysis, budget planning, contract administration, performance reporting, and administration of change control, milestones and other project support functions.

Ensure the maintenance of FFTF core physics codes in a reusable condition. This includes migration to an available, functioning computer system and leasing of those computers.

Deliverables/Milestones: (Item/Date)

Periodic executive reporting and special studies to senior contractor management and DOE.

Monthly project status reporting to contractors and DOE including staffing, milestones, Hanford Site Performance Report.

Monthly performance reports, Project Tracking System, change control reports, and subcontract reporting and invoice
review and approval.

Cost Target: (Thousands of dollars)

$1,104

Program Manager's Signature	Control Account Manager's Signature
R. K. Hulvey	J. R. Montano

Hanford Site Control Account Dictionary
Advanced Reactors Transition
Fast Flux Test Facility
WBS 2.01.01.01.21.01.01

Title:			Date:	PBS Number:	Dictionary Revision
FFTF EIS Support			9/29/98	RL-MS01	0
WBS Number:	**CAP Number:**	**CACN**	**Baseline CR No:**	**Organization Code:**	**B & R No:**
2.1.1.1.21.1.1.1.1.13	1B1009	110245		18300	AF79

Scope of Work:

Provide response to requests from the PEIS preparer for information regarding the FFTF, as necessary.

The full scope of this WBS Element will be evaluated and controlled once the PEIS scope and FFTF support requirements are defined.

Deliverables/Milestones: (Item/Date)

Not defined.

Cost Target: (Thousands of dollars)

$383

Program Manager's Signature	Control Account Manager's Signature
R. K. Hulvey	S. Guttenberg

Hanford Site Control Account Dictionary
Advanced Reactors Transition
Fast Flux Test Facility
WBS 2.01.01.01.21.01.01

Title:			Date:	PBS Number:	Dictionary Revision
FFTF Safeguards and Security			9/29/98	RL-MS01	0
WBS Number:	**CAP Number:**	**CACN**	**Baseline CR No:**	**Organization Code:**	**B & R No:**
2.1.1.1.21.1.1.1.2.1	1B1015	101562		18000	AF79

Scope of Work:

Provide 24-hour per day, seven-day per week security for FFTF materials and property.

Provide the necessary guidance to the Hanford Patrol forces to maintain the normal day-to-day FFTF Project security. Maintain the Patrol readiness to be able to respond to emergent security events at FFTF or FFTF managed areas. Support FFTF during access control system failures, the annual Force-on-Force exercise (if directed), and other emergent needs for extra Patrol support above the normal day-to-day FFTF Project security.

Monitor access control and the safeguards methodologies for special nuclear material (SNM) at the FFTF material balance areas (MBAs), and monitor the performance of SNM physical inventories. Maintain and operate a computer system to account for FFTF SNM. Provide and monitor the utilization of Tamper Indicating Devices (TIDs) and other means for safeguards control.

Provide a Security Representative and management oversight in the development and implementation of the Site physical security program as it applies to FFTF. Coordinate Hanford Patrol support, access control, policy reviews, security system performance testing, interface with RL Safeguards and Security (SAS), employee security awareness, etc.

Conduct performance testing of protection systems. Conduct Category I and II material balance area (MBA) audits. Review and update the SAS Management Report (SSMR), the vulnerability/risk analysis report (VA), and any other SAS reviews requested by the FFTF Project.

Provide the maintenance of SAS and access control systems as required to ensure compliance with the requirements for protection of special nuclear material, classified matter, and government property. The scope includes both preventive and remedial maintenance. As required, minor system engineered and installed operational revisions shall be implemented/controlled.

Deliverables/Milestones: (Item/Date)

Annual VA update
Performance Testing Planning Documentation
Performance Testing Result Evaluation(s)
Emergent SAS Reviews

Cost Target: (Thousands of dollars)

$4,436

Program Manager's Signature	Control Account Manager's Signature
R. K. Hulvey	D. A. Gantt

Hanford Site Control Account Dictionary
Advanced Reactors Transition
Fast Flux Test Facility
WBS 2.01.01.01.21.01.01

Title:			Date:	PBS Number:	Dictionary Revision
Spare Parts Inventory Change			9/29/98	RL-MS01	0
WBS Number:	**CAP Number:**	**CACN**	**Baseline CR No:**	**Organization Code:**	**B & R No:**
2.1.1.1.21.1.1.1.3.1	1B130K	101563		18000	AF79

Scope of Work:

Provides funding for the net value change in the inventory of reserve spare parts for FFTF, MASF, FMEF, and Security spares. No labor is funded in this account.

Deliverables/Milestones: (Item/Date)

No discrete deliverables.

Cost Target: (Thousands of dollars)

$149

Program Manager's Signature	Control Account Manager's Signature
R. K. Hulvey	J. R. Montano

Title:			Date:	PBS Number:	Dictionary Revision
Spares Adjustments			9/29/98	RL-MS01	0
WBS Number:	**CAP Number:**	**CACN**	**Baseline CR No:**	**Organization Code:**	**B & R No:**
2.1.1.1.21.1.1.1.3.2	1B130L	101564		18000	AF79

Scope of Work:

Provide funding for the net Inventory Change due to adjustments, excessing, loss, and write-offs in the inventory and reserve sub-accounts at FFTF, MASF, FMEF, and Security spares. No labor is funded in this account.

Deliverables/Milestones: (Item/Date)

No discrete deliverables.

Cost Target: (Thousands of dollars)

$71

Program Manager's Signature	Control Account Manager's Signature
R. K. Hulvey	J. R. Montano

Hanford Site Control Account Dictionary
Advanced Reactors Transition
Fast Flux Test Facility
WBS 2.01.01.01.21.01.01

Title:			Date:	PBS Number:	Dictionary Revision
Maintain FFTF Operations Status			9/29/98	RL-MS01	0
WBS Number:	**CAP Number:**	**CACN**	**Baseline CR No:**	**Organization Code:**	**B & R No:**
2.1.1.1.21.1.1.1.4.1	1B1010	101565		18100	AF79

Scope of Work:

Provide program management of the FFTF Operations (Ops) group, which includes nuclear operators, examination and decontamination services (EDS) operators, and stationary operating engineers (SOE). Conduct general activities including staff meetings, safety meetings, daily reports, etc

Provide Ops staff general training including HGET, PIC, Radiation Worker, etc. and facility specific training including watchstation qualification, new hire training, ERT training, and operations drills.

Provide around-the-clock, seven-day per week operation of FFTF plant systems and equipment and emergency responder capability. Perform log taking, Conduct of Operations Assessments, tickle file items, SC/EC surveillances, housekeeping tours, FS performance, and safety equipment checks.

Provide Lock and Tag control, Jumper/Lifted Lead control, and qualified plant personnel to support the Work Control Center. Perform special Operations Projects, as assigned by the management team.

Provide consumable materials and utilities for operation of the FFTF.

Deliverables/Milestones: (Item/Date)

Conduct 10 Operations drills per month.
Support completion of workphase 00-1 "Health of the Facility" workscope; RL milestone B10-00-000 / 1/31/00
Support completion of workphase 00-2 "Health of the Facility" workscope; RL milestone B10-00-001 / 5/31/00
Support completion of workphase 00-3 "Health of the Facility" workscope; RL milestone B10-00-002 / 9/29/00

Cost Target: (Thousands of dollars)

$9,519

Program Manager's Signature	Control Account Manager's Signature
R. K. Hulvey	S. V. Doebler

Hanford Site Control Account Dictionary
Advanced Reactors Transition
Fast Flux Test Facility
WBS 2.01.01.01.21.01.01

Title:			Date:	PBS Number:	Dictionary Revision:
Analysis and Support			9/29/98	RL-MS01	0
WBS Number:	**CAP Number:**	**CACN**	**Baseline CR No:**	**Organization Code:**	**B & R No:**
2.1.1.1.21.1.1.1.4.3	1B1073	101566		18700	AF79

Scope of Work:

Provide program management of the Analysis and Support (A&S) group. Provide program management and secretarial support of the FFTF Technical Support group. In addition, provide secretarial support for the FFTF Safety and FFTF Radiological Control groups. Conduct general activities including staff meetings, safety meetings, etc.

Provide staff general and facility specific training including HGET, Radiation Worker, etc

Initiate operations and A&S procurements, monitor and control the tickle file activities, and other A&S and Operations routine support activities.

Coordinate the maintenance and administration of the FFTF Emergency Preparedness program, including drills and exercises.

Maintain and administer the FFTF Criticality Safety program.

Schedule and track completion of Technical Specification, Environmental Specification, Fire System surveillance compliance and PN-0 system surveillance compliance.

Operate the FFTF Procedure Administration program. Track procedure changes from initiation, through approval and incorporation into the plant. Provide word processing, editing, and file maintenance. Maintain a procedure history file.

Provide the maintenance and administration of the FFTF Preventive Maintenance and Instrument Calibration Recall System. This includes procedure maintenance; tracking procedure changes from initiation, through approval and incorporation into the plant; providing word processing, editing, and file maintenance; and maintaining a procedure history file. This also includes scheduling and initiating the work packages for routinely scheduled and on demand preventive maintenance activities. Completion data is entered into a historical data base.

Title:	Date:	PBS Number:	Dictionary Revision:
Analysis and Support	9/29/98	RL-MS01	0

Deliverables/Milestones: (Item/Date)

Perform monthly and annual Criticality Safety audits.	Monthly / Annual
Support the annual Facility Evaluation Board.	Annually
Perform quarterly Plant Procedure file audits.	Quarterly
Perform preventive maintenance and instrument re-calibration packaging every 4 months to support FFTF work phase planning.	every 4 months
Coordinate performance of Technical Specification, Environmental Specification and Fire Program surveillance procedures by scheduling these activities every 4 months.	every 4 months
Maintain an Emergency Response Organization (ERO) and update the ERO list monthly.	Monthly
Maintain the FFTF procedure program by administering changes and revisions on a daily basis.	Daily
Maintain the Technical Specification, Environmental Specification, Fire System Surveillance Procedures by reviewing and verifying acceptability	Daily

Cost Target: (Thousands of dollars)

$1,174

Program Manager's Signature	Control Account Manager's Signature
R. K. Hulvey	R. L. Mounce

Hanford Site Control Account Dictionary
Advanced Reactors Transition
Fast Flux Test Facility
WBS 2.01.01.01.21.01.01

Title:				Date:	PBS Number:	Dictionary Revision:
Operations Training Support				9/29/98	RL-MS01	0
WBS Number:	**CAP Number:**	**CACN**	**Baseline CR No:**	**Organization Code:**		**B & R No:**
2.1.1.1.21.1.1.1.4.4	B1070	101567		18700		AF79

Scope of Work:

This activity implements training programs for various Hanford Project employee groups who reside in the 400 Area.

Training Management includes training program management and supervision, maintenance of Training Programs Records, scheduling support, student registration, training coordination and the administrative support necessary.

The Administration of the FFTF Training Plan is to provide fully trained, qualified, and certified operating and technical support personnel.

Training development activities include the analysis, design, development and review of training programs descriptions and the establishment of training program files and associated course materials.

Training implementation includes training delivery and maintenance for classroom presentations, CBT, self-study, and On-the-Job training.

Training evaluation accounts for the development and administration of student reaction surveys, examinations, tests, quizzes, exercises, demonstrations, scenarios, team participation, hand-on, On-the-Job, and Job Perform measures.

Activities associated with staff meetings and staff training.

Administer the implementation and continuous improvement of the Automated Job Hazard Analysis tool at FFTF.

Evaluate the required scope of changes to the Operation simulator for potential FFTF restart and draft an upgrade project plan.

Deliverables/Milestones: (Item/Date)

Complete ten operational drills monthly.

Cost Target: (Thousands of dollars)

$744

Program Manager's Signature	Control Account Manager's Signature
R. K. Hulvey	D. J. Rovira

Hanford Site Control Account Dictionary
Advanced Reactors Transition
Fast Flux Test Facility
WBS 2.01.01.01.21.01.01

Title:			Date:	PBS Number:	Dictionary Revision
Operations Policies and Procedures			9/29/98	RL-MS01	0
WBS Number:	**CAP Number:**	**CACN**	**Baseline CR No:**	**Organization Code:**	**B & R No:**
2.1.1.1.21.1.1.1.4.5	1B1074	101568		18700	AF79

Scope of Work:

Activity involves reviewing and implementing PHMC and company level policies and procedures into our FFTF Nuclear training plan for the Technical Staff Program and EP Facility Program. Also training activities associated with the review of work packages for training impacts, and training programs in the conduct of pre-job briefings, USQ evaluations, radiation protection, industrial safety, fire protection, and emergency preparedness.

Deliverables/Milestones: (Item/Date)

Conduct at least three Person-In-Charge/Technical Staff continuing training classes.

Conduct emergency organization training.

Cost Target: (Thousands of dollars)

$79

Program Manager's Signature	Control Account Manager's Signature
R. K. Hulvey	D. J. Rovira

Hanford Site Control Account Dictionary
Advanced Reactors Transition
Fast Flux Test Facility
WBS 2.01.01.01.21.01.01

Title:			Date:	PBS Number:	Dictionary Revision
400 Area Radiological Control			9/29/98	RL-MS01	0
WBS Number:	**CAP Number:**	**CACN**	**Baseline CR No:**	**Organization Code:**	**B & R No:**
2.1.1.1.21.1.1.1.5.1	1B1045	101569		18500	AF79

Scope of Work:

Provide program management of the 400 Area Radiological Control group. Conduct general activities including staff meetings, safety meetings, monthly reports, etc

Complete staff general and facility specific training including HGET, Radiation Worker, DOE Radiological Control Technician training, specialized training through HAMMER, etc.

Track and trend performance data, including radiological problem reports and radiation survey reports. Provide management oversight of radiological controls operations. Support the 400 Area ALARA and Pollution Prevention Council. Perform radiological controls SRIDs assessments. Complete verification and validation of revised 10 CFR 835 requirements.

Perform required radiological surveys on a routine daily, weekly, monthly, and as required basis to support the operation and maintenance activities of the FFTF. Provide line support for procedure and work instruction development to ensure proper implementation of radiological controls; participate in AJHA development, as required. Provide special Radiological Work Permits, when required. Provide radiological support for work evolutions.

Provide calibrated portable radiological monitoring instrumentation to support FFTF operations and maintenance activities. (Calibrations are normally performed by PNNL under contract. Waste Management Northwest provides radiological shipping records for shipment of sources to PNNL for calibration.)

Deliverables/Milestones: (Item/Date)

Complete routine health physics surveillances

Cost Target: (Thousands of dollars)

$989

Program Manager's Signature	Control Account Manager's Signature
R. K. Hulvey	L. A. Nelsen

Hanford Site Control Account Dictionary
Advanced Reactors Transition
Fast Flux Test Facility
WBS 2.01.01.01.21.01.01

Title:			Date:	PBS Number:	Dictionary Revision
FFTF Environmental Management			9/29/98	RL-MS01	0
WBS Number:	**CAP Number:**	**CACN**	**Baseline CR No:**	**Organization Code:**	**B & R No:**
2.1.1.1.21.1.1.1.5.2	1B1072	101570		18700	AF79

Scope of Work:

Provide environmental compliance assurance for the FFTF Project. Provide management and Environmental Compliance Officer oversight of all environmental and incident evaluation activities.

Provide required training for FFTF Regulatory Compliance staff. Maintain occurrence reporting, lessons learned, and near miss investigation programs. Implement the site Chemical Management System at FFTF

Coordinate environmental aspects at FFTF activities, including work package review and approval, environmental issue evaluation, and WMNW contracts for waste packaging development. Provide compliance assurance for PCB management, air emissions management, radioactive waste management, and waste water emissions management. Provide hazardous waste support, and hazardous waste training plan maintenance. Perform procedure reviews, work package reviews, regulatory review and analysis, permit maintenance, self-assessment and external audit support. Address emergent issues.

Provide FFTF environmental permitting activities, including annual permitting fees for 400 Sanitary Sewer and Secondary Cooling Water discharges.

Perform environmental monitoring and reporting. Operate Satellite Accumulation Areas and 90 Day Accumulation Areas. Also perform annual testing of T-303, Underground Storage Tank and 400 Area Near Field Monitoring. Prepare annual EPCRA reports and quarterly discharge monitoring reports.

Provide an apportioned share of the PHMC Waste Sites Management Program operating costs. This group will identify objectives, requirements, authorities, responsibilities, organizational interfaces, and specific actions necessary to improve the management of PHMC waste sites, including those managed by the FFTF Project.

Deliverables/Milestones: (Item/Date)

Submit quarterly Discharge Monitoring Reports to WA DOE via FDH /	11/30/99
	2/28/00
	5/30/00
	8/30/00

Cost Target: (Thousands of dollars)

$855

Program Manager's Signature	Control Account Manager's Signature
R. K. Hulvey	S. E. Killoy

Hanford Site Control Account Dictionary
Advanced Reactors Transition
Fast Flux Test Facility
WBS 2.01.01.01.21.01.01

Title:			Date:	PBS Number:	Dictionary Revision
Sampling and Laboratory Analysis			9/29/98	RL-MS01	0
WBS Number:	**CAP Number:**	**CACN**	**Baseline CR No:**	**Organization Code:**	**B & R No:**
2.1.1.1.21.1.1.1.5.3	1B1172	101571		18700	AF79
Scope of Work:					
Perform sampling and analysis for the Secondary Cooling Water discharge and associated groundwater monitoring.					
Deliverables/Milestones: (Item/Date)					
No discrete deliverables.					
Cost Target: (Thousands of dollars)					
$78					
Program Manager's Signature			**Control Account Manager's Signature**		
R. K. Hulvey			S. E. Killoy		

Title:			Date:	PBS Number:	Dictionary Revision
FFTF Waste Characterization			9/29/98	RL-MS01	0
WBS Number:	**CAP Number:**	**CACN**	**Baseline CR No:**	**Organization Code:**	**B & R No:**
2.1.1.1.21.1.1.1.5.4	1B1272	101572		18700	AF79
Scope of Work:					
Perform all environmental sampling at FFTF not otherwise provided for, including waste characterization samples and periodic confirmatory air samples					
Deliverables/Milestones: (Item/Date)					
No discrete deliverables.					
Cost Target: (Thousands of dollars)					
$83					
Program Manager's Signature			**Control Account Manager's Signature**		
R. K. Hulvey			S. E. Killoy		

Hanford Site Control Account Dictionary
Advanced Reactors Transition
Fast Flux Test Facility
WBS 2.01.01.01.21.01.01

Title:			Date:	PBS Number:	Dictionary Revision
FFTF Pollution Prevention			9/29/98	RL-MS01	0
WBS Number:	**CAP Number:**	**CACN**	**Baseline CR No:**	**Organization Code:**	**B & R No:**
2.1.1.1.21.1.1.1.5.5	1B1372	101573		18700	AF79

Scope of Work:

Implement and maintain site Pollution Prevention and Waste Minimization programs at FFTF.

Deliverables/Milestones: (Item/Date)

No discrete deliverables.

Cost Target: (Thousands of dollars)

$10

Program Manager's Signature	Control Account Manager's Signature
R. K. Hulvey	S. E. Killoy

Title:			Date:	PBS Number:	Dictionary Revision
Low Level Radioactive Waste Disposal			9/29/98	RL-MS01	0
WBS Number:	**CAP Number:**	**CACN**	**Baseline CR No:**	**Organization Code:**	**B & R No:**
2.1.1.1.21.1.1.1.5.6	1B1472	101574		18700	AF79

Scope of Work:

Provide disposal of FFTF low level radioactive waste, including the purchase of burial boxes and other required equipment.

Deliverables/Milestones: (Item/Date)

No discrete deliverables.

Cost Target: (Thousands of dollars)

$31

Program Manager's Signature	Control Account Manager's Signature
R. K. Hulvey	S. E. Killoy

Hanford Site Control Account Dictionary
Advanced Reactors Transition
Fast Flux Test Facility
WBS 2.01.01.01.21.01.01

Title:			Date:	PBS Number:	Dictionary Revision
FFTF Waste Disposal			9/29/98	RL-MS01	0
WBS Number:	**CAP Number:**	**CACN**	**Baseline CR No:**	**Organization Code:**	**B & R No:**
2.1.1.1.21.1.1.1.5.7	1B1572	101575		18700	AF79

Scope of Work:

Provide disposal of 400 area hazardous wastes.

Deliverables/Milestones: (Item/Date)

No discrete deliverables.

Cost Target: (Thousands of dollars)

$34

Program Manager's Signature	Control Account Manager's Signature
R. K. Hulvey	S. E. Killoy

Hanford Site Control Account Dictionary
Advanced Reactors Transition
Fast Flux Test Facility
WBS 2.01.01.01.21.01.01

Title:			Date:	PBS Number:	Dictionary Revision
FFTF Safety			9/29/98	RL-MS01	0
WBS Number:	**CAP Number:**	**CACN**	**Baseline CR No:**	**Organization Code:**	**B & R No:**
2.1.1.1.21.1.1.1.5.8	1B1040	101576		18800	AF79

Scope of Work:

Provide program management of the FFTF Safety group. Conduct general activities including staff meetings, safety meetings, committee and task team involvement, Plant Review Committee involvement, etc.

Complete FFTF Safety staff general and facility specific training including HGET, Radiation Worker, etc.

Provide leadership and specialized staff supporting programs that ensure FFTF employees maintain a safe and healthy workplace. Provide specialized knowledge, experience, and counsel for the FFTF's managerial, operational, engineering, maintenance and support staff in the following areas:

- Industrial Hygiene
- Fire Protection
- Nuclear Safety
- Criticality Safety
- Industrial Safety

Deliverables/Milestones: (Item/Date)

Complete scheduled Fire Protection Assess. Per DOE 5480.7A
Complete Annual Criticality Safety Assessment

Cost Target: (Thousands of dollars)

$945

Program Manager's Signature	Control Account Manager's Signature
R. K. Hulvey	R. O. Zimmerman

Hanford Site Control Account Dictionary
Advanced Reactors Transition
Fast Flux Test Facility
WBS 2.01.01.01.21.01.01

Title:			Date:	PBS Number:	Dictionary Revision
FFTF Quality Assurance			9/29/98	RL-MS01	0
WBS Number:	**CAP Number:**	**CACN**	**Baseline CR No:**	**Organization Code:**	**B & R No:**
2.1.1.1.21.1.1.1.5.9	1B1040	101577		18400	AF79

Scope of Work:

Provide program management of the FFTF Quality Assurance group. Conduct general activities including staff meetings, safety meetings, Plant Review Committee involvement, etc.

Complete FFTF QA staff general and facility specific training including HGET, Radiation Worker, etc.

Provide leadership and specialized Quality Assurance/Quality Control support to the FFTF staff for compliance with the QA rule and Quality Assurance program. This includes self assessments, training, document review, and inspection activities.

Review and approve quality affecting FFTF operating procedures, work packages, and material procurements.

Conduct self assessments of FFTF performance.

Perform inspections of quality affecting maintenance and modification activities in the FFTF.

Deliverables/Milestones: (Item/Date)

Conduct 24 surveillances to determine areas for improvement and to assess compliance with the requirements imposed on the facility.

Cost Target: (Thousands of dollars)

$502

Program Manager's Signature	Control Account Manager's Signature
R. K. Hulvey	R. O. Zimmerman

Hanford Site Control Account Dictionary
Advanced Reactors Transition
Fast Flux Test Facility
WBS 2.01.01.01.21.01.01

Title:			Date:	PBS Number:	Dictionary Revision
FFTF Engineering Administration			9/29/98	RL-MS01	0
WBS Number:	**CAP Number:**	**CACN**	**Baseline CR No:**	**Organization Code:**	**B & R No:**
2.1.1.1.21.1.1.1.6.1	1B130A	101578		18200	AF79

Scope of Work:

Provide management of FFTF engineering activities, including necessary secretarial and administrative support.

Provide required training for staff to perform these duties.

Conduct general activities including staff meetings, safety meetings, task team involvement, Plant Review Committee involvement, etc.

Provide technical support to the Standby Project Office

Deliverables/Milestones: (Item/Date)

No discrete deliverables.

Cost Target: (Thousands of dollars)

$284

Program Manager's Signature	Control Account Manager's Signature
R. K. Hulvey	S. Guttenberg

Hanford Site Control Account Dictionary
Advanced Reactors Transition
Fast Flux Test Facility
WBS 2.01.01.01.21.01.01

Title:			Date:	PBS Number:	Dictionary Revision
Auxiliary Systems Electrical Engineering			9/29/98	RL-MS01	0
WBS Number:	**CAP Number:**	**CACN**	**Baseline CR No:**	**Organization Code:**	**B & R No:**
2.1.1.1.21.1.1.1.6.2	B1024	101579		18200	AF79

Scope of Work:

Provide program management of the FFTF Auxiliary Systems Electrical Engineering (ASEE) group. ASEE is responsible for providing engineering support for over 110 systems for FFTF Plant, MASF, 400 Area Landlord, and FMEF. Significant FFTF Plant, MASF, Landlord, and FMEF systems ASEE is responsible for are electrical distribution, lighting, communications, fire protection, HVAC, sodium system trace heat, sodium level and leak detection, inert gas supply and distribution, sodium sampling and monitoring, radiation monitoring, and plant annunciators.

Complete ASEE staff general and facility specific training including HGET, PIC, Radiation Worker, Electrical Safety, etc.

Provide cognizant engineer and design authority support for FFTF preventative maintenance (PM) activities, including review and revision of PM categories, frequencies and procedures and evaluation of data obtained from PM activities. Provide support to FFTF corrective maintenance activities, including preparation of corrective maintenance and modification work packages and ordering of required materials. As required, supervise fieldwork (i.e., Person in Charge activities). Prepare, review and approve FFTF operating procedures related to assigned ASEE systems. Support the achievement of the "health of the facility" maintenance milestones. Conduct general activities including staff meetings, safety meetings, monthly reports, etc

Obtain outside services for maintaining the FFTF communications systems and to provide National Electrical Code interpretations and inspections.

Provide secretarial support including preparation and issuance of correspondence and reports, routing and tracking work packages, taking messages, scheduling training, preparing monthly performance data, maintaining the engineering department required reading log and the design authority matrix, processing modification packages during ECN release and closeout, supply procurement, administrative support for other FFTF project groups as required, and perform as project point-of-contact for several PHMC procedures.

Deliverables/Milestones: (Item/Date)

Support completion of workphase 00-1 "Health of the Facility" workscope; RL milestone B10-00-000 / 1/31/00
Support completion of workphase 00-2 "Health of the Facility" workscope; RL milestone B10-00-001 / 5/31/00
Support completion of workphase 00-3 "Health of the Facility" workscope; RL milestone B10-00-002 / 9/29/00

Cost Target: (Thousands of dollars)

$1,248

Program Manager's Signature	Control Account Manager's Signature
R. K. Hulvey	S. H. Crow

Hanford Site Control Account Dictionary
Advanced Reactors Transition
Fast Flux Test Facility
WBS 2.01.01.01.21.01.01

Title:			Date:	PBS Number:	Dictionary Revision
FFTF Mechanical Equipment & Inspection Support			9/29/98	RL-MS01	0
WBS Number:	**CAP Number:**	**CACN**	**Baseline CR No:**	**Organization Code:**	**B & R No:**
2.1.1.1.21.1.1.1.6.3	1B1023	101580		18200	AF79

Scope of Work:

Provide program management of the FFTF Mechanical Engineering and In-service Inspection (MEII) group. Conduct general activities including staff meetings, safety meetings, monthly reports, etc

Complete MEII staff general and facility specific training including HGET, PIC, Radiation Worker, etc.

Prepare, review and approve FFTF operating procedures related to assigned mechanical systems and in-service inspection.

Provide support to FFTF preventative maintenance (PM) and In-service Inspection (SISI) activities, including review and revision of PM categories, frequencies and procedures and evaluation of data obtained from PM and SISI activities. Provide support to FFTF corrective maintenance activities, including preparation of corrective maintenance and modification work packages and ordering of required materials. As required, supervise fieldwork (i.e., Person in Charge activities). Support the achievement of the "health of the facility" maintenance milestones.

Provide Cognizant Engineer / Design Authority function for assigned systems and components.

Deliverables/Milestones: (Item/Date)

Issue Annual SISI report by 3/31/00.
Support completion of workphase 00-1 "Health of the Facility" workscope; RL milestone B10-00-000 / 1/31/00
Support completion of workphase 00-2 "Health of the Facility" workscope; RL milestone B10-00-001 / 5/31/00
Support completion of workphase 00-3 "Health of the Facility" workscope; RL milestone B10-00-002 / 9/29/00

Cost Target: (Thousands of dollars)

$953

Program Manager's Signature	Control Account Manager's Signature
R. K. Hulvey	D. L. Polzin

Hanford Site Control Account Dictionary
Advanced Reactors Transition
Fast Flux Test Facility
WBS 2.01.01.01.21.01.01

Title:			Date:	PBS Number:	Dictionary Revision
FFTF Reactor Systems Mechanical Engineering			9/29/98	RL-MS01	0
WBS Number:	**CAP Number:**	**CACN**	**Baseline CR No:**	**Organization Code:**	**B & R No:**
2.1.1.1.21.1.1.1.6.4	1B1022	101581		18200	AF79

Scope of Work:

Provide program management of the FFTF Reactor Systems Mechanical Engineering (RSME) group. Conduct general activities including staff meetings, safety meetings, monthly reports, etc

Complete RSME staff general and facility specific training including HGET, PIC, Radiation Worker, etc.

Provide Cognizant Engineer / Design Authority function for more than fifty assigned systems and components in the FFTF, FMEF, MASF, and Landlord buildings. Support the achievement of the "health of the facility" maintenance milestones. Provide support to FFTF preventative maintenance (PM) activities, including review and revision of PM categories, frequencies and procedures and evaluation of data obtained from PM activities. Provide support to FFTF corrective maintenance activities, including preparation of corrective maintenance and modification work packages and ordering of required materials. As required, supervise field work (i.e., Person in Charge activities).

Prepare, review and approve FFTF operating procedures related to assigned systems. Perform configuration management activities including the maintenance of drawings in accordance with site requirements. Prepare, review and approve engineering standards and procedures, including maintenance of FFTF Engineering Instructions and participation on the FDH Engineering Leadership Team.

Perform engineering studies related to plant restart; e.g., sodium and gas sampling processes and liquid effluent treatment options.

Deliverables/Milestones: (Item/Date)

Support completion of workphase 00-1 "Health of the Facility" workscope; RL milestone B10-00-000 / 1/31/00

Support completion of workphase 00-2 "Health of the Facility" workscope; RL milestone B10-00-001 / 5/31/00

Support completion of workphase 00-3 "Health of the Facility" workscope; RL milestone B10-00-002 / 9/29/00

Cost Target: (Thousands of dollars)

$1,036

Program Manager's Signature	Control Account Manager's Signature
R. K. Hulvey	T. M. Burke

Hanford Site Control Account Dictionary
Advanced Reactors Transition
Fast Flux Test Facility
WBS 2.01.01.01.21.01.01

Title:			Date:	PBS Number:	Dictionary Revision
G-3 Generator Repair Materials			9/29/98	RL-MS01	0
WBS Number:	**CAP Number:**	**CACN**	**Baseline CR No:**	**Organization Code:**	**B & R No:**
2.1.1.1.21.1.1.1.6.7	1B102A	101584		18200	AF79

Scope of Work:

Purchase external vendor services for G-3 generator repairs.

- Complete repairs to the shorted stator to prepare it for installation as a part of FFTF corrective maintenance. (completed in FY 1999)
- Procure vendor services to support performance of a halon concentration test on the G-3 fire supression system. This will include:
  - Perform system walkdown
  - Prepare test procedure
  - Perform test
  - Document test results and recommended system modifications if required

  (Travel by vendor personnel is required.)

Deliverables/Milestones: (Item/Date)

Complete fire suppression system halon concentration test for the G-3 generator and issue report documenting results. (FY 2000)

Cost Target: (Thousands of dollars)

$12

Program Manager's Signature	Control Account Manager's Signature
R. K. Hulvey	T. M. Burke

Hanford Site Control Account Dictionary
Advanced Reactors Transition
Fast Flux Test Facility
WBS 2.01.01.01.21.01.01

Title:			Date:	PBS Number:	Dictionary Revision
FFTF Maintenance			9/29/98	RL-MS01	0
WBS Number:	**CAP Number:**	**CACN**	**Baseline CR No:**	**Organization Code:**	**B & R No:**
2.1.1.1.21.1.1.1.7.1	1B1060	101585		18600	AF79

Scope of Work:

Provide program management of the FFTF Maintenance organization. Perform general activities including staff meetings, safety meetings, monthly reports, etc

Provide a trained and capable maintenance staff to support the FFTF and associated facilities. Complete Maintenance staff general and facility specific training including HGET, PIC, Radiation Worker, etc. Complete individual Maintenance staff mandatory technical/safety training; e.g., medium risk and high risk electrical safety training, confined space entry training, etc.

Plan, schedule, manage, and perform surveillance procedures, preventive and corrective maintenance for the *Fast Flux Test Facility, Maintenance and Storage Facility, FMEF, and 400 Area support facilities (landlord* buildings). Operate the work control center. Provide Maintenance Person In Charge (PIC), as necessary, to coordinate and direct fieldwork. Purchase materials required for preventive and corrective maintenance and for maintenance administration activities.

Provide calibrated equipment, tools, and external services required for performance of maintenance work.

Maintain the yard and grounds at FFTF, including landscape maintenance and snow removal.

Deliverables/Milestones: (Item/Date)

Complete workphase 00-1 "Health of the Facility" workscope; RL milestone B10-00-000 / 1/31/00
Complete workphase 00-2 "Health of the Facility" workscope; RL milestone B10-00-001 / 5/31/00
Complete workphase 00-3 "Health of the Facility" workscope; RL milestone B10-00-002 / 9/29/00

Cost Target: (Thousands of dollars)

$8,637

Program Manager's Signature	Control Account Manager's Signature
R. K. Hulvey	G. J. Boehnke

Hanford Site Control Account Dictionary
Advanced Reactors Transition
Fast Flux Test Facility
WBS 2.01.01.01.21.01.01

Title:			Date:	PBS Number:	Dictionary Revision
FMEF			9/29/98	RL-MS01	0
WBS Number:	**CAP Number:**	**CACN**	**Baseline CR No:**	**Organization Code:**	**B & R No:**
2.1.1.1.21.1.1.1.8.1	1B170A	101586		18100	AF79

Scope of Work:

Maintain the Fuels and Materials Examination Facility (FMEF) in a safe, secure, environmentally compliant shutdown condition. Except for leased storage and workshop areas, the building is unoccupied.

Maintain the fire detection and suppression systems, heating system (to prevent freezing of water systems), and building integrity so as to protect the DOE investment in this facility. Perform necessary preventive and corrective maintenance activities.

Receive offsetting income from programs which utilize space for storage or workshop purposes.

Deliverables/Milestones: (Item/Date)

No discrete deliverables.

Cost Target: (Thousands of dollars)

$271

Program Manager's Signature	Control Account Manager's Signature
R. K. Hulvey	S. V. Doebler

Hanford Site Work Breakdown Structure Dictionary
FFTF PROJECT
WBS 2.01.01.01.21.01

Activity Title		Date:	PBS Number:	Dictionary Revision
Remove Materials from FFTF		8/31/98	MS01	0
WBS Number	**Baseline CR No.**	**Organization Code**	**B&R Number:**	
2.01.01.01.21.01.01.02		18000	AF79	

Scope of Work:

This WBS provides those activities necessary for the removal of nuclear materials (unirradiated and irradiated fueled components) from the FFTF.

Offload all unusable fueled components from within FFTF and place them in interim storage. Offload unusable nonfueled components from within FFTF and ship them for disposal. Activities in these areas include: Oversee the procurement and testing of Interim Storage Casks (ISCs) and Core Component Casks (CCCs); prepare and approve detailed refueling plans and Interim Examination and Maintenance Cell (IEMC), and Examination and Decontaminated Services (EDS) work plans; perform necessary criticality evaluations; conduct operational readiness assessments; operate and maintain the refueling equipment; provide engineering, maintenance, and operations support for component handling, washing, packaging, and shipping operations; assemble FFTF fuel assembly data packages; preserve FFTF nuclear equipment performance data and documentation.

Current Year Work
Efforts will continue to upgrade and restore equipment required for handling FFTF fuel in order to support reliable operation. Specific activities will include completion of upgrades to the Closed Loop Ex-Vessel Machine (CLEM) and the IEM Cell Sodium Removal System controls. Additionally, design, development, fabrication, and installation of required upgrades to the Solid Waste Cask will continue. Each of these machines or systems is necessary to process unirradiated and irradiated fuel for removal from the FFTF.

Out-year Planning
TBD. Out-year activities will be determined based on the assigned mission.

This WBS covers work necessary to support satisfying the following technical baseline requirements for the Hanford clean up mission:
- South 600 Area special nuclear materials shall be moved to the Central Plateau.
- 400 Area uranium shall be interim stored in the 400 Area.
- Nuclear materials shall be moved from the 400 Area to the Central Plateau.
- 400 Area Nuclear materials shall be stabilized.
- Complete commercial disposition and/or the acquisition of new facilities, modification of existing facilities, and/or modification of planned facilities necessary for storage, treatment/processing, and disposal/disposition of all Hanford Site UU. [Due Date: 12/31/2000] TPA Target Milestone MX-92-06T.
This target date includes all UU located in 300 Area fuel supply facilities (Uranium dioxide powder and pellets stored in cans, pins, assemblies, and drums), Uranium trioxide (UO3) powder stored in T-hoppers adjacent to the U-Plant, depleted UO3 stored in 55 gallon drums in the 200 West Area and the 4713 Building.

Key documents used for allocating Site requirements to this WBS include:

Name	Title
DOE/EIS-0222D	Draft Hanford Remedial Action Environmental Impact Statement and Comprehensive Land Use Plan
DOE/RL-89-10	Hanford Federal Facility Agreement and Consent Order (Tri-Party Agreement), Revision 5
DOE/RL-96-92	Hanford Strategic Plan

Hanford Site Control Account Dictionary
Advanced Reactors Transition
Fast Flux Test Facility
WBS 2.01.01.01.21.01.01

Title:			Date:	PBS Number:	Dictionary Revision
Fuel Handling I&C Administration			9/29/98	RL-MS01	0
WBS Number:	**CAP Number:**	**CACN**	**Baseline CR No:**	**Organization Code:**	**B & R No:**
2.1.1.21.1.1.2.1.2	1B1026	101587		18200	AF79

Scope of Work:

Provide program management of the FFTF Fuel Handling I&C Engineering (FHIC) group. Conduct general activities including staff meetings, safety meetings, monthly reports, etc

Complete FHIC staff general and facility specific training including HGET, PIC, Radiation Worker, Electrical Safety, etc.

Prepare, review and approve FFTF operating procedures related to assigned FHIC systems.

Provide support to FFTF preventative maintenance (PM) activities, including review and revision of PM categories, frequencies and procedures and evaluation of data obtained from PM activities. Provide support to FFTF corrective maintenance activities, including preparation of corrective maintenance and modification work packages and ordering of required materials. As required, supervise fieldwork (i.e., Person in Charge activities). Support the achievement of the "health of the facility" maintenance milestones.

Provide administrative control of FFTF engineering documents. This includes maintaining station files, microfiche files, ECN files, and the Technical Reference Library. Also included is ECN and engineering document release processing.

Deliverables/Milestones: (Item/Date)

Support completion of workphase 00-1 "Health of the Facility" workscope; RL milestone B10-00-000 / 1/31/00
Support completion of workphase 00-2 "Health of the Facility" workscope; RL milestone B10-00-001 / 5/31/00
Support completion of workphase 00-3 "Health of the Facility" workscope; RL milestone B10-00-002 / 9/29/00

Cost Target: (Thousands of dollars)

$1,205

Program Manager's Signature	Control Account Manager's Signature
R. K. Hulvey	G. N. Ruge

Hanford Site Control Account Dictionary
Advanced Reactors Transition
Fast Flux Test Facility
WBS 2.01.01.01.21.01.01

Title:			Date:	PBS Number:	Dictionary Revision
Solid Waste Cask Repair			9/29/98	RL-MS01	0
WBS Number:	**CAP Number:**	**CACN**	**Baseline CR No:**	**Organization Code:**	**B & R No:**
2.1.1.1.21.1.1.2.2.2	1B1032	101588		18200	AF79

Scope of Work:

Complete the redesign and repair of the Solid Waste Cask to restore it to an acceptable condition for handling highly radioactive waste containers and spent nuclear fuel in core component containers.

In FY 2000, perform detailed design activities for the Solid Waste Cask (SWC). The cask requires a major upgrade to the hoist, grapple, closure valve and its associated electrical control system to allow it to safely handle spent fuel containers and to increase its reliability.

Conceptual design activities were completed in FY 1999 and Detailed Design is planned for completion by the end of FY 2000. Procurement, fabrication, installation and testing activities to support this upgrade will occur in FY 2001 & FY 2002.

This scope includes the engineering and drafting support to perform the design activity and the additional support to perform an independent design review and approval at the completion of detailed design. The design effort, review and approval are all part of the FY 2000 scope.

Deliverables/Milestones: (Item/Date)

RL Milestone: B19-00-400 Due Date: September 25, 2000

Complete the definitive design for repairs and upgrades to the Solid Waste Cask (SWC) to meet the design requirements for handling spent nuclear fuel. This will fully define the scope to restore the grapple and hoist system, which failed, as well as to assure an adequate confinement boundary. An independant design review will be performed and the final design review report will be issued, with a copy provided to RL.

Cost Target: (Thousands of dollars)

$718

Program Manager's Signature	Control Account Manager's Signature
R. K. Hulvey	S. W. Hiller

Hanford Site Control Account Dictionary
Advanced Reactors Transition
Fast Flux Test Facility
WBS 2.01.01.01.21.01.01

Title:			Date:	PBS Number:	Dictionary Revision
CLEM Control System Upgrade			9/29/98	RL-MS01	0
WBS Number:	**CAP Number:**	**CACN**	**Baseline CR No:**	**Organization Code:**	**B & R No:**
2.1.1.1.21.1.1.2.4.1	1B1027	101590		18200	AF79

Scope of Work:

The computerized controls for the Closed Loop Ex-Vessel Machine (CLEM) are aged and require replacement to ensure reliable, maintainable operation. This upgrade will replace the computers, monitors, I/O, and related equipment required to operate the machine reliably.

During FY 1999 this task proceeded such that the following tasks were completed, resulting in RL Milestone B19-99-403 being completed 16 days ahead of schedule:

- Definitive design
- Software development
- Hardware design review
- Procurement, fabrication and field installation of all required hardware

During FY 2000 the following activities will be performed such that CLEM can be returned to service:

- Calibration, Grooming & Alignment testing.
- Software Design Review.
- Acceptance Testing Phase I, e.g., interlock checks and handling cold components.
- Test Results and Review Team.
- Acceptance Testing Phase II, e.g., handling irradiated, fueled components

Deliverables/Milestones: (Item/Date)

Complete CLEM Software Design Review
Level 0 Milestone, complete by 2/11/00

Complete Phase I Acceptance Testing of the CLEM control system upgrade
Level 0 Milestone, complete by 6/27/00

Complete Phase II Acceptance Testing of the CLEM control system upgrade
RL Milestone B19-00-403 / 9-14-00

Cost Target: (Thousands of dollars)

$323

Program Manager's Signature	Control Account Manager's Signature
R. K. Hulvey	G. N. Ruge

Hanford Site Control Account Dictionary
Advanced Reactors Transition
Fast Flux Test Facility
WBS 2.01.01.01.21.01.01

Title:			Date:	PBS Number:	Dictionary Revision
IEMC & Refueling Mechanical Engineering			9/29/98	RL-MS01	0
WBS Number:	**CAP Number:**	**CACN**	**Baseline CR No:**	**Organization Code:**	**B & R No:**
2.1.1.1.21.1.1.2.5.1	1B1028	101591		18200	AF79

Scope of Work:

The FFTF IEM Cell & Refueling Mechanical Engineering (IRME) organization provides Design Authority/Cognizant Engineering coverage for more than 30 systems related to reactor refueling and spent fuel handling and storage. Specific system assignments are provided in the Cognizant Engineer/Design Authority listings. The primary objective of this WBS element is to maintain those fuel handling equipment and systems to support the completion of "health of facility" maintenance milestones.

In addition, the following activities are provided by this element:

- Program management of the IRME group.
- Secretarial services for the IRME and RSME engineering groups (2 managers and 18 engineering staff members). Secretarial duties involve preparation and issuance of correspondence and reports, routing and tracking work packages and procedures, taking messages, scheduleing training, preparing monthly reports, misc office equipment procurements, and other administrative requirements.
- General drafting support of IRME configuration management activities including maintenance of drawings, incorporating ECNs, etc.
- Preparation of engineering studies related to restart activities (e.g., isotope target irradiation hardware conceptual design, inflatable seal replacement evaluation, IT bellows replacement study), as resources allow.
- Preparation, review and approval of FFTF operating and maintenance procedures related to assigned IRME systems.
- Supervision (PIC) of fieldwork related to systems/equipment IRME is responsible for.

Maintenance activities on fuel handling systems and equipment are based on retaining the potential for a reactor restart while assuring minimal impact to critical path should a shutdown or restart decision be received.

Green fuel inventory and IDS siphon breaker testing will be performed in FY 2000.

T-3 shipping cask license revision for metal fuel will be supported in FY 2000 per DOE request.
ISC and DSWC SARP updates/renewals will be performed as required.

Deliverables/Milestones: (Item/Date)

Support completion of workphase 00-1 "Health of the Facility" workscope; RL milestone B10-00-000 / 1/31/00
Support completion of workphase 00-2 "Health of the Facility" workscope; RL milestone B10-00-001 / 5/31/00
Support completion of workphase 00-3 "Health of the Facility" workscope; RL milestone B10-00-002 / 9/29/00

Cost Target: (Thousands of dollars)

$999

Program Manager's Signature	Control Account Manager's Signature
R. K. Hulvey	S. W. Hiller

Hanford Site Control Account Dictionary
Advanced Reactors Transition
Fast Flux Test Facility
WBS 2.01.01.01.21.01.01

Title:			Date:	PBS Number:	Dictionary Revision
Sodium Removal System Control System Upgrade			9/29/98	RL-MS01	0
WBS Number:	**CAP Number:**	**CACN**	**Baseline CR No:**	**Organization Code:**	**B & R No:**
2.1.1.1.21.1.1.2.6.1	1B102B	101592		18200	AF79

Scope of Work:

This overall task will upgrade the Interim Examination and Maintenance (IEM) Cell Sodium Removal System (SRS) control system, panel C-1167. The upgrades will enhance the man-machine interface, the system reliability and maintainability, and the safety of performing maintenance.

During FY 1999 this task proceeded such that the following activities were completed:
- Definitive hardware design
- Software development
- Design review for hardware and software
- Procurement of new hardware, except for computer

During FY 2000 the following activities will be performed:
- Software Testing
- Construction, i.e., install new control system into existing control console C-1167
- Prepare Operating Procedures that reflect operation of the upgraded SRS control system
- Perform training on the new SRS control system
- *Procure process control computer*

Complete acceptance testing and return the Sodium Removal System to service. (Projected for FY 2001)

Deliverables/Milestones: (Item/Date)

During FY00 construction activities on C-1167 will be performed such that SRS can be returned to service in FY 2001.

Complete construction/ installation of new control system for SRS, RL Milestone: B19-00-402 / 9-22-00

Cost Target: (Thousands of dollars)

$268

Program Manager's Signature	Control Account Manager's Signature
R. K. Hulvey	G. N. Ruge

TABLE 2-1 RESPONSIBILITY ASSIGNMENT MATRIX

ADVANCED REACTORS TRANSITION

WBS No	CaCN	Title	Manager	FY 2000 Budget ($K)
1.12.1	ADVANCED REACTORS TRANSITION			
1.12.1.1	NE Legacy Facilities			
1.12.1.1.1	Maintain Safe & Compliant NE Legacy Facilities			-
1.12.1.1.1.1	101541	NE Legacies Occupancy	W. F. Brehm	413
1.12.1.1.2	Transition NE Legacy Facilities			-
1.12.1.1.2.1	101542	Remove and Ship 337 Controls & Piping	W. F. Brehm	0
1.12.1.1.2.2	101543	Clean 221-T Tanks	W. F. Brehm	86
1.12.1.1.2.3	101544	Complete Options for Non-Rad Sodium	W. F. Brehm	0
1.12.1.1.2.4	101545	Clean 3718-M Storage Tank	W. F. Brehm	0
1.12.1.1.2.5	101546	NE Legacy Support	W. F. Brehm	0
1.12.1.2	309 Facility			
1.12.1.2.1	Maintain Safe & Compliant 309 Building			-
1.12.1.2.1.1	101547	309 Building Facility	I. L. Metcalf	709
1.12.1.2.2	Transition 309 Building			-
1.12.1.2.2.1	101548	Stabilize TW Tank Farm	I. L. Metcalf	0
1.12.1.2.2.2	101549	Stabilize PRTR Fuel Storage Basin	I. L. Metcalf	0
1.12.1.2.2.3	101550	Stabilize PRTR Reactor Cavity	I. L. Metcalf	0
1.12.1.2.2.4	101551	Fuel Exam Cell	I. L. Metcalf	0
1.12.1.2.2.5	101552	Stabilize PRTR Fuel Transfer Pit	I. L. Metcalf	110
1.12.1.2.2.6	101553	Cleanout Balance of PRTR Containment	I. L. Metcalf	0
1.12.1.2.2.7	101554	Stabilize PRTR Bldg Stack and Pits	I. L. Metcalf	0
1.12.1.2.2.8	101555	Facility Document Updates	I. L. Metcalf	0
1.12.1.2.2.9	101556	Transition 309 Building to Shutdown	I. L. Metcalf	0
				1,318

TABLE 2-1 RESPONSIBILITY ASSIGNMENT MATRIX (Cont'd)

FAST FLUX TEST FACILITY

WBS No	CaCN	Title	Manager	Budget ($K)
2.1.1.1.21.1.1	FAST FLUX TEST FACILITY			
2.1.1.1.21.1.1.1	Maintain Safe and Compliant Materials in FFTF			
2.1.1.1.21.1.1.1.1	Project Management			
2.1.1.1.21.1.1.1.1.1	101557	Transition Project Office	R. K. Hulvey	3,006
2.1.1.1.21.1.1.1.1.2	101558	Advanced Reactors Planning and Scheduling	R. K. Hulvey	900
2.1.1.1.21.1.1.1.1.3	101559	Advanced Reactors Planning Integration	R. K. Hulvey	508
2.1.1.1.21.1.1.1.1.4	101560	FFTF S/RIDs Administration	R. K. Hulvey	258
2.1.1.1.21.1.1.1.1.5	101561	FFTF Project Management	J. R. Montano	1,104
2.1.1.1.21.1.1.1.1.13	110245	EIS Support	R. K. Hulvey	383
2.1.1.1.21.1.1.2	FFTF Security			
2.1.1.1.21.1.1.2.1	101562	FFTF Safeguards and Security	D. A. Gantt	4,436
2.1.1.1.21.1.1.3	Inventory			
2.1.1.1.21.1.1.3.1	101563	Spare Parts Inventory Change	J. R. Montano	149
2.1.1.1.21.1.1.3.2	101564	Spares Adjustments	J. R. Montano	71
2.1.1.1.21.1.1.4	FFTF Operations			
2.1.1.1.21.1.1.4.1	101565	Maintain FFTF Operations Status	S. V. Doebler	9,519
2.1.1.1.21.1.1.4.3	101566	Analysis and Support	R. L. Mounce	1,174
2.1.1.1.21.1.1.4.4	101567	FFTF Nuclear Training	D. J. Rovira	744
2.1.1.1.21.1.1.4.5	101568	Training Policies and Procedures	D. J. Rovira	79
2.1.1.1.21.1.1.5	FFTF ES&H			
2.1.1.1.21.1.1.5.1	101569	400 Area Radiological Control	L. A. Nelsen	989
2.1.1.1.21.1.1.5.2	101570	FFTF Environmental Management	S. E. Killoy	855
2.1.1.1.21.1.1.5.3	101571	Sampling and Laboratory Analysis	S. E. Killoy	78
2.1.1.1.21.1.1.5.4	101572	FFTF Waste Characterization	S. E. Killoy	83
2.1.1.1.21.1.1.5.5	101573	FFTF Pollution Prevention	S. E. Killoy	10
2.1.1.1.21.1.1.5.6	101574	Low Level Radioactive Waste Disposal	S. E. Killoy	31
2.1.1.1.21.1.1.5.7	101575	FFTF Waste Disposal	S. E. Killoy	34
2.1.1.1.21.1.1.5.8	101576	FFTF Safety	R. O. Zimmerman	945
2.1.1.1.21.1.1.5.9	101577	FFTF Quality Assurance	R. O. Zimmerman	502
2.1.1.1.21.1.1.6	Engineering			
2.1.1.1.21.1.1.6.1	101578	FFTF Engineering Administration	S. Guttenberg	284
2.1.1.1.21.1.1.6.2	101579	Auxiliary Systems Electrical Engineering	S. H. Crow	1,248
2.1.1.1.21.1.1.6.3	101580	FFTF Mechanical Equipment & Inspection Support	D. L. Polzin	953
2.1.1.1.21.1.1.6.4	101581	FFTF Reactor Systems Mechanical Engineering	T. M. Burke	1,036
2.1.1.1.21.1.1.6.5				
2.1.1.1.21.1.1.6.6				
2.1.1.1.21.1.1.6.7	101584	G-3 Generator Repair Materials	T. M. Burke	12
2.1.1.1.21.1.1.6.8				
2.1.1.1.21.1.1.7	Maintenance			
2.1.1.1.21.1.1.7.1	101585	FFTF Maintenance	G. J. Boehnke	8,637
2.1.1.1.21.1.1.8	Fuels & Materials Examination Facility			
2.1.1.1.21.1.1.8.1	101586	FMEF	S. V. Doebler	271
2.1.1.1.21.1.1.2.	Remove Materials from FFTF			
2.1.1.1.21.1.1.2.1	Fuel Storage and Offload Equipment			
2.1.1.1.21.1.1.2.1.2	101587	Fuel Handling I&C Administration	G. N. Ruge	1,205
2.1.1.1.21.1.1.2.2.2	101588	Solid Waste Cask Repair	S. W. Hiller	718
2.1.1.1.21.1.1.2.4.1	101590	CLEM Control System Upgrade	G. N. Ruge	323
2.1.1.1.21.1.1.2.5.1	101591	IEMC & Refueling Mechanical Engineering	S. W. Hiller	999
2.1.1.1.21.1.1.2.6.1	101592	Sodium Removal System Control System Upgrade	G. N. Ruge	268
				41,812

3.0 SCHEDULE BASELINE

3.1 Master Schedule

The Project Baseline Schedule is maintained in the Primavera Project Planner (P3)™ computer program. A printout of this schedule is provided in Appendix A. Over the course of the project, the P3 schedule will be maintained under baseline change control in accordance with HNF-PRO-533, Change Control.

Summarization of this master schedule is provided in the Project Master Baseline Schedule, which appears in the Fiscal Year 2000 Multi-Year Work Plan, Advanced Reactors Transition Program. The MYWP can be accessed on the HLAN through "Hanford Data Integrator (HANDI)." A simplified pictorial representation is presented in Section 1, Executive Summary, of this document.

3.2 Milestones

Milestones have been established for completion of significant activities in the project schedule. Dependent upon the significance of the activity, these are assigned as Field Office (FO), RL, or contractor (O) level milestones. The active milestones are listed in Table 3.1. In addition, a number of milestones related to the Hanford Federal Facility Agreement and Consent Order (Tri-Party Agreement) are assigned to the project, but are not being worked, due to the DOE direction to maintain the FFTF in standby. These milestones are listed in Table 3.2.

Tri-Party Agreement change request M-81-98-01 was approved August 24, 1999, placing the M-81 series of TPA milestones "in abeyance," and changing the due date for M-20-29A to "TBD." Change M-92-98-01 was approved October 2, 1999 placing the milestones M-92-09 and M-92-10 "in abeyance." These changes will be reflected in the project baseline by BCR in the near future.

™ P3 and Primavera Project Planner are trade names of Primavera Systems, Inc.

TABLE 3.1. ACTIVE MILESTONES

Milestone Number	CAM / Resp. Person	Type	Milestone Description	Scheduled Date
B10-00-004	Doebler	0	Identified FWS Qualifying Observations Complete	10/14/99
B10-00-005	Doebler	0	Complete 10 Operational Drills	10/31/99
B10-00-006	Doebler	0	Complete 10 Operational Drills	11/30/99
B10-00-007	Killoy	0	Quarterly DMR Submittal to Ecology	11/30/99
B10-00-003	Harville	RL	Verify Contingency Plan for Y2K	12/15/99
B10-00-008	Doebler	0	Complete 10 Operational Drills	12/30/99
B10-00-009	Doebler	0	Complete Reference Use Procedure Validation	12/31/99
B10-00-010	Doebler	0	Complete 10 Operational Drills	01/31/00
B10-00-000	Boehnke	RL	Health of Facility Workphase 00-1	01/31/00
B10-00-011	Ruge	0	Complete CLEM Software Design Review	02/11/00
B10-00-013	Killoy	0	Quarterly DMR Submittal to Ecology	02/28/00
B10-00-012	Doebler	0	Complete 10 Operational Drills	02/29/00
B10-00-015	Polzin	0	Issue Annual SISI Report	03/30/00
B10-00-016	Griffin	0	Declaration of Readiness for ISMS Verification	03/30/00
B10-00-014	Doebler	0	Complete 10 Operational Drills	03/31/00
B10-00-017	Doebler	0	Complete 10 Operational Drills	04/30/00
B10-00-018	Killoy	0	Quarterly DMR Submittal to Ecology	05/30/00
B10-00-019	Doebler	0	Complete 10 Operational Drills	05/31/00
B10-00-001	Boehnke	RL	Health of Facility Workphase 00-2	05/31/00
B10-00-020	Ruge	0	Complete CLEM Phase I Acceptance Testing	06/27/00
B10-00-021	Doebler	0	Complete 10 Operational Drills	06/30/00
B10-00-022	Hiller	0	Transmit SWC Design Review Package to Review Team	07/20/00
B10-00-023	Doebler	0	Complete 10 Operational Drills	07/31/00
B10-00-024	Killoy	0	Quarterly DMR Submittal to Ecology	08/30/00
B10-00-025	Doebler	0	Complete 10 Operational Drills	08/31/00
B19-00-403	Ruge	RL	Acceptance Testing for CLEM Control System	09/14/00
B19-00-402	Ruge	RL	Sodium Removal System Control System Construction	09/22/00
B19-00-400	Hiller	RL	Definitive Design for the Solid Waste Cask	09/25/00
B10-00-002	Boehnke	RL	Health of Facility Workphase 00-3	09/29/00
B10-00-026	Doebler	0	Complete 10 Operational Drills	09/30/00

TABLE 3.2. TPA MILESTONES PENDING CHANGE REQUEST APPROVAL

MILESTONE CONTROL #	TPA-MS NUMBER	MS LEVEL	MS TITLE	TPA Date
B19-98-401	M-81-04-T01	FO	COMPLETE REACTOR AND HEAT TRANSPORT SYSTEM SODIUM DRAIN	In Abeyance
B17-98-107	M-81-02-T01	FO	SUBMIT SODIUM DISPOSITION EVALUATION REPORT/DECISION POINT	In Abeyance
B19-99-301	M-81-00-T02	FO	COMPLETE TRANSFER OF IRRADIATED FUEL TO DRY CASK STORAGE	In Abeyance
B19-99-302	M-81-00-T03	FO	COMPLETE TRANSFER OF UNIRRADIATED FUEL TO PFP	In Abeyance
B19-99-303	M-81-00-T04	FO	COMPLETE TRANSFER OF SPECIAL FUEL TO INEL FOR STORAGE	In Abeyance
B69-99-302	M-92-10	FO	SUBMIT HANFORD SITE SODIUM MANAGEMENT PLAN TO ECOLOGY	In Abeyance
B17-99-102	M-81-03	FO	SUBMIT FFTF END POINT CRITERIA DOCUMENT	In Abeyance
B19-99-401	M-81-04-T02	FO	COMPLETE INTERIM DECAY STORAGE/FUEL STORAGE FACILITY SODIUM DRAIN	In Abeyance
B17-00-101	M-20-29A	FO	SUBMIT SODIUM STORAGE FACILITY & SODIUM REACTION FACIL CLOSURE PL	TBD
B19-00-401	M-81-04	FO	COMPLETE FFTF SODIUM DRAIN	In Abeyance
B19-01-501	M-81-00-T05	FO	COMPLETE AUXILIARY SYSTEMS DEACTIVATION	In Abeyance
B17-01-101	M-81-05	FO	SUBMIT FFTF SURVEILLANCE AND MAINTENANCE PLAN	In Abeyance
B19-01-502	M-81-06	FO	COMPLETE PCB TRANSFORMER DISPOSAL	In Abeyance
B17-02-101	M-81-00	FO	COMPLETE FFTF TRANSITION AND INITIATE THE S&M PHASE	In Abeyance
B69-99-302	M-92-10	FO	SUBMIT HANFORD SITE SODIUM PROJECT MANAGEMENT PLAN	In Abeyance
B19-99-402	M-92-09	FO	COMPLETE ACQUISITION FACILITIES DISPOSAL OF HANFORD SITE SODIUM	In Abeyance

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4.0 COSTS

The Advanced Reactors Transition and FFTF Standby cost estimates have been developed using Activity based Cost (ABC) estimating techniques. Dependent upon the task, the estimating basis may be historical, based on best judgement, definitive, or a combination of these. Planning rates and escalation applied to these estimates are consistent with those developed by the Fluor Daniel Hanford Company (FDH) Chief Financial Officer and approved by RL. The FFTF Transition Project Office maintains the supporting information in the 400 Area, 4710 Building.

4.1 Cost Detail

Cost reports are presented in Appendix B. These reports document the budgeted resource usage, the fully burdened resource rate, and the resource cost, as well as cost subtotals for the various tasks. Costs for FFTF (WBS 2.1.1.1.21.1.1) are presented only for the current fiscal year, due to the lack of a defined mission. Costs for NE Legacies and PRTR (WBS 1.12.1) are presented for the life cycle of these projects. Costs shown in these reports for FY 2000 are in current year dollars using current rates; for FY 2001 and beyond, FY 2001 dollars and rates are used. Any additional escalation must be accounted for manually.

Additional costs paid directly by RL, such as FFTF radiological and non-radiological laundry fees and NE Legacy steam expenses, are not included in the Appendix B reports.

4.2 Cost Baseline

4.2.1 Cost Baseline by Year

Table 4.1 shows the Advanced Reactors Transition cost baseline by year. The FFTF cost baseline has only been established for the current year, refer to Table 4.2.

4.2.2 Current Year Cost Baseline

Table 4.3 lists the FY 1999 cost baseline for each Cost account Charge Number in the ART and FFTF projects. The backup detail is provided in Appendix B.

4.3 Budget Authority

Table 4.4 identifies the budget authority planning basis. Final budget authority will be identified in the RL financial plan.

4.4 Planned Staffing

The ART planned staffing for NE Legacies and PRTR/309 Building activities is: 8.0 FTE

The FFTF planned staffing is 254 direct staff for FY 2000 with an additional 13 FTE of supporting staff from outside of the FFTF organization. The supporting staff FTE may or may not represent a discrete individual. These supporting FTE include Protection Technology Hanford exempt, non-exempt and crafts, DynCorp crafts and custodial support personnel, and WMH corrective action management personnel. Out-year staffing will be a function of the mission decision.

TABLE 4.1 ART (RL-TP11) LIFECYCLE COSTS BY FISCAL YEAR

	FY 1997 Actuals	FY 1998 Actuals	FY 1999 Actuals	FY 2000	FY 2001	FY2002	FY 2003	FY 2004	LIFE CYCLE
ART S&M									
NE Legacies	780	490	402	413	513	513	478	460	
309 Bldg	744	714	458	709	797	797	766		
TOTAL:	1,524	1,204	860	1,122	1,310	1,310	1,244	460	9,437
ART Deactivation									
NE Legacies	1,813	1,214	84	86	1,265	1,286	596	528	6,857
309 Bldg	1,280	231	531	110	1,063	1,227	50	0	4,628
FFTF Costs	9,929	36,853							46,782
Escalation					71	150	109	77	407
PERFORMANCE BASELINE	14,546	39,502	1,475	1,318	3,709	3,973	1,999	1,065	68,111
RL Direct Funded			79	100	100	100	100	100	598
Escalation					2	4	6	9	21
TP11 TOTAL	14,546	39,502	1,554	1,418	3,811	4,077	2,105	1,174	68,730

TABLE 4.2 FFTF COSTS BY FISCAL YEAR

	FY 1997 Actuals	FY 1998 Actuals	FY 1999 Actuals	FY 2000	FY 2001	FY2002	FY 2003	FY 2004		LIFE CYCLE
FFTF Costs	28,433		37,267	41,812	TBD	TBD	TBD	TBD		TBD
Escalation										
PERFORMANCE BASELINE	28,433		37,267	41,812						
Spare Parts Transfer	9,804									
RL Direct Funded			77	98						
Escalation										
NE TOTAL	38,237	0	37,344	41,910						

TABLE 4.3 PHMC FEE ALLOCATION**
(Dollars in $000's)

CaCN	Description	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004
101557	FFTF TPO	1,932	1,376	2,000	TBD	TBD	TBD	TBD
101541	NE Legacies Occupancy	82	28	35	120	120	85	100
101547	309 Building Facility	80	36	45	120	120	95	0
	TOTAL:	2,094	1,440	2,080	240	240	180	100

** Fee was funded from G&A in FY 1997

TABLE 4.4 FY 2000 COST BASELINE

ADVANCED REACTORS TRANSITION

WBS No	CaCN	Title	Manager	FY 2000 Budget ($K)
1.12.1	ADVANCED REACTORS TRANSITION			
1.12.1.1	NE Legacy Facilities			
1.12.1.1.1	Maintain Safe & Compliant NE Legacy Facilities			-
1.12.1.1.1.1	101541	NE Legacies Occupancy	W. F. Brehm	413
1.12.1.1.2	Transition NE Legacy Facilities			-
1.12.1.1.2.1	101542	Remove and Ship 337 Controls & Piping	W. F. Brehm	0
1.12.1.1.2.2	101543	Clean 221-T Tanks	W. F. Brehm	86
1.12.1.1.2.3	101544	Complete Options for Non-Rad Sodium	W. F. Brehm	0
1.12.1.1.2.4	101545	Clean 3718-M Storage Tank	W. F. Brehm	0
1.12.1.1.2.5	101546	NE Legacy Support	W. F. Brehm	0
1.12.1.2	309 Facility			
1.12.1.2.1	Maintain Safe & Compliant 309 Building			-
1.12.1.2.1.1	101547	309 Building Facility	I. L. Metcalf	709
1.12.1.2.2	Transition 309 Building			-
1.12.1.2.2.1	101548	Stabilize TW Tank Farm	I. L. Metcalf	0
1.12.1.2.2.2	101549	Stabilize PRTR Fuel Storage Basin	I. L. Metcalf	0
1.12.1.2.2.3	101550	Stabilize PRTR Reactor Cavity	I. L. Metcalf	0
1.12.1.2.2.4	101551	Fuel Exam Cell	I. L. Metcalf	0
1.12.1.2.2.5	101552	Stabilize PRTR Fuel Transfer Pit	I. L. Metcalf	110
1.12.1.2.2.6	101553	Cleanout Balance of PRTR Containment	I. L. Metcalf	0
1.12.1.2.2.7	101554	Stabilize PRTR Bldg Stack and Pits	I. L. Metcalf	0
1.12.1.2.2.8	101555	Facility Document Updates	I. L. Metcalf	0
1.12.1.2.2.9	101556	Transition 309 Building to Shutdown	I. L. Metcalf	0
				1,318

TABLE 4.4 FY 2000 COST BASELINE (Cont'd)

FAST FLUX TEST FACILITY

WBS No	CaCN	Title	Manager	Budget ($K)
2.1.1.21.1.1	FAST FLUX TEST FACILITY			
2.1.1.21.1.1.1	Maintain Safe and Compliant Materials in FFTF			
2.1.1.21.1.1.1.1	Project Management			
2.1.1.21.1.1.1.1.1	101557	Transition Project Office	R. K. Hulvey	3,006
2.1.1.21.1.1.1.1.2	101558	Advanced Reactors Planning and Scheduling	W. V. Witherspoon	900
2.1.1.21.1.1.1.1.3	101559	Advanced Reactors Planning Integration	D. A. Gantt	508
2.1.1.21.1.1.1.1.4	101560	FFTF S/RIDs Administration	W. L. Marshall	258
2.1.1.21.1.1.1.1.5	101561	FFTF Project Management	J. R. Montano	1,104
2.1.1.21.1.1.1.1.13	110245	EIS Support	R. K. Hulvey	383
2.1.1.21.1.1.1.2	FFTF Security			
2.1.1.21.1.1.1.2.1	101562	FFTF Safeguards and Security	D. A. Gantt	4,436
2.1.1.21.1.1.1.3	Inventory			
2.1.1.21.1.1.1.3.1	101563	Spare Parts Inventory Change	J. R. Montano	149
2.1.1.21.1.1.1.3.2	101564	Spares Adjustments	J. R. Montano	71
2.1.1.21.1.1.1.4	FFTF Operations			
2.1.1.21.1.1.1.4.1	101565	Maintain FFTF Operations Status	S. V. Doebler	9,519
2.1.1.21.1.1.1.4.3	101566	Analysis and Support	R. L. Mounce	1,174
2.1.1.21.1.1.1.4.4	101567	FFTF Nuclear Training	D. J. Rovira	744
2.1.1.21.1.1.1.4.5	101568	Training Policies and Procedures	D. J. Rovira	79
2.1.1.21.1.1.1.5	FFTF ES&H			
2.1.1.21.1.1.1.5.1	101569	400 Area Radiological Control	L. A. Nelsen	989
2.1.1.21.1.1.1.5.2	101570	FFTF Environmental Management	S. E. Killoy	855
2.1.1.21.1.1.1.5.3	101571	Sampling and Laboratory Analysis	S. E. Killoy	78
2.1.1.21.1.1.1.5.4	101572	FFTF Waste Characterization	S. E. Killoy	83
2.1.1.21.1.1.1.5.5	101573	FFTF Pollution Prevention	S. E. Killoy	10
2.1.1.21.1.1.1.5.6	101574	Low Level Radioactive Waste Disposal	S. E. Killoy	31
2.1.1.21.1.1.1.5.7	101575	FFTF Waste Disposal	S. E. Killoy	34
2.1.1.21.1.1.1.5.8	101576	FFTF Safety	R. O. Zimmerman	945
2.1.1.21.1.1.1.5.9	101577	FFTF Quality Assurance	R. O. Zimmerman	502
2.1.1.21.1.1.1.6	Engineering			
2.1.1.21.1.1.1.6.1	101578	FFTF Engineering Administration	S. Guttenberg	284
2.1.1.21.1.1.1.6.2	101579	Auxiliary Systems Electrical Engineering	S. H. Crow	1,248
2.1.1.21.1.1.1.6.3	101580	FFTF Mechanical Equipment & Inspection Support	D. L. Polzin	953
2.1.1.21.1.1.1.6.4	101581	FFTF Reactor Systems Mechanical Engineering	T. M. Burke	1,036
2.1.1.21.1.1.1.6.5				
2.1.1.21.1.1.1.6.6				
2.1.1.21.1.1.1.6.7	101584	G-3 Generator Repair Materials	T. M. Burke	12
2.1.1.21.1.1.1.6.8				
2.1.1.21.1.1.1.7	Maintenance			
2.1.1.21.1.1.1.7.1	101585	FFTF Maintenance	G. J. Boehnke	8,637
2.1.1.21.1.1.1.8	Fuels & Materials Examination Facility			
2.1.1.21.1.1.1.8.1	101586	FMEF	S. V. Doebler	271
2.1.1.21.1.1.2.	Remove Materials from FFTF			
2.1.1.21.1.1.2.1	Fuel Storage and Offload Equipment			
2.1.1.21.1.1.2.1.2	101587	Fuel Handling I&C Administration	G. N. Ruge	1,205
2.1.1.21.1.1.2.2.2	101588	Solid Waste Cask Repair	S. W. Hiller	718
2.1.1.21.1.1.2.4.1	101590	CLEM Control System Upgrade	G. N. Ruge	323
2.1.1.21.1.1.2.5.1	101591	IEMC & Refueling Mechanical Engineering	S. W. Hiller	999
2.1.1.21.1.1.2.6.1	101592	Sodium Removal System Control System Upgrade	G. N. Ruge	268
				41,812

TABLE 4.5 FY 2000 BUDGET AUTHORITY

Funding Type/Source	RL-TP11	FFTF
FY 2000 Appropriation (Expected)	$1,418	$40,000
RL Hold Back for Direct Funded Support (Expected)	-100	-98
New Budget Authority	$1,318	$39,902
Project Carryover	0	$1,900
TOTAL PLANNED B/A	$1,318	$41,802

5.0 RESOURCE LOADED SCHEDULE BASIS

The Resource Loaded Schedule (RLS) is the result of a multi-step process. The steps involve developing project plans, a work breakdown structure, detailed workscope and logic relationships, and resource assignments. The resulting information was input to the Primavera Project Planner (P3)[1] computer program. This software program is a site-wide project management-scheduling standard.

5.1 Methodology and Historical Basis

The initial development of the FFTF Transition Project RLS is described in Reference 13. The RLS has been managed by formal change control since being interfaced with the Hanford Site Financial Data System at the beginning of FY 1995. The NE Legacies and 309 Building activities were added into the RLS as it matured and this workscope was added to the ART Program. The RLS became the ART Program RLS in 1995.

The RLS continues to be maintained as an activity based document. Baseline estimates are periodically reviewed and revised as workscope is better defined and project experience adds to the historical basis. Baseline adjustments are documented and entered into the P3 database in the normal course of project development.

Cognizant plant personnel for assigned tasks develop estimates. These estimates are reviewed and revised on a periodic basis and as new information is developed through changes in guidance or through experience.

5.2 Basic Data and Estimate Backup Sheets

The development and maintenance of the RLS is directly supported by a large set of basic data and estimate backup sheets (referred to as backup files). These files document the assumptions, resource needs and estimated costs of transition activities. The current estimate basis is documented on "Cost Estimate Input Sheets" which document the FY 2000 planning basis.

Several other types of backup files are available to support this RLS. One such group of files is the System Shutdown Assessment Plans for each FFTF system. FFTF Engineering developed these plans as the baseline documents for initial input to the RLS and system and component shutdown technical planning. The plans are issued as Supporting Documents and are maintained by formal change control. These files can be accessed through the FFTF Engineering group.

A more recent set of estimate inputs were entered on Excel spreadsheet task/activity planning and estimating sheets, which provided data electronically into both Project/2, Series X (P/X)[2] and the Interactive Estimating Software Tool (IEST) data base. P/X has subsequently been converted to P3. These estimates were updated again as a part of the fiscal year planning process.

The resource estimate and logic file provides a historical basis and an estimate basis. This file is based upon the System Shutdown Assessment Plans. The data was directly input into the P/X software database, from which the resource loaded schedules and cost estimates at the task package level were developed. As more knowledge is gained on specific activities, the level of detail applied to logic and resource needs can be enhanced. These files can be obtained from the FFTF Planning and Scheduling Integration group.

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[1] P3 and Primavera Project Planner are trade names of Primavera Systems, Inc.
[2] Project/2, Series X (P/X) is a trade name of Project Software & Development, Inc.

Other backup files include historical data from the Job Control System-Automated Data Program (e.g., corrective and preventive maintenance, performance of compliance activities in the areas of operational surveillances, environmental and fire system compliance checks, and instrument calibrations); detailed refueling plans; IEM Cell work plans; past Plan-of-the-Day scheduling meetings; and special operational procedures. These files can be obtained from the FFTF Planning and Scheduling Integration group and FFTF Maintenance organization.

The PRTR/309 Building estimates were initially performed by an outside contractor and documented in reference 4. The project management team, based upon actual performance during deactivation, has refined these estimates.

All changes to the P3 database affecting the program baseline are formally documented using a Baseline Change Request (BCR) form. These BCR's, which contain a description of the change and justification, also become part of the RLS backup files. They can be obtained from the FFTF Planning and Scheduling Integration group.

6.0 BASELINE CHANGE CONTROL

Changes to the ART Program cost, schedule and technical baselines are managed and controlled in compliance with the RL Project Management System (Reference 14) and HNF-PRO-533. The project plans, the RLS, and the current ART Program MYWP define the ART baseline. The RLS provides project cost and schedule information consistent with the project plans. The ART Program MYWP is the authorizing document for implementation of the project plans and the RLS. The plans, RLS, and MYWP are supporting documents controlled by formal change control via engineering change notice.

The following software systems track project baseline information at the site level:

Hanford Site Technical Data Base (HSTD) tracks site integration level information from the "Technical Baseline."

P-3 provides the project "cost and schedule" baseline. Baseline and performance information is transferred from this software to "PERF" performance module and from PERF to the "Hanford Data Integration" (HANDI) module. PERF and HANDI, however, are data collection and reporting tools; the baseline is maintained in P3.

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7.0 REFERENCES

1. HNF-SD-FF-SSP-056, Rev. 1, "Fast Flux Test Facility Standby Plan," B&W Hanford Company, January 30, 1998.

2. WHC-SD-FF-MP-001, Rev. 1, "Hanford Site Sodium Management Plan," Westinghouse Hanford Company, September 26, 1995.

3. Deleted.

4. WHC-SD-SP-SSP-001, Rev. 1, "309 Building Transition Plan," Westinghouse Hanford Company, April 28, 1995.

5. Hanford Data Integration (Handi) data base, "Fiscal Year 2000 Multi-Year Work Plan Advanced Reactors Transition Program," 10/1/99 version.

6. DOE Press Release, R-97-002, "Energy Department's Hanford Reactor put on 'Hot Standby,'" dated January 15, 1997.

7. Letter, S. A. Sieracki, RL, to H. J. Hatch, FDH, "Contract No. DE-AC06-96RL13200: Advanced Reactors Transition (ART) Program Direction," 97-TPD-003, dated January 18, 1997.

8. Letter, L. J. Olguin, FDH, to W. F. Heer, BWHC, "Contract No. DE-AC06-96RL13200: Advanced Reactors Transition (ART) Project Direction," 9751456A R1, dated March 4, 1997.

9. Memorandum, D. A. Dreyfus, Acting Director, Office of Nuclear Energy, to J. D. Wagoner, RL, "Commence Fast Flux Test Facility Shutdown (FFTF) Activities," dated December 15, 1993.

10. Letter, J. D. Wagoner, RL, to T. M. Anderson, WHC, "Fast Flux Test Facility (FFTF) Shutdown," OTD:OAF, dated December 15, 1993.

11. WHC-SD-FF-SSP-004, Rev. 3, "Fast Flux Test Facility Stabilization Project Plan," B&W Hanford Company, November 15, 1996.

12. Deleted.

13. WHC-SD-FF-SSP-050, Rev. 1, "Fast Flux Test Facility Transition Project Resource Loaded Schedule," Westinghouse Hanford Company, October 31, 1994.

14. DOE 4700.1, Rev. 2, "Project Management System," U.S. Department of Energy, June 2, 1992.

15. Deleted.

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APPENDIX A

SCHEDULES

Project	Page
Advanced Reactors Transition	
NE Legacy Facilities	83
309 Building Facility	84
Fast Flux Test Facility	93

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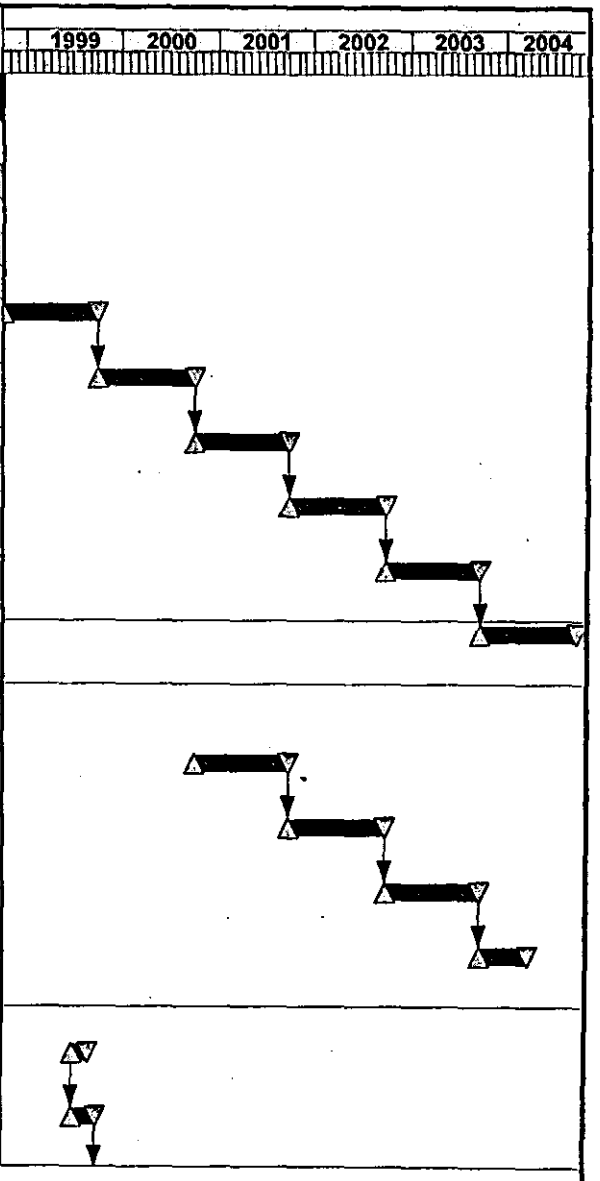
Activity ID	Activity Description	WBS	Orig Dur	Early Start	Early Finish
SITE ENVIRONMENTAL MANAGEMENT					
ADVANCED REACTORS TRANSITION					
ADVANCED REACTORS TRANSITION PBS (RL-TP10)					
NE LEGACY FACILITIES					
MAINTAIN SAFE & COMPLIANT NE LEGACIES					
NE LEGACIES OCCUPANCY					
LO0040	FY1999 LEGACY OCCUPANCY	1.12.01.01.01.01	251	01OCT98	30SEP99
LO0060	FY2000 LEGACY OCCUPANCY	1.12.01.01.01.01	252	01OCT99	29SEP00
LO0080	FY2001 LEGACY OCCUPANCY	1.12.01.01.01.01	251	02OCT00	28SEP01
LO0100	FY2002 LEGACY OCCUPANCY	1.12.01.01.01.01	252	01OCT01	30SEP02
LO0120	FY2003 LEGACY OCCUPANCY	1.12.01.01.01.01	252	01OCT02	30SEP03
LO0140	FY2004 LEGACY OCCUPANCY	1.12.01.01.01.01	253	01OCT03	30SEP04
TRANSITION NE LEGACY FACILITIES					
REMOVE & SHIP 337 CONTROLS & PIPING					
LE0030	REMOVE & SHIP 337 CONTROLS & PIPING FY01	1.12.01.01.02.01	251	02OCT00*	28SEP01
LE0040	REMOVE & SHIP 337 CONTROLS & PIPING FY02	1.12.01.01.02.01	252	01OCT01	30SEP02
LE0050	REMOVE & SHIP 337 CONTROLS & PIPING FY03	1.12.01.01.02.01	252	01OCT02	30SEP03
LE0060	REMOVE & SHIP 337 CONTROLS & PIPING FY04	1.12.01.01.02.01	126	01OCT03	01APR04
CLEAN 221-T TANKS					
LE0070	INSPECT CRCTA 221T WETTING STATION TANKS	1.12.01.01.02.02	41	01JUL99*	30AUG99
LE0075	CLEAN 221-T & WETTING STATION TANKS FY99	1.12.01.01.02.02	63	01JUL99	30SEP99



Project Start 01OCT98
Project Finish 30SEP04
Data Date 01OCT98
Run Date 04OCT99

Early Bar
Progress Bar
Critical Activity

ARBL

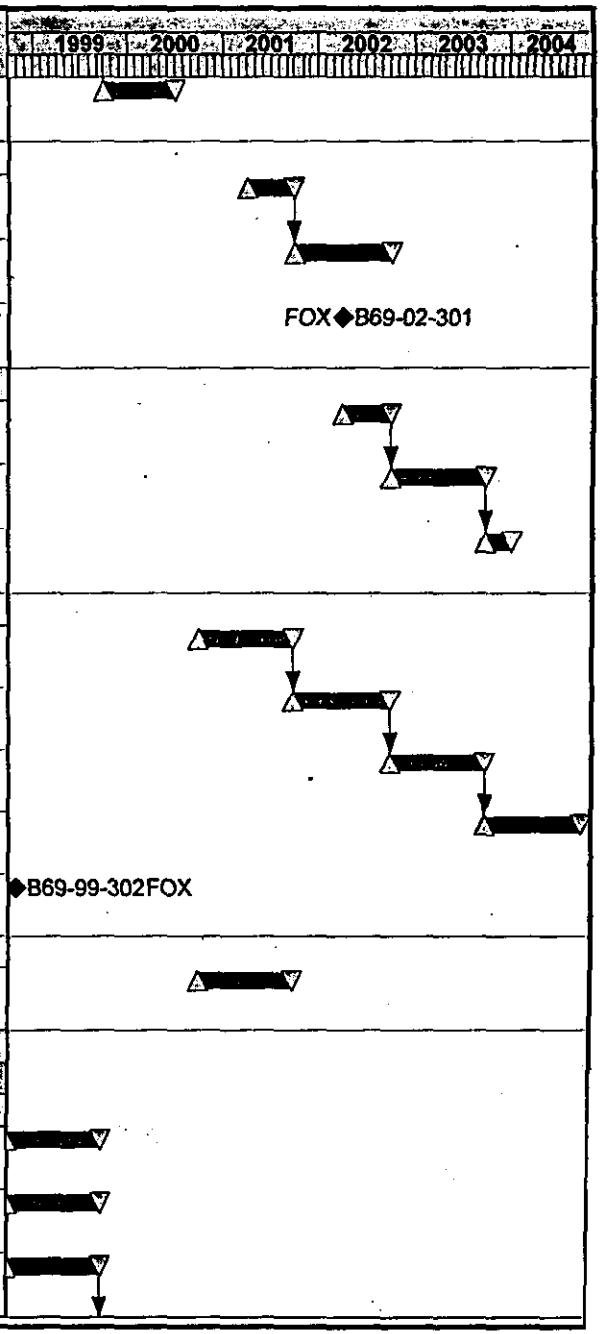
Sheet 1 of 9

B & W HANFORD CO.

ADVANCED REACTORS TRANSITION

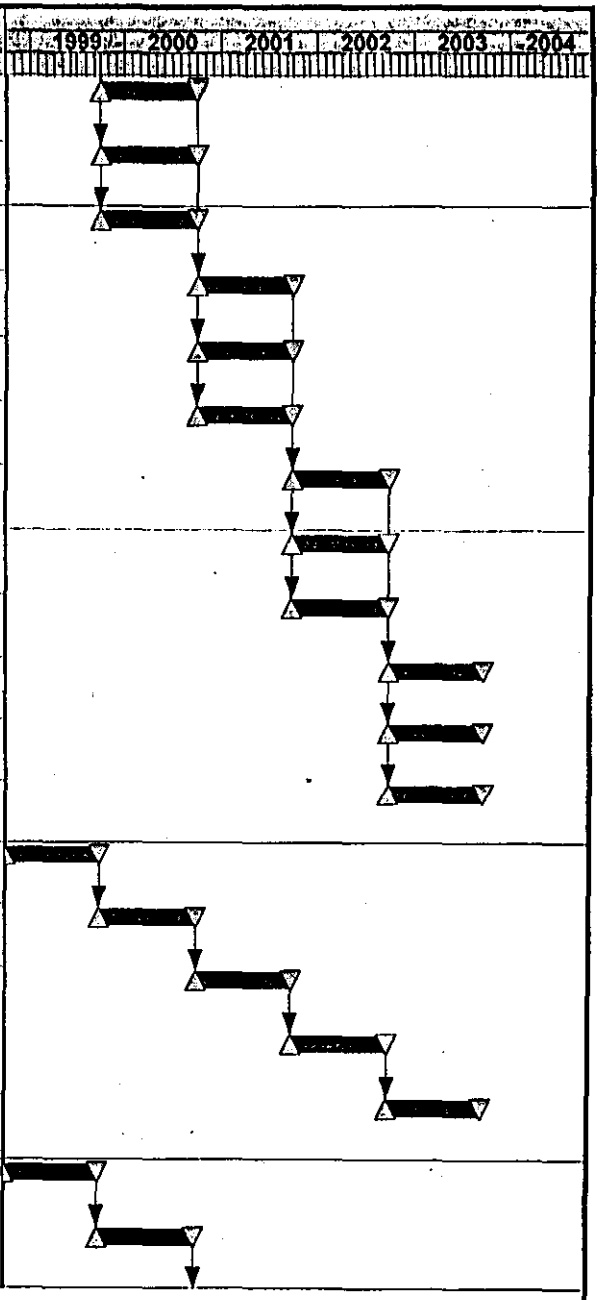
B&W Hanford Company

Activity ID	Activity Description	WBS	Orig Dur	Early Start	Early Finish
LE0078	CLEAN 221-T & WETTING STATION TANKS FY00	1.12.01.01.02.02	189	01OCT99	30JUN00
COMPLETE OPTIONS FOR NON RAD SODIUM					
LE0090	Drain/Clean CRCTA Vessel FY01	1.12.01.01.02.03	127	02APR01*	28SEP01
LE0100	Drain/Clean CRCTA Vessel FY02	1.12.01.01.02.03	252	01OCT01	30SEP02
LE0105	MX-92-11-T01 COMPL DISP OPTIONS FOR NR SODIUM	1.12.01.01.02.03	0		29MAR02*
CLEAN 3718-M STORAGE TANK					
LE0130	CLEAN 3718-M STORAGE TANK FY02	1.12.01.01.02.04	126	03APR02*	30SEP02
LE0140	CLEAN 3718-M STORAGE TANK FY03	1.12.01.01.02.04	252	01OCT02	30SEP03
LE0150	CLEAN 3718-M STORAGE TANK FY04	1.12.01.01.02.04	64	01OCT03	05JAN04
NE LEGACY SUPPORT					
LE0170	FY 2001 NE LEGACIES NA DISPOSITION PRJ. SUPP.	1.12.01.01.02.05	251	02OCT00*	28SEP01
LE0180	FY 2002 NE LEGACIES NA DISPOSITION PRJ. SUPP.	1.12.01.01.02.05	252	01OCT01	30SEP02
LE0190	FY 2003 NE LEGACIES NA DISPOSITION PRJ. SUPP.	1.12.01.01.02.05	252	01OCT02	30SEP03
LE0200	FY 2004 NE LEGACIES NA DISPOSITION PRJ. SUPP.	1.12.01.01.02.05	253	01OCT03	30SEP04
LE0310	M-92-10 SUBMIT HANFORD SITE Na PROJ MGT PLAN	1.12.01.01.02.05	0		31OCT98*
337 B CRANE REPAIR					
LE0410	337 B CRANE REPAIR	1.12.01.01.02.06	251	02OCT00*	28SEP01
309 BUILDING FACILITY					
MAINTAIN SAFE & COMPLIANT 309 BUILDING					
309 BUILDING SURVEILLANCE AND MAINTENANCE					
PO1100	309 BLDG MANAGEMENT AND SUPPORT FY99	1.12.01.02.01.01	251	01OCT98	30SEP99
PO1102	309 BLDG MANAGEMENT AND SUPPORT FY99	1.12.01.02.01.01	251	01OCT98	30SEP99
PO1104	309 BLDG MANAGEMENT AND SUPPORT FY99	1.12.01.02.01.01	251	01OCT98	30SEP99



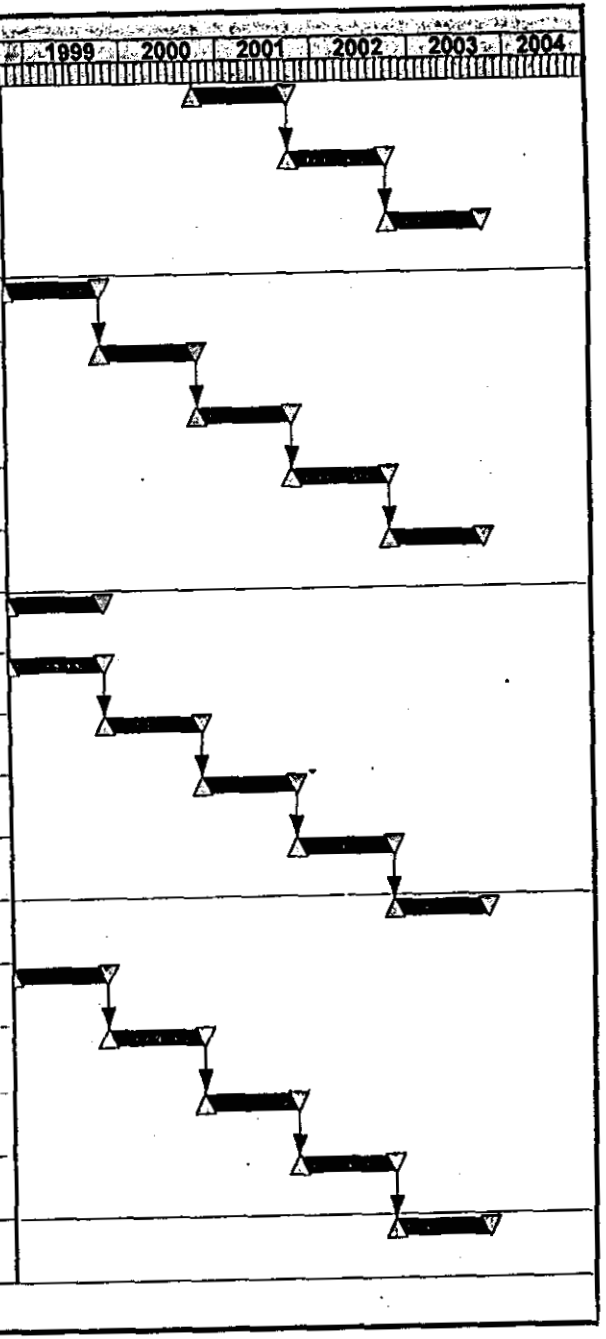
Sheet 2 of 9

Activity ID	Activity Description	WBS	Orig Dur	Early Start	Early Finish
PO1120	309 BLDG MANAGEMENT AND SUPPORT FY00	1.12.01.02.01.01	252	01OCT99	29SEP00
PO1122	309 BLDG MANAGEMENT AND SUPPORT FY00	1.12.01.02.01.01	252	01OCT99	29SEP00
PO1124	309 BLDG MANAGEMENT AND SUPPORT FY00	1.12.01.02.01.01	252	01OCT99	29SEP00
PO1140	309 BLDG MANAGEMENT AND SUPPORT FY01	1.12.01.02.01.01	251	02OCT00	28SEP01
PO1142	309 BLDG MANAGEMENT AND SUPPORT FY01	1.12.01.02.01.01	251	02OCT00	28SEP01
PO1144	309 BLDG MANAGEMENT AND SUPPORT FY01	1.12.01.02.01.01	251	02OCT00	28SEP01
PO1160	309 BLDG MANAGEMENT AND SUPPORT FY02	1.12.01.02.01.01	252	01OCT01	30SEP02
PO1162	309 BLDG MANAGEMENT AND SUPPORT FY02	1.12.01.02.01.01	252	01OCT01	30SEP02
PO1164	309 BLDG MANAGEMENT AND SUPPORT FY02	1.12.01.02.01.01	252	01OCT01	30SEP02
PO1170	309 BLDG MANAGEMENT AND SUPPORT FY03	1.12.01.02.01.01	252	01OCT02	30SEP03
PO1172	309 BLDG MANAGEMENT AND SUPPORT FY03	1.12.01.02.01.01	252	01OCT02	30SEP03
PO1174	309 BLDG MANAGEMENT AND SUPPORT FY03	1.12.01.02.01.01	252	01OCT02	30SEP03
PO1200	309 BLDG TRAINING	1.12.01.02.01.01	251	01OCT98	30SEP99
PO1210	309 BLDG TRAINING	1.12.01.02.01.01	252	01OCT99	29SEP00
PO1220	309 BLDG TRAINING	1.12.01.02.01.01	251	02OCT00	28SEP01
PO1230	309 BLDG TRAINING	1.12.01.02.01.01	252	01OCT01	30SEP02
PO1240	309 BLDG TRAINING	1.12.01.02.01.01	252	01OCT02	30SEP03
PO1300	309 BLDG BASELINE CONTROL/PBS/MYPP	1.12.01.02.01.01	251	01OCT98	30SEP99
PO1310	309 BLDG BASELINE CONTROL/PBS/MYPP	1.12.01.02.01.01	252	01OCT99	29SEP00



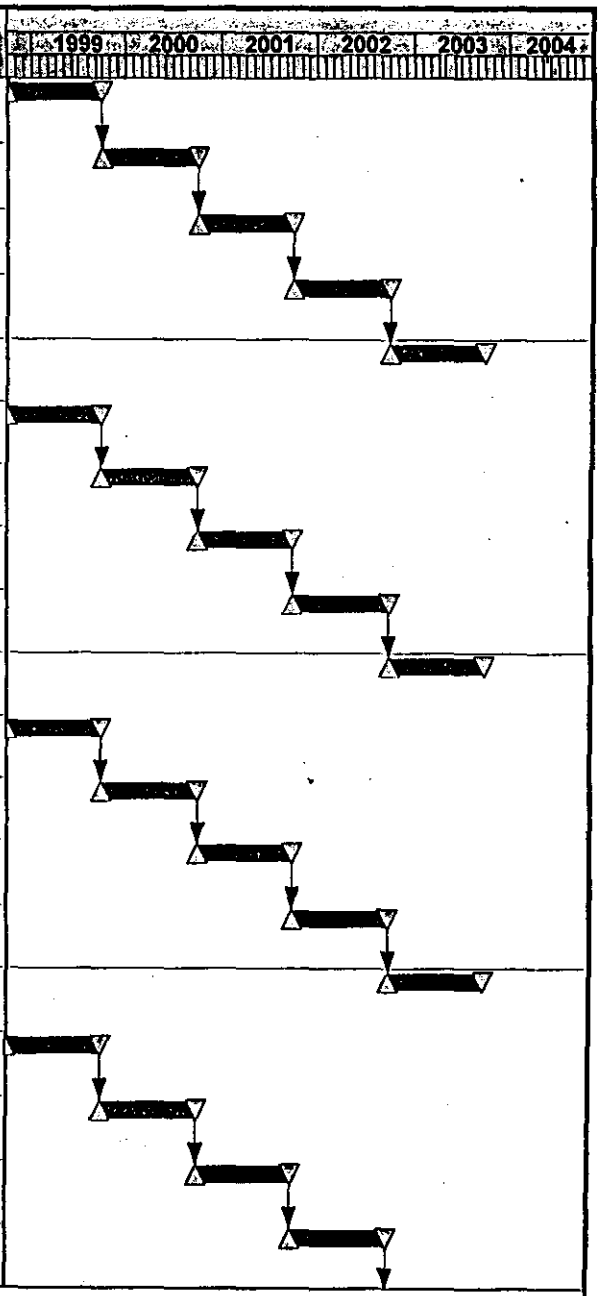
Sheet 3 of 9

Activity ID	Activity Description	WBS	Orig Dur	Early Start	Early Finish
PO1320	309 BLDG BASELINE CONTROL/PBS/MYPP	1.12.01.02.01.01	251	02OCT00	28SEP01
PO1330	309 BLDG BASELINE CONTROL/PBS/MYPP	1.12.01.02.01.01	252	01OCT01	30SEP02
PO1340	309 BLDG BASELINE CONTROL/PBS/MYPP	1.12.01.02.01.01	252	01OCT02	30SEP03
PO1400	309 BLDG UTILITIES AND ASSESSEMENTS	1.12.01.02.01.01	251	01OCT98	30SEP99
PO1410	309 BLDG UTILITIES AND ASSESSEMENTS	1.12.01.02.01.01	252	01OCT99	29SEP00
PO1420	309 BLDG UTILITIES AND ASSESSEMENTS	1.12.01.02.01.01	251	02OCT00	28SEP01
PO1430	309 BLDG UTILITIES AND ASSESSEMENTS	1.12.01.02.01.01	252	01OCT01	30SEP02
PO1440	309 BLDG UTILITIES AND ASSESSEMENTS	1.12.01.02.01.01	252	01OCT02	30SEP03
PO2100	309 BLDG EMERGENCY PLANNING &	1.12.01.02.01.01	251	01OCT98	30SEP99
PO2200	309 BLDG PROCEDURE PREPERATION AND MAINT	1.12.01.02.01.01	251	01OCT98	30SEP99
PO2210	309 BLDG PROCEDURE PREPERATION AND MAINT	1.12.01.02.01.01	252	01OCT99	29SEP00
PO2220	309 BLDG PROCEDURE PREPERATION AND MAINT	1.12.01.02.01.01	251	02OCT00	28SEP01
PO2230	309 BLDG PROCEDURE PREPERATION AND MAINT	1.12.01.02.01.01	252	01OCT01	30SEP02
PO2240	309 BLDG PROCEDURE PREPERATION AND MAINT	1.12.01.02.01.01	252	01OCT02	30SEP03
PO2300	309 BLDG INDEPENDENT OVERSITE	1.12.01.02.01.01	251	01OCT98	30SEP99
PO2310	309 BLDG INDEPENDENT OVERSITE	1.12.01.02.01.01	252	01OCT99	29SEP00
PO2320	309 BLDG INDEPENDENT OVERSITE	1.12.01.02.01.01	251	02OCT00	28SEP01
PO2330	309 BLDG INDEPENDENT OVERSITE	1.12.01.02.01.01	252	01OCT01	30SEP02
PO2340	309 BLDG INDEPENDENT OVERSITE	1.12.01.02.01.01	252	01OCT02	30SEP03



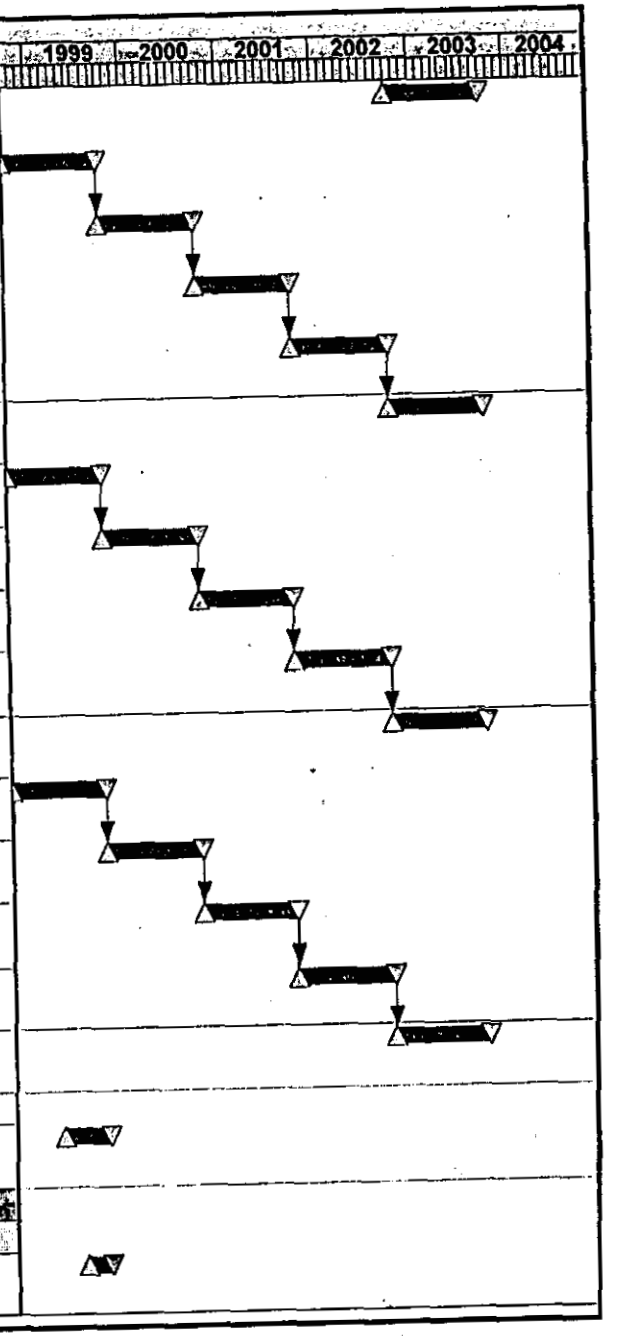
Sheet 4 of 9

Activity ID	Activity Description	WBS	Orig Dur	Early Start	Early Finish
PO2400	309 BLDG MANAGEMENT ASSESSMENTS	1.12.01.02.01.01	251	01OCT98	30SEP99
PO2410	309 BLDG MANAGEMENT ASSESSMENTS	1.12.01.02.01.01	252	01OCT99	29SEP00
PO2420	309 BLDG MANAGEMENT ASSESSMENTS	1.12.01.02.01.01	251	02OCT00	28SEP01
PO2430	309 BLDG MANAGEMENT ASSESSMENTS	1.12.01.02.01.01	252	01OCT01	30SEP02
PO2440	309 BLDG MANAGEMENT ASSESSMENTS	1.12.01.02.01.01	252	01OCT02	30SEP03
PO2500	309 BLDG ENVIRONEMTNETAL	1.12.01.02.01.01	251	01OCT98	30SEP99
PO2510	309 BLDG ENVIRONEMTNETAL	1.12.01.02.01.01	252	01OCT99	29SEP00
PO2520	309 BLDG ENVIRONEMTNETAL	1.12.01.02.01.01	251	02OCT00	28SEP01
PO2530	309 BLDG ENVIRONEMTNETAL	1.12.01.02.01.01	252	01OCT01	30SEP02
PO2540	309 BLDG ENVIRONEMTNETAL	1.12.01.02.01.01	252	01OCT02	30SEP03
PO3100	309 BLDG BUILDING OPERATIONS SURVEILANCE	1.12.01.02.01.01	251	01OCT98	30SEP99
PO3110	309 BLDG BUILDING OPERATIONS SURVEILANCE	1.12.01.02.01.01	252	01OCT99	29SEP00
PO3120	309 BLDG BUILDING OPERATIONS SURVEILANCE	1.12.01.02.01.01	251	02OCT00	28SEP01
PO3130	309 BLDG BUILDING OPERATIONS SURVEILANCE	1.12.01.02.01.01	252	01OCT01	30SEP02
PO3140	309 BLDG BUILDING OPERATIONS SURVEILANCE	1.12.01.02.01.01	252	01OCT02	30SEP03
PO3200	309 BLDG HEALTH PHYSICS SURVEILANCE	1.12.01.02.01.01	251	01OCT98	30SEP99
PO3210	309 BLDG HEALTH PHYSICS SURVEILANCE	1.12.01.02.01.01	252	01OCT99	29SEP00
PO3220	309 BLDG HEALTH PHYSICS SURVEILANCE	1.12.01.02.01.01	251	02OCT00	28SEP01
PO3230	309 BLDG HEALTH PHYSICS SURVEILANCE	1.12.01.02.01.01	252	01OCT01	30SEP02



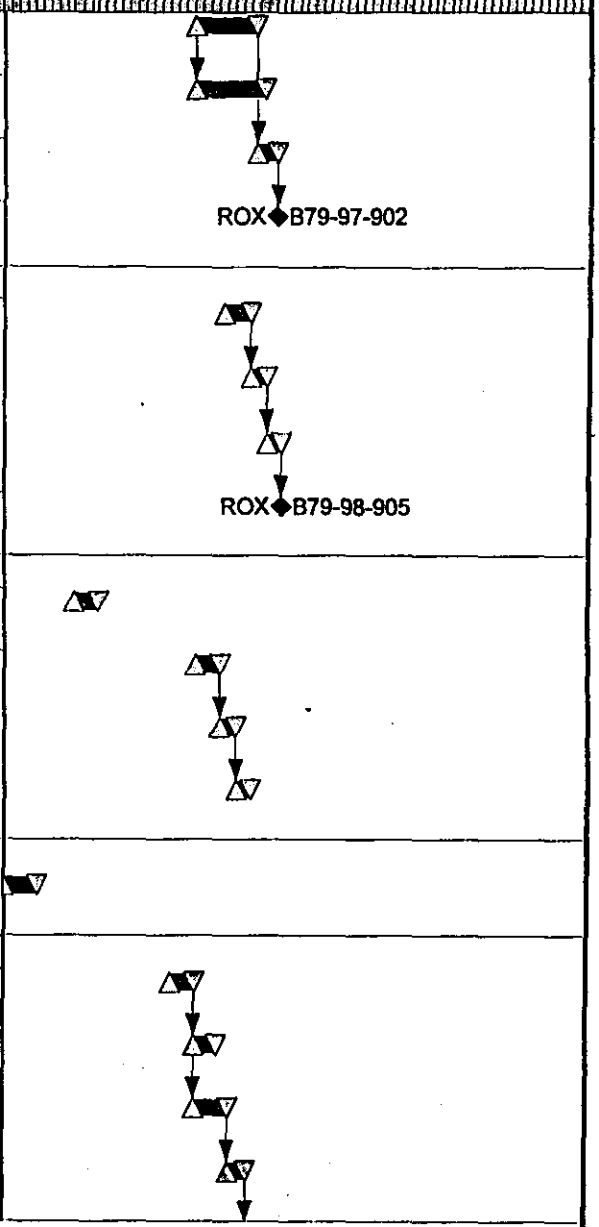
Sheet 5 of 9

Activity ID	Activity Description	WBS	Orig Dur	Early Start	Early Finish
PO3240	309 BLDG HEALTH PHYSICS SURVEILANCE	1.12.01.02.01.01	252	01OCT02	30SEP03
PO4100	309 BLDG CORECTIVE MAINTENANCE	1.12.01.02.01.01	251	01OCT98	30SEP99
PO4110	309 BLDG CORECTIVE MAINTENANCE	1.12.01.02.01.01	252	01OCT99	29SEP00
PO4120	309 BLDG CORECTIVE MAINTENANCE	1.12.01.02.01.01	251	02OCT00	28SEP01
PO4130	309 BLDG CORECTIVE MAINTENANCE	1.12.01.02.01.01	252	01OCT01	30SEP02
PO4140	309 BLDG CORECTIVE MAINTENANCE	1.12.01.02.01.01	252	01OCT02	30SEP03
PO4210	309 BLDG PREVENTIVE MAINTENANCE	1.12.01.02.01.01	251	01OCT98	30SEP99
PO4220	309 BLDG PREVENTIVE MAINTENANCE	1.12.01.02.01.01	252	01OCT99	29SEP00
PO4230	309 BLDG PREVENTIVE MAINTENANCE	1.12.01.02.01.01	251	02OCT00	28SEP01
PO4240	309 BLDG PREVENTIVE MAINTENANCE	1.12.01.02.01.01	252	01OCT01	30SEP02
PO4250	309 BLDG PREVENTIVE MAINTENANCE	1.12.01.02.01.01	252	01OCT02	30SEP03
PO4310	309 BLDG JOB PLANNING AND WORK CONTROL	1.12.01.02.01.01	251	01OCT98	30SEP99
PO4320	309 BLDG JOB PLANNING AND WORK CONTROL	1.12.01.02.01.01	252	01OCT99	29SEP00
PO4330	309 BLDG JOB PLANNING AND WORK CONTROL	1.12.01.02.01.01	251	02OCT00	28SEP01
PO4340	309 BLDG JOB PLANNING AND WORK CONTROL	1.12.01.02.01.01	252	01OCT01	30SEP02
PO4350	309 BLDG JOB PLANNING AND WORK CONTROL	1.12.01.02.01.01	252	01OCT02	30SEP03
SAMPLING & ANALYSIS BERYLLIUM 309 BLDG					
PO5350	SAMPLING & ANALYSIS BERYLLIUM - 309 BLDG	1.12.01.02.01.02	127	01APR99*	30SEP99
TRANSITION 309 BUILDING					
TRANSITION TW TANK FARM					
PP0030	TW TANK FARM IX COLUMN REMOVAL	1.12.01.02.02.01	66	28JUN99*	30SEP99

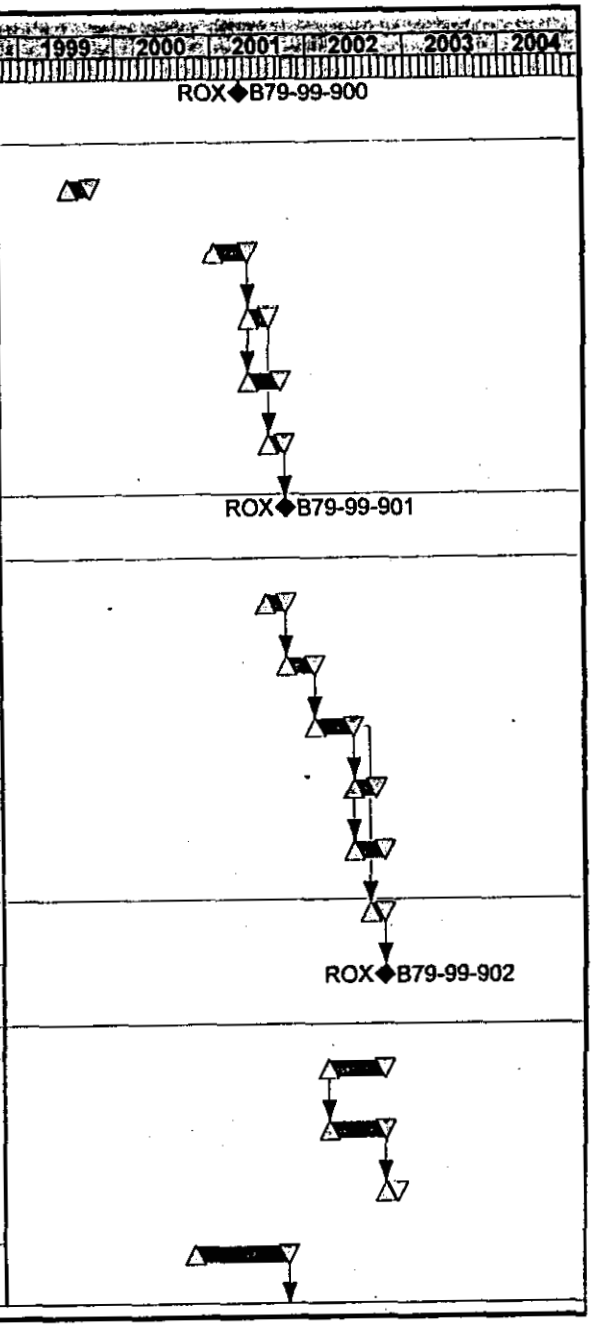


Sheet 6 of 9

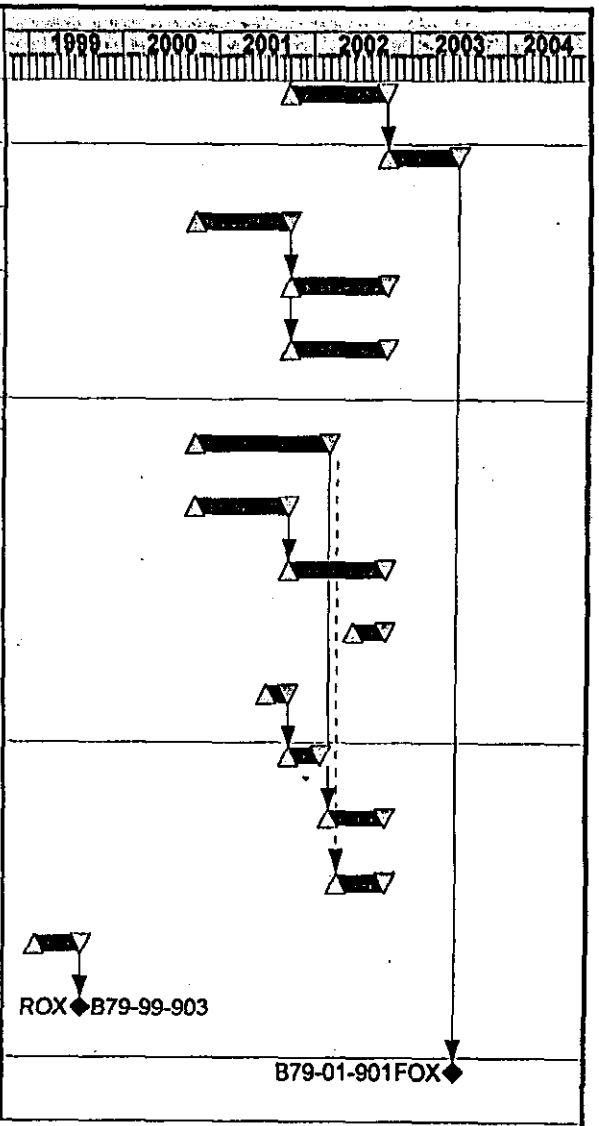
Activity ID	Activity Description	WBS	Orig Dur	Early Start	Early Finish
PP0040	CLEANOUT/STABILIZE - TW TANK FARM	1.12.01.02.02.01	160	02OCT00*	21MAY01
PP0050	WASTE SHIPMENT - TW TANK FARM	1.12.01.02.02.01	180	02OCT00	19JUN01
PP0060	CLOSEOUT - TW TANK FARM	1.12.01.02.02.01	50	22MAY01	01AUG01
PP0065	STABILIZE PRTR TRANSFER WASTE HOLD B79-97-902	1.12.01.02.02.01	0		01AUG01
STABILIZE PRTR FUEL STORAGE BASIN					
PP0085	CLEANOUT/STABILIZE - FUEL STORAGE BASIN	1.12.01.02.02.02	70	15JAN01*	23APR01
PP0090	WASTE SHIPMENT - FUEL STORAGE BASIN	1.12.01.02.02.02	45	24APR01	26JUN01
PP0100	CLOSEOUT TANK - FUEL STORAGE BASIN	1.12.01.02.02.02	40	27JUN01	22AUG01
PP0105	STABILIZE PRTR FUEL STORAGE BASIN B79-98-905	1.12.01.02.02.02	0		22AUG01
STABILIZE PRTR REACTOR CAVITY					
PP0110	CLEANOUT MATERIALS - PRTR REACTOR CAVITY	1.12.01.02.02.03	61	28JUN99*	23SEP99
PP0112	CLEANOUT/STABILIZE - PRTR REACTOR CAVITY	1.12.01.02.02.03	61	02OCT00*	29DEC00
PP0120	WASTE SHIPMENT - PRTR REACTOR CAVITY	1.12.01.02.02.03	44	02JAN01	05MAR01
PP0130	CLOSEOUT - PRTR REACTOR CAVITY	1.12.01.02.02.03	39	06MAR01	27APR01
FUEL EXAM CELL					
PP0140	CLOSEOUT - FUEL EXAM CELL	1.12.01.02.02.04	90	01OCT98*	10FEB99
STABILIZE PRTR FUEL TRANSFER PIT					
PP0160	CLEANOUT/STABILIZE FY00-FUEL TRANFER PIT	1.12.01.02.02.05	63	03JUL00*	29SEP00
PP0165	CLEANOUT/STABILIZE FY01 - FUEL TRANSFER PIT	1.12.01.02.02.05	57	02OCT00	21DEC00
PP0170	WASTE SHIPMENT - FUEL TRANSFER PIT	1.12.01.02.02.05	90	02OCT00	09FEB01
PP0180	CLOSEOUT - FUEL TRANSFER PIT	1.12.01.02.02.05	49	12FEB01	20APR01



Activity ID	Activity Description	WBS	Orig Dur	Early Start	Early Finish
PP0185	STABILIZE PRTR FUEL TRANSFER PIT B79-99-900	1.12.01.02.02.05	0		20APR01
CLEAN OUT BALANCE PRTR CONTAINMENT					
PP0188	MATERIAL REMOVAL - BALANCE OF CONTAINMENT	1.12.01.02.02.06	55	28JUN99*	15SEP99
PP0190	CHARACTERIZATION - BALANCE OF CONTAINMENT	1.12.01.02.02.06	90	02JAN01*	08MAY01
PP0200	CLEANOUT/STABILIZE - BALANCE OF CONTAINMENT	1.12.01.02.02.06	55	09MAY01	26JUL01
PP0210	WASTE SHIPMENT - BALANCE OF CONTAINMENT	1.12.01.02.02.06	90	09MAY01	14SEP01
PP0220	CLOSEOUT - BALANCE OF CONTAINMENT	1.12.01.02.02.06	45	27JUL01	28SEP01
PP0225	CLEAN OUT BALANCE PRTR CONTAINMENT B79-99-901	1.12.01.02.02.06	0		28SEP01
STABILIZE 309 BLDG STACKS AND PITS					
PP0229	CHARACTERIZATION - HVAC STACKS AND PITS	1.12.01.02.02.07	54	16JUL01*	28SEP01
PP0230	CHARACTERIZATION - HVAC STACKS AND PITS	1.12.01.02.02.07	71	01OCT01	14JAN02
PP0240	CLEANOUT/STABILIZE - HVAC STACKS AND PITS	1.12.01.02.02.07	100	15JAN02	05JUN02
PP0250	Formaly Shutdown Stack - HVAC STACKS AND PITS	1.12.01.02.02.07	61	06JUN02	30AUG02
PP0260	WASTE SHIPMENT - HVAC STACKS AND PITS	1.12.01.02.02.07	81	06JUN02*	30SEP02
PP0270	CLOSEOUT - HVAC STACKS AND PITS	1.12.01.02.02.07	38	07AUG02	30SEP02
PP0275	STABILIZE 309 BLDG STACKS AND PITS	1.12.01.02.02.07	0		30SEP02
FACILITY DOCUMENT UPDATES					
PP0280	PREPARE S&M PLAN	1.12.01.02.02.08	149	01MAR02*	30SEP02
PP0300	Final Safety Basis Review	1.12.01.02.02.08	149	01MAR02	30SEP02
PP0320	Final Safety Basis Review	1.12.01.02.02.08	32	01OCT02	13NOV02
PP0340	Facility Transistion File Input	1.12.01.02.02.08	251	02OCT00*	28SEP01



Activity ID	Activity Description	WBS	Orig Dur	Early Start	Early Finish
PP0342	Facility Transistion File Input	1.12.01.02.02.08	252	01OCT01	30SEP02
PP0344	Facility Transistion File Input	1.12.01.02.02.08	188	01OCT02	30JUN03
PP0380	Facility Drawing Updates	1.12.01.02.02.08	251	02OCT00*	28SEP01
PP0382	Facility Drawing Updates	1.12.01.02.02.08	252	01OCT01	30SEP02
PP0384	Facility Drawing Updates	1.12.01.02.02.08	252	01OCT01	30SEP02
TRANSITION BLDG 309 TO SHUTDOWN					
PP0400	FFTF CLEANOUT IEM MOCKUP	1.12.01.02.02.09	354	02OCT00*	28FEB02
PP0420	Interior Cleanout - FY01	1.12.01.02.02.09	251	02OCT00*	28SEP01
PP0422	Interior Cleanout - FY02	1.12.01.02.02.09	252	01OCT01	30SEP02
PP0460	Electrical Deactivation - FY02	1.12.01.02.02.09	84	03JUN02*	30SEP02
PP0470	ROOF REPAIR	1.12.01.02.02.09	63	02JUL01*	28SEP01
PP0475	ROOF REPAIR	1.12.01.02.02.09	80	01OCT01*	25JAN02
PP0480	Secure Facility	1.12.01.02.02.09	149	01MAR02	30SEP02
PP0490	Seal Facility Exterior	1.12.01.02.02.09	128	01APR02*	30SEP02
PP0501	Dome Roof Repair	1.12.01.02.02.09	125	01FEB99*	29JUL99
PP0503	309 Containment Dome Repair B79-99-903	1.12.01.02.02.09	0		29JUL99
PP0510	TRANSITION BUILDING 309 TO SHUTDOWN B79-01-901	1.12.01.02.02.09	0		30JUN03



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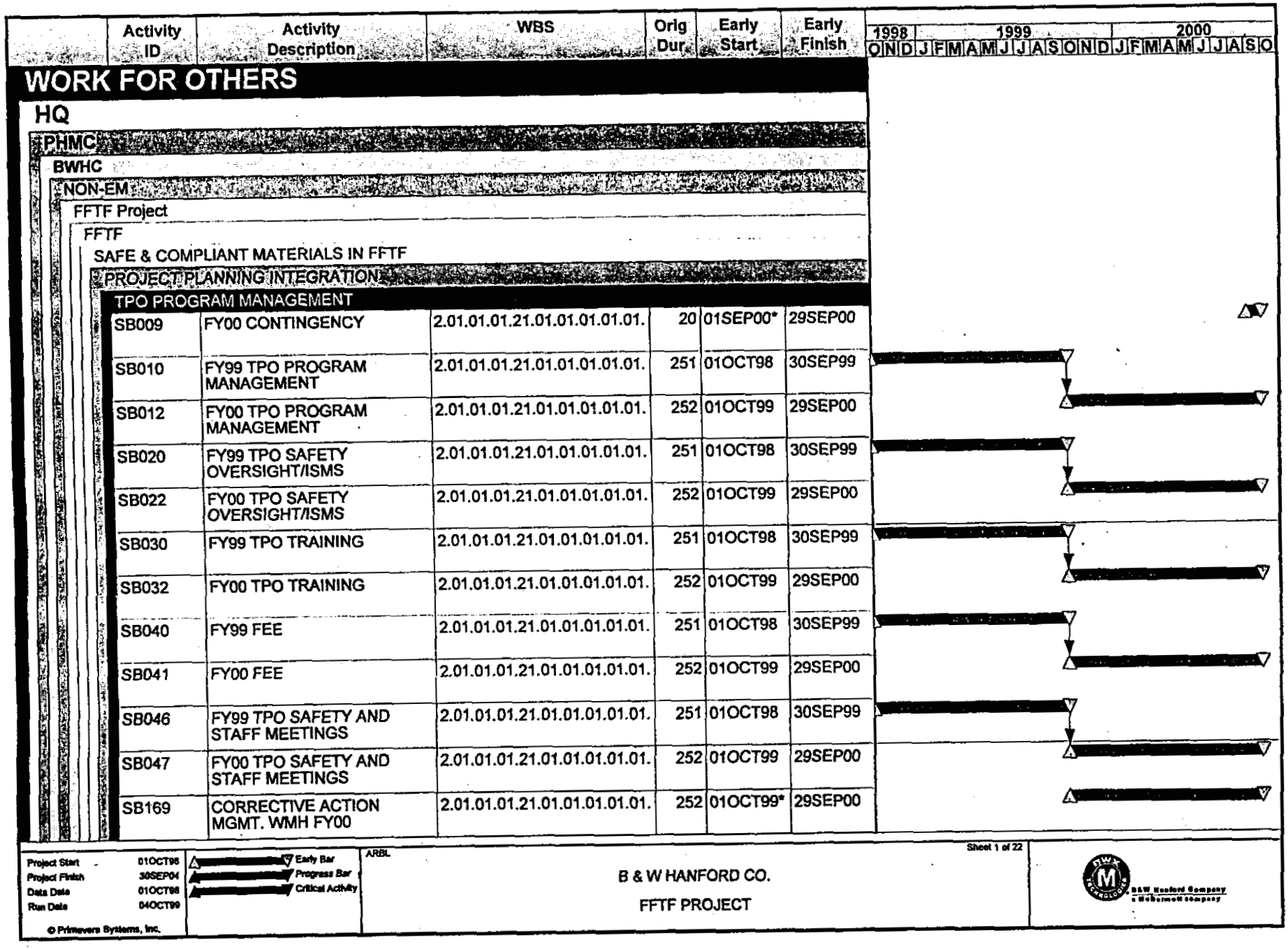
Activity ID
Activity Description
WBS
Orig Dur
Early Start
Early Finish
1998
1999
2000
O N D J F M A M J J A S O N D J F M A M J J A S O
WORK FOR OTHERS
HQ
PHMC
BWHC
NON-EM
FFTF Project
FFTF
SAFE & COMPLIANT MATERIALS IN FFTF
PROJECT PLANNING INTEGRATION
TPO PROGRAM MANAGEMENT
SB009 FY00 CONTINGENCY 2.01.01.01.21.01.01.01.01.01. 20 01SEP00* 29SEP00
SB010 FY99 TPO PROGRAM MANAGEMENT 2.01.01.01.21.01.01.01.01.01. 251 01OCT98 30SEP99
SB012 FY00 TPO PROGRAM MANAGEMENT 2.01.01.01.21.01.01.01.01.01. 252 01OCT99 29SEP00
SB020 FY99 TPO SAFETY OVERSIGHT/ISMS 2.01.01.01.21.01.01.01.01.01. 251 01OCT98 30SEP99
SB022 FY00 TPO SAFETY OVERSIGHT/ISMS 2.01.01.01.21.01.01.01.01.01. 252 01OCT99 29SEP00
SB030 FY99 TPO TRAINING 2.01.01.01.21.01.01.01.01.01. 251 01OCT98 30SEP99
SB032 FY00 TPO TRAINING 2.01.01.01.21.01.01.01.01.01. 252 01OCT99 29SEP00
SB040 FY99 FEE 2.01.01.01.21.01.01.01.01.01. 251 01OCT98 30SEP99
SB041 FY00 FEE 2.01.01.01.21.01.01.01.01.01. 252 01OCT99 29SEP00
SB046 FY99 TPO SAFETY AND STAFF MEETINGS 2.01.01.01.21.01.01.01.01.01. 251 01OCT98 30SEP99
SB047 FY00 TPO SAFETY AND STAFF MEETINGS 2.01.01.01.21.01.01.01.01.01. 252 01OCT99 29SEP00
SB169 CORRECTIVE ACTION MGMT. WMH FY00 2.01.01.01.21.01.01.01.01.01. 252 01OCT99* 29SEP00
Project Start 01OCT98
Project Finish 30SEP04
Data Date 01OCT98
Run Date 04OCT99
Early Bar
Progress Bar
Critical Activity
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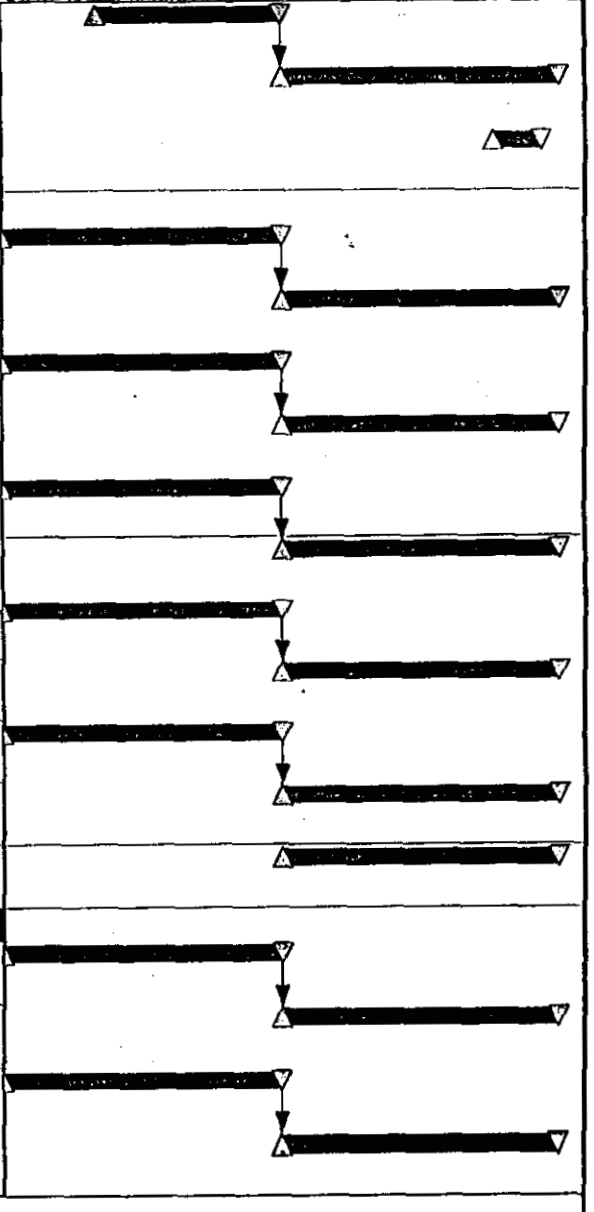
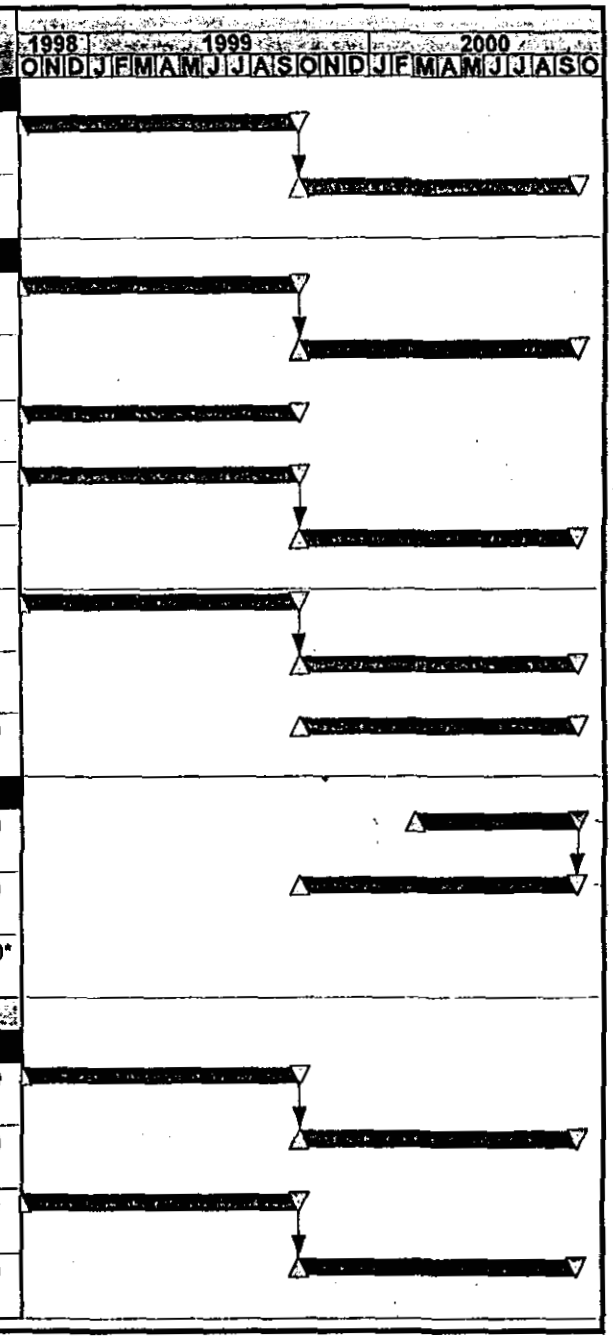
ARBL
Sheet 1 of 22
B & W HANFORD CO.
FFTF PROJECT
B&W Hanford Company
a Halliburton company

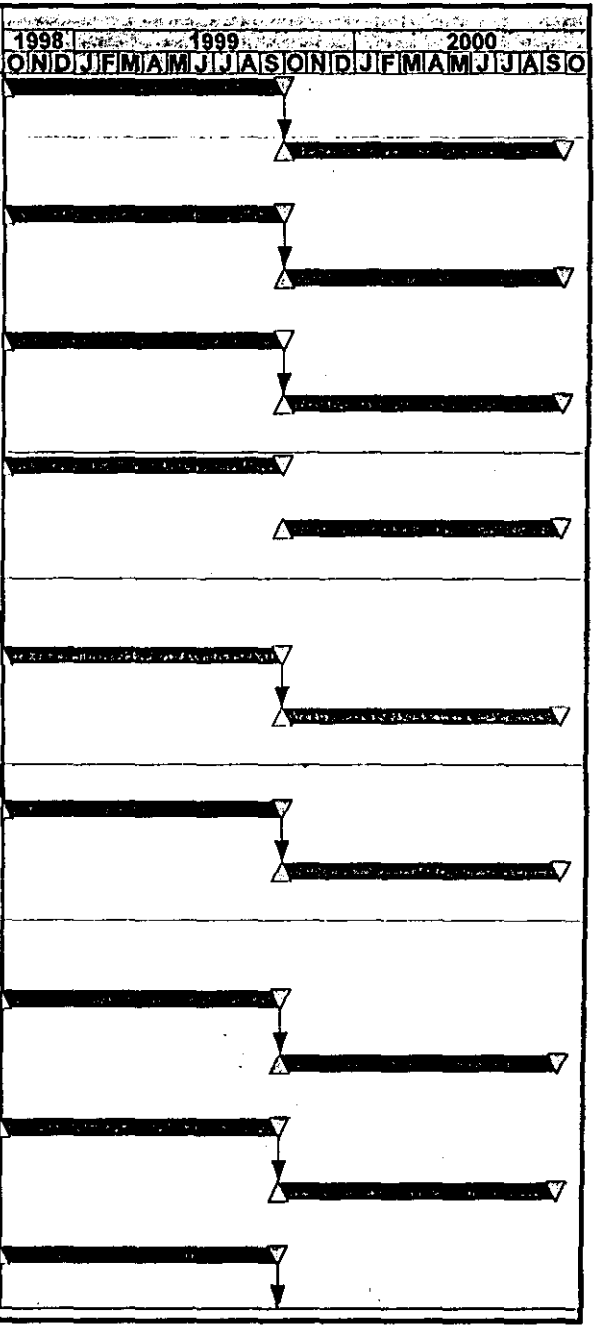
Activity ID	Activity Description	WBS	Orig Dur	Early Start	Early Finish
SB550	FFTF AVERAGE LABOR ADDER FY99	2.01.01.01.21.01.01.01.01.	169	01FEB99*	30SEP99
SB575	FFTF AVERAGE LABOR ADDER FY00	2.01.01.01.21.01.01.01.01.	252	01OCT99	29SEP00
SB990	FY00 FEB ASSESSMENT	2.01.01.01.21.01.01.01.01.	45	03JUL00*	05SEP00
PROJECT CONTROL/PLANNING/SCHEDULEING					
SB054	FY99 PLANNING/SCHEDULEING	2.01.01.01.21.01.01.01.01.02.	251	01OCT98	30SEP99
SB055	FY00 PLANNING/SCHEDULEING	2.01.01.01.21.01.01.01.01.02.	252	01OCT99	29SEP00
SB060	FY99 PROJECT CONTROL	2.01.01.01.21.01.01.01.01.02.	251	01OCT98	30SEP99
SB062	FY00 PROJECT CONTROL	2.01.01.01.21.01.01.01.01.02.	252	01OCT99	29SEP00
SB070	FY99 MATERIAL CONTROL & ACCOUNTIBILITY	2.01.01.01.21.01.01.01.01.02.	251	01OCT98	30SEP99
SB072	FY00 MATERIAL CONTROL & ACCOUNTIBILITY	2.01.01.01.21.01.01.01.01.02.	252	01OCT99	29SEP00
SB080	FY99 FIELD SUPERVISION/PIC	2.01.01.01.21.01.01.01.01.02.	251	01OCT98	30SEP99
SB082	FY00 FUEL CASK FIELD SUPPORT	2.01.01.01.21.01.01.01.01.02.	252	01OCT99	29SEP00
SB090	FY99 ART GENERAL OPES. SUPPORT	2.01.01.01.21.01.01.01.01.02.	251	01OCT98	30SEP99
SB092	FY00 ART GENERAL OPES. SUPPORT	2.01.01.01.21.01.01.01.01.02.	252	01OCT99	29SEP00
SB155	CORRECTIVE ACTION MGMT ADMIN FY00	2.01.01.01.21.01.01.01.01.02.	252	01OCT99*	29SEP00
INTERGRATION MANAGEMENT					
SB100	FY99 INTERGRATION MGMT.	2.01.01.01.21.01.01.01.01.03.	251	01OCT98	30SEP99
SB102	FY00 INTERGRATION MGMT.	2.01.01.01.21.01.01.01.01.03.	252	01OCT99	29SEP00
SB110	FY99 SYSTEMS ENGINEERING	2.01.01.01.21.01.01.01.01.03.	251	01OCT98	30SEP99
SB112	FY00 SYSTEMS ENGINEERING	2.01.01.01.21.01.01.01.01.03.	252	01OCT99	29SEP00



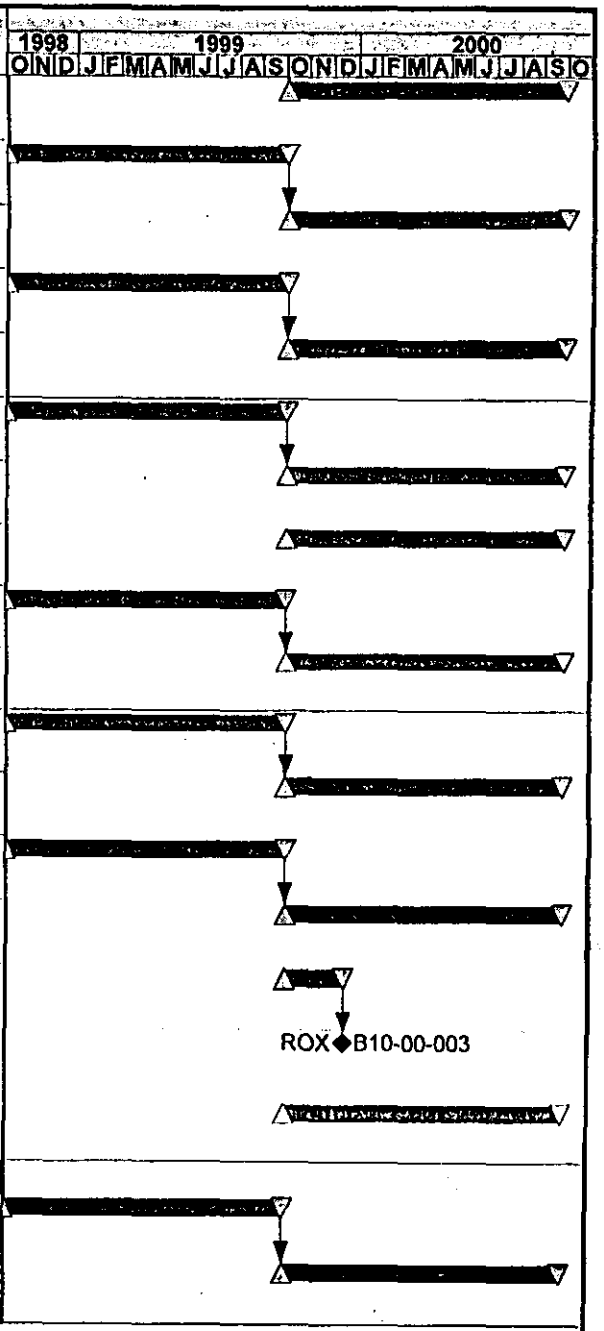
Activity ID	Activity Description	WBS	Orig Dur	Early Start	Early Finish
SRID ADMINISTRATION					
SB130	FY99 SRID ADMINISTRATION AND MAINTENANCE	2.01.01.01.21.01.01.01.01.04.	251	01OCT98	30SEP99
SB132	FY00 SRID ADMINISTRATION AND MAINTENANCE	2.01.01.01.21.01.01.01.01.04.	252	01OCT99	29SEP00
STANDBY PROJECT SUPPORT					
SP0010	FY99 PLANT DIRECTOR'S OFFICE	2.01.01.01.21.01.01.01.01.05.	251	01OCT98	30SEP99
SP0012	FY00 PLANT DIRECTOR'S OFFICE	2.01.01.01.21.01.01.01.01.05.	252	01OCT99	29SEP00
SP0020	FY99 MANAGEMENT SUPPORT & SECURITY	2.01.01.01.21.01.01.01.01.05.	251	01OCT98	30SEP99
SP0030	FY99 GENERAL FINANCIAL MANAGEMENT	2.01.01.01.21.01.01.01.01.05.	251	01OCT98	30SEP99
SP0032	FY00 GENERAL FINANCIAL MANAGEMENT	2.01.01.01.21.01.01.01.01.05.	252	01OCT99	29SEP00
SP0040	FY99 STANDBY PROJECT OFFICE	2.01.01.01.21.01.01.01.01.05.	251	01OCT98	30SEP99
SP0042	FY00 PROJECT OFFICE	2.01.01.01.21.01.01.01.01.05.	252	01OCT99	29SEP00
SP0058	MIGRATION OF FFTF COMPUTER CODES	2.01.01.01.21.01.01.01.01.05.	252	01OCT99*	29SEP00
FFTF EIS SUPPORT					
SB900	MISSION RESERVE	2.01.01.01.21.01.01.01.01.13.	150	01MAR00*	29SEP00
SB950	EIS FFTF PLANT SUPPORT	2.01.01.01.21.01.01.01.01.13.	252	01OCT99	29SEP00
SB975	NEPA ROD	2.01.01.01.21.01.01.01.01.13.	0		31DEC00*
MATERIAL & PROPERTY SECURITY (SAS)					
FFTF MATERIAL & PROPERTY SECURITY (SAS)					
SS0020	FY99 SAS ASSESSMENT	2.01.01.01.21.01.01.01.02.01.	251	01OCT98	30SEP99
SS0022	FY00 RISK ANALYSIS & ASSESSMENTS	2.01.01.01.21.01.01.01.02.01.	252	01OCT99	29SEP00
SS0050	FY99 PATROL POOL	2.01.01.01.21.01.01.01.02.01.	251	01OCT98	30SEP99
SS0052	FY00 PATROL POOL	2.01.01.01.21.01.01.01.02.01.	252	01OCT99	29SEP00



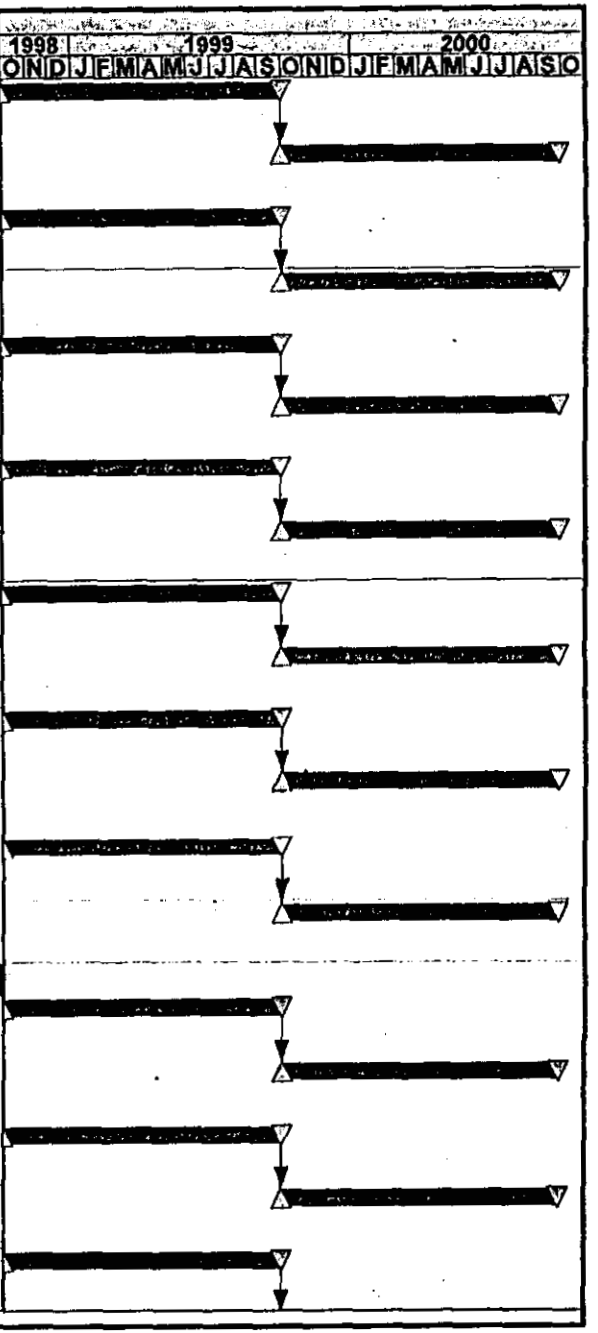
Activity ID	Activity Description	WBS	Orig Dur	Early Start	Early Finish
SS0060	FY99 EXTRA PATROL SERVICES	2.01.01.01.21.01.01.01.02.01.	251	01OCT98	30SEP99
SS0062	FY00 EXTRA PATROL SERVICES	2.01.01.01.21.01.01.01.02.01.	252	01OCT99	29SEP00
SS0080	FY99 SAFEGAURDS	2.01.01.01.21.01.01.01.02.01.	251	01OCT98	30SEP99
SS0085	FY00 SAFEGAURDS	2.01.01.01.21.01.01.01.02.01.	252	01OCT99	29SEP00
SS0110	FY99 SAS PHYSICAL SECURITY	2.01.01.01.21.01.01.01.02.01.	251	01OCT98	30SEP99
SS0115	FY00 SAS PHYSICAL SECURITY	2.01.01.01.21.01.01.01.02.01.	252	01OCT99	29SEP00
SS0140	FY99 SAS MAINTENANCE & ENGINEERING	2.01.01.01.21.01.01.01.02.01.	251	01OCT98	30SEP99
SS0175	FY00 SAS TECHNICAL SECURITY	2.01.01.01.21.01.01.01.02.01.	252	01OCT99*	29SEP00
INVENTORY CONTROL					
SPARE PARTS INVENTORY					
SK0010	FY99 SPARE PARTS INVENTORY CHANGE	2.01.01.01.21.01.01.01.03.01.	251	01OCT98	30SEP99
SK0020	FY00 SPARE PARTS INVENTORY CHANGE	2.01.01.01.21.01.01.01.03.01.	252	01OCT99	29SEP00
SPARE PARTS WITHDRAWAL/RETURNS					
SL0010	FY99 SPARES WITHDRAWAL/RETURNS	2.01.01.01.21.01.01.01.03.02.	251	01OCT98	30SEP99
SL0020	FY00 SPARES WITHDRAWAL/RETURNS	2.01.01.01.21.01.01.01.03.02.	252	01OCT99	29SEP00
FFTF STANDBY OPERATIONS					
OPERATIONS MANAGEMENT & SUPPORT					
SA0010	FY99 OPS PLANT ADMIN/PROJECT DIRECTION	2.01.01.01.21.01.01.01.04.01.	251	01OCT98	30SEP99
SA0012	FY00 OPS PLANT ADMIN/PROJECT DIRECTION	2.01.01.01.21.01.01.01.04.01.	252	01OCT99	29SEP00
SA0020	FY99 OPS PROGRAM MANAGEMENT	2.01.01.01.21.01.01.01.04.01.	251	01OCT98	30SEP99
SA0022	FY00 OPS PROGRAM MANAGEMENT	2.01.01.01.21.01.01.01.04.01.	252	01OCT99	29SEP00
SA0030	FY99 GENERAL PROCESS/PLANT	2.01.01.01.21.01.01.01.04.01.	251	01OCT98	30SEP99



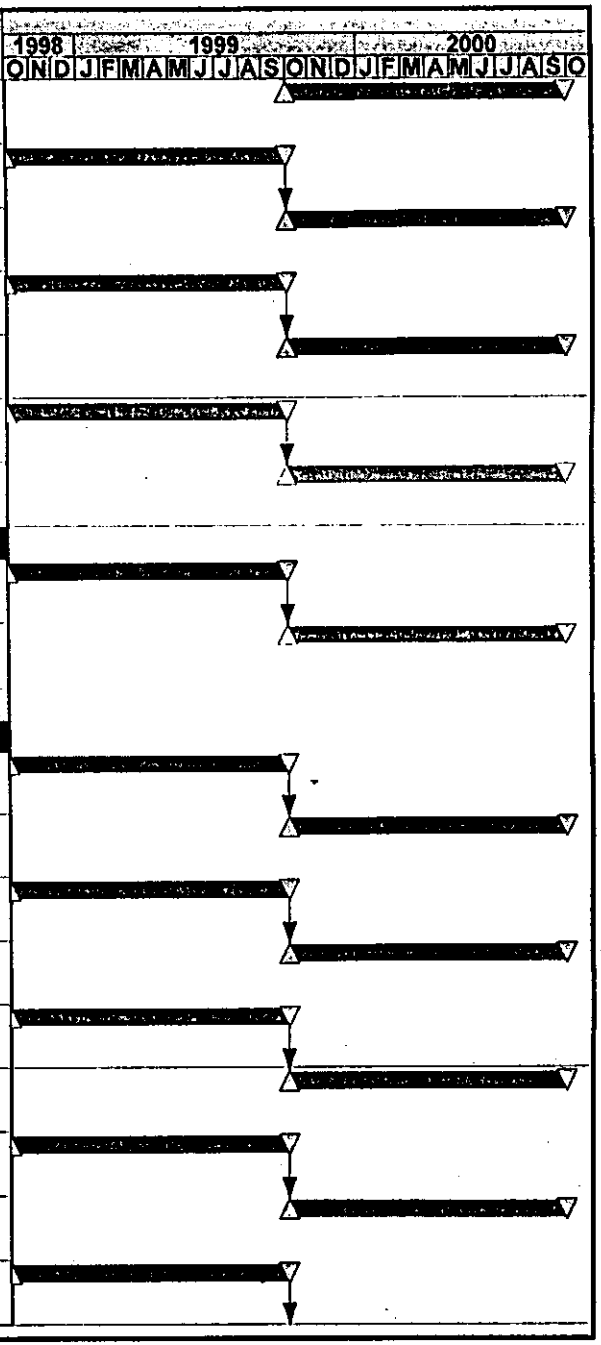
Activity ID	Activity Description	WBS	Orig Dur	Early Start	Early Finish
SA0032	FY00 GENERAL PROCESS/PLANT	2.01.01.01.21.01.01.01.04.01.	252	01OCT99	29SEP00
SA0040	FY99 OPS SURVEILLANCE	2.01.01.01.21.01.01.01.04.01.	251	01OCT98	30SEP99
SA0042	FY00 OPS SURVEILLANCE	2.01.01.01.21.01.01.01.04.01.	252	01OCT99	29SEP00
SA0050	FY99 OPS MAINTEANCE SUPPORT	2.01.01.01.21.01.01.01.04.01.	251	01OCT98	30SEP99
SA0052	FY00 OPS MAINTEANCE SUPPORT	2.01.01.01.21.01.01.01.04.01.	252	01OCT99	29SEP00
SA0060	FY99 GENERAL OPERATIONS SUPPORT	2.01.01.01.21.01.01.01.04.01.	251	01OCT98	30SEP99
SA0062	FY00 GENERAL OPERATIONS SUPPORT	2.01.01.01.21.01.01.01.04.01.	252	01OCT99	29SEP00
SA0065	FY00 FUEL OIL, NITRO, ARGON, CHEM, RADIOS &	2.01.01.01.21.01.01.01.04.01.	252	01OCT99*	29SEP00
SA0070	FY99 OPS TRAINING PROGRAM ADMINISTRATION	2.01.01.01.21.01.01.01.04.01.	251	01OCT98	30SEP99
SA0072	FY00 OPS TRAINING PROGRAM ADMINISTRATION	2.01.01.01.21.01.01.01.04.01.	252	01OCT99	29SEP00
SA0080	FY99 OPS TRAINING - HGET ONLY	2.01.01.01.21.01.01.01.04.01.	251	01OCT98	30SEP99
SA0082	FY00 OPS TRAINING	2.01.01.01.21.01.01.01.04.01.	252	01OCT99	29SEP00
SA0090	FY99 OPS TRAINING IMPLEMENTATION	2.01.01.01.21.01.01.01.04.01.	251	01OCT98	30SEP99
SA0092	FY00 OPS TRAINING IMPLEMENTATION	2.01.01.01.21.01.01.01.04.01.	252	01OCT99	29SEP00
SA0300	VERIFY CONTINGENCY PLAN FOR Y2K	2.01.01.01.21.01.01.01.04.01.	52	01OCT99*	15DEC99
SA0350	B10-00-003 VERIFY CONTINGENCY PLAN FOR	2.01.01.01.21.01.01.01.04.01.	0		15DEC99
SA0900	QUAL/PAY FY00	2.01.01.01.21.01.01.01.04.01.	252	01OCT99*	29SEP00
OPES ANALYSIS & SUPPORT					
SM0810	FY99 FFTF TECHNICAL SUPPORT	2.01.01.01.21.01.01.01.04.03.	251	01OCT98	30SEP99
SM0812	FY00 FFTF TECHNICAL SUPPORT	2.01.01.01.21.01.01.01.04.03.	252	01OCT99	29SEP00



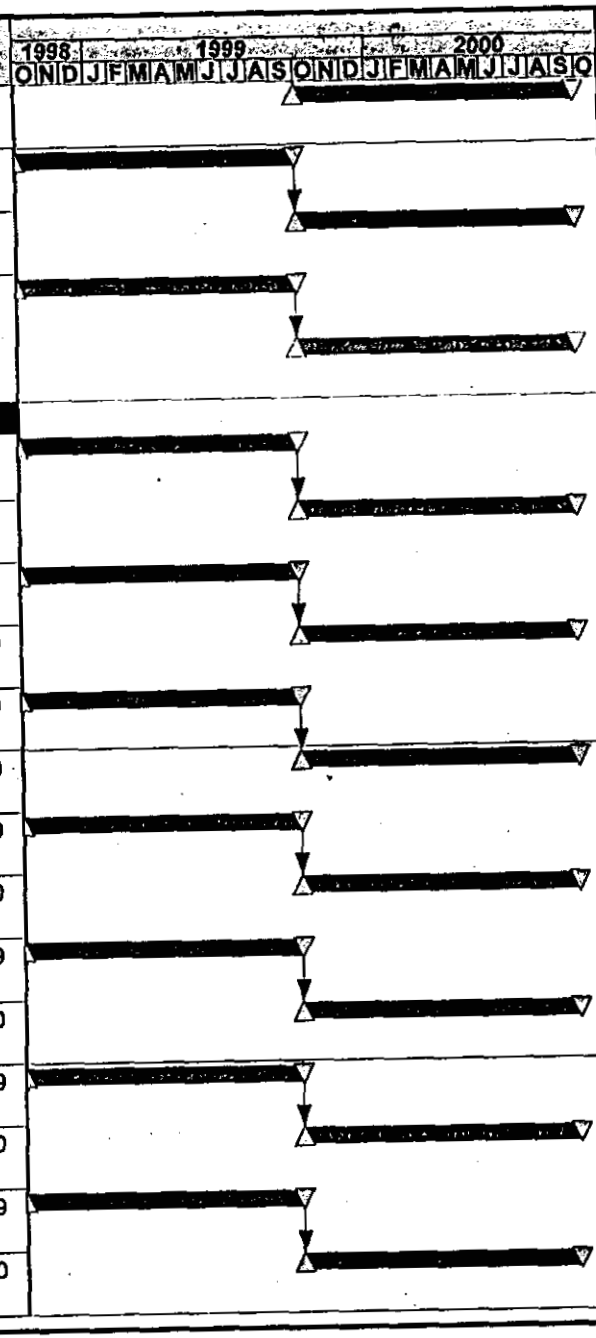
Activity ID	Activity Description	WBS	Orig Dur	Early Start	Early Finish
SM0830	FY99 EMERGENCY PREPARDNESS	2.01.01.01.21.01.01.01.04.03.	251	01OCT98	30SEP99
SM0832	FY00 EMERGENCY PREPARDNESS	2.01.01.01.21.01.01.01.04.03.	252	01OCT99	29SEP00
SM0850	FY99 CRITICALITY SAFETY	2.01.01.01.21.01.01.01.04.03.	251	01OCT98	30SEP99
SM0852	FY00 CRITICALITY SAFETY	2.01.01.01.21.01.01.01.04.03.	252	01OCT99	29SEP00
SM0870	FY99 FFTF TSPEC COMPLIANCE	2.01.01.01.21.01.01.01.04.03.	251	01OCT98	30SEP99
SM0872	FY00 FFTF TSPEC COMPLIANCE	2.01.01.01.21.01.01.01.04.03.	252	01OCT99	29SEP00
SM0890	FY99 SYSTEM PROCEDURE MAINTENANCE	2.01.01.01.21.01.01.01.04.03.	251	01OCT98	30SEP99
SM0892	FY00 SYSTEM PROCEDURE MAINTENANCE	2.01.01.01.21.01.01.01.04.03.	252	01OCT99	29SEP00
SM0910	FY99 PM/CRS ADMINISTRATION	2.01.01.01.21.01.01.01.04.03.	251	01OCT98	30SEP99
SM0912	FY00 PM/CRS ADMINISTRATION	2.01.01.01.21.01.01.01.04.03.	252	01OCT99	29SEP00
SM0930	FY99 A&S SUPPORT SERVICES	2.01.01.01.21.01.01.01.04.03.	251	01OCT98	30SEP99
SM0032	FY00 A&S SUPPORT SERVICES	2.01.01.01.21.01.01.01.04.03.	252	01OCT99	29SEP00
SM0950	FY99 A&S MANAGEMENT ADMINISTRATION	2.01.01.01.21.01.01.01.04.03.	251	01OCT98	30SEP99
SM0955	FY00 A&S MANAGEMENT ADMINISTRATION	2.01.01.01.21.01.01.01.04.03.	252	01OCT99	29SEP00
OPES TRAINING SUPPORT					
ST010	FY99 TRAINING MGMT SERVICES & GENERAL	2.01.01.01.21.01.01.01.04.04.	251	01OCT98	30SEP99
ST012	FY00 TRAINING MGMT SERVICES & GENERAL	2.01.01.01.21.01.01.01.04.04.	252	01OCT99	29SEP00
ST020	FY99 TRAINING PROGRAM ADMINISTRATION	2.01.01.01.21.01.01.01.04.04.	251	01OCT98	30SEP99
ST022	FY00 TRAINING PROGRAM ADMINISTRATION	2.01.01.01.21.01.01.01.04.04.	252	01OCT99	29SEP00
ST030	FY99 TRAINING DEVELOPMENT	2.01.01.01.21.01.01.01.04.04.	251	01OCT98	30SEP99



Activity ID	Activity Description	WBS	Orig Dur	Early Start	Early Finish
ST032	FY00 TRAINING DEVELOPMENT	2.01.01.01.21.01.01.01.04.04.	252	01OCT99	29SEP00
ST040	FY99 TRAINING IMPLEMENTATION	2.01.01.01.21.01.01.01.04.04.	251	01OCT98	30SEP99
ST042	FY00 TRAINING IMPLEMENTATION	2.01.01.01.21.01.01.01.04.04.	252	01OCT99	29SEP00
ST050	FY99 TRAINING EVALUATION	2.01.01.01.21.01.01.01.04.04.	251	01OCT98	30SEP99
ST051	FY00 TRAINING EVALUATION	2.01.01.01.21.01.01.01.04.04.	252	01OCT99	29SEP00
ST055	FY99 TRAINING ATTENDANCE	2.01.01.01.21.01.01.01.04.04.	251	01OCT98	30SEP99
ST056	FY00 TRAINING ATTENDANCE	2.01.01.01.21.01.01.01.04.04.	252	01OCT99	29SEP00
OPES POLICIES & PROCEDURES SUPPORT					
ST060	FY99 POLICIES AND PROCEDURES	2.01.01.01.21.01.01.01.04.05.	251	01OCT98	30SEP99
ST062	FY00 POLICIES AND PROCEDURES	2.01.01.01.21.01.01.01.04.05.	252	01OCT99	29SEP00
SELF ASSESSMENTS & SUPPORT					
RADIOLOGICAL MAMAGEMENT SUPPORT					
RC0010	FY99 RADIOLOGICAL CONTROL PROGRAM	2.01.01.01.21.01.01.01.05.01.	251	01OCT98	30SEP99
RC0012	FY00 RADIOLOGICAL CONTROL PROGRAM	2.01.01.01.21.01.01.01.05.01.	252	01OCT99	29SEP00
RC0020	FY99 RADIOLOGICAL CONTROL TRAINING	2.01.01.01.21.01.01.01.05.01.	251	01OCT98	30SEP99
RC0022	FY00 RADIOLOGICAL CONTROL TRAINING	2.01.01.01.21.01.01.01.05.01.	252	01OCT99	29SEP00
RC0030	FY99 RADIOLOGICAL CONTROL WORK BY	2.01.01.01.21.01.01.01.05.01.	251	01OCT98	30SEP99
RC0032	FY00 RADIOLOGICAL CONTROL INSTR.	2.01.01.01.21.01.01.01.05.01.	252	01OCT99	29SEP00
RC0040	FY99 RADIOLOGICAL CONTROL MAINTENANCE	2.01.01.01.21.01.01.01.05.01.	251	01OCT98	30SEP99
RC0042	FY00 RADIOLOGICAL CONTROL MAINTENANCE	2.01.01.01.21.01.01.01.05.01.	252	01OCT99	29SEP00
RC0050	FY99 RADIATION PROTECTION	2.01.01.01.21.01.01.01.05.01.	251	01OCT98	30SEP99

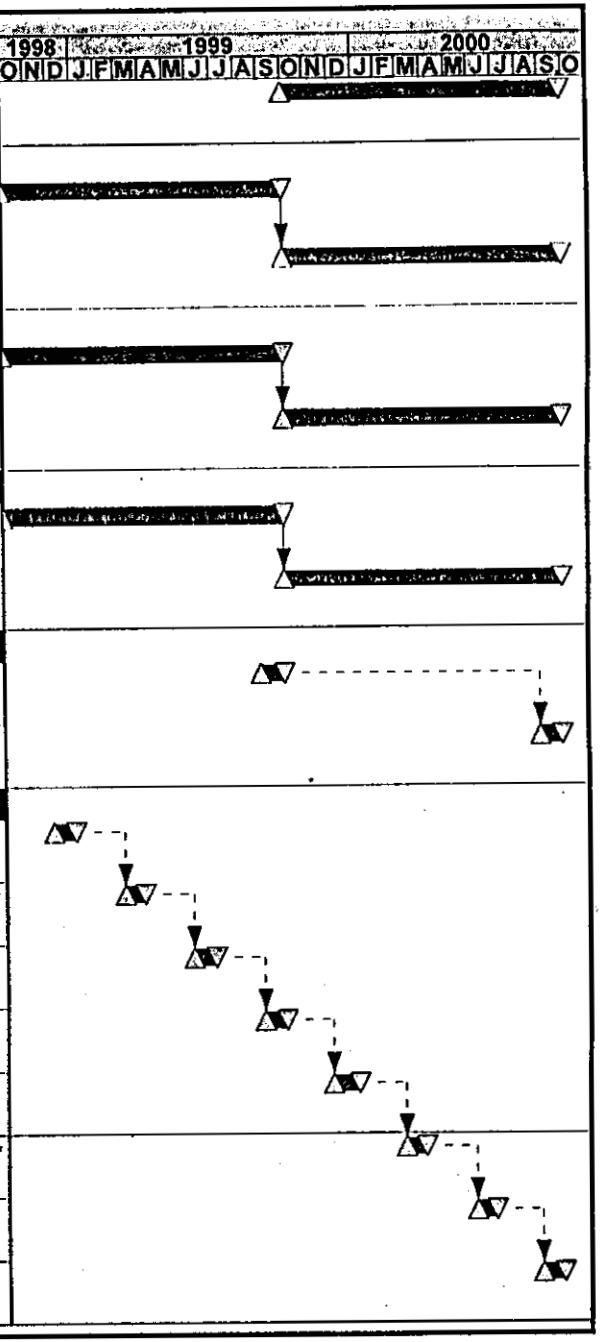


Activity ID	Activity Description	WBS	Orig Dur	Early Start	Early Finish
RC0052	FY00 RADIATION PROTECTION	2.01.01.01.21.01.01.01.05.01.	252	01OCT99	29SEP00
RC0060	FY99 RADIOLOGICAL CONTROL SURVEILLANCE	2.01.01.01.21.01.01.01.05.01.	251	01OCT98	30SEP99
RC0062	FY00 RADIOLOGICAL CONTROL SURVEILLANCE	2.01.01.01.21.01.01.01.05.01.	252	01OCT99	29SEP00
RC0070	FY99 RADIOLOGICAL CONTROL CORRECTIVE	2.01.01.01.21.01.01.01.05.01.	251	01OCT98	30SEP99
RC0072	FY00 RADIOLOGICAL CONTROL CORRECTIVE	2.01.01.01.21.01.01.01.05.01.	252	01OCT99	29SEP00
ENVIRONMENTAL SUPPORT					
SC010	FY99 ENVIRONMENTAL TRAINING	2.01.01.01.21.01.01.01.05.02.	251	01OCT98	30SEP99
SC012	FY00 ENVIRONMENTAL TRAINING	2.01.01.01.21.01.01.01.05.02.	252	01OCT99	29SEP00
SC020	FY99 INCIDENT EVALUATION	2.01.01.01.21.01.01.01.05.02.	251	01OCT98	30SEP99
SC022	FY00 INCIDENT EVALUATION	2.01.01.01.21.01.01.01.05.02.	252	01OCT99	29SEP00
SC030	FY99 ENVIRONMENTAL PLANNING	2.01.01.01.21.01.01.01.05.02.	251	01OCT98	30SEP99
SC032	FY00 ENVIRONMENTAL PLANNING	2.01.01.01.21.01.01.01.05.02.	252	01OCT99	29SEP00
SC040	FY99 ENVIRONMENTAL PERMITTING	2.01.01.01.21.01.01.01.05.02.	251	01OCT98	30SEP99
SC042	FY00 ENVIRONMENTAL PERMITTING	2.01.01.01.21.01.01.01.05.02.	252	01OCT99	29SEP00
SC050	FY99 ENVIRONMENTAL COMPLIANCE	2.01.01.01.21.01.01.01.05.02.	251	01OCT98	30SEP99
SC052	FY00 ENVIRONMENTAL COMPLIANCE	2.01.01.01.21.01.01.01.05.02.	252	01OCT99	29SEP00
SC060	FY99 ENVIRONMENTAL REPORTING AND	2.01.01.01.21.01.01.01.05.02.	251	01OCT98	30SEP99
SC062	FY00 ENVIRONMENTAL REPORTING AND	2.01.01.01.21.01.01.01.05.02.	252	01OCT99	29SEP00
SC070	FY99 CHEMICAL MANAGEMENT	2.01.01.01.21.01.01.01.05.02.	251	01OCT98	30SEP99
SC072	FY00 CHEMICAL MANAGEMENT	2.01.01.01.21.01.01.01.05.02.	252	01OCT99	29SEP00

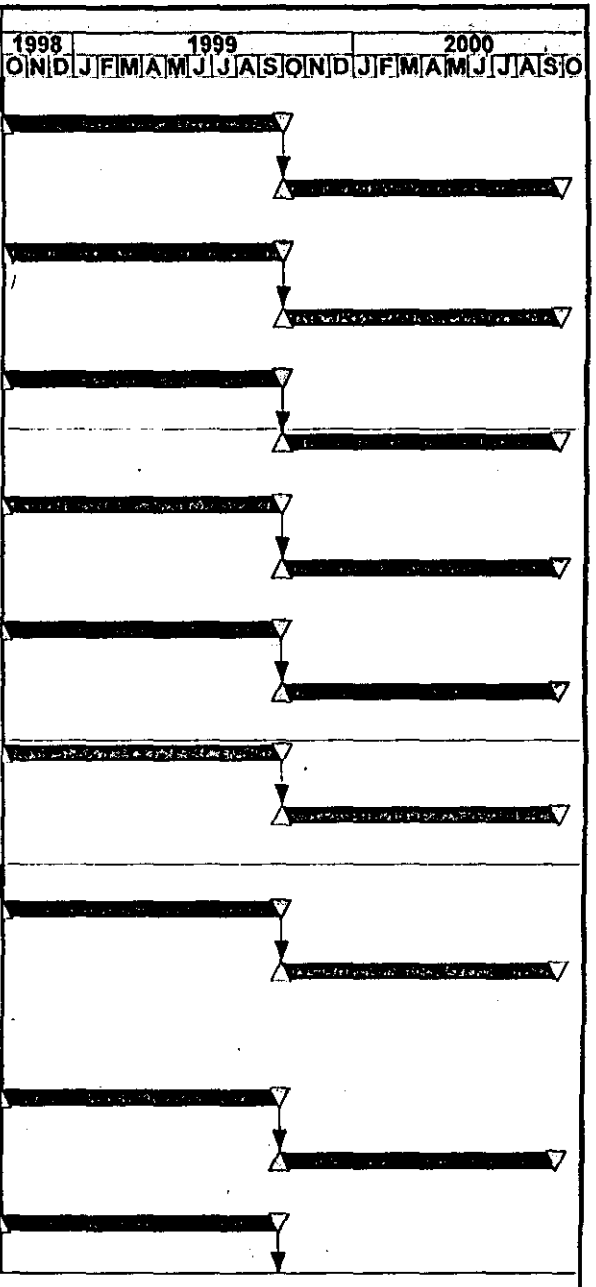


Sheet 8 of 22

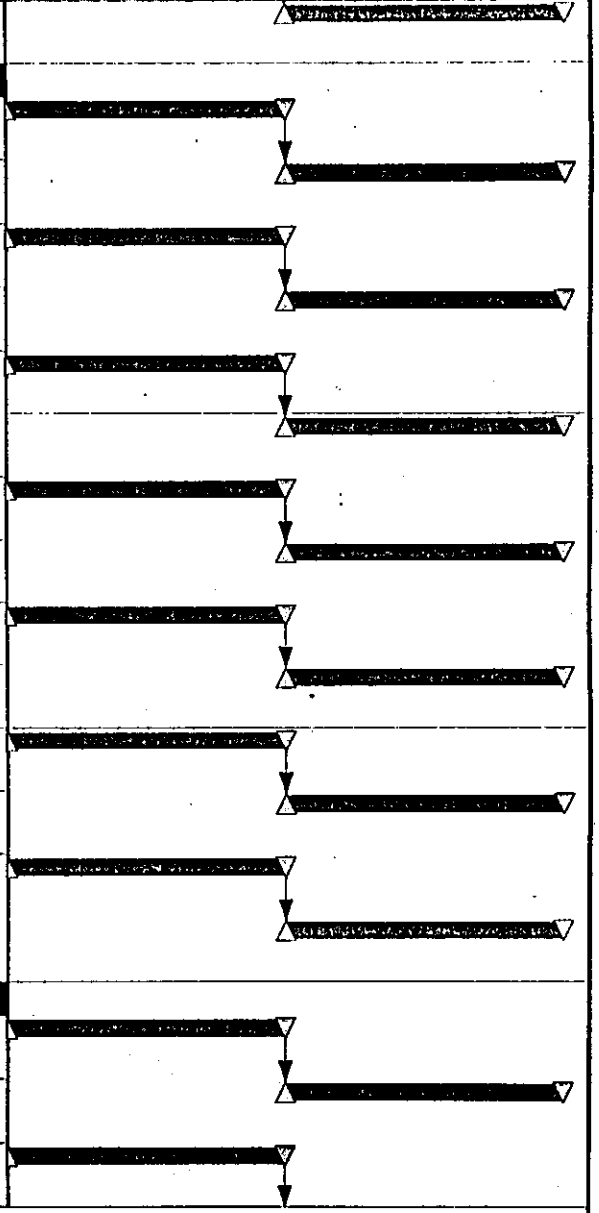
Activity ID	Activity Description	WBS	Orig Dur	Early Start	Early Finish
SC544	FY00 WIDS SUPPORT	2.01.01.01.21.01.01.01.05.02.	252	01OCT99*	29SEP00
SAMPLING & LAB SUPPORT					
SC080	FY99 SAMPLING AND LAB	2.01.01.01.21.01.01.01.05.03.	251	01OCT98	30SEP99
SC082	FY00 SAMPLING AND LAB	2.01.01.01.21.01.01.01.05.03.	252	01OCT99	29SEP00
WASTE CHARACTERIZATION SUPPORT					
SC090	FY99 WASTE CHARACTERIZATION	2.01.01.01.21.01.01.01.05.04.	251	01OCT98	30SEP99
SC092	FY00 WASTE CHARACTERIZATION	2.01.01.01.21.01.01.01.05.04.	252	01OCT99	29SEP00
POLLUTION PREVENTION SUPPORT					
SC100	FY99 POLLUTION PREVENTION	2.01.01.01.21.01.01.01.05.05.	251	01OCT98	30SEP99
SC102	FY00 POLLUTION PREVENTION	2.01.01.01.21.01.01.01.05.05.	252	01OCT99	29SEP00
LLW DISPOSAL					
SC110	FY99 LLW DISPOSAL	2.01.01.01.21.01.01.01.05.06.	21	01SEP99*	30SEP99
SC112	FY00 LLW DISPOSAL	2.01.01.01.21.01.01.01.05.06.	20	01SEP00*	29SEP00
WASTE DISPOSAL					
SC120	FY99 WASTE DISPOSAL 1ST QTR.	2.01.01.01.21.01.01.01.05.07.	20	02DEC98	31DEC98*
SC122	FY99 WASTE DISPOSAL 2ND QTR.	2.01.01.01.21.01.01.01.05.07.	20	04MAR99	31MAR99*
SC124	FY99 WASTE DISPOSAL 3RD QTR.	2.01.01.01.21.01.01.01.05.07.	20	03JUN99	30JUN99*
SC126	FY99 WASTE DISPOSAL 4TH QTR.	2.01.01.01.21.01.01.01.05.07.	20	02SEP99	30SEP99*
SC220	FY00 WASTE DISPOSAL 1ST QTR.	2.01.01.01.21.01.01.01.05.07.	20	02DEC99	03JAN00*
SC222	FY00 WASTE DISPOSAL 2ND QTR.	2.01.01.01.21.01.01.01.05.07.	20	06MAR00	31MAR00*
SC224	FY00 WASTE DISPOSAL 3RD QTR.	2.01.01.01.21.01.01.01.05.07.	20	05JUN00	30JUN00*
SC226	FY00 WASTE DISPOSAL 4TH QTR.	2.01.01.01.21.01.01.01.05.07.	20	01SEP00	29SEP00*



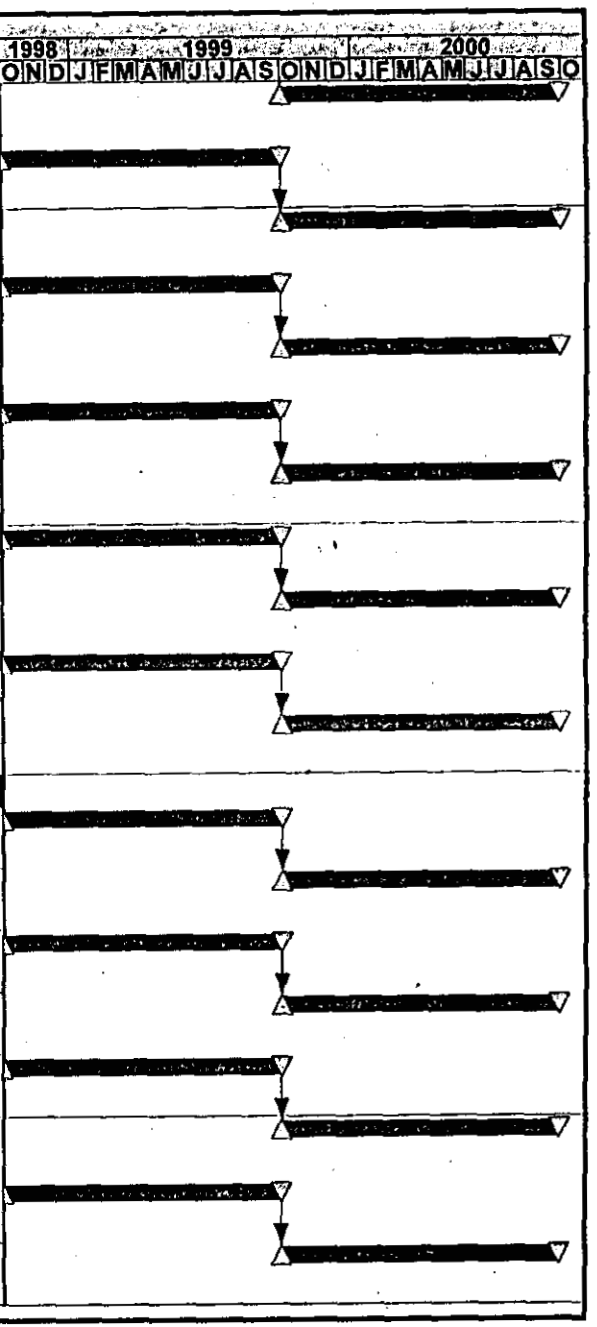
Activity ID	Activity Description	WBS	Orig Dur	Early Start	Early Finish
SAFETY SUPPORT					
SF010	FY99 SAFETY PROGRAM MANAGEMENT	2.01.01.01.21.01.01.01.05.08.	251	01OCT98	30SEP99
SF012	FY00 SAFETY PROGRAM MANAGEMENT	2.01.01.01.21.01.01.01.05.08.	252	01OCT99	29SEP00
SF020	FY99 SAFETY INDUSTRIAL HYGIENE	2.01.01.01.21.01.01.01.05.08.	251	01OCT98	30SEP99
SF022	FY00 SAFETY INDUSTRIAL HYGIENE	2.01.01.01.21.01.01.01.05.08.	252	01OCT99	29SEP00
SF030	FY99 SAFETY FIRE PROTECTION	2.01.01.01.21.01.01.01.05.08.	251	01OCT98	30SEP99
SF032	FY00 SAFETY FIRE PROTECTION	2.01.01.01.21.01.01.01.05.08.	252	01OCT99	29SEP00
SF040	FY99 SAFETY/NUCLEAR	2.01.01.01.21.01.01.01.05.08.	251	01OCT98	30SEP99
SF042	FY00 SAFETY/NUCLEAR	2.01.01.01.21.01.01.01.05.08.	252	01OCT99	29SEP00
SF050	FY99 SAFETY/INDUSTRIAL	2.01.01.01.21.01.01.01.05.08.	251	01OCT98	30SEP99
SF052	FY00 SAFETY/INDUSTRIAL	2.01.01.01.21.01.01.01.05.08.	252	01OCT99	29SEP00
SF060	FY99 SAFETY TRAINING	2.01.01.01.21.01.01.01.05.08.	251	01OCT98	30SEP99
SF062	FY00 SAFETY TRAINING	2.01.01.01.21.01.01.01.05.08.	252	01OCT99	29SEP00
QUALITY ASSURANCE					
SF080	FY99 QUALITY ASSURANCE	2.01.01.01.21.01.01.01.05.09.	251	01OCT98	30SEP99
SF082	FY00 QUALITY ASSURANCE	2.01.01.01.21.01.01.01.05.09.	252	01OCT99	29SEP00
MAINTAIN FFTF SYS DESIGN					
ENGINEERING MGMT SUPPORT					
A2010	FY99 ART ENG. MGT & ADMINISTRATION	2.01.01.01.21.01.01.01.06.01.	251	01OCT98	30SEP99
A2012	FY00 ART ENG. MGT & ADMINISTRATION	2.01.01.01.21.01.01.01.06.01.	252	01OCT99	29SEP00
A2030	FY99 ART ENGINEERING MGT. TRAINING	2.01.01.01.21.01.01.01.06.01.	251	01OCT98	30SEP99



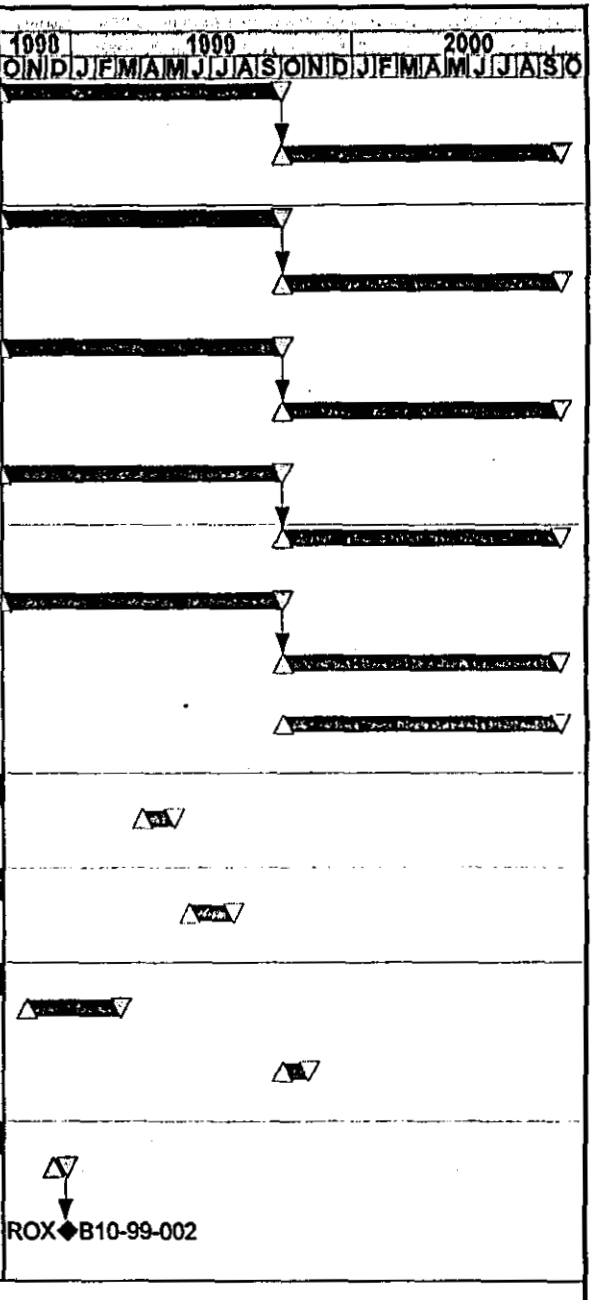
Activity ID	Activity Description	WBS	Orig Dur	Early Start	Early Finish
A2040	FY00 ART ENGINEERING MGT. TRAINING	2.01.01.01.21.01.01.01.06.01.	252	01OCT99	29SEP00
AUX SYS ELECTRICAL ENG SUPPORT					
SE0010	FY99 ASEE ADMINISTRATIVE SUPPORT	2.01.01.01.21.01.01.01.06.02.	251	01OCT98	30SEP99
SE0012	FY00 ASEE ADMINISTRATIVE SUPPORT	2.01.01.01.21.01.01.01.06.02.	252	01OCT99	29SEP00
SE0020	FY99 ASEE TRAINING ATTENDENCE	2.01.01.01.21.01.01.01.06.02.	251	01OCT98	30SEP99
SE0022	FY00 ASEE TRAINING ATTENDENCE	2.01.01.01.21.01.01.01.06.02.	252	01OCT99	29SEP00
SE0030	FY99 ASEE GENERAL ENGINEERING	2.01.01.01.21.01.01.01.06.02.	251	01OCT98	30SEP99
SE0032	FY00 ASEE GENERAL ENGINEERING	2.01.01.01.21.01.01.01.06.02.	252	01OCT99	29SEP00
SE0040	FY99 PERFORM NEC INSPECTION- REVIEW &	2.01.01.01.21.01.01.01.06.02.	251	01OCT98	30SEP99
SE0042	FY00 PERFORM NEC INSPECTION- REVIEW &	2.01.01.01.21.01.01.01.06.02.	252	01OCT99	29SEP00
SE0050	FY99 ASEE PREVENTIVE/PREDICTIVE	2.01.01.01.21.01.01.01.06.02.	251	01OCT98	30SEP99
SE0052	FY00 ASEE PREVENTIVE/PREDICTIVE	2.01.01.01.21.01.01.01.06.02.	252	01OCT99	29SEP00
SE0060	FY99 ASEE CORRECTIVE MAINTENANCE WORK	2.01.01.01.21.01.01.01.06.02.	251	01OCT98	30SEP99
SE0062	FY00 ASEE CORRECTIVE MAINTENANCE WORK	2.01.01.01.21.01.01.01.06.02.	252	01OCT99	29SEP00
SE0070	FY99 TELECOMMUNICATIONS PO	2.01.01.01.21.01.01.01.06.02.	251	01OCT98	30SEP99
SE0071	FY00 TELECOMMUNICATIONS PO	2.01.01.01.21.01.01.01.06.02.	252	01OCT99	29SEP00
MECHNICAL EQ & INSERVICE SUPPORT					
SD0010	FY99 MECHANICAL ENGINEERING PROGRAM	2.01.01.01.21.01.01.01.06.03.	251	01OCT98	30SEP99
SD0012	FY00 MECHANICAL ENGINEERING PROGRAM	2.01.01.01.21.01.01.01.06.03.	252	01OCT99	29SEP00
SD0020	FY99 MECHANICAL ENGINEERING TRAINING	2.01.01.01.21.01.01.01.06.03.	251	01OCT98	30SEP99



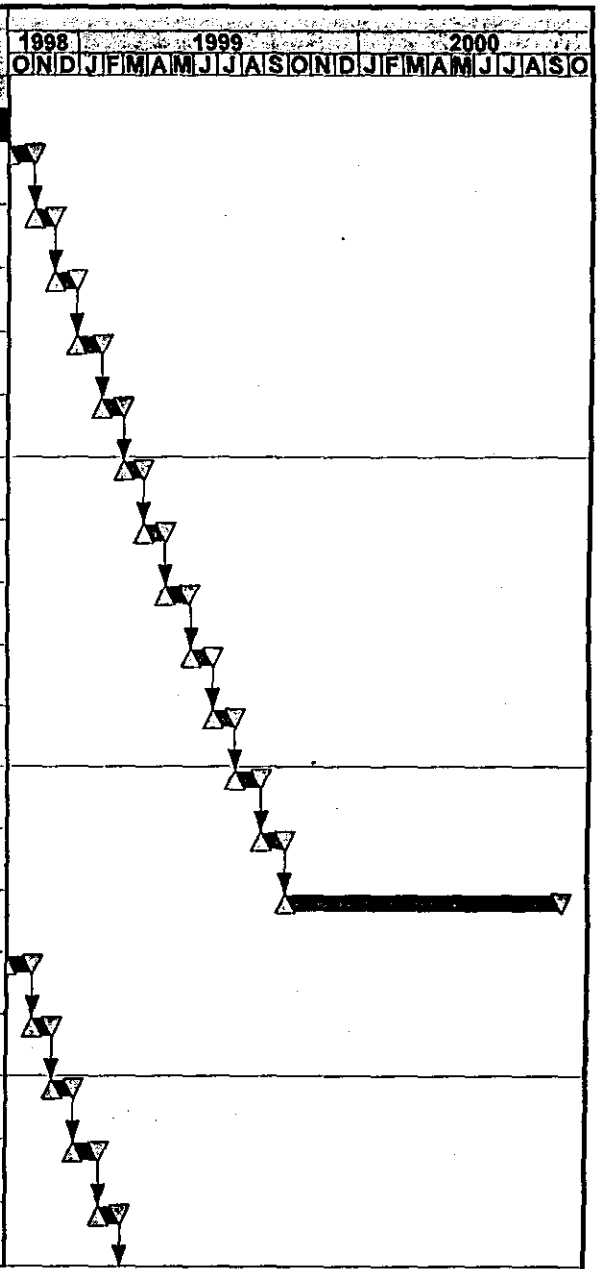
Activity ID	Activity Description	WBS	Orig Dur	Early Start	Early Finish
SD0022	FY00 MECHANICAL ENGINEERING TRAINING	2.01.01.01.21.01.01.01.06.03.	252	01OCT99	29SEP00
SD0030	FY99 GENERAL ENGINEERING -	2.01.01.01.21.01.01.01.06.03.	251	01OCT98	30SEP99
SD0032	FY00 GENERAL ENGINEERING -	2.01.01.01.21.01.01.01.06.03.	252	01OCT99	29SEP00
SD0040	FY99 OPERATIONAL PROCEDURES - MECH	2.01.01.01.21.01.01.01.06.03.	251	01OCT98	30SEP99
SD0042	FY00 OPERATIONAL PROCEDURES - MECH	2.01.01.01.21.01.01.01.06.03.	252	01OCT99	29SEP00
SD0050	FY99 FIELD SUPERVISION/PIC	2.01.01.01.21.01.01.01.06.03.	251	01OCT98	30SEP99
SD0052	FY00 FIELD SUPERVISION/PIC	2.01.01.01.21.01.01.01.06.03.	252	01OCT99	29SEP00
SD0060	FY99 PREVENTIVE/PREDICTIVE	2.01.01.01.21.01.01.01.06.03.	251	01OCT98	30SEP99
SD0062	FY00 PREVENTIVE/PREDICTIVE	2.01.01 01.21.01.01.01.06.03.	252	01OCT99	29SEP00
SD0070	FY99 CORRECTIVE MAINTENANCE - MECH	2.01.01.01.21.01.01.01.06.03.	251	01OCT98	30SEP99
SD0072	FY00 CORRECTIVE MAINTENANCE - MECH	2.01.01.01.21.01.01.01.06.03.	252	01OCT99	29SEP00
RSM ENGINEERING MGMT SUPPORT					
A0010	FY99 RSM ENG PROGRAM MANAGEMENT	2.01.01.01.21.01.01.01.06.04.	251	01OCT98	30SEP99
A0012	FY00 RSM ENG PROGRAM MANAGEMENT	2.01.01.01.21.01.01.01.06.04.	252	01OCT99	29SEP00
A0020	FY99 FACILITY & GENERAL TRAINING ATTENDANCE	2.01.01.01.21.01.01.01.06.04.	251	01OCT98	30SEP99
A0022	FY00 FACILITY & GENERAL TRAINING ATTENDANCE	2.01.01.01.21.01.01.01.06.04.	252	01OCT99	29SEP00
A0040	FY99 RSME GENERAL ENGINEERING	2.01.01.01.21.01.01.01.06.04.	251	01OCT98	30SEP99
A0042	FY00 RSME GENERAL ENGINEERING	2.01.01.01.21.01.01.01.06.04.	252	01OCT99	29SEP00
A0060	FY99 OPERATING PROCEDURES	2.01.01.01.21.01.01.01.06.04.	251	01OCT98	30SEP99
A0062	FY00 OPERATING PROCEDURES	2.01.01.01.21.01.01.01.06.04.	252	01OCT99	29SEP00



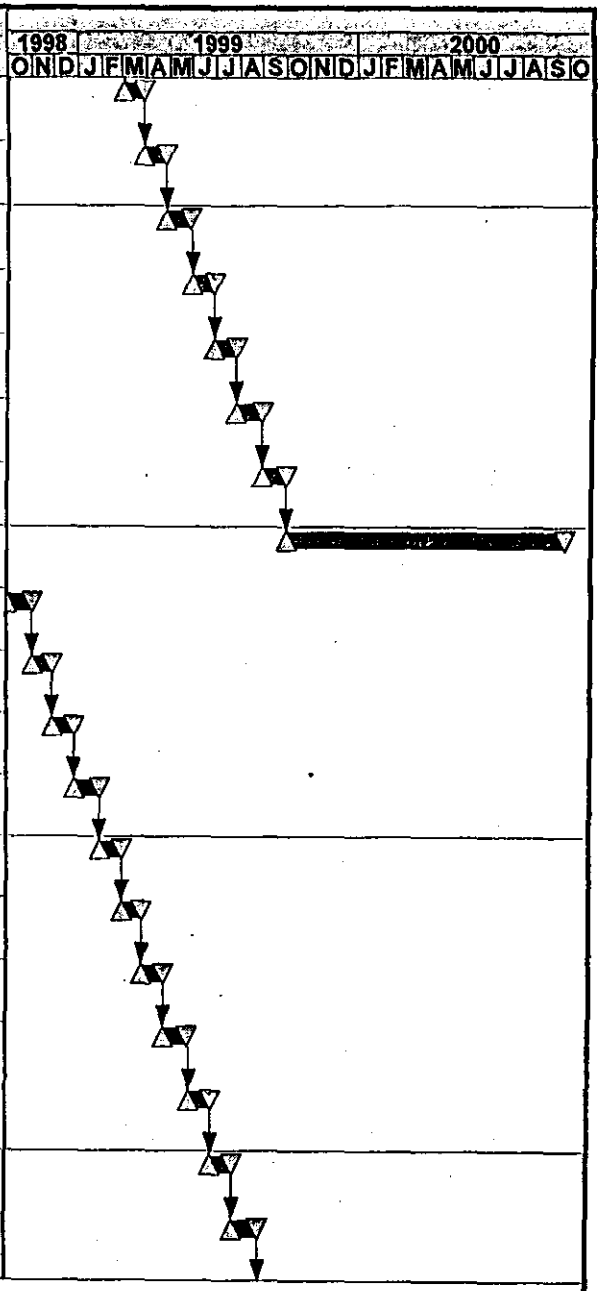
Activity ID	Activity Description	WBS	Orig Dur	Early Start	Early Finish
A0070	FY99 CONFIGURATION MANAGEMENT	2.01.01.01.21.01.01.01.06.04.	251	01OCT98	30SEP99
A0072	FY00 CONFIGURATION MANAGEMENT	2.01.01.01.21.01.01.01.06.04.	252	01OCT99	29SEP00
A0080	FY99 FIELD SUPERVISION/PIC	2.01.01.01.21.01.01.01.06.04.	251	01OCT98	30SEP99
A0082	FY00 FIELD SUPERVISION/PIC	2.01.01.01.21.01.01.01.06.04.	252	01OCT99	29SEP00
A0090	FY99 RSME ENGINEERING STANDARDS &	2.01.01.01.21.01.01.01.06.04.	251	01OCT98	30SEP99
A0092	FY00 RSME ENGINEERING STANDARDS &	2.01.01.01.21.01.01.01.06.04.	252	01OCT99	29SEP00
A0100	FY99 PREVENTATIVE MANINTENANCE SUPPORT	2.01.01.01.21.01.01.01.06.04.	251	01OCT98	30SEP99
A0102	FY00 PREVENTATIVE MANINTENANCE SUPPORT	2.01.01.01.21.01.01.01.06.04.	252	01OCT99	29SEP00
A0110	FY99 CORRECTIVE MAINT/MODIFICATIONS	2.01.01.01.21.01.01.01.06.04.	251	01OCT98	30SEP99
A0112	FY00 CORRECTIVE MAINT/MODIFICATIONS	2.01.01.01.21.01.01.01.06.04.	252	01OCT99	29SEP00
A0113	FY00 RSM SYSTEM DOCUMENTATION	2.01.01.01.21.01.01.01.06.04.	252	01OCT99*	29SEP00
RSB ROOF RECOATING & INSPECTION					
SD0100	FY99 RSB ROOF RECOATING & INSPECTION	2.01.01.01.21.01.01.01.06.05.	30	01APR99*	12MAY99
T196 AIR DRYER HARD PIPING					
SD0200	FY99 T196 AIR DRYER HARD PIPING	2.01.01.01.21.01.01.01.06.06.	40	01JUN99*	28JUL99
G-3 GENERATOR REPAIR/MATERIAL PURCHASESE					
SE0080	FY99 G-3 GENERATOR REPAIR MATERIAL	2.01.01.01.21.01.01.01.06.07.	80	02NOV98*	01MAR99
SE0082	FY00 PERFORM G-3 HALON CONCENTRATION TEST	2.01.01.01.21.01.01.01.06.07.	25	01OCT99*	04NOV99
G-3 FUEL OIL TANK LEAK DETECTOR					
SE0075	G-3 FUEL OIL TANK LEAK DETECTOR	2.01.01.01.21.01.01.01.06.08.	12	07DEC98*	22DEC98
SE0078	B10-99-002 G-3 FUEL OIL TANK LEAK DETECTOR	2.01.01.01.21.01.01.01.06.08.	0		22DEC98



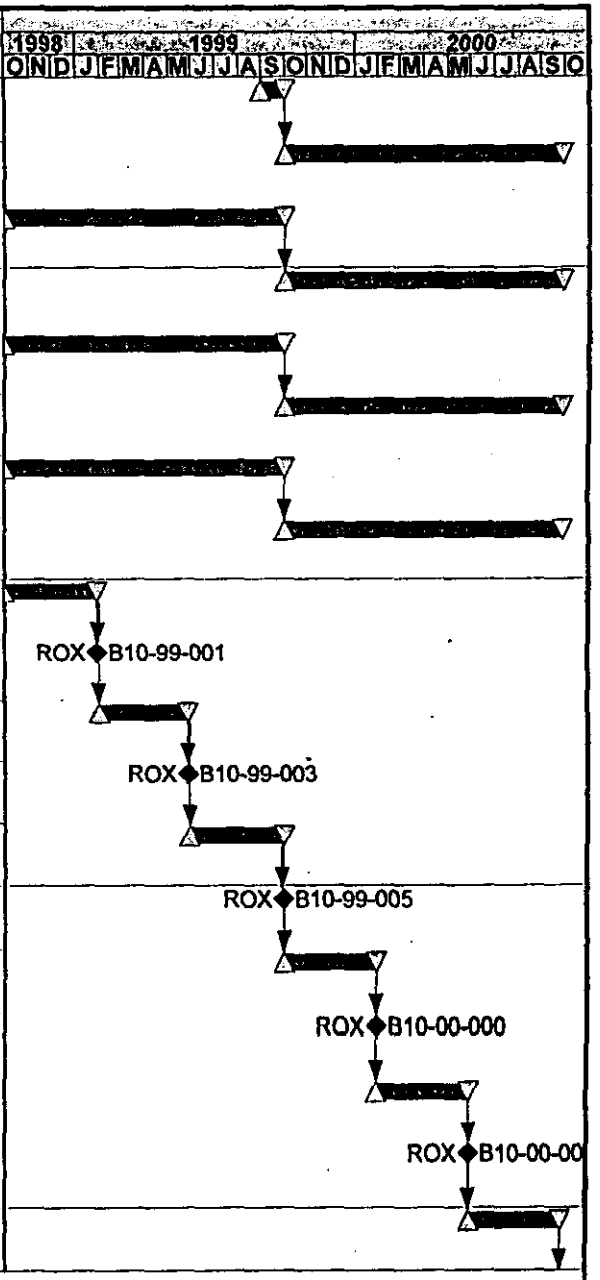
Activity ID	Activity Description	WBS	Orig Dur	Early Start	Early Finish
FFTF MAINTENANCE					
MAINTENANCE SUPPORT					
SN0430	FFTF PM's 4F/P - OCT FY99	2.01.01.01.21.01.01.01.07.01.	23	01OCT98	02NOV98
SN0431	FFTF PM's 4F/P - NOV FY99	2.01.01.01.21.01.01.01.07.01.	18	03NOV98	30NOV98
SN0432	FFTF PM's 4F/P - DEC FY99	2.01.01.01.21.01.01.01.07.01.	18	01DEC98	28DEC98
SN0433	FFTF PM's 4F/P - JAN FY99	2.01.01.01.21.01.01.01.07.01.	24	29DEC98	01FEB99
SN0434	FFTF PM's 4F/P - FEB FY99	2.01.01.01.21.01.01.01.07.01.	19	02FEB99	01MAR99
SN0435	FFTF PM's 4F/P - MAR FY99	2.01.01.01.21.01.01.01.07.01.	20	02MAR99	29MAR99
SN0436	FFTF PM's 4F/P - APR FY99	2.01.01.01.21.01.01.01.07.01.	20	30MAR99	26APR99
SN0437	FFTF PM's 4F/P - MAY FY99	2.01.01.01.21.01.01.01.07.01.	24	27APR99	28MAY99
SN0438	FFTF PM's 4F/P - JUN FY99	2.01.01.01.21.01.01.01.07.01.	20	01JUN99	28JUN99
SN0439	FFTF PM's 4F/P - JUL FY99	2.01.01.01.21.01.01.01.07.01.	18	29JUN99	26JUL99
SN0440	FFTF PM's 4F/P - AUG FY99	2.01.01.01.21.01.01.01.07.01.	25	27JUL99	30AUG99
SN0441	FFTF PM's 4F/P - SEP FY99	2.01.01.01.21.01.01.01.07.01.	22	31AUG99	30SEP99
SN0442	FFTF PM's 4F/P - OCT - SEP FY00	2.01.01.01.21.01.01.01.07.01.	252	01OCT99	29SEP00
SN0550	LANDLORD PM's 4L/P - OCT FY99	2.01.01.01.21.01.01.01.07.01.	23	01OCT98	02NOV98
SN0551	LANDLORD PM's 4L/P - NOV FY99	2.01.01.01.21.01.01.01.07.01.	18	03NOV98	30NOV98
SN0552	LANDLORD PM's 4L/P - DEC FY99	2.01.01.01.21.01.01.01.07.01.	18	01DEC98	28DEC98
SN0553	LANDLORD PM's 4L/P - JAN FY99	2.01.01.01.21.01.01.01.07.01.	24	29DEC98	01FEB99
SN0554	LANDLORD PM's 4L/P - FEB FY99	2.01.01.01.21.01.01.01.07.01.	19	02FEB99	01MAR99



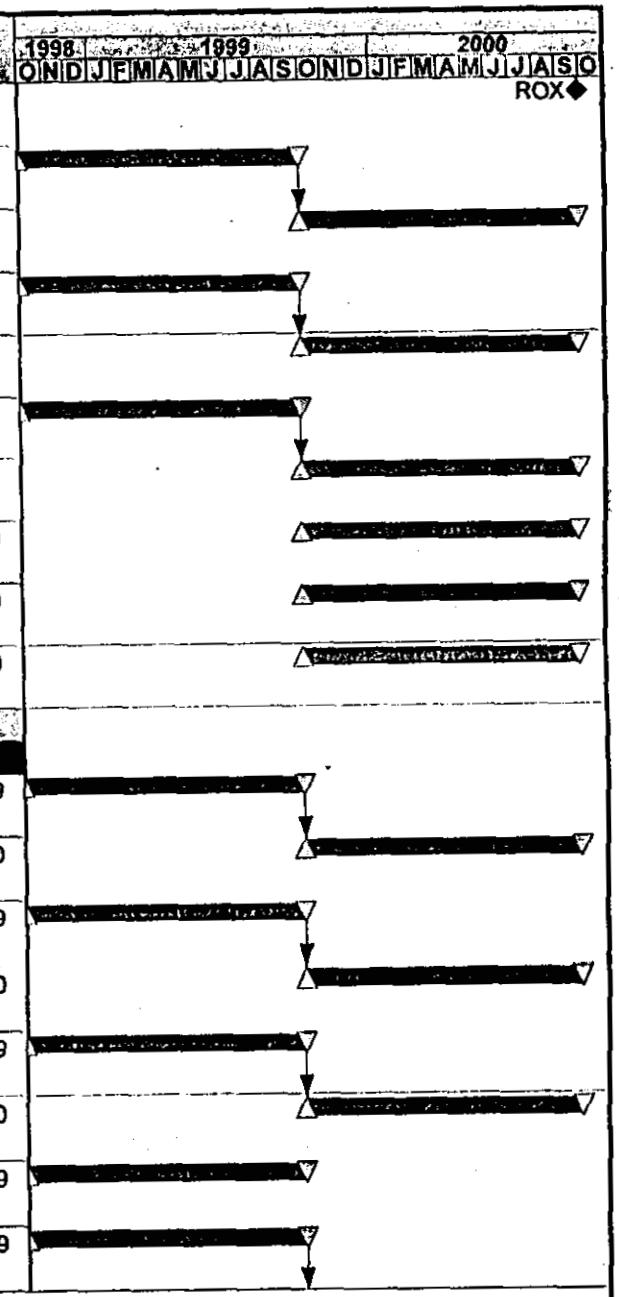
Activity ID	Activity Description	WBS	Orig Dur	Early Start	Early Finish
SN0555	LANDLORD PM's 4L/P - MAR FY99	2.01.01.01.21.01.01.01.07.01.	20	02MAR99	29MAR99
SN0556	LANDLORD PM's 4L/P - APR FY99	2.01.01.01.21.01.01.01.07.01.	20	30MAR99	26APR99
SN0557	LANDLORD PM's 4L/P - MAY FY99	2.01.01.01.21.01.01.01.07.01.	24	27APR99	28MAY99
SN0558	LANDLORD PM's 4L/P - JUN FY99	2.01.01.01.21.01.01.01.07.01.	20	01JUN99	28JUN99
SN0559	LANDLORD PM's 4L/P - JUL FY99	2.01.01.01.21.01.01.01.07.01.	18	29JUN99	26JUL99
SN0560	LANDLORD PM's 4L/P - AUG FY99	2.01.01.01.21.01.01.01.07.01.	25	27JUL99	30AUG99
SN0561	LANDLORD PM's 4L/P - SEP FY99	2.01.01.01.21.01.01.01.07.01.	22	31AUG99	30SEP99
SN0562	LANDLORD PM's 4L/P - OCT - SEP FY00	2.01.01.01.21.01.01.01.07.01.	252	01OCT99	29SEP00
SN0670	MASF PM's 4M/P - OCT FY99	2.01.01.01.21.01.01.01.07.01.	23	01OCT98	02NOV98
SN0671	MASF PM's 4M/P - NOV FY99	2.01.01.01.21.01.01.01.07.01.	18	03NOV98	30NOV98
SN0672	MASF PM's 4M/P - DEC FY99	2.01.01.01.21.01.01.01.07.01.	18	01DEC98	28DEC98
SN0673	MASF PM's 4M/P - JAN FY99	2.01.01.01.21.01.01.01.07.01.	24	29DEC98	01FEB99
SN0674	MASF PM's 4M/P - FEB FY99	2.01.01.01.21.01.01.01.07.01.	19	02FEB99	01MAR99
SN0675	MASF PM's 4M/P - MAR FY99	2.01.01.01.21.01.01.01.07.01.	20	02MAR99	29MAR99
SN0676	MASF PM's 4M/P - APR FY99	2.01.01.01.21.01.01.01.07.01.	20	30MAR99	26APR99
SN0677	MASF PM's 4M/P - MAY FY99	2.01.01.01.21.01.01.01.07.01.	24	27APR99	28MAY99
SN0678	MASF PM's 4M/P - JUN FY99	2.01.01.01.21.01.01.01.07.01.	20	01JUN99	28JUN99
SN0679	MASF PM's 4M/P - JUL FY99	2.01.01.01.21.01.01.01.07.01.	18	29JUN99	26JUL99
SN0680	MASF PM's 4M/P - AUG FY99	2.01.01.01.21.01.01.01.07.01.	25	27JUL99	30AUG99



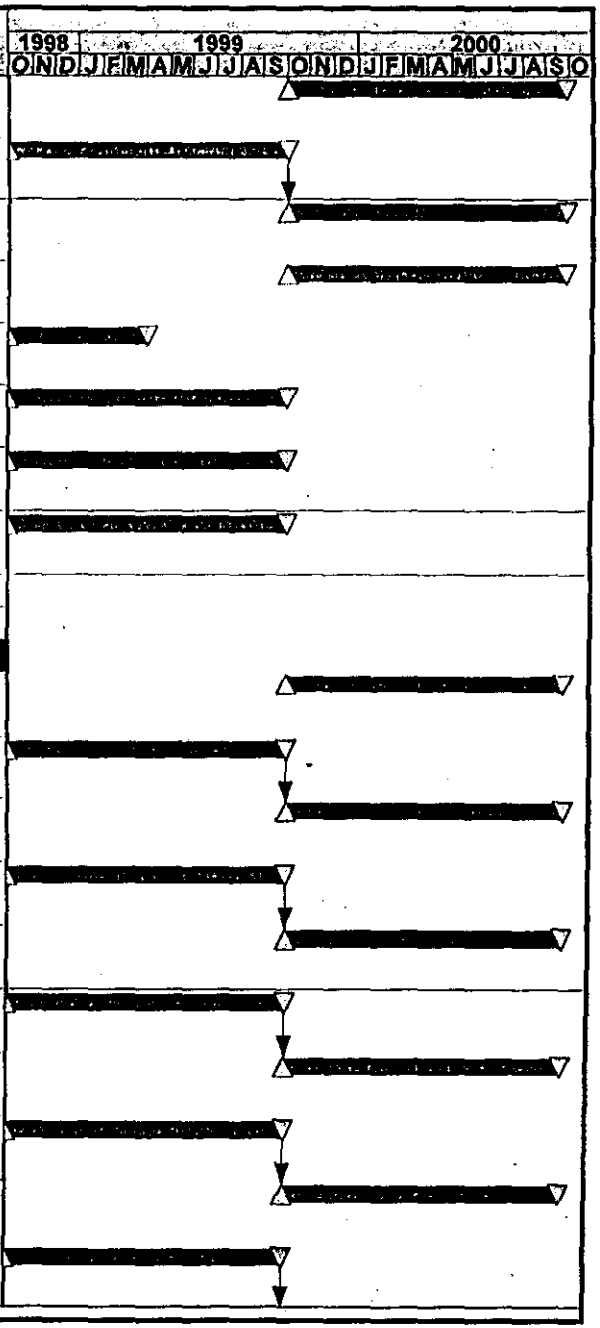
Activity ID	Activity Description	WBS	Orig Dur	Early Start	Early Finish
SN0681	MASF PM's 4M/P - SEP FY99	2.01.01.01.21.01.01.01.07.01.	22	31AUG99	30SEP99
SN0682	MASF PM's 4M/P - OCT - SEP FY00	2.01.01.01.21.01.01.01.07.01.	252	01OCT99	29SEP00
SN0720	PM MATERIAL BUDGET FY99	2.01.01.01.21.01.01.01.07.01.	251	01OCT98	30SEP99
SN0722	PM MATERIAL BUDGET FY00	2.01.01.01.21.01.01.01.07.01.	252	01OCT99	29SEP00
SN0730	FY99 GENERAL MAINTENANCE	2.01.01.01.21.01.01.01.07.01.	251	01OCT98	30SEP99
SN0732	FY00 GENERAL MAINTENANCE	2.01.01.01.21.01.01.01.07.01.	252	01OCT99	29SEP00
SN0740	FY99 MAINTENANCE TRAINING ATTENDENCE	2.01.01.01.21.01.01.01.07.01.	251	01OCT98	30SEP99
SN0742	FY00 MAINTENANCE TRAINING ATTENDENCE	2.01.01.01.21.01.01.01.07.01.	252	01OCT99	29SEP00
SN0750	FY99 CORRECTIVE MAINTENANCE 1ST PERIOD	2.01.01.01.21.01.01.01.07.01.	82	01OCT98	29JAN99
SN0751	B10-99-001 COMPLETE STANDBY WORKPHASE 99-1	2.01.01.01.21.01.01.01.07.01.	0		29JAN99
SN0752	FY99 CORRECTIVE MAINTENANCE 2ND PERIOD	2.01.01.01.21.01.01.01.07.01.	84	01FEB99	28MAY99
SN0753	B10-99-103 COMPLETE STANDBY WORKPHASE 99-2	2.01.01.01.21.01.01.01.07.01.	0		28MAY99
SN0754	FY99 CORRECTIVE MAINTENANCE 3RD PERIOD	2.01.01.01.21.01.01.01.07.01.	85	01JUN99	30SEP99
SN0755	B10-99-105 COMPLETE STANDBY WORKPHASE 99-3	2.01.01.01.21.01.01.01.07.01.	0		30SEP99
SN0756	FY00 CORRECTIVE MAINTENANCE 1ST PERIOD	2.01.01.01.21.01.01.01.07.01.	82	01OCT99	31JAN00
SN0757	B10-00-000 HEALTH OF FACILITY WORKPHASE 00-1	2.01.01.01.21.01.01.01.07.01.	0		31JAN00
SN0758	FY00 CORRECTIVE MAINTENANCE 2ND PERIOD	2.01.01.01.21.01.01.01.07.01.	85	01FEB00	31MAY00
SN0759	B10-00-001 HEALTH OF FACILITY WORKPHASE 00-2	2.01.01.01.21.01.01.01.07.01.	0		31MAY00
SN075A	FY00 CORRECTIVE MAINTENANCE 3RD PERIOD	2.01.01.01.21.01.01.01.07.01.	85	01JUN00	29SEP00



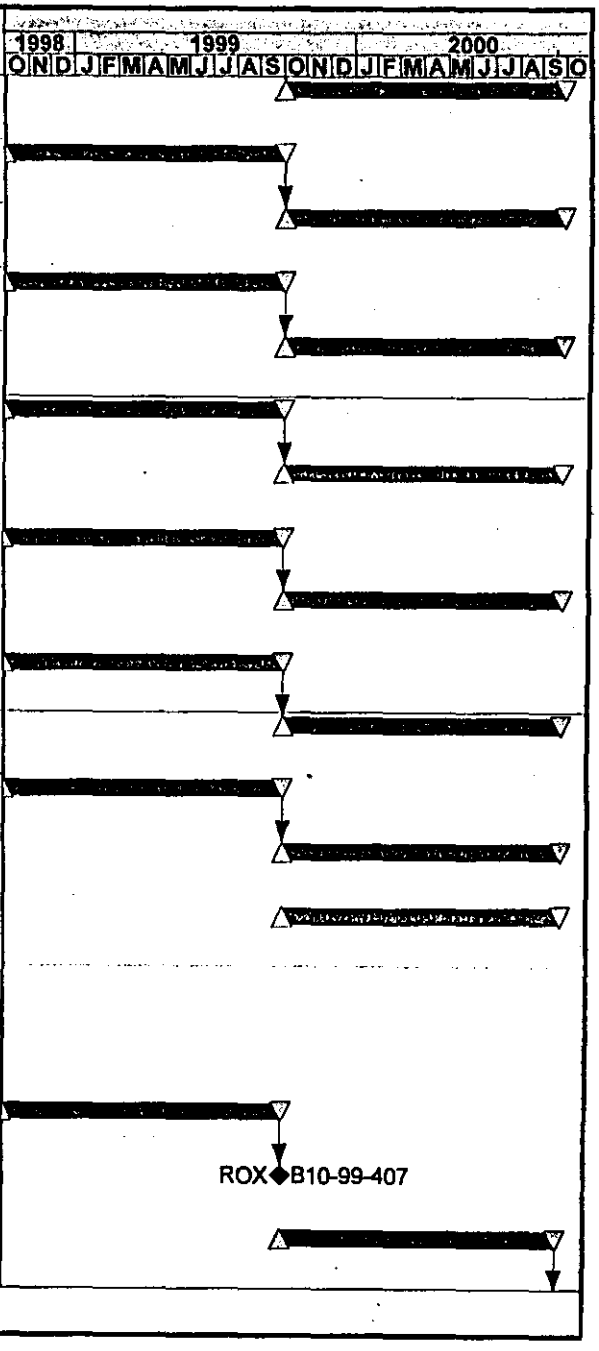
Activity ID	Activity Description	WBS	Orig Dur	Early Start	Early Finish
SN075B	B10-00-002 HEALTH OF FACILITY WORKPHASE 00-3	2.01.01.01.21.01.01.01.07.01.	0		29SEP00
SN0760	FY99 CORRECTIVE MAINT. MATERIALS & CONTRACTS	2.01.01.01.21.01.01.01.07.01.	251	01OCT98	30SEP99
SN0761	FY00 CORRECTIVE MAINT. MATERIALS & CONTRACTS	2.01.01.01.21.01.01.01.07.01.	252	01OCT99	29SEP00
SN0766	FY99 MAINT. FIELD SUPERVISION AND PIC ACT	2.01.01.01.21.01.01.01.07.01.	251	01OCT98	30SEP99
SN0768	FY00 MAINT. FIELD SUPERVISION AND PIC ACT	2.01.01.01.21.01.01.01.07.01.	252	01OCT99	29SEP00
SN0776	FY99 WORK CONTROL CENTER	2.01.01.01.21.01.01.01.07.01.	251	01OCT98	30SEP99
SN0778	FY00 WORK CONTROL CENTER	2.01.01.01.21.01.01.01.07.01.	252	01OCT99	29SEP00
SN0796	FY00 FFTF PEST CONTROL	2.01.01.01.21.01.01.01.07.01.	252	01OCT99*	29SEP00
SN0820	FY00 BACK-FLOW PREVENTER MAINTENANCE	2.01.01.01.21.01.01.01.07.01.	252	01OCT99*	29SEP00
SN0830	FY00 PROCURE SPARE MHTS PUMP OIL SEALS	2.01.01.01.21.01.01.01.07.01.	252	01OCT99*	29SEP00
FMEF					
FMEF S & M SUPPORT					
FM0110	FY99 FMEF SURVEILANCE AND MAINTENANCE	2.01.01.01.21.01.01.01.08.01.	251	01OCT98	30SEP99
FM0115	FY00 FMEF SURVEILANCE AND MAINTENANCE	2.01.01.01.21.01.01.01.08.01.	252	01OCT99	29SEP00
FM0150	FY99 FMEF PREVENTIVE/PREDICTIVE	2.01.01.01.21.01.01.01.08.01.	251	01OCT98	30SEP99
FM0155	FY00 FMEF PREVENTIVE/PREDICTIVE	2.01.01.01.21.01.01.01.08.01.	252	01OCT99	29SEP00
FM0210	FMEF FY99 PROVIDE ELECTRICITY	2.01.01.01.21.01.01.01.08.01.	251	01OCT98	30SEP99
FM0215	FMEF FY00 PROVIDE ELECTRICITY	2.01.01.01.21.01.01.01.08.01.	252	01OCT99	29SEP00
FM0310	FMEFY99 PROVIDE WATER AND SANITARY SEWER	2.01.01.01.21.01.01.01.08.01.	251	01OCT98	30SEP99
FM0410	FMEF FY99 ELEVATOR MAINTENANCE CONTRACT	2.01.01.01.21.01.01.01.08.01.	251	01OCT98	30SEP99



Activity ID	Activity Description	WBS	Orig Dur	Early Start	Early Finish
FM0415	FMEF FY00 ELEVATOR MAINTENANCE CONTRACT	2.01.01.01.21.01.01.01.08.01.	252	01OCT99	29SEP00
FM0510	FMEF FY99 THIRD PARTY INSPECTION	2.01.01.01.21.01.01.01.08.01.	251	01OCT98	30SEP99
FM0515	FMEF FY00 THIRD PARTY INSPECTION	2.01.01.01.21.01.01.01.08.01.	252	01OCT99	29SEP00
FM0710	FMEF FY00 PEST CONTROL SERVICE	2.01.01.01.21.01.01.01.08.01.	252	01OCT99*	29SEP00
FM0810	COLLECT OCCUPANCY FEES FROM LMHC	2.01.01.01.21.01.01.01.08.01.	124	01OCT98	31MAR99
FM0910	COLLECT OCCUPANCY FEES FROM MACTEC	2.01.01.01.21.01.01.01.08.01.	251	01OCT98	30SEP99
FM1010	COLLECT OCCUPANCY FEES FROM SNF	2.01.01.01.21.01.01.01.08.01.	251	01OCT98	30SEP99
FM1210	COLLECT OCCUPANCY FEES FROM TWRS	2.01.01.01.21.01.01.01.08.01.	251	01OCT98	30SEP99
REMOVE MATERIALS FROM FFTF					
FUEL HANDLING					
FUEL HANDLING SUPPORT					
DE0900	CUSTODIAL SUPPORT OF HDTS DATA BASES FY00	2.01.01.01.21.01.01.02.01.02.	252	01OCT99*	29SEP00
DE2070	FY99 FUEL HANDLING I&C PROG. MGMT	2.01.01.01.21.01.01.02.01.02.	251	01OCT98	30SEP99
DE2072	FY00 FUEL HANDLING I&C PROG. MGMT	2.01.01.01.21.01.01.02.01.02.	252	01OCT99	29SEP00
DE2080	FY99 FUEL HANDLING FACILITY TRAINING	2.01.01.01.21.01.01.02.01.02.	251	01OCT98	30SEP99
DE2082	FY00 FUEL HANDLING FACILITY TRAINING	2.01.01.01.21.01.01.02.01.02.	252	01OCT99	29SEP00
DE2100	FY99 FUEL HANDLING GENERAL ENGINEERING	2.01.01.01.21.01.01.02.01.02.	251	01OCT98	30SEP99
DE2102	FY00 FUEL HANDLING GENERAL ENGINEERING	2.01.01.01.21.01.01.02.01.02.	252	01OCT99	29SEP00
DE2120	FY99 FUEL HANDLING OPNS PROC.	2.01.01.01.21.01.01.02.01.02.	251	01OCT98	30SEP99
DE2122	FY00 FUEL HANDLING OPNS PROC.	2.01.01.01.21.01.01.02.01.02.	252	01OCT99	29SEP00
DE2130	FY99 FUEL HANDLING EMERGENCY REPAIR	2.01.01.01.21.01.01.02.01.02.	251	01OCT98	30SEP99

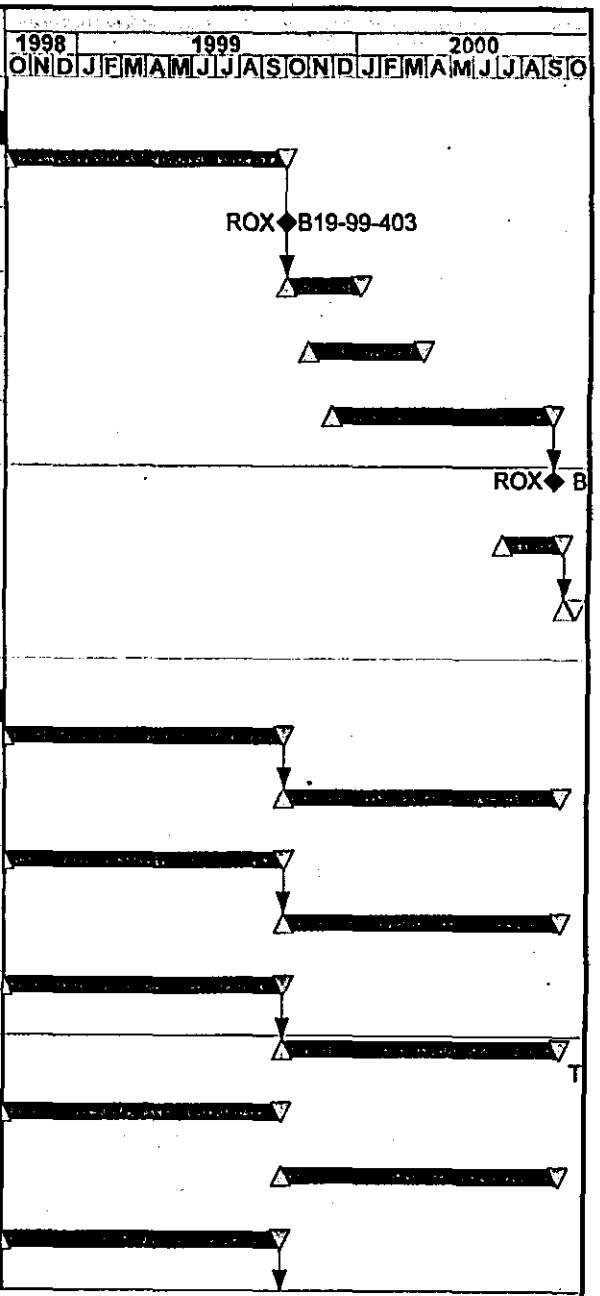


Activity ID	Activity Description	WBS	Orig Dur	Early Start	Early Finish
DE2132	FY00 FUEL HANDLING EMERGENCY REPAIR	2.01.01.01.21.01.01.02.01.02.	252	01OCT99	29SEP00
DE2140	FY99 FUEL HANDLING CONFIG. MGMT	2.01.01.01.21.01.01.02.01.02.	251	01OCT98	30SEP99
DE2142	FY00 FUEL HANDLING CONFIG. MGMT	2.01.01.01.21.01.01.02.01.02.	252	01OCT99	29SEP00
DE2150	FY99 FUEL HANDLING SYSTEM DOCUMENTATION	2.01.01.01.21.01.01.02.01.02.	251	01OCT98	30SEP99
DE2152	FY00 FUEL HANDLING SYSTEM DOCUMENTATION	2.01.01.01.21.01.01.02.01.02.	252	01OCT99	29SEP00
DE2160	FY99 FUEL HANDLING PIC	2.01.01.01.21.01.01.02.01.02.	251	01OCT98	30SEP99
DE2162	FY00 FUEL HANDLING PIC	2.01.01.01.21.01.01.02.01.02.	252	01OCT99	29SEP00
DE2170	FY99 FUEL HANDLING PMP/ICRS	2.01.01.01.21.01.01.02.01.02.	251	01OCT98	30SEP99
DE2172	FY00 FUEL HANDLING PMP/ICRS	2.01.01.01.21.01.01.02.01.02.	252	01OCT99	29SEP00
DE2180	FY99 FUEL HANDLING CORRECTIVE MAINTENANCE	2.01.01.01.21.01.01.02.01.02.	251	01OCT98	30SEP99
DE2182	FY00 FUEL HANDLING CORRECTIVE MAINTENANCE	2.01.01.01.21.01.01.02.01.02.	252	01OCT99	29SEP00
DE2300	FY99 DOCUMENT CONTROL & ADMINISTRATION	2.01.01.01.21.01.01.02.01.02.	251	01OCT98	30SEP99
DE2302	FY00 DOCUMENT CONTROL & ADMINISTRATION	2.01.01.01.21.01.01.02.01.02.	252	01OCT99	29SEP00
DE2312	FY00 FUEL HANDLING STUDIES	2.01.01.01.21.01.01.02.01.02.	252	01OCT99*	29SEP00
SWC					
SWC SUPPORT					
SH160	B19-99-404 UPGRADE THE SOLID WASTE CASK (SWC)	2.01.01.01.21.01.01.02.02.02.	0		29JUN01*
SH172	SWC - CLOSURE VALVE CONCEPTUAL DESIGN	2.01.01.01.21.01.01.02.02.02.	251	01OCT98*	30SEP99
SH173	B10--99-407 COMP CD FOR MOD SWC CLOSURE VALVE	2.01.01.01.21.01.01.02.02.02.	0		30SEP99
SH174	SWC - DETAILED DESIGN	2.01.01.01.21.01.01.02.02.02.	248	01OCT99*	25SEP00

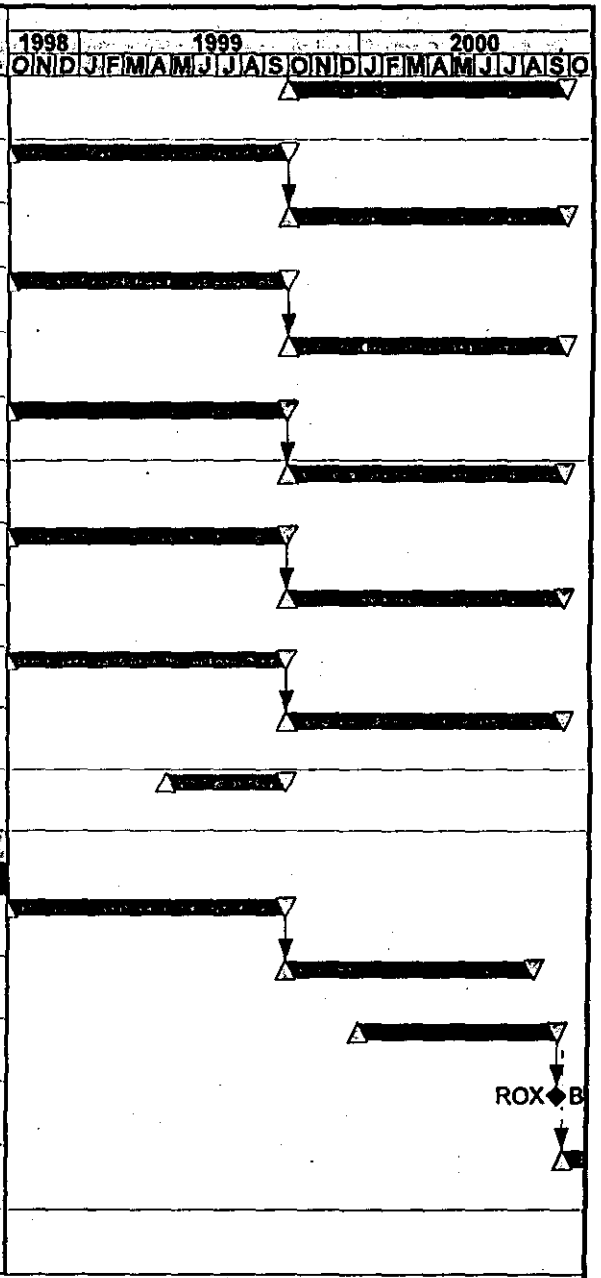


Activity ID	Activity Description	WBS	Orig Dur	Early Start	Early Finish	1998 O N D	1999 J F M A M J J A S O N D	2000 J F M A M J J A S O
SH175	B19-00-400 DEFINITIVE DESIGN FOR THE SWC	2.01.01.01.21.01.01.02.02.02.	0		25SEP00			ROX◆B
SH176	SWC - PROCUREMENT/FABRICATIO	2.01.01.01.21.01.01.02.02.02.	144	02OCT00*	27APR01			
SH178	SWC - FIELD INSTALLATION	2.01.01.01.21.01.01.02.02.02.	119	22FEB01*	09AUG01			
SH182	SWC - ACCEPTANCE TESTING	2.01.01.01.21.01.01.02.02.02.	153	01MAR01*	04OCT01			
SH184	SWC - OPERATIONAL READINESS	2.01.01.01.21.01.01.02.02.02.	115	01MAY01*	11OCT01			
SHEAR ATP								
SHEAR ATP SUPPORT								
SH230	OTA SHEAR - DSWC PREPS	2.01.01.01.21.01.01.02.03.01.	168	02OCT00*	01JUN01			
SH240	OTA SHEAR - FAB SUPPORT FIXTURE	2.01.01.01.21.01.01.02.03.01.	41	02OCT00*	29NOV00			
SH250	OTA SHEAR - OPS AT IEMCTF (OP CERT)	2.01.01.01.21.01.01.02.03.01.	43	01MAY01*	29JUN01			
SH260	OTA SHEAR - MOVE EQUIPMENT	2.01.01.01.21.01.01.02.03.01.	21	02JUL01	31JUL01			
SH270	OTA SHEAR - IEMC ELEC MOD	2.01.01.01.21.01.01.02.03.01.	23	01AUG01	31AUG01			
SH280	OTA SHEAR - PREPARE ATP	2.01.01.01.21.01.01.02.03.01.	62	01FEB01*	30APR01			
SH290	OTA SHEAR - REMOVE WASTE CONT.	2.01.01.01.21.01.01.02.03.01.	20	15AUG01*	12SEP01			
SH295	RRB FOR OTA SHEAR ATP	2.01.01.01.21.01.01.02.03.01.	19	04SEP01	28SEP01			
SH297	B10-98-101 COMPLETE RRB FOR OTA SHEARING ATP	2.01.01.01.21.01.01.02.03.01.	0		28SEP01			
SH300	OTA SHEAR - ATP	2.01.01.01.21.01.01.02.03.01.	49	01OCT01	10DEC01			
SH301	B10-98-102 COMPLETE ATP FOR OTA SHEAR	2.01.01.01.21.01.01.02.03.01.	0		10DEC01			
SH303	RRB FOR OTA SHEAR RELEASE	2.01.01.01.21.01.01.02.03.01.	13	11DEC01	31DEC01			
SH305	B10-98-103 OBTAIN RRB RELEASE FOR OTA SHEAR	2.01.01.01.21.01.01.02.03.01.	0		31DEC01			

Activity ID	Activity Description	WBS	Orig Dur	Early Start	Early Finish
CLEM UPGRADE					
CLEM UPGRADE SUPPORT					
DE2014	CLEM UPGRADE DESIGN/PROCUREMENT/INS	2.01.01.01.21.01.01.02.04.01.	251	01OCT98	30SEP99
DE2015	B19-99-403 CLOSED LOOP EX-VESSEL MACHINE	2.01.01.01.21.01.01.02.04.01.	0		30SEP99*
DE2020	CLEM - SOFTWARE DESIGN & VERIFICATION	2.01.01.01.21.01.01.02.04.01.	66	01OCT99*	07JAN00
DE2030	CLEM - WORK PKG & PROCEDURE PREPARATION	2.01.01.01.21.01.01.02.04.01.	100	01NOV99*	27MAR00
DE2040	CLEM - ACCEPTANCE TESTING	2.01.01.01.21.01.01.02.04.01.	200	01DEC99*	14SEP00
DE2045	B19-00-403 ACCEPTANCE TESTING FOR CLEM	2.01.01.01.21.01.01.02.04.01.	0		14SEP00
DE2060	CLEM - OPERATIONAL READINESS	2.01.01.01.21.01.01.02.04.01.	56	13JUL00*	29SEP00
DE2062	CLEM - OPERATIONAL READINESS	2.01.01.01.21.01.01.02.04.01.	11	02OCT00*	16OCT00
IEM CELL & REFUELING ADMIN					
IEM CELL & REFUELING MECH ENG SUPPORT					
SH010	FY99 IRME GEN ADMIN & PROJECT MGMT	2.01.01.01.21.01.01.02.05.01.	251	01OCT98	30SEP99
SH012	FY00 IRME GEN ADMIN & PROJECT MGMT	2.01.01.01.21.01.01.02.05.01.	252	01OCT99	29SEP00
SH020	FY99 IRME FACILITY TRAINING	2.01.01.01.21.01.01.02.05.01.	251	01OCT98	30SEP99
SH022	FY00 IRME FACILITY TRAINING	2.01.01.01.21.01.01.02.05.01.	252	01OCT99	29SEP00
SH040	FY99 IRME GENERAL ENGINEERING	2.01.01.01.21.01.01.02.05.01.	251	01OCT98	30SEP99
SH042	FY00 IRME GENERAL ENGINEERING	2.01.01.01.21.01.01.02.05.01.	252	01OCT99	29SEP00
SH050	FY99 IRME ENGINEERING STUDIES	2.01.01.01.21.01.01.02.05.01.	251	01OCT98	30SEP99
SH052	FY00 IRME ENGINEERING STUDIES	2.01.01.01.21.01.01.02.05.01.	252	01OCT99*	29SEP00
SH060	FY99 IRME OPNS PROC.	2.01.01.01.21.01.01.02.05.01.	251	01OCT98	30SEP99



Activity ID	Activity Description	WBS	Orig Dur	Early Start	Early Finish
SH062	FY00 IRME OPNS PROC.	2.01.01.01.21.01.01.02.05.01.	252	01OCT99	29SEP00
SH080	FY99 IRME CONFIGURATION MANAGEMENT	2.01.01.01.21.01.01.02.05.01.	251	01OCT98	30SEP99
SH082	FY00 IRME CONFIGURATION MANAGEMENT	2.01.01.01.21.01.01.02.05.01.	252	01OCT99	29SEP00
SH090	FY99 IRME SYSTEM DOCUMENTATION	2.01.01.01.21.01.01.02.05.01.	251	01OCT98	30SEP99
SH092	FY00 IRME SYSTEM DOCUMENTATION	2.01.01.01.21.01.01.02.05.01.	252	01OCT99	29SEP00
SH100	FY99 IRME PIC	2.01.01.01.21.01.01.02.05.01.	251	01OCT98	30SEP99
SH102	FY00 IRME PIC	2.01.01.01.21.01.01.02.05.01.	252	01OCT99	29SEP00
SH110	FY99 IRME PMP/ICRS	2.01.01.01.21.01.01.02.05.01.	251	01OCT98	30SEP99
SH112	FY00 IRME PMP/ICRS	2.01.01.01.21.01.01.02.05.01.	252	01OCT99	29SEP00
SH120	FY99 IRME CORRECTIVE MAINTENANCE	2.01.01.01.21.01.01.02.05.01.	251	01OCT98	30SEP99
SH122	FY00 IRME CORRECTIVE MAINTENANCE	2.01.01.01.21.01.01.02.05.01.	252	01OCT99	29SEP00
SH125	FY99 IRME TRANSPORTATION	2.01.01.01.21.01.01.02.05.01.	110	26APR99*	30SEP99
SRS C1167					
SRS C1167 SUPPORT					
DE2190	SRS C1167	2.01.01.01.21.01.01.02.06.01.	251	01OCT98	30SEP99
DE2200	SRS C1167 - SOFTWARE TESTS/PREPARE	2.01.01.01.21.01.01.02.06.01.	226	01OCT99	23AUG00
DE2220	SRS C1167 - CONSTRUCTION	2.01.01.01.21.01.01.02.06.01.	185	04JAN00*	22SEP00
DE2230	B19-00-402 SRS CONTROL SYSTEM CONSTRUCTION	2.01.01.01.21.01.01.02.06.01.	0		22SEP00
DE2240	SRS C1167 - ACCEPTANCE TESTING	2.01.01.01.21.01.01.02.06.01.	97	02OCT00*	21FEB01
DE2255	SRS C1167 - OPERATIONAL READINESS	2.01.01.01.21.01.01.02.06.01.	24	22FEB01	27MAR01



Sheet 22 of 22

APPENDIX B

USAGE AND COSTS

Project	Page
Advanced Reactors Transition	
FY 2000	
NE Legacy Facilities	117
309 Building Facility	119
FY 2001	
NE Legacy Facilities	123
309 Building Facility	127
FY 2002	
NE Legacy Facilities	139
309 Building Facility	144
FY 2003	
NE Legacy Facilities	151
309 Building Facility	155
FY 2004	
NE Legacy Facilities	159
Fast Flux Test Facility	163

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ADVANCED REACTORS TRANSITION (FY00)
START DATE 01OCT98
FIN DATE 30SEP04
DATA DATE 01OCT98
RESOURCE ALLOCATION REPORT FOR CAMs
NE LEGACY OCCUPANCY

PRIMAVERA PROJECT PLANNER
REPORT DATE 04OCT99
RUN NO. 2911:54

ACT ID	CACN	ACTIVITY DESCRIPTION	CAPN	BUDGET COA	PERF ORG	RES	RES DESCRIPTION	BUDGET QUANTITY	RES UNITS	BUDGET COST
BILL BREHM										
LO0060	101541	FY2000 LEGACY OCCUPANCY	1B1C11	EB00	18200	BE07E	BWHC - Mechanical Engineers	960.00	HRS	67421
			1B1C11	EB00	65600	IC12B	DyInSe - Other Crafts	1326.00	HRS	102712
			1B1C11	EB00	52900	IR10E	DyInSe - Plant Engineers	477.00	HRS	41284
			1B1C11	EB00	18200	10	Material & Equipment	16.00	$	19059
			1B1C11	EB00	18200	5E	BPA Redistribution	60.00	$	71471
			1B1C11	AA40	18200	71M	PHMC Fee	35.00	$	35000
			1B1C11	EB00	18200	BE10E	BWHC - Plant Engineers	910.00	HRS	51115
			1B1C11	EB00	65800	CR07B	DynC - Utilities System Operat	436.00	HRS	24848
										412910
										412910

ACT ID	CACN	ACTIVITY DESCRIPTION	CAPN	BUDGET COA	PERF ORG	RES	RES DESCRIPTION	BUDGET QUANTITY	RES UNITS	BUDGET COST
BILL BREHM										
LE0078	101543	CLEAN 221-T & WETTING STATION TANKS FY00	1B1C22	GB00	18200	BE07E	BWHC - Mechanical Engineers	100.00	HRS	7023
			1B1C22	GB00	18200	10	Material & Equipment	2.46	$	2930
			1B1C22	GB00	18200	93	Waste Management NW	5.00	$	6057
			1B1C22	GB00	18200	94	FD Northwest	7.67	$	9411
			1B1C22	GB00	18200	98	Cogema	37.00	$	44823
			1B1C22	GB00	18700	BE05E	BWHC - Environmental Engineers	40.00	HRS	2865
			1B1C22	GB00	18800	BE06E	BWHC - Industrial Engineers	20.00	HRS	914
			1B1C22	GB00	18200	BE10E	BWHC - Plant Engineers	177.64	HRS	9978
			1B1C22	GB00	18400	BE11E	BWHC - Quality Control Enginee	10.00	HRS	665
			1B1C22	GB00	18800	BE12E	BWHC - Safety Engineers	20.00	HRS	1195
										85861
										85861

ACT ID	CACN	ACTIVITY DESCRIPTION	CAPN	BUDGET COA	PERF ORG	RES	RES DESCRIPTION	BUDGET QUANTITY	RES UNITS	BUDGET COST
IVAN METCALF										
PO1120	101547	309 BLDG MANAGEMENT AND SUPPORT FY00	1B1D01	A010	19100	BG04N	BWHC - Secretaries	230.00	HRS	6826
			1B1D01	AA30	19800	BM02E	BWHC - Managers & Executives	350.00	HRS	29292
										36118
PO1122	101547	309 BLDG MANAGEMENT AND SUPPORT FY00	1B1D01	AA30	19600	BM02E	BWHC - Managers & Executives	324.00	HRS	27116
			1B1D01	A010	19600	BG02N	BWHC - Office Clerks (General)	100.00	HRS	2702
										29818
PO1124	101547	309 BLDG MANAGEMENT AND SUPPORT FY00	1B1D01	AH10	19800	BM02E	BWHC - Managers & Executives	40.00	HRS	3348
			1B1D01	AA30	19500	BM02E	BWHC - Managers & Executives	100.00	HRS	8369
			1B1D01	A010	19500	BG02N	BWHC - Office Clerks (General)	100.00	HRS	2702
										14419
PO1210	101547	309 BLDG TRAINING	1B1D01	AH50	19100	41	Training Services	5.00	$	5956
			1B1D01	AH50	19100	BE07E	BWHC - Mechanical Engineers	80.00	HRS	5618
			1B1D01	AH50	19100	BE10E	BWHC - Plant Engineers	80.00	HRS	4494
			1B1D01	AH50	19600	BP08E	BWHC - Health Physicists	40.00	HRS	2559
			1B1D01	AH50	61900	BT05B	BWHC - Health Physics Technici	60.00	HRS	3086
			1B1D01	AH50	61900	BR04B	BWHC - Nuclear Plant Operators	60.00	HRS	3149
			1B1D01	AH20	19800	BP15E	BWHC - Trainers & Instructors	50.00	HRS	2795
										27656
PO1310	101547	309 BLDG BASELINE CONTROL/PBS/MYPP	1B1D01	AQ00	19100	BE07E	BWHC - Mechanical Engineers	160.00	HRS	11237
			1B1D01	AQ00	19100	BP01E	BWHC - Accountants & Auditors	720.00	HRS	38952
										50189
PO1410	101547	309 BLDG UTILITIES AND ASSESSEMENTS	1B1D01	A020	19100	5E	BPA Redistribution	8.40	$	10006
			1B1D01	FE00	19100	93	Waste Management NW	5.60	$	6784
			1B1D01	A020	19100	10	Material & Equipment	12.40	$	14771
			1B1D01	A020	19100	4V	Fleet	3.00	$	3574
			1B1D01	AA40	19100	71M	PHMC Fee	45.00	$	45000
			1B1D01	BC40	19100	94	FD Northwest	19.50	$	23925
			1B1D01	CB10	19100	3D	Other Hanford Contractors	7.20	$	8577
			1B1D01	FF10	19100	23	Misc. Purchased Services (Taxe	7.90	$	9410
			1B1D01	EA00	19100	23	Misc. Purchased Services (Taxe	8.25	$	9827
			1B1D01	A020	65F00	23	Misc. Purchased Services (Taxe	16.25	$	19357

ACT ID	CACN	ACTIVITY DESCRIPTION	CAPN	BUDGET COA	PERF ORG	RES	RES DESCRIPTION	BUDGET QUANTITY	RES UNITS	BUDGET COST
IVAN METCALF										
										151231
PO2210	101547	309 BLDG PROCEDURE PREPERATION AND MAINT	1B1D01	AJ70	19100	97	Lockheed Martin Services, Inc.	2.00	$	2556
			1B1D01	BC10	19100	BE10E	BWHC - Plant Engineers	50.00	HRS	2809
			1B1D01	BC10	19100	BE07E	BWHC - Mechanical Engineers	100.00	HRS	7023
										12388
PO2310	101547	309 BLDG INDEPENDENT OVERSITE	1B1D01	AL20	19500	BE11E	BWHC - Quality Control Enginee	40.00	HRS	2658
			1B1D01	CB70	19500	BE12E	BWHC - Safety Engineers	140.00	HRS	8366
			1B1D01	CB20	19500	BP09E	BWHC - Industrial Hygienists	40.00	HRS	2490
			1B1D01	CB30	19500	BE13E	BWHC - Other Engineers	40.00	HRS	2779
										16293
PO2410	101547	309 BLDG MANAGEMENT ASSESSMENTS	1B1D01	AK10	19500	BE12E	BWHC - Safety Engineers	40.00	HRS	2390
			1B1D01	AK10	19500	BE05E	BWHC - Environmental Engineers	80.00	HRS	5730
			1B1D01	AK10	19500	BE11E	BWHC - Quality Control Enginee	80.00	HRS	5316
			1B1D01	AK10	19600	BP08E	BWHC - Health Physicists	120.00	HRS	7676
										21112
PO2510	101547	309 BLDG ENVIRONEMTNETAL COMPLIANCE	1B1D01	CA40	19100	BE07E	BWHC - Mechanical Engineers	80.00	HRS	5618
			1B1D01	CA40	19500	BE05E	BWHC - Environmental Engineers	80.00	HRS	5730
										11348
PO3110	101547	309 BLDG BUILDING OPERATIONS SURVEILANCE	1B1D01	EB00	19100	BE10E	BWHC - Plant Engineers	130.00	HRS	7302
			1B1D01	EB00	19100	BE07E	BWHC - Mechanical Engineers	120.00	HRS	8428
			1B1D01	CB10	61900	BR04B	BWHC - Nuclear Plant Operators	470.00	HRS	24666
										40395
PO3210	101547	309 BLDG HEALTH PHYSICS SURVEILANCE	1B1D01	CB10	19600	BP08E	BWHC - Health Physicists	200.00	HRS	12794
			1B1D01	CB10	61900	BT05B	BWHC - Health Physics Technici	400.00	HRS	20576
			1B1D01	CB10	61900	BR04B	BWHC - Nuclear Plant Operators	120.00	HRS	6298
										39668

ACT ID	CACN	ACTIVITY DESCRIPTION	CAPN	BUDGET COA	PERF ORG	RES	RES DESCRIPTION	BUDGET QUANTITY	RES UNITS	BUDGET COST
IVAN METCALF										
PO4110	101547	309 BLDG CORECTIVE MAINTENANCE	1B1D01	FA20	19100	10	Material & Equipment	5.00	$	5956
			1B1D01	FA20	61900	BR04B	BWHC - Nuclear Plant Operators	198.00	HRS	10391
			1B1D01	FA20	61900	BT05B	BWHC - Health Physics Technici	120.00	HRS	6173
			1B1D01	BD00	19100	BE10E	BWHC - Plant Engineers	225.00	HRS	12638
			1B1D01	B000	19100	BE07E	BWHC - Mechanical Engineers	125.00	HRS	8779
			1B1D01	FA20	65600	CC00B	DynC - Crafts	240.00	HRS	14268
			1B1D01	CA40	19500	BE05E	BWHC - Environmental Engineers	30.00	HRS	2149
										60353
PO4220	101547	309 BLDG PREVENTIVE MAINTENANCE	1B1D01	FA10	19100	44	Crane & Rigging - Labor & Equi	6.00	$	7147
			1B1D01	FA10	61900	BT05B	BWHC - Health Physics Technici	100.00	HRS	5144
			1B1D01	EA00	19100	BE04E	BWHC - Electrical Engineers	110.00	HRS	7795
			1B1D01	BD00	19100	BE10E	BWHC - Plant Engineers	225.00	HRS	12638
			1B1D01	B000	19100	BE07E	BWHC - Mechanical Engineers	225.00	HRS	15802
			1B1D01	FA10	65400	CL07B	DynC - Light Vehicle Drivers	32.00	HRS	1532
										50058
PO4320	101547	309 BLDG JOB PLANNING AND WORK CONTROL	1B1D01	FA30	19100	BE13E	BWHC - Other Engineers	208.00	HRS	14450
			1B1D01	EJ00	19100	BE04E	BWHC - Electrical Engineers	80.00	HRS	5669
			1B1D01	EJ00	19100	BE07E	BWHC - Mechanical Engineers	770.00	HRS	54077
			1B1D01	EJ00	19100	BE10E	BWHC - Plant Engineers	603.00	HRS	33871
			1B1D01	EJ00	19100	BE13E	BWHC - Other Engineers	65.00	HRS	4516
			1B1D01	EJ00	19100	BP17E	BWHC - Other Professionals	807.27	HRS	35221
										147803
										708848

ADVANCED REACTORS TRANSITION (FY00)
START DATE 01OCT98
FIN DATE 30SEP04
DATA DATE 01OCT98
RESOURCE ALLOCATION REPORT FOR CAMs
STABILIZE PRTR FUEL TRANSFER PIT

PRIMAVERA PROJECT PLANNER
REPORT DATE 04OCT99
RUN NO. 2911:54

ACT ID	CACN	ACTIVITY DESCRIPTION	CAPN	BUDGET COA	PERF ORG	RES	RES DESCRIPTION	BUDGET QUANTITY	RES UNITS	BUDGET COST
IVAN METCALF										
PP0160	101552	CLEANOUT/STABILIZE FY00- FUEL TRANFER PIT	1B1D0E	GB00	19100	BE12E	BWHC - Safety Engineers	63.00	HRS	3765
			1B1D0E	GB00	19100	BE13E	BWHC - Other Engineers	158.00	HRS	10976
			1B1D0E	GB00	61900	BR05B	BWHC - Nuclear Waste Process O	340.00	HRS	18530
			1B1D0E	GB00	61900	BT05B	BWHC - Health Physics Technici	168.00	HRS	8642
			1B1D0E	GB00	19100	10	Material & Equipment	22.53	$	26838
			1B1D0E	GB00	19100	44	Crane & Rigging - Labor & Equi	18.71	$	22287
			1B1D0E	GB00	19100	BE07E	BWHC - Mechanical Engineers	126.00	HRS	8849
			1B1D0E	GB00	19100	BE10E	BWHC - Plant Engineers	137.00	HRS	7695
			1B1D0E	GB00	65600	CC00B	DynC - Crafts	48.00	HRS	2854
										110436
										110436
										1318055

ADVANCED REACTORS TRANSITION (FY01)
START DATE 01OCT98
FIN DATE 30SEP04
DATA DATE 01OCT98
RESOURCE ALLOCATION REPORT FOR CAMs
NE LEGACY OCCUPANCY

PRIMAVERA PROJECT PLANNER
REPORT DATE 04OCT99
RUN NO. 2912:00

ACT ID	CACN	ACTIVITY DESCRIPTION	CAPN	BUDGET COA	PERF ORG	RES	RES DESCRIPTION	BUDGET QUANTITY	RES UNITS	BUDGET COST
BILL BREHM										
LO0080	101541	FY2001 LEGACY OCCUPANCY	1B1C11	EB00	18200	BE07E	BWHC - Mechanical Engineers	960.00	HRS	69062
			1B1C11	EB00	65600	IC12B	DyInSe - Other Crafts	1326.00	HRS	116065
			1B1C11	EB00	52900	IE10E	DyInSe - Plant Engineers	477.00	HRS	46655
			1B1C11	EB00	18200	10	Material & Equipment	10.00	$	11988
			1B1C11	EB00	18200	5E	BPA Redistribution	60.00	$	71928
			1B1C11	AA40	18200	71M	PHMC Fee	120.00	$	120000
			1B1C11	EB00	18200	BE10E	BWHC - Plant Engineers	910.00	HRS	52361
			1B1C11	EB00	65800	CR07B	DynC - Utilities System Operat	436.00	HRS	25009
										513069
										513069

ACT ID	CACN	ACTIVITY DESCRIPTION	CAPN	BUDGET COA	PERF ORG	RES	RES DESCRIPTION	BUDGET QUANTITY	RES UNITS	BUDGET COST
BILL BREHM										
LE0030	101542	REMOVE & SHIP 337 CONTROLS & PIPING FY01	1B1C21	GB00	18200	BE07E	BWHC - Mechanical Engineers	1805.00	HRS	129852
			1B1C21	GB00	18200	10	Material & Equipment	4.10	$	4915
			1B1C21	GB00	18200	93	Waste Management NW	23.89	$	29498
			1B1C21	GB00	18200	94	FD Northwest	363.00	$	456923
			1B1C21	GB00	18200	98	Cogema	200.00	$	246952
			1B1C21	GB00	18200	BE10E	BWHC - Plant Engineers	100.00	HRS	5754
			1B1C21	GB00	18200	28	Misc. Adjustments	7.28	$	8727
										882621
										882621

ACT ID	CACN	ACTIVITY DESCRIPTION	CAPN	BUDGET COA	PERF ORG	RES	RES DESCRIPTION	BUDGET QUANTITY	RES UNITS	BUDGET COST
BILL BREHM										
LE0090	101544	Drain/Clean CRCTA Vessel FY01	1B1C23	GB00	18200	BE07E	BWHC - Mechanical Engineers	171.00	HRS	12302
			1B1C23	GB00	18200	21	PO Contracts	28.69	$	34394
			1B1C23	GB00	18200	94	FD Northwest	4.60	$	5790
			1B1C23	GB00	18200	10	Material & Equipment	2.05	$	2458
			1B1C23	GB00	18200	98	Cogema	7.89	$	9742
										64685
										64685

ADVANCED REACTORS TRANSITION (FY01)
START DATE 01OCT98
FIN DATE 30SEP04
DATA DATE 01OCT98
RESOURCE ALLOCATION REPORT FOR CAMs
NE LEGACY SUPPORT

PRIMAVERA PROJECT PLANNER
REPORT DATE 04OCT99
RUN NO. 2912:00

ACT ID	CACN	ACTIVITY DESCRIPTION	CAPN	BUDGET COA	PERF ORG	RES	RES DESCRIPTION	BUDGET QUANTITY	RES UNITS	BUDGET COST
BILL BREHM										
LE0170	101546	FY 2001 NE LEGACIES NA DISPOSITION PRJ. SUPP.	1B1C25	AQ31	18200	BE07E	BWHC - Mechanical Engineers	1800.00	HRS	129492
			1B1C25	AQ31	18200	BE12E	BWHC - Safety Engineers	20.00	HRS	1224
			1B1C25	AQ31	18800	BP09E	BWHC - Industrial Hygienists	20.00	HRS	1275
			1B1C25	AQ31	4H700	HE05E	FDH - Environmental Engineers	20.00	HRS	1199
			1B1C25	AQ31	18200	94	FD Northwest	18.68	$	23513
										156703
										156703

ACT ID	CACN	ACTIVITY DESCRIPTION	CAPN	BUDGET COA	PERF ORG	RES	RES DESCRIPTION	BUDGET QUANTITY	RES UNITS	BUDGET COST
IVAN METCALF										
PO1140	101547	309 BLDG MANAGEMENT AND SUPPORT FY01	1B1D01	A010	19100	BG04N	BWHC - Secretaries	230.00	HRS	6994
			1B1D01	AA30	19800	BM02E	BWHC - Managers & Executives	350.00	HRS	30006
										37000
PO1142	101547	309 BLDG MANAGEMENT AND SUPPORT FY01	1B1D01	AA30	19600	BM02E	BWHC - Managers & Executives	324.00	HRS	27777
			1B1D01	A010	19600	BG02N	BWHC - Office Clerks (General)	100.00	HRS	2767
										30544
PO1144	101547	309 BLDG MANAGEMENT AND SUPPORT FY01	1B1D01	AH10	19800	BM02E	BWHC - Managers & Executives	40.00	HRS	3429
			1B1D01	AA30	19500	BM02E	BWHC - Managers & Executives	100.00	HRS	8573
			1B1D01	A010	19500	BG02N	BWHC - Office Clerks (General)	100.00	HRS	2767
										14769
PO1220	101547	309 BLDG TRAINING	1B1D01	AH50	19100	41	Training Services	5.00	$	5994
			1B1D01	AH50	19100	BE07E	BWHC - Mechanical Engineers	80.00	HRS	5755
			1B1D01	AH50	19100	BE10E	BWHC - Plant Engineers	80.00	HRS	4603
			1B1D01	AH50	19600	BP08E	BWHC - Health Physicists	40.00	HRS	2621
			1B1D01	AH50	61900	BT05B	BWHC - Health Physics Technici	60.00	HRS	3162
			1B1D01	AH50	61900	BR04B	BWHC - Nuclear Plant Operators	60.00	HRS	3226
			1B1D01	AH20	19800	BP15E	BWHC - Trainers & Instructors	50.00	HRS	2863
										28224
PO1320	101547	309 BLDG BASELINE CONTROL/PBS/MYPP	1B1D01	AQ00	19100	BE07E	BWHC - Mechanical Engineers	160.00	HRS	11510
			1B1D01	AQ00	19100	BP01E	BWHC - Accountants & Auditors	720.00	HRS	39902
										51413
PO1420	101547	309 BLDG UTILITIES AND ASSESSEMENTS	1B1D01	A020	19100	5E	BPA Redistribution	8.40	$	10070
			1B1D01	FE00	19100	93	Waste Management NW	5.60	$	6915
			1B1D01	A020	19100	10	Material & Equipment	11.96	$	14338
			1B1D01	A020	19100	4V	Fleet	3.00	$	3596
			1B1D01	AA40	19100	71M	PHMC Fee	120.00	$	120000
			1B1D01	BC40	19100	94	FD Northwest	19.50	$	24545
			1B1D01	CB10	19100	3D	Other Hanford Contractors	7.20	$	8631
			1B1D01	FF10	19100	23	Misc. Purchased Services (Taxe	7.90	$	9471
			1B1D01	EA00	19100	23	Misc. Purchased Services (Taxe	8.25	$	9890
			1B1D01	A020	65F00	23	Misc. Purchased Services (Taxe	16.25	$	19481

ACT ID	CACN	ACTIVITY DESCRIPTION	CAPN	BUDGET COA	PERF ORG	RES	RES DESCRIPTION	BUDGET QUANTITY	RES UNITS	BUDGET COST
IVAN METCALF										
										226937
PO2220	101547	309 BLDG PROCEDURE PREPERATION AND MAINT	1B1D01	AJ70	19100	97	Lockheed Martin Services, Inc.	2.00	$	2494
			1B1D01	BC10	19100	BE10E	BWHC - Plant Engineers	50.00	HRS	2877
			1B1D01	BC10	19100	BE07E	BWHC - Mechanical Engineers	100.00	HRS	7194
										12565
PO2320	101547	309 BLDG INDEPENDENT OVERSITE	1B1D01	AL20	19500	BE11E	BWHC - Quality Control Enginee	40.00	HRS	2723
			1B1D01	CB70	19500	BE12E	BWHC - Safety Engineers	140.00	HRS	8569
			1B1D01	CB20	19500	BP09E	BWHC - Industrial Hygienists	40.00	HRS	2550
			1B1D01	CB30	19500	BE13E	BWHC - Other Engineers	40.00	HRS	2846
										16689
PO2420	101547	309 BLDG MANAGEMENT ASSESSMENTS	1B1D01	AK10	19500	BE12E	BWHC - Safety Engineers	40.00	HRS	2448
			1B1D01	AK10	19500	BE05E	BWHC - Environmental Engineers	80.00	HRS	5869
			1B1D01	AK10	19500	BE11E	BWHC - Quality Control Enginee	80.00	HRS	5446
			1B1D01	AK10	19600	BP08E	BWHC - Health Physicists	120.00	HRS	7864
										21626
PO2520	101547	309 BLDG ENVIRONEMTNETAL COMPLIANCE	1B1D01	CA40	19100	BE07E	BWHC - Mechanical Engineers	80.00	HRS	5755
			1B1D01	CA40	19500	BE05E	BWHC - Environmental Engineers	80.00	HRS	5869
										11624
PO3120	101547	309 BLDG BUILDING OPERATIONS SURVEILANCE	1B1D01	EB00	19100	BE10E	BWHC - Plant Engineers	130.00	HRS	7480
			1B1D01	EB00	19100	BE07E	BWHC - Mechanical Engineers	120.00	HRS	8633
			1B1D01	CB10	61900	BR04B	BWHC - Nuclear Plant Operators	470.00	HRS	25267
										41380
PO3220	101547	309 BLDG HEALTH PHYSICS SURVEILANCE	1B1D01	CB10	19600	BP08E	BWHC - Health Physicists	200.00	HRS	13106
			1B1D01	CB10	61900	BT05B	BWHC - Health Physics Technici	400.00	HRS	21080
			1B1D01	CB10	61900	BR04B	BWHC - Nuclear Plant Operators	120.00	HRS	6451
										40637

ACT ID	CACN	ACTIVITY DESCRIPTION	CAPN	BUDGET COA	PERF ORG	RES	RES DESCRIPTION	BUDGET QUANTITY	RES UNITS	BUDGET COST
IVAN METCALF										
P04120	101547	309 BLDG CORECTIVE MAINTENANCE	1B1D01	FA20	19100	10	Material & Equipment	5.00	$	5994
			1B1D01	FA20	61900	BR04B	BWHC - Nuclear Plant Operators	198.00	HRS	10644
			1B1D01	FA20	61900	BT05B	BWHC - Health Physics Technici	120.00	HRS	6324
			1B1D01	BD00	19100	BE10E	BWHC - Plant Engineers	225.00	HRS	12947
			1B1D01	B000	19100	BE07E	BWHC - Mechanical Engineers	125.00	HRS	8993
			1B1D01	FA20	65600	CC00B	DynC - Crafts	240.00	HRS	14359
			1B1D01	CA40	19500	BE05E	BWHC - Environmental Engineers	30.00	HRS	2201
										61461
P04230	101547	309 BLDG PREVENTIVE MAINTENANCE	1B1D01	FA10	19100	44	Crane & Rigging - Labor & Equi	6.00	$	7193
			1B1D01	FA10	61900	BT05B	BWHC - Health Physics Technici	100.00	HRS	5270
			1B1D01	EA00	19100	BE04E	BWHC - Electrical Engineers	110.00	HRS	7984
			1B1D01	BD00	19100	BE10E	BWHC - Plant Engineers	225.00	HRS	12947
			1B1D01	FA10	19100	BE07E	BWHC - Mechanical Engineers	225.00	HRS	16187
			1B1D01	FA10	65400	CL07B	DynC - Light Vehicle Drivers	32.00	HRS	1542
										51122
P04330	101547	309 BLDG JOB PLANNING AND WORK CONTROL	1B1D01	FA30	19100	BE13E	BWHC - Other Engineers	208.00	HRS	14801
			1B1D01	EJ00	19100	BE04E	BWHC - Electrical Engineers	80.00	HRS	5806
			1B1D01	EJ00	19100	BE07E	BWHC - Mechanical Engineers	770.00	HRS	55394
			1B1D01	EJ00	19100	BE10E	BWHC - Plant Engineers	603.00	HRS	34697
			1B1D01	EJ00	19100	BE13E	BWHC - Other Engineers	65.00	HRS	4625
			1B1D01	EJ00	19100	BP17E	BWHC - Other Professionals	807.27	HRS	36077
										151400
										797390

ACT ID	CACN	ACTIVITY DESCRIPTION	CAPN	BUDGET COA	PERF ORG	RES	RES DESCRIPTION	BUDGET QUANTITY	RES UNITS	BUDGET COST
IVAN METCALF										
PP0040	101548	CLEANOUT/STABILIZE - TW TANK FARM	1B1D0A	GB00	19100	BE12E	BWHC - Safety Engineers	40.00	HRS	2448
			1B1D0A	GB00	19100	BE13E	BWHC - Other Engineers	100.00	HRS	7116
			1B1D0A	GB00	61900	BR05B	BWHC - Nuclear Waste Process O	124.00	HRS	6923
			1B1D0A	GB00	61900	BT05B	BWHC - Health Physics Technici	60.00	HRS	3162
			1B1D0A	GB00	19100	10	Material & Equipment	0.95	$	1139
			1B1D0A	GB00	19100	44	Crane & Rigging - Labor & Equi	4.00	$	4795
			1B1D0A	CA20	31200	WE13E	WMH - Other Engineers	100.00	HRS	7208
			1B1D0A	GB00	19100	BE07E	BWHC - Mechanical Engineers	270.00	HRS	19424
			1B1D0A	GB00	19100	BE10E	BWHC - Plant Engineers	132.00	HRS	7595
			1B1D0A	GB00	65600	CC00B	DynC - Crafts	68.00	HRS	4068
										63879
PP0050	101548	WASTE SHIPMENT - TW TANK FARM	1B1D0A	EF00	19100	BE13E	BWHC - Other Engineers	120.00	HRS	8539
			1B1D0A	EF00	61900	BR05B	BWHC - Nuclear Waste Process O	92.00	HRS	5136
			1B1D0A	EF00	61900	BT05B	BWHC - Health Physics Technici	7.00	HRS	369
			1B1D0A	EF00	19100	44	Crane & Rigging - Labor & Equi	1.99	$	2386
			1B1D0A	EF00	19100	93	Waste Management NW	2.00	$	2470
			1B1D0A	EF00	65600	CC00B	DynC - Crafts	135.00	HRS	8077
			1B1D0A	EF00	65400	CL07B	DynC - Light Vehicle Drivers	8.00	HRS	386
			1B1D0A	EF00	19100	54	Solid Waste Disposal	10.00	$	11988
										39350
PP0060	101548	CLOSEOUT - TW TANK FARM	1B1D0A	AQ31	19100	BE13E	BWHC - Other Engineers	200.00	HRS	14232
			1B1D0A	AQ31	19100	BP17E	BWHC - Other Professionals	77.00	HRS	3441
										17673
										120902

ACT ID	CACN	ACTIVITY DESCRIPTION	CAPN	BUDGET COA	PERF ORG	RES	RES DESCRIPTION	BUDGET QUANTITY	RES UNITS	BUDGET COST
IVAN METCALF										
PP0085	101549	CLEANOUT/STABILIZE - FUEL STORAGE BASIN	1B1D0B	GB00	19100	BE12E	BWHC - Safety Engineers	20.00	HRS	1224
			1B1D0B	GB00	19100	BE07E	BWHC - Mechanical Engineers	80.00	HRS	5755
			1B1D0B	GB00	61900	BR05B	BWHC - Nuclear Waste Process O	80.00	HRS	4466
			1B1D0B	GB00	61900	BT05B	BWHC - Health Physics Technici	80.00	HRS	4216
			1B1D0B	GB00	19100	10	Material & Equipment	15.00	$	17982
			1B1D0B	GB00	65600	IC07B	DyInSe - Painters	80.00	HRS	6959
			1B1D0B	GB00	19100	BE10E	BWHC - Plant Engineers	60.00	HRS	3452
			1B1D0B	GB00	65600	CC00B	DynC - Crafts	20.00	HRS	1197
										45252
PP0090	101549	WASTE SHIPMENT - FUEL STORAGE BASIN	1B1D0B	EF00	19100	BE13E	BWHC - Other Engineers	93.00	HRS	6618
			1B1D0B	EF00	61900	BR05B	BWHC - Nuclear Waste Process O	95.00	HRS	5304
			1B1D0B	EF00	61900	BT05B	BWHC - Health Physics Technici	7.00	HRS	369
										12291
PP0100	101549	CLOSEOUT TANK - FUEL STORAGE BASIN	1B1D0B	AQ31	19100	BE13E	BWHC - Other Engineers	110.00	HRS	7828
			1B1D0B	AQ31	19100	BP17E	BWHC - Other Professionals	25.00	HRS	1117
										8945
										66487

ACT ID	CACN	ACTIVITY DESCRIPTION	CAPN	BUDGET COA	PERF ORG	RES	RES DESCRIPTION	BUDGET QUANTITY	RES UNITS	BUDGET COST
IVAN METCALF										
PP0112	101550	CLEANOUT/STABILIZE - PRTR REACTOR CAVITY	1B1D0C	GB00	19100	BE12E	BWHC - Safety Engineers	40.00	HRS	2448
			1B1D0C	GB00	19100	BE07E	BWHC - Mechanical Engineers	80.00	HRS	5755
			1B1D0C	GB00	61900	BR04B	BWHC - Nuclear Plant Operators	50.00	HRS	2688
			1B1D0C	GB00	61900	BT05B	BWHC - Health Physics Technici	100.00	HRS	5270
			1B1D0C	GB00	19100	10	Material & Equipment	35.00	$	41958
			1B1D0C	GB00	19100	BE10E	BWHC - Plant Engineers	130.00	HRS	7480
			1B1D0C	GB00	65600	CC00B	DynC - Crafts	80.00	HRS	4786
										70386
PP0120	101550	WASTE SHIPMENT - PRTR REACTOR CAVITY	1B1D0C	EF00	19100	BE13E	BWHC - Other Engineers	176.00	HRS	12524
			1B1D0C	EF00	61900	BR05B	BWHC - Nuclear Waste Process O	400.00	HRS	22332
			1B1D0C	EF00	61900	BT05B	BWHC - Health Physics Technici	275.00	HRS	14493
			1B1D0C	EF00	19100	44	Crane & Rigging - Labor & Equi	6.00	$	7193
			1B1D0C	EF00	65600	CC00B	DynC - Crafts	48.00	HRS	2872
			1B1D0C	EF00	65400	CL07B	DynC - Light Vehicle Drivers	8.00	HRS	386
			1B1D0C	EF00	19100	93	Waste Management NW	2.00	$	2470
			1B1D0C	EF00	19100	54	Solid Waste Disposal	10.00	$	11988
										74256
PP0130	101550	CLOSEOUT - PRTR REACTOR CAVITY	1B1D0C	AQ31	19100	BE13E	BWHC - Other Engineers	200.00	HRS	14232
			1B1D0C	AQ31	19100	BP17E	BWHC - Other Professionals	60.00	HRS	2681
										16913
										161556

ACT ID	CACN	ACTIVITY DESCRIPTION	CAPN	BUDGET COA	PERF ORG	RES	RES DESCRIPTION	BUDGET QUANTITY	RES UNITS	BUDGET COST
IVAN METCALF										
PP0165	101552	CLEANOUT/STABILIZE FY01 - FUEL TRANSFER PIT	1B1D0E	GB00	19100	BE12E	BWHC - Safety Engineers	57.00	HRS	3489
			1B1D0E	GB00	19100	BE13E	BWHC - Other Engineers	142.00	HRS	10105
			1B1D0E	GB00	61900	BR05B	BWHC - Nuclear Waste Process O	282.00	HRS	15744
			1B1D0E	GB00	61900	BT05B	BWHC - Health Physics Technici	152.00	HRS	8010
			1B1D0E	GB00	19100	10	Material & Equipment	19.38	$	23233
			1B1D0E	GB00	19100	44	Crane & Rigging - Labor & Equi	16.53	$	19816
			1B1D0E	GB00	19100	BE07E	BWHC - Mechanical Engineers	114.00	HRS	8201
			1B1D0E	GB00	19100	BE10E	BWHC - Plant Engineers	123.00	HRS	7077
										95676
PP0170	101552	WASTE SHIPMENT - FUEL TRANSFER PIT	1B1D0E	EF00	19100	BE13E	BWHC - Other Engineers	212.00	HRS	15086
			1B1D0E	EF00	61900	BR05B	BWHC - Nuclear Waste Process O	258.00	HRS	14404
			1B1D0E	EF00	61900	BT05B	BWHC - Health Physics Technici	60.00	HRS	3162
			1B1D0E	EF00	19100	44	Crane & Rigging - Labor & Equi	29.00	$	34765
			1B1D0E	EF00	65600	CC00B	DynC - Crafts	60.00	HRS	3590
			1B1D0E	EF00	65400	CL07B	DynC - Light Vehicle Drivers	8.00	HRS	386
			1B1D0E	EF00	19100	93	Waste Management NW	2.38	$	2939
			1B1D0E	EF00	19100	54	Solid Waste Disposal	12.52	$	15009
										89340
PP0180	101552	CLOSEOUT - FUEL TRANSFER PIT	1B1D0E	AQ31	19100	BE13E	BWHC - Other Engineers	360.00	HRS	25618
			1B1D0E	AQ31	19100	BP17E	BWHC - Other Professionals	25.00	HRS	1117
										26735
										211751

ACT ID	CACN	ACTIVITY DESCRIPTION	CAPN	BUDGET COA	PERF ORG	RES	RES DESCRIPTION	BUDGET QUANTITY	RES UNITS	BUDGET COST
IVAN METCALF										
PP0190	101553	CHARACTERIZATION - BALANCE OF CONTAINMENT	1B1D0F	GB00	19100	BE12E	BWHC - Safety Engineers	80.00	HRS	4897
			1B1D0F	GB00	61900	BR05B	BWHC - Nuclear Waste Process O	37.00	HRS	2066
			1B1D0F	GB00	61900	BT05B	BWHC - Health Physics Technici	100.00	HRS	5270
			1B1D0F	GB00	19100	10	Material & Equipment	3.00	$	3596
			1B1D0F	GB00	19100	51	222S Sample Analysis	15.70	$	18821
			1B1D0F	GB00	19100	44	Crane & Rigging - Labor & Equi	3.79	$	4543
			1B1D0F	GB00	19100	93	Waste Management NW	6.00	$	7409
			1B1D0F	GB00	19100	BE07E	BWHC - Mechanical Engineers	200.00	HRS	14388
			1B1D0F	GB00	65600	CC00B	DynC - Crafts	63.00	HRS	3769
			1B1D0F	GB00	19100	BE10E	BWHC - Plant Engineers	94.00	HRS	5409
										70168
PP0200	101553	CLEANOUT/STABILIZE - BALANCE OF CONTAINMENT	1B1D0F	GB00	19100	BE12E	BWHC - Safety Engineers	40.00	HRS	2448
			1B1D0F	GB00	61900	BR04B	BWHC - Nuclear Plant Operators	80.00	HRS	4301
			1B1D0F	GB00	61900	BT05B	BWHC - Health Physics Technici	80.00	HRS	4216
			1B1D0F	GB00	19100	10	Material & Equipment	5.20	$	6234
			1B1D0F	GB00	19100	44	Crane & Rigging - Labor & Equi	5.30	$	6354
			1B1D0F	GB00	19100	BE07E	BWHC - Mechanical Engineers	140.00	HRS	10072
			1B1D0F	GB00	19100	BE10E	BWHC - Plant Engineers	100.00	HRS	5754
			1B1D0F	GB00	65600	CC00B	DynC - Crafts	96.00	HRS	5744
										45122
PP0210	101553	WASTE SHIPMENT - BALANCE OF CONTAINMENT	1B1D0F	EF00	19100	44	Crane & Rigging - Labor & Equi	3.08	$	3692
			1B1D0F	EF00	19100	BE13E	BWHC - Other Engineers	130.00	HRS	9251
			1B1D0F	EF00	61900	BR04B	BWHC - Nuclear Plant Operators	65.00	HRS	3494
			1B1D0F	EF00	61900	BT05B	BWHC - Health Physics Technici	10.00	HRS	527
										16965
PP0220	101553	CLOSEOUT - BALANCE OF CONTAINMENT	1B1D0F	AQ31	19100	BE13E	BWHC - Other Engineers	165.00	HRS	11741
			1B1D0F	AQ31	19100	BP17E	BWHC - Other Professionals	25.00	HRS	1117
										12859
										145113

ACT ID	CACN	ACTIVITY DESCRIPTION	CAPN	BUDGET COA	PERF ORG	RES	RES DESCRIPTION	BUDGET QUANTITY	RES UNITS	BUDGET COST
IVAN METCALF										
PP0229	101554	CHARACTERIZATION - HVAC STACKS AND PITS	1B1D0G	GB00	19100	BE12E	BWHC - Safety Engineers	95.00	HRS	5815
			1B1D0G	GB00	19100	BE07E	BWHC - Mechanical Engineers	271.00	HRS	19496
			1B1D0G	GB00	61900	BR05B	BWHC - Nuclear Waste Process O	56.00	HRS	3126
			1B1D0G	GB00	61900	BT05B	BWHC - Health Physics Technici	163.00	HRS	8590
			1B1D0G	GB00	19100	10	Material & Equipment	1.08	$	1295
			1B1D0G	GB00	19100	51	222S Sample Analysis	12.96	$	15536
			1B1D0G	GB00	19100	44	Crane & Rigging - Labor & Equi	2.00	$	2398
			1B1D0G	GB00	19100	93	Waste Management NW	8.50	$	10495
			1B1D0G	GB00	19100	BE10E	BWHC - Plant Engineers	200.00	HRS	11508
			1B1D0G	GB00	65600	CC00B	DynC - Crafts	57.00	HRS	3410
										81670
										81670

ADVANCED REACTORS TRANSITION (FY01)
START DATE 01OCT98
FIN DATE 30SEP04
DATA DATE 01OCT98
RESOURCE ALLOCATION REPORT FOR CAMs
FACILITY DOCUMENT UPDATES

PRIMAVERA PROJECT PLANNER
REPORT DATE 04OCT99
RUN NO. 2912:00

ACT ID	CACN	ACTIVITY DESCRIPTION	CAPN	BUDGET COA	PERF ORG	RES	RES DESCRIPTION	BUDGET QUANTITY	RES UNITS	BUDGET COST
IVAN METCALF										
PP0340	101555	Facility Transistion File Input	1B1D0H	AQ31	19100	BE07E	BWHC - Mechanical Engineers	80.00	HRS	5755
			1B1D0H	AQ31	19100	BP17E	BWHC - Other Professionals	163.00	HRS	7284
										13040
PP0380	101555	Facility Drawing Updates	1B1D0H	GB00	19100	BE07E	BWHC - Mechanical Engineers	340.00	HRS	24460
			1B1D0H	GB00	19100	94	FD Northwest	11.48	$	14450
										38910
										51950

ACT ID	CACN	ACTIVITY DESCRIPTION	CAPN	BUDGET COA	PERF ORG	RES	RES DESCRIPTION	BUDGET QUANTITY	RES UNITS	BUDGET COST
IVAN METCALF										
PP0420	101556	Interior Cleanout - FY01	1B1D0J	HH00	19100	BE07E	BWHC - Mechanical Engineers	310.00	HRS	22301
			1B1D0J	HH00	19100	BT03N	BWHC - Engineering Technicians	464.00	HRS	18695
										40996
PP0470	101556	ROOF REPAIR	1B1D0J	GH70	19100	BE13E	BWHC - Other Engineers	37.80	HRS	2690
			1B1D0J	GH70	19100	94	FD Northwest	142.38	$	179219
										181909
										222905

ADVANCED REACTORS TRANSITION (FY01)
START DATE 01OCT98
FIN DATE 30SEP04
DATA DATE 01OCT98
RESOURCE ALLOCATION REPORT FOR CAMs
337 B CRANE REPAIR

PRIMAVERA PROJECT PLANNER
REPORT DATE 04OCT99
RUN NO. 2912:00

ACT ID	CACN	ACTIVITY DESCRIPTION	CAPN	BUDGET COA	PERF ORG	RES	RES DESCRIPTION	BUDGET QUANTITY	RES UNITS	BUDGET COST
BILL BREHM										
LE0410	110009	337 B CRANE REPAIR	1B1C26	GB00	18200	BE10E	BWHC - Plant Engineers	362.00	HRS	20829
			1B1C26	GB00	18200	21	PO Contracts	81.98	$	98278
			1B1C26	GB00	18200	BC00B	BWHC - Crafts	773.00	HRS	41603
										160710
										160710
										3637512

ADVANCED REACTORS TRANSITION (FY02)
START DATE 01OCT98
FIN DATE 30SEP04
DATA DATE 01OCT98
RESOURCE ALLOCATION REPORT FOR CAMs
NE LEGACY OCCUPANCY

PRIMAVERA PROJECT PLANNER
REPORT DATE 04OCT99
RUN NO. 2912:05

ACT ID	CACN	ACTIVITY DESCRIPTION	CAPN	BUDGET COA	PERF ORG	RES	RES DESCRIPTION	BUDGET QUANTITY	RES UNITS	BUDGET COST
BILL BREHM										
LO0100	101541	FY2002 LEGACY OCCUPANCY	1B1C11	EB00	18200	BE07E	BWHC - Mechanical Engineers	960.00	HRS	69062
			1B1C11	EB00	65600	IC12B	DyInSe - Other Crafts	1326.00	HRS	116065
			1B1C11	EB00	52900	IE10E	DyInSe - Plant Engineers	477.00	HRS	46655
			1B1C11	EB00	18200	10	Material & Equipment	10.00	$	11988
			1B1C11	EB00	18200	5E	BPA Redistribution	60.00	$	71928
			1B1C11	AA40	18200	71M	PHMC Fee	120.00	$	120000
			1B1C11	EB00	18200	BE10E	BWHC - Plant Engineers	910.00	HRS	52361
			1B1C11	EB00	65800	CR07B	DynC - Utilities System Operat	436.00	HRS	25009
										513069
										513069

ACT ID	CACN	ACTIVITY DESCRIPTION	CAPN	BUDGET COA	PERF ORG	RES	RES DESCRIPTION	BUDGET QUANTITY	RES UNITS	BUDGET COST
BILL BREHM										
LE0040	101542	REMOVE & SHIP 337 CONTROLS & PIPING FY02	1B1C21	GB00	18200	BE07E	BWHC - Mechanical Engineers	1910.00	HRS	137405
			1B1C21	GB00	18200	10	Material & Equipment	4.10	$	4915
			1B1C21	GB00	18200	93	Waste Management NW	23.89	$	29498
			1B1C21	GB00	18200	94	FD Northwest	364.64	$	450907
			1B1C21	GB00	18200	98	Cogema	228.57	$	282229
			1B1C21	GB00	18200	BE10E	BWHC - Plant Engineers	136.00	HRS	7825
			1B1C21	GB00	18200	28	Misc. Adjustments	16.89	$	20248
										941108
										941108

ADVANCED REACTORS TRANSITION (FY02) — PRIMAVERA PROJECT PLANNER
START DATE 01OCT98 — REPORT DATE 04OCT99
FIN DATE 30SEP04 — RUN NO. 2912:05
DATA DATE 01OCT98
RESOURCE ALLOCATION REPORT FOR CAMs — PAGE NO. 3
COMPLETE OPTIONS FOR NON RAD

ACT ID	CACN	ACTIVITY DESCRIPTION	CAPN	BUDGET COA	PERF ORG	RES	RES DESCRIPTION	BUDGET QUANTITY	RES UNITS	BUDGET COST
BILL BREHM										
LE0100	101544	Drain/Clean CRCTA Vessel FY02	1B1C23	GB00	18200	BE07E	BWHC - Mechanical Engineers	220.00	HRS	15827
			1B1C23	GB00	18200	21	PO Contracts	109.64	$	131436
			1B1C23	GB00	18200	94	FD Northwest	5.00	$	6294
			1B1C23	GB00	18200	10	Material & Equipment	6.23	$	7469
										161025
										161025

ADVANCED REACTORS TRANSITION (FY02)
START DATE 01OCT98
FIN DATE 30SEP04
DATA DATE 01OCT98
RESOURCE ALLOCATION REPORT FOR CAMs
CLEAN 3718-M STORAGE TANK

PRIMAVERA PROJECT PLANNER
REPORT DATE 04OCT99
RUN NO. 2912:05

ACT ID	CACN	ACTIVITY DESCRIPTION	CAPN	BUDGET COA	PERF ORG	RES	RES DESCRIPTION	BUDGET QUANTITY	RES UNITS	BUDGET COST
BILL BREHM										
LE0130	101545	CLEAN 3718-M STORAGE TANK FY02	1B1C24	GB00	18200	BE07E	BWHC - Mechanical Engineers	122.00	HRS	8777
			1B1C24	GB00	18200	94	FD Northwest	0.85	$	1070
			1B1C24	GB00	18200	98	Cogema	21.52	$	26572
										36419
										36419

ADVANCED REACTORS TRANSITION (FY02)
START DATE 01OCT98
FIN DATE 30SEP04
DATA DATE 01OCT98
RESOURCE ALLOCATION REPORT FOR CAMs
NE LEGACY SUPPORT

PRIMAVERA PROJECT PLANNER
REPORT DATE 04OCT99
RUN NO. 2912:05

ACT ID	CACN	ACTIVITY DESCRIPTION	CAPN	BUDGET COA	PERF ORG	RES	RES DESCRIPTION	BUDGET QUANTITY	RES UNITS	BUDGET COST
BILL BREHM										
LE0180	101546	FY 2002 NE LEGACIES NA DISPOSITION PRJ. SUPP.	1B1C25	AQ31	18200	BE07E	BWHC - Mechanical Engineers	1800.00	HRS	129492
			1B1C25	AQ31	18200	BE12E	BWHC - Safety Engineers	20.00	HRS	1224
			1B1C25	AQ31	18800	BP09E	BWHC - Industrial Hygienists	20.00	HRS	1275
			1B1C25	AQ31	18700	BP15E	BWHC - Trainers & Instructors	40.00	HRS	2290
			1B1C25	AQ31	4H700	HE05E	FDH - Environmental Engineers	20.00	HRS	1199
			1B1C25	AQ31	18200	94	FD Northwest	9.58	$	12059
										147539
										147539

ACT ID	CACN	ACTIVITY DESCRIPTION	CAPN	BUDGET COA	PERF ORG	RES	RES DESCRIPTION	BUDGET QUANTITY	RES UNITS	BUDGET COST
IVAN METCALF										
PO1160	101547	309 BLDG MANAGEMENT AND SUPPORT FY02	1B1D01	A010	19100	BG04N	BWHC - Secretaries	230.00	HRS	6994
			1B1D01	AA30	19800	BM02E	BWHC - Managers & Executives	350.00	HRS	30006
										37000
PO1162	101547	309 BLDG MANAGEMENT AND SUPPORT FY02	1B1D01	AA30	19600	BM02E	BWHC - Managers & Executives	324.00	HRS	27777
			1B1D01	A010	19600	BG02N	BWHC - Office Clerks (General)	100.00	HRS	2767
										30544
PO1164	101547	309 BLDG MANAGEMENT AND SUPPORT FY02	1B1D01	AH10	19800	BM02E	BWHC - Managers & Executives	40.00	HRS	3429
			1B1D01	AA30	19500	BM02E	BWHC - Managers & Executives	100.00	HRS	8573
			1B1D01	A010	19500	BG02N	BWHC - Office Clerks (General)	100.00	HRS	2767
										14769
PO1230	101547	309 BLDG TRAINING	1B1D01	AH50	19100	41	Training Services	5.00	$	5994
			1B1D01	AH50	19100	BE07E	BWHC - Mechanical Engineers	80.00	HRS	5755
			1B1D01	AH50	19100	BE10E	BWHC - Plant Engineers	80.00	HRS	4603
			1B1D01	AH50	19600	BP08E	BWHC - Health Physicists	40.00	HRS	2621
			1B1D01	AH50	61900	BT05B	BWHC - Health Physics Technici	60.00	HRS	3162
			1B1D01	AH50	61900	BR04B	BWHC - Nuclear Plant Operators	60.00	HRS	3226
			1B1D01	AH20	19800	BP15E	BWHC - Trainers & Instructors	50.00	HRS	2863
										28224
PO1330	101547	309 BLDG BASELINE CONTROL/PBS/MYPP	1B1D01	AQ00	19100	BE07E	BWHC - Mechanical Engineers	160.00	HRS	11510
			1B1D01	AQ00	19100	BP01E	BWHC - Accountants & Auditors	720.00	HRS	39902
										51413
PO1430	101547	309 BLDG UTILITIES AND ASSESSEMENTS	1B1D01	A020	19100	5E	BPA Redistribution	8.40	$	10070
			1B1D01	FE00	19100	93	Waste Management NW	5.60	$	6915
			1B1D01	A020	19100	10	Material & Equipment	11.96	$	14338
			1B1D01	A020	19100	4V	Fleet	3.00	$	3596
			1B1D01	AA40	19100	71M	PHMC Fee	120.00	$	120000
			1B1D01	BC40	19100	94	FD Northwest	19.50	$	24545
			1B1D01	CB10	19100	3D	Other Hanford Contractors	7.20	$	8631
			1B1D01	FF10	19100	23	Misc. Purchased Services (Taxe	7.90	$	9471
			1B1D01	EA00	19100	23	Misc. Purchased Services (Taxe	8.25	$	9890
			1B1D01	A020	65F00	23	Misc. Purchased Services (Taxe	16.25	$	19481

ACT ID	CACN	ACTIVITY DESCRIPTION	CAPN	BUDGET COA	PERF ORG	RES	RES DESCRIPTION	BUDGET QUANTITY	RES UNITS	BUDGET COST
IVAN METCALF										
										226937
PO2230	101547	309 BLDG PROCEDURE PREPERATION AND MAINT	1B1D01	AJ70	19100	97	Lockheed Martin Services, Inc.	2.00	$	2494
			1B1D01	BC10	19100	BE10E	BWHC ~ Plant Engineers	50.00	HRS	2877
			1B1D01	BC10	19100	BE07E	BWHC ~ Mechanical Engineers	100.00	HRS	7194
										12565
PO2330	101547	309 BLDG INDEPENDENT OVERSITE	1B1D01	AL20	19500	BE11E	BWHC ~ Quality Control Enginee	40.00	HRS	2723
			1B1D01	CB70	19500	BE12E	BWHC ~ Safety Engineers	140.00	HRS	8569
			1B1D01	CB20	19500	BP09E	BWHC ~ Industrial Hygienists	40.00	HRS	2550
			1B1D01	CB30	19500	BE13E	BWHC ~ Other Engineers	40.00	HRS	2846
										16689
PO2430	101547	309 BLDG MANAGEMENT ASSESSMENTS	1B1D01	AK10	19500	BE12E	BWHC ~ Safety Engineers	40.00	HRS	2448
			1B1D01	AK10	19500	BE05E	BWHC ~ Environmental Engineers	80.00	HRS	5869
			1B1D01	AK10	19500	BE11E	BWHC ~ Quality Control Enginee	80.00	HRS	5446
			1B1D01	AK10	19600	BP08E	BWHC ~ Health Physicists	120.00	HRS	7864
										21626
PO2530	101547	309 BLDG ENVIRONEMTNETAL COMPLIANCE	1B1D01	CA40	19100	BE07E	BWHC ~ Mechanical Engineers	80.00	HRS	5755
			1B1D01	CA40	19500	BE05E	BWHC ~ Environmental Engineers	80.00	HRS	5869
										11624
PO3130	101547	309 BLDG BUILDING OPERATIONS SURVEILANCE	1B1D01	EB00	19100	BE10E	BWHC ~ Plant Engineers	130.00	HRS	7480
			1B1D01	EB00	19100	BE07E	BWHC ~ Mechanical Engineers	120.00	HRS	8633
			1B1D01	CB10	61900	BR04B	BWHC ~ Nuclear Plant Operators	470.00	HRS	25267
										41380
PO3230	101547	309 BLDG HEALTH PHYSICS SURVEILANCE	1B1D01	CB10	19600	BP08E	BWHC ~ Health Physicists	200.00	HRS	13106
			1B1D01	CB10	61900	BT05B	BWHC ~ Health Physics Technici	400.00	HRS	21080
			1B1D01	CB10	61900	BR04B	BWHC ~ Nuclear Plant Operators	120.00	HRS	6451
										40637

ACT ID	CACN	ACTIVITY DESCRIPTION	CAPN	BUDGET COA	PERF ORG	RES	RES DESCRIPTION	BUDGET QUANTITY	RES UNITS	BUDGET COST
IVAN METCALF										
PO4130	101547	309 BLDG CORECTIVE MAINTENANCE	1B1D01	FA20	19100	10	Material & Equipment	5.00	$	5994
			1B1D01	FA20	61900	BR04B	BWHC - Nuclear Plant Operators	198.00	HRS	10644
			1B1D01	FA20	61900	BT05B	BWHC - Health Physics Technici	120.00	HRS	6324
			1B1D01	BD00	19100	BE10E	BWHC - Plant Engineers	225.00	HRS	12947
			1B1D01	B000	19100	BE07E	BWHC - Mechanical Engineers	125.00	HRS	8993
			1B1D01	FA20	65600	CC00B	DynC - Crafts	240.00	HRS	14359
			1B1D01	CA40	19500	BE05E	BWHC - Environmental Engineers	30.00	HRS	2201
										61461
PO4240	101547	309 BLDG PREVENTIVE MAINTENANCE	1B1D01	FA10	19100	44	Crane & Rigging - Labor & Equi	6.00	$	7193
			1B1D01	FA10	61900	BT05B	BWHC - Health Physics Technici	100.00	HRS	5270
			1B1D01	EA00	19100	BE04E	BWHC - Electrical Engineers	110.00	HRS	7984
			1B1D01	BD00	19100	BE10E	BWHC - Plant Engineers	225.00	HRS	12947
			1B1D01	FA10	19100	BE07E	BWHC - Mechanical Engineers	225.00	HRS	16187
			1B1D01	FA10	65400	CL07B	DynC - Light Vehicle Drivers	32.00	HRS	1542
										51122
PO4340	101547	309 BLDG JOB PLANNING AND WORK CONTROL	1B1D01	FA30	19100	BE13E	BWHC - Other Engineers	208.00	HRS	14801
			1B1D01	EJ00	19100	BE04E	BWHC - Electrical Engineers	80.00	HRS	5806
			1B1D01	EJ00	19100	BE07E	BWHC - Mechanical Engineers	770.00	HRS	55394
			1B1D01	EJ00	19100	BE10E	BWHC - Plant Engineers	603.00	HRS	34697
			1B1D01	EJ00	19100	BE13E	BWHC - Other Engineers	65.00	HRS	4625
			1B1D01	EJ00	19100	BP17E	BWHC - Other Professionals	807.27	HRS	36077
										151400
										797390

ACT ID	CACN	ACTIVITY DESCRIPTION	CAPN	BUDGET COA	PERF ORG	RES	RES DESCRIPTION	BUDGET QUANTITY	RES UNITS	BUDGET COST
IVAN METCALF										
PP0230	101554	CHARACTERIZATION - HVAC STACKS AND PITS	1B1D0G	GB00	61900	BR05B	BWHC - Nuclear Waste Process O	72.00	HRS	4020
			1B1D0G	GB00	61900	BT05B	BWHC - Health Physics Technici	214.00	HRS	11278
			1B1D0G	GB00	19100	10	Material & Equipment	1.42	$	1702
			1B1D0G	GB00	19100	51	222S Sample Analysis	17.04	$	20428
			1B1D0G	GB00	19100	44	Crane & Rigging - Labor & Equi	8.52	$	10214
			1B1D0G	GB00	19100	93	Waste Management NW	11.22	$	13854
			1B1D0G	GB00	19100	BE12E	BWHC - Safety Engineers	125.00	HRS	7651
			1B1D0G	GB00	19100	BE07E	BWHC - Mechanical Engineers	300.00	HRS	21502
			1B1D0G	GB00	65600	CC00B	DynC - Crafts	45.00	HRS	2692
										93421
PP0240	101554	CLEANOUT/STABILIZE - HVAC STACKS AND PITS	1B1D0G	GB00	19100	BE12E	BWHC - Safety Engineers	375.00	HRS	22954
			1B1D0G	GB00	19100	BE13E	BWHC - Other Engineers	400.00	HRS	28464
			1B1D0G	GB00	61900	BR05B	BWHC - Nuclear Waste Process O	615.00	HRS	34335
			1B1D0G	GB00	61900	BT05B	BWHC - Health Physics Technici	315.00	HRS	16601
			1B1D0G	GB00	19100	10	Material & Equipment	21.30	$	25534
			1B1D0G	GB00	19100	44	Crane & Rigging - Labor & Equi	19.14	$	22945
			1B1D0G	GB00	19100	BE10E	BWHC - Plant Engineers	200.00	HRS	11508
			1B1D0G	GB00	65600	CC00B	DynC - Crafts	205.00	HRS	12265
										174606
PP0250	101554	Formaly Shutdown Stack - HVAC STACKS AND PITS	1B1D0G	AQ31	19100	BE13E	BWHC - Other Engineers	75.00	HRS	5337
			1B1D0G	AQ31	31200	WE13E	WMH - Other Engineers	115.00	HRS	8289
										13626
PP0260	101554	WASTE SHIPMENT - HVAC STACKS AND PITS	1B1D0G	EF00	19100	BE13E	BWHC - Other Engineers	400.00	HRS	28464
			1B1D0G	EF00	61900	BR05B	BWHC - Nuclear Waste Process O	270.00	HRS	15074
			1B1D0G	EF00	61900	BT05B	BWHC - Health Physics Technici	100.00	HRS	5270
			1B1D0G	EF00	19100	44	Crane & Rigging - Labor & Equi	10.71	$	12839
			1B1D0G	EF00	65600	CC00B	DynC - Crafts	50.00	HRS	2992
			1B1D0G	EF00	65400	CL07B	DynC - Light Vehicle Drivers	16.00	HRS	771
			1B1D0G	EF00	19100	93	Waste Management NW	1.00	$	1235
			1B1D0G	EF00	19100	54	Solid Waste Disposal	8.00	$	9590
										76235
PP0270	101554	CLOSEOUT - HVAC STACKS AND PITS	1B1D0G	AQ31	19100	BE13E	BWHC - Other Engineers	360.00	HRS	25618
			1B1D0G	AQ31	19100	BP17E	BWHC - Other Professionals	65.00	HRS	2905

ACT ID	CACN	ACTIVITY DESCRIPTION	CAPN	BUDGET COA	PERF ORG	RES	RES DESCRIPTION	BUDGET QUANTITY	RES UNITS	BUDGET COST
IVAN METCALF										
										28522
										386411

ACT ID	CACN	ACTIVITY DESCRIPTION	CAPN	BUDGET COA	PERF ORG	RES	RES DESCRIPTION	BUDGET QUANTITY	RES UNITS	BUDGET COST
IVAN METCALF										
PP0280	101555	PREPARE S&M PLAN	1B1D0H	AQ31	19100	BE13E	BWHC - Other Engineers	250.00	HRS	17790
										17790
PP0300	101555	Final Safety Basis Review	1B1D0H	AQ31	19100	BE07E	BWHC - Mechanical Engineers	991.00	HRS	71293
			1B1D0H	AQ31	19100	BE13E	BWHC - Other Engineers	148.00	HRS	10532
			1B1D0H	AQ31	19100	BM02E	BWHC - Managers & Executives	148.00	HRS	12688
			1B1D0H	AQ31	19100	10	Material & Equipment	2.98	$	3572
										98085
PP0342	101555	Facility Transistion File Input	1B1D0H	AQ31	19100	BE07E	BWHC - Mechanical Engineers	80.00	HRS	5755
			1B1D0H	AQ31	19100	BP17E	BWHC - Other Professionals	170.00	HRS	7597
										13353
PP0382	101555	Facility Drawing Updates	1B1D0H	GB00	19100	BE07E	BWHC - Mechanical Engineers	380.00	HRS	27337
			1B1D0H	GB00	19100	94	FD Northwest	23.00	$	28951
										56288
PP0384	101555	Facility Drawing Updates	1B1D0H	GB00	19100	BE07E	BWHC - Mechanical Engineers	500.00	HRS	35970
			1B1D0H	GB00	19100	94	FD Northwest	31.00	$	39021
										74991
										260506

ACT ID	CACN	ACTIVITY DESCRIPTION	CAPN	BUDGET COA	PERF ORG	RES	RES DESCRIPTION	BUDGET QUANTITY	RES UNITS	BUDGET COST
IVAN METCALF										
PP0422	101556	Interior Cleanout - FY02	1B1D0J	HH00	19100	BE07E	BWHC - Mechanical Engineers	680.00	HRS	48919
			1B1D0J	HH00	19100	BT03N	BWHC - Engineering Technicians	2243.00	HRS	90370
										139290
PP0460	101556	Electrical Deactivation - FY02	1B1D0J	GB00	19100	BE07E	BWHC - Mechanical Engineers	340.00	HRS	24460
			1B1D0J	GB00	65600	IC02B	DyInSe - Electricians	360.00	HRS	33635
										58094
PP0475	101556	ROOF REPAIR	1B1D0J	GH70	19100	BE13E	BWHC - Other Engineers	43.20	HRS	3074
			1B1D0J	GH70	19100	94	FD Northwest	205.62	$	258822
										261896
PP0480	101556	Secure Facility	1B1D0J	GH50	19100	BE13E	BWHC - Other Engineers	80.00	HRS	5693
			1B1D0J	GH50	65600	IC09B	DyInSe - Structural & Metal Wo	80.00	HRS	6999
			1B1D0J	GH50	19100	10	Material & Equipment	24.00	$	28771
										41463
PP0490	101556	Seal Facility Exterior	1B1D0J	GH50	19100	BE13E	BWHC - Other Engineers	320.00	HRS	22771
			1B1D0J	GH50	65600	IC07B	DyInSe - Painters	640.00	HRS	55674
										78445
										579188
										3822655

ADVANCED REACTORS TRANSITION (FY03)
START DATE 01OCT98
FIN DATE 30SEP04
DATA DATE 01OCT98
RESOURCE ALLOCATION REPORT FOR CAMs
NE LEGACY OCCUPANCY

PRIMAVERA PROJECT PLANNER
REPORT DATE 04OCT99
RUN NO. 2912:08

ACT ID	CACN	ACTIVITY DESCRIPTION	CAPN	BUDGET COA	PERF ORG	RES	RES DESCRIPTION	BUDGET QUANTITY	RES UNITS	BUDGET COST
BILL BREHM										
LO0120	101541	FY2003 LEGACY OCCUPANCY	1B1C11	EB00	18200	BE07E	BWHC - Mechanical Engineers	960.00	HRS	69062
			1B1C11	EB00	65600	IC12B	DyInSe - Other Crafts	1326.00	HRS	116065
			1B1C11	EB00	52900	IE10E	DyInSe - Plant Engineers	477.00	HRS	46655
			1B1C11	EB00	18200	10	Material & Equipment	10.00	$	11988
			1B1C11	EB00	18200	5E	BPA Redistribution	60.00	$	71928
			1B1C11	AA40	18200	71M	PHMC Fee	85.00	$	85000
			1B1C11	EB00	18200	BE10E	BWHC - Plant Engineers	910.00	HRS	52361
			1B1C11	EB00	65800	CR07B	DynC - Utilities System Operat	436.00	HRS	25009
										478069
										478069

ACT ID	CACN	ACTIVITY DESCRIPTION	CAPN	BUDGET COA	PERF ORG	RES	RES DESCRIPTION	BUDGET QUANTITY	RES UNITS	BUDGET COST
BILL BREHM										
LE0050	101542	REMOVE & SHIP 337 CONTROLS & PIPING FY03	1B1C21	GB00	18200	BE07E	BWHC - Mechanical Engineers	956.00	HRS	68775
			1B1C21	GB00	18200	10	Material & Equipment	0.26	$	312
			1B1C21	GB00	18200	93	Waste Management NW	13.15	$	16237
			1B1C21	GB00	18200	94	FD Northwest	237.48	$	298926
			1B1C21	GB00	18200	98	Cogema	5.29	$	6532
			1B1C21	GB00	18200	BE10E	BWHC - Plant Engineers	69.00	HRS	3970
			1B1C21	GB00	18200	28	Misc. Adjustments	8.94	$	10717
										405468
										405468

ACT ID	CACN	ACTIVITY DESCRIPTION	CAPN	BUDGET COA	PERF ORG	RES	RES DESCRIPTION	BUDGET QUANTITY	RES UNITS	BUDGET COST
BILL BREHM										
LE0140	101545	CLEAN 3718-M STORAGE TANK FY03	1B1C24	GB00	18200	BE07E	BWHC - Mechanical Engineers	150.00	HRS	10791
			1B1C24	GB00	18200	94	FD Northwest	1.17	$	1473
			1B1C24	GB00	18200	98	Cogema	24.82	$	30647
										42910
										42910

ADVANCED REACTORS TRANSITION (FY03) — PRIMAVERA PROJECT PLANNER
START DATE 01OCT98 — REPORT DATE 04OCT99
FIN DATE 30SEP04 — RUN NO. 2912:08
DATA DATE 01OCT98
RESOURCE ALLOCATION REPORT FOR CAMs — PAGE NO. 4
NE LEGACY SUPPORT

ACT ID	CACN	ACTIVITY DESCRIPTION	CAPN	BUDGET COA	PERF ORG	RES	RES DESCRIPTION	BUDGET QUANTITY	RES UNITS	BUDGET COST
BILL BREHM										
LE0190	101546	FY 2003 NE LEGACIES NA DISPOSITION PRJ. SUPP.	1B1C25	AQ31	18200	BE07E	BWHC - Mechanical Engineers	1800.00	HRS	129492
			1B1C25	AQ31	18200	BE12E	BWHC - Safety Engineers	20.00	HRS	1224
			1B1C25	AQ31	18800	BP09E	BWHC - Industrial Hygienists	20.00	HRS	1275
			1B1C25	AQ31	18700	BP15E	BWHC - Trainers & Instructors	40.00	HRS	2290
			1B1C25	AQ31	4H700	HR05E	FDH - Environmental Engineers	20.00	HRS	1199
			1B1C25	AQ31	18200	94	FD Northwest	9.58	$	12059
										147539
										147539

ACT ID	CACN	ACTIVITY DESCRIPTION	CAPN	BUDGET COA	PERF ORG	RES	RES DESCRIPTION	BUDGET QUANTITY	RES UNITS	BUDGET COST
IVAN METCALF										
PO1170	101547	309 BLDG MANAGEMENT AND SUPPORT FY03	1B1D01	A010	19100	BG04N	BWHC - Secretaries	230.00	HRS	6994
			1B1D01	AA30	19800	BM02E	BWHC - Managers & Executives	350.00	HRS	30006
										37000
PO1172	101547	309 BLDG MANAGEMENT AND SUPPORT FY03	1B1D01	AA30	19600	BM02E	BWHC - Managers & Executives	324.00	HRS	27777
			1B1D01	A010	19600	BG02N	BWHC - Office Clerks (General)	100.00	HRS	2767
										30544
PO1174	101547	309 BLDG MANAGEMENT AND SUPPORT FY03	1B1D01	AH10	19800	BM02E	BWHC - Managers & Executives	40.00	HRS	3429
			1B1D01	AA30	19500	BM02E	BWHC - Managers & Executives	100.00	HRS	8573
			1B1D01	A010	19500	BG02N	BWHC - Office Clerks (General)	0.00	HRS	0
										12002
PO1240	101547	309 BLDG TRAINING	1B1D01	AH50	19100	41	Training Services	5.00	$	5994
			1B1D01	AH50	19100	BE07E	BWHC - Mechanical Engineers	80.00	HRS	5755
			1B1D01	AH50	19100	BE10E	BWHC - Plant Engineers	80.00	HRS	4603
			1B1D01	AH50	19600	BP08E	BWHC - Health Physicists	40.00	HRS	2621
			1B1D01	AH50	61900	BT05B	BWHC - Health Physics Technici	60.00	HRS	3162
			1B1D01	AH50	61900	BR04B	BWHC - Nuclear Plant Operators	60.00	HRS	3226
			1B1D01	AH20	19800	BP15E	BWHC - Trainers & Instructors	50.00	HRS	2863
										28224
PO1340	101547	309 BLDG BASELINE CONTROL/PBS/MYPP	1B1D01	AQ00	19100	BE07E	BWHC - Mechanical Engineers	160.00	HRS	11510
			1B1D01	AQ00	19100	BP01E	BWHC - Accountants & Auditors	720.00	HRS	39902
										51413
PO1440	101547	309 BLDG UTILITIES AND ASSESSEMENTS	1B1D01	A020	19100	5E	BPA Redistribution	8.40	$	10070
			1B1D01	FE00	19100	93	Waste Management NW	3.00	$	3704
			1B1D01	A020	19100	10	Material & Equipment	11.96	$	14338
			1B1D01	A020	19100	4V	Fleet	3.00	$	3596
			1B1D01	AA40	19100	71M	PHMC Fee	95.00	$	95000
			1B1D01	BC40	19100	94	FD Northwest	19.50	$	24545
			1B1D01	CB10	19100	3D	Other Hanford Contractors	7.20	$	8631
			1B1D01	FF10	19100	23	Misc. Purchased Services (Taxe	7.90	$	9471
			1B1D01	EA00	19100	23	Misc. Purchased Services (Taxe	8.25	$	9890
			1B1D01	A020	65F00	23	Misc. Purchased Services (Taxe	16.25	$	19481

ACT ID	CACN	ACTIVITY DESCRIPTION	CAPN	BUDGET COA	PERF ORG	RES	RES DESCRIPTION	BUDGET QUANTITY	RES UNITS	BUDGET COST
IVAN METCALF										
										198726
PO2240	101547	309 BLDG PROCEDURE PREPERATION AND MAINT	1B1D01	AJ70	19100	97	Lockheed Martin Services, Inc.	2.00	$	2494
			1B1D01	BC10	19100	BE10E	BWHC - Plant Engineers	50.00	HRS	2877
			1B1D01	BC10	19100	BE07E	BWHC - Mechanical Engineers	100.00	HRS	7194
										12565
PO2340	101547	309 BLDG INDEPENDENT OVERSITE	1B1D01	AL20	19500	BE11E	BWHC - Quality Control Enginee	40.00	HRS	2723
			1B1D01	CB70	19500	BE12E	BWHC - Safety Engineers	140.00	HRS	8569
			1B1D01	CB20	19500	BP09E	BWHC - Industrial Hygienists	40.00	HRS	2550
			1B1D01	CB30	19500	BE13E	BWHC - Other Engineers	40.00	HRS	2846
										16689
PO2440	101547	309 BLDG MANAGEMENT ASSESSMENTS	1B1D01	AK10	19500	BE12E	BWHC - Safety Engineers	40.00	HRS	2448
			1B1D01	AK10	19500	BE05E	BWHC - Environmental Engineers	80.00	HRS	5869
			1B1D01	AK10	19500	BE11E	BWHC - Quality Control Enginee	80.00	HRS	5446
			1B1D01	AK10	19600	BP08E	BWHC - Health Physicists	120.00	HRS	7864
										21626
PO2540	101547	309 BLDG ENVIRONEMTNETAL COMPLIANCE	1B1D01	CA40	19100	BE07E	BWHC - Mechanical Engineers	80.00	HRS	5755
			1B1D01	CA40	19500	BE05E	BWHC - Environmental Engineers	80.00	HRS	5869
										11624
PO3140	101547	309 BLDG BUILDING OPERATIONS SURVEILANCE	1B1D01	EB00	19100	BE10E	BWHC - Plant Engineers	130.00	HRS	7480
			1B1D01	EB00	19100	BE07E	BWHC - Mechanical Engineers	120.00	HRS	8633
			1B1D01	CB10	61900	BR04B	BWHC - Nuclear Plant Operators	470.00	HRS	25267
										41380
PO3240	101547	309 BLDG HEALTH PHYSICS SURVEILANCE	1B1D01	CB10	19600	BP08E	BWHC - Health Physicists	200.00	HRS	13106
			1B1D01	CB10	61900	BT05B	BWHC - Health Physics Technici	400.00	HRS	21080
			1B1D01	CB10	61900	BR04B	BWHC - Nuclear Plant Operators	120.00	HRS	6451
										40637

ACT ID	CACN	ACTIVITY DESCRIPTION	CAPN	BUDGET COA	PERF ORG	RES	RES DESCRIPTION	BUDGET QUANTITY	RES UNITS	BUDGET COST
IVAN METCALF										
PO4140	101547	309 BLDG CORECTIVE MAINTENANCE	1B1D01	FA20	19100	10	Material & Equipment	5.00	$	5994
			1B1D01	FA20	61900	BR04B	BWHC - Nuclear Plant Operators	198.00	HRS	10644
			1B1D01	FA20	61900	BT05B	BWHC - Health Physics Technici	120.00	HRS	6324
			1B1D01	BD00	19100	BE10E	BWHC - Plant Engineers	225.00	HRS	12947
			1B1D01	B000	19100	BE07E	BWHC - Mechanical Engineers	125.00	HRS	8993
			1B1D01	FA20	65600	CC00B	DynC - Crafts	240.00	HRS	14359
			1B1D01	CA40	19500	BE05E	BWHC - Environmental Engineers	30.00	HRS	2201
										61461
PO4250	101547	309 BLDG PREVENTIVE MAINTENANCE	1B1D01	FA10	19100	44	Crane & Rigging - Labor & Equi	6.00	$	7193
			1B1D01	FA10	61900	BT05B	BWHC - Health Physics Technici	100.00	HRS	5270
			1B1D01	EA00	19100	BE04E	BWHC - Electrical Engineers	110.00	HRS	7984
			1B1D01	BD00	19100	BE10E	BWHC - Plant Engineers	225.00	HRS	12947
			1B1D01	FA10	19100	BE07E	BWHC - Mechanical Engineers	225.00	HRS	16187
			1B1D01	FA10	65400	CL07B	DynC - Light Vehicle Drivers	32.00	HRS	1542
										51122
PO4350	101547	309 BLDG JOB PLANNING AND WORK CONTROL	1B1D01	FA30	19100	BE13E	BWHC - Other Engineers	208.00	HRS	14801
			1B1D01	EJ00	19100	BE04E	BWHC - Electrical Engineers	80.00	HRS	5806
			1B1D01	EJ00	19100	BE07E	BWHC - Mechanical Engineers	770.00	HRS	55394
			1B1D01	EJ00	19100	BE10E	BWHC - Plant Engineers	603.00	HRS	34697
			1B1D01	EJ00	19100	BE13E	BWHC - Other Engineers	65.00	HRS	4625
			1B1D01	EJ00	19100	BP17E	BWHC - Other Professionals	807.27	HRS	36077
										151400
										766413

ACT ID	CACN	ACTIVITY DESCRIPTION	CAPN	BUDGET COA	PERF ORG	RES	RES DESCRIPTION	BUDGET QUANTITY	RES UNITS	BUDGET COST
IVAN METCALF										
PP0320	101555	Final Safety Basis Review	1B1D0H	AQ31	19100	BE07E	BWHC - Mechanical Engineers	212.00	HRS	15251
			1B1D0H	AQ31	19100	BE13E	BWHC - Other Engineers	32.00	HRS	2277
			1B1D0H	AQ31	19100	BM02E	BWHC - Managers & Executives	32.00	HRS	2743
			1B1D0H	AQ31	19100	10	Material & Equipment	0.64	$	767
										21039
PP0344	101555	Facility Transistion File Input	1B1D0H	AQ31	19100	BE07E	BWHC - Mechanical Engineers	170.00	HRS	12230
			1B1D0H	AQ31	19100	BP17E	BWHC - Other Professionals	350.00	HRS	15642
										27871
										48910
										1889309

ADVANCED REACTORS TRANSITION (FY04) — PRIMAVERA PROJECT PLANNER
START DATE 01OCT98 — REPORT DATE 04OCT99
FIN DATE 30SEP04 — RUN NO. 2912:11
DATA DATE 01OCT98
RESOURCE ALLOCATION REPORT FOR CAMs — PAGE NO. 1
NE LEGACY OCCUPANCY

ACT ID	CACN	ACTIVITY DESCRIPTION	CAPN	BUDGET COA	PERF ORG	RES	RES DESCRIPTION	BUDGET QUANTITY	RES UNITS	BUDGET COST
BILL BREHM										
LO0140	101541	FY2004 LEGACY OCCUPANCY	1B1C11	EB00	18200	BE07E	BWHC - Mechanical Engineers	960.00	HRS	69062
			1B1C11	EB00	65600	IC12B	DyInSe - Other Crafts	952.00	HRS	83329
			1B1C11	EB00	52900	IE10E	DyInSe - Plant Engineers	477.00	HRS	46655
			1B1C11	EB00	18200	10	Material & Equipment	10.00	$	11988
			1B1C11	EB00	18200	5E	BPA Redistribution	60.00	$	71928
			1B1C11	AA40	18200	71M	PHMC Fee	100.00	$	100000
			1B1C11	EB00	18200	BE10E	BWHC - Plant Engineers	910.00	HRS	52361
			1B1C11	EB00	65800	CR07B	DynC - Utilities System Operat	436.00	HRS	25009
										460333
										460333

ACT ID	CACN	ACTIVITY DESCRIPTION	CAPN	BUDGET COA	PERF ORG	RES	RES DESCRIPTION	BUDGET QUANTITY	RES UNITS	BUDGET COST
BILL BREHM										
LE0060	101542	REMOVE & SHIP 337 CONTROLS & PIPING FY04	1B1C21	GB00	18200	BE07E	BWHC - Mechanical Engineers	530.00	HRS	38128
			1B1C21	GB00	18200	10	Material & Equipment	2.40	$	2877
			1B1C21	GB00	18200	93	Waste Management NW	12.45	$	15373
			1B1C21	GB00	18200	94	FD Northwest	233.10	$	293412
			1B1C21	GB00	18200	98	Cogema	5.30	$	6544
			1B1C21	GB00	18200	BE10E	BWHC - Plant Engineers	51.00	HRS	2935
			1B1C21	GB00	18200	28	Misc. Adjustments	5.00	$	5994
										365263
										365263

ACT ID	CACN	ACTIVITY DESCRIPTION	CAPN	BUDGET COA	PERF ORG	RES	RES DESCRIPTION	BUDGET QUANTITY	RES UNITS	BUDGET COST
BILL BREHM										
LE0150	101545	CLEAN 3718-M STORAGE TANK FY04	1B1C24	GB00	18200	BE07E	BWHC - Mechanical Engineers	100.00	HRS	7194
			1B1C24	GB00	18200	54	Solid Waste Disposal	2.50	$	2997
			1B1C24	GB00	18200	94	FD Northwest	1.25	$	1573
			1B1C24	GB00	18200	98	Cogema	6.33	$	7816
										19580
										19580

ACT ID	CACN	ACTIVITY DESCRIPTION	CAPN	BUDGET COA	PERF ORG	RES	RES DESCRIPTION	BUDGET QUANTITY	RES UNITS	BUDGET COST
BILL BREHM										
LE0200	101546	FY 2004 NE LEGACIES NA DISPOSITION PRJ. SUPP.	1B1C25	AQ31	18200	BE07E	BWHC - Mechanical Engineers	1742.00	HRS	125319
			1B1C25	AQ31	18200	BE12E	BWHC - Safety Engineers	20.00	HRS	1224
			1B1C25	AQ31	18800	BP09E	BWHC - Industrial Hygienists	20.00	HRS	1275
			1B1C25	AQ31	18700	BP15E	BWHC - Trainers & Instructors	40.00	HRS	2290
			1B1C25	AQ31	4H700	HE05E	FDH - Environmental Engineers	20.00	HRS	1199
			1B1C25	AQ31	18200	94	FD Northwest	9.58	$	12059
										143366
										143366
										988542

FFTF (FY00)
START DATE 01OCT98
FIN DATE 30SEP04
DATA DATE 01OCT98
RESOURCE ALLOCATION REPORT FOR CAMs
TPO PROGRAM MANAGEMENT

PRIMAVERA PROJECT PLANNER
REPORT DATE 04OCT99
RUN NO. 2912:13

ACT ID	CACN	ACTIVITY DESCRIPTION	CAPN	BUDGET COA	PERF ORG	RES	RES DESCRIPTION	BUDGET QUANTITY	RES UNITS	BUDGET COST
RUSS HULVEY										
SB012	101557	FY00 TPO PROGRAM MANAGEMENT	1B1030	AA30	18300	BM02E	BWHC - Managers & Executives	1595.00	HRS	133486
			1B1030	AA30	18300	BG04N	BWHC - Secretaries	1165.00	HRS	34577
			1B1030	AA30	18310	BP17E	BWHC - Other Professionals	1785.00	HRS	77880
			1B1030	AA30	18300	6P	Media Services	10.00	$	11912
			1B1030	AA30	18300	23	Misc. Purchased Services (Taxe	40.00	$	47648
			1B1030	AA30	18300	19	Computer Hardware & Software	50.00	$	59560
										365061
SB022	101557	FY00 TPO SAFETY OVERSIGHT/ISMS	1B1030	CB70	18300	BE13E	BWHC - Other Engineers	480.00	HRS	33346
			1B1030	CB70	18300	BM02E	BWHC - Managers & Executives	480.00	HRS	40171
			1B1030	CB70	18800	BE12E	BWHC - Safety Engineers	240.00	HRS	14342
										87859
SB032	101557	FY00 TPO TRAINING	1B1030	AH50	18300	BM02E	BWHC - Managers & Executives	80.00	HRS	6695
			1B1030	AH50	18300	BG04N	BWHC - Secretaries	20.00	HRS	594
			1B1030	AH50	18300	BE13E	BWHC - Other Engineers	80.00	HRS	5558
			1B1030	AH50	18300	41	Training Services	5.00	$	5956
			1B1030	AH50	18330	BP07E	BWHC - Planner/Scheduler/Estim	200.00	HRS	10448
			1B1030	AH50	18300	BE10E	BWHC - Plant Engineers	40.00	HRS	2247
			1B1030	AH50	18300	BE07E	BWHC - Mechanical Engineers	40.00	HRS	2809
										34306
SB041	101557	FY00 FEE	1B1030	AA40	18000	71M	PHMC Fee	2000.50	$	2000500
										2000500
SB047	101557	FY00 TPO SAFETY AND STAFF MEETINGS	1B1030	AY10	18300	BM02E	BWHC - Managers & Executives	30.00	HRS	2511
			1B1030	AY10	18300	BG04N	BWHC - Secretaries	30.00	HRS	890
			1B1030	AY10	18300	BE13E	BWHC - Other Engineers	30.00	HRS	2004
			1B1030	AY10	18330	BP07E	BWHC - Planner/Scheduler/Estim	120.00	HRS	6269
			1B1030	AY10	18300	BE10E	BWHC - Plant Engineers	30.00	HRS	1685
			1B1030	AY10	18300	BE07E	BWHC - Mechanical Engineers	30.00	HRS	2107
										15546
SB169	101557	CORRECTIVE ACTION MGMT. WMH FY00	1B1030	AA30	31600	WE05E	WMH - Environmental Engineers	2260.00	HRS	157703
			1B1030	AA30	18300	21	PO Contracts	125.00	$	148899
										306602

ACT ID	CACN	ACTIVITY DESCRIPTION	CAPN	BUDGET COA	PERF ORG	RES	RES DESCRIPTION	BUDGET QUANTITY	RES UNITS	BUDGET COST
RUSS HULVEY										
SB575	101557	FFTF AVERAGE LABOR ADDER FY00	1B1030	AA30	18300	0ZM	Labor Rate Adjustment - Unburd	0.00	$	0
										0
SB990	101557	FY00 FEB ASSESSMENT	1B1030	AA30	18300	21	PO Contracts	165.00	$	196546
										196546
										3006421

ACT ID	CACN	ACTIVITY DESCRIPTION	CAPN	BUDGET COA	PERF ORG	RES	RES DESCRIPTION	BUDGET QUANTITY	RES UNITS	BUDGET COST
RUSS HULVEY										
SB055	101558	FY00 PLANNING/SCHEDULEING MGMT.	1B1033	AA30	18330	BM02E	BWHC - Managers & Executives	1725.00	HRS	144365
			1B1033	AA30	18300	23	Misc. Purchased Services (Taxe	5.00	$	5956
			1B1033	AA30	18300	4V	Fleet	10.00	$	11912
			1B1033	AA30	18300	21	PO Contracts	8.40	$	10006
										172239
SB062	101558	FY00 PROJECT CONTROL	1B1033	AQ00	18330	BP07E	BWHC - Planner/Scheduler/Estim	5172.00	HRS	270185
										270185
SB072	101558	FY00 MATERIAL CONTROL & ACCOUNTIBILITY	1B1033	AG60	18330	BE10E	BWHC - Plant Engineers	1817.00	HRS	102061
			1B1033	AG60	18330	BM02E	BWHC - Managers & Executives	40.00	HRS	3348
			1B1033	AG60	18300	BE07E	BWHC - Mechanical Engineers	1695.00	HRS	119040
			1B1033	AG60	18300	97	Lockheed Martin Services, Inc.	0.01	$	13
										224461
SB082	101558	FY00 FUEL CASK FIELD SUPPORT	1B1033	BD00	18300	BE07E	BWHC - Mechanical Engineers	40.00	HRS	2809
										2809
SB092	101558	FY00 ART GENERAL OPES. SUPPORT	1B1033	EJ00	18300	BE13E	BWHC - Other Engineers	40.00	HRS	2779
										2779
SB155	101558	CORRECTIVE ACTION MGMT ADMIN FY00	1B1035	AA30	18330	BM02E	BWHC - Managers & Executives	180.00	HRS	15064
			1B1035	AA30	18330	BE10E	BWHC - Plant Engineers	1808.00	HRS	101555
			1B1035	AA30	18300	BE13E	BWHC - Other Engineers	1594.00	HRS	110735
										227355
										899828

FFTF (FY00)
START DATE 01OCT98
FIN DATE 30SEP04
DATA DATE 01OCT98
RESOURCE ALLOCATION REPORT FOR CAMs
INTEGRATION MANAGEMENT

PRIMAVERA PROJECT PLANNER
REPORT DATE 04OCT99
RUN NO. 2912:13

ACT ID	CACN	ACTIVITY DESCRIPTION	CAPN	BUDGET COA	PERF ORG	RES	RES DESCRIPTION	BUDGET QUANTITY	RES UNITS	BUDGET COST
RUSS HULVEY										
SB102	101559	FY00 INTERGRATION MGMT.	1B1035	AA30	18310	BM03E	BWHC - Project & Program Manag	1315.00	HRS	108672
			1B1035	AA30	18310	BE13E	BWHC - Other Engineers	2638.00	HRS	183262
			1B1035	AA30	18310	BG04N	BWHC - Secretaries	1795.00	HRS	53276
			1B1035	BB20	18300	BE07E	BWHC - Mechanical Engineers	1805.00	HRS	126765
										471974
SB112	101559	FY00 SYSTEMS ENGINEERING	1B1035	BH10	18300	BM02E	BWHC - Managers & Executives	30.00	HRS	2511
			1B1035	BH10	18300	BE13E	BWHC - Other Engineers	480.00	HRS	33346
										35856
										507831

FFTF (FY00)
START DATE 01OCT98
FIN DATE 30SEP04
DATA DATE 01OCT98
RESOURCE ALLOCATION REPORT FOR CAMs
SRID ADMINISTRATION

PRIMAVERA PROJECT PLANNER
REPORT DATE 04OCT99
RUN NO. 2912:13

ACT ID	CACN	ACTIVITY DESCRIPTION	CAPN	BUDGET COA	PERF ORG	RES	RES DESCRIPTION	BUDGET QUANTITY	RES UNITS	BUDGET COST
RUSS HULVEY										
SB132	101560	FY00 SRID ADMINISTRATION AND MAINTENANCE	1B1018	AK10	18200	BE07E	BWHC - Mechanical Engineers	800.00	HRS	56184
			1B1018	AK10	18300	BE13E	BWHC - Other Engineers	160.00	HRS	11115
			1B1018	AK10	18700	BP15E	BWHC - Trainers & Instructors	320.00	HRS	17885
			1B1018	AK10	18500	BP08E	BWHC - Health Physicists	320.00	HRS	20470
			1B1018	AK10	18800	BE12E	BWHC - Safety Engineers	240.00	HRS	14342
			1B1018	AK10	18800	BE08E	BWHC - Nuclear Engineers	160.00	HRS	11070
			1B1018	AK10	18700	BG04N	BWHC - Secretaries	600.00	HRS	17808
			1B1018	AK10	18700	BE10E	BWHC - Plant Engineers	1040.00	HRS	58417
			1B1018	AK10	18400	BE11E	BWHC - Quality Control Enginee	320.00	HRS	21264
			1B1018	AK10	18600	BM01E	BWHC - First Line Supervisors	480.00	HRS	29501
										258057
										258057

ACT ID	CACN	ACTIVITY DESCRIPTION	CAPN	BUDGET COA	PERF ORG	RES	RES DESCRIPTION	BUDGET QUANTITY	RES UNITS	BUDGET COST
JIM MONTANO										
SP0012	101561	FY00 PLANT DIRECTOR'S OFFICE	1B1000	AA10	18000	BM02E	BWHC - Managers & Executives	2254.00	HRS	188637
			1B1000	AA10	18000	2T	Travel Expense	10.00	$	11912
			1B1000	AA10	18000	BG04N	BWHC - Secretaries	1805.00	HRS	53572
										254122
SP0032	101561	FY00 GENERAL FINANCIAL MANAGEMENT	1B1000	AC20	11200	BP01E	BWHC - Accountants & Auditors	1805.00	HRS	97651
			1B1000	AC20	18000	21	PO Contracts	80.00	$	95295
			1B1000	AC20	18000	41	Training Services	0.40	$	476
			1B1000	AC20	11200	BM03E	BWHC - Project & Program Manag	1805.00	HRS	149165
										342587
SP0042	101561	FY00 PROJECT OFFICE	1B1000	AA20	41500	HM03E	FDH - Project & Program Mgrs	1353.00	HRS	113138
			1B1000	AA20	18000	3D	Other Hanford Contractors	294.00	$	350210
			1B1000	AA20	18000	2T	Travel Expense	10.00	$	11912
										475260
SP0058	101561	MIGRATION OF FFTF COMPUTER CODES	1B1000	AA20	18000	94	FD Northwest	15.10	$	18527
			1B1000	AJ20	18000	94	FD Northwest	11.13	$	13656
										32182
										1104151

FFTF (FY00)
START DATE 01OCT98
FIN DATE 30SEP04
DATA DATE 01OCT98
RESOURCE ALLOCATION REPORT FOR CAMs
MATERIAL & PROPERTY SECURITY

PRIMAVERA PROJECT PLANNER
REPORT DATE 04OCT99
RUN NO. 2912:13

ACT ID	CACN	ACTIVITY DESCRIPTION	CAPN	BUDGET COA	PERF ORG	RES	RES DESCRIPTION	BUDGET QUANTITY	RES UNITS	BUDGET COST
DOUG GANTT										
SS0022	101562	FY00 RISK ANALYSIS & ASSESSMENTS	1B1015	AG80	64P00	PM01E	PTH - First Line Supervisors	181.00	HRS	10042
			1B1015	AG80	64P00	PM02E	PTH - Managers & Executives	362.00	HRS	32761
			1B1015	AG80	64P00	PP06E	PTH - Computer System Analysts	362.00	HRS	29829
			1B1015	AG40	64P00	PT07B	PTH - Instrument & Control Tec	181.00	HRS	10996
			1B1015	AG20	18000	21	PO Contracts	2.00	$	2382
										86010
SS0052	101562	FY00 PATROL POOL	1B1015	AG10	11000	5P	Patrol Pool	3273.00	$	3898765
										3898765
SS0062	101562	FY00 EXTRA PATROL SERVICES	1B1015	AG10	11000	5P	Patrol Pool	17.35	$	20667
										20667
SS0085	101562	FY00 SAFEGAURDS	1B1015	AG60	64P00	PP14E	PTH - Safeguards & Security Sp	452.00	HRS	26899
			1B1015	AG20	64P00	PS09E	PTH - Other Scienctists	434.00	HRS	34998
			1B1015	AG20	18000	21	PO Contracts	25.00	$	29780
			1B1015	AG20	64P00	1P	P Card Purchases	1.00	$	1191
										92867
SS0115	101562	FY00 SAS PHYSICAL SECURITY	1B1015	AG20	64P00	PP14E	PTH - Safeguards & Security Sp	1084.00	HRS	64509
			1B1015	AG20	64P00	PM02E	PTH - Managers & Executives	180.00	HRS	16290
			1B1015	AG20	64P00	PG02N	PTH - Office Clerks (General)	180.00	HRS	6253
										87052
SS0175	101562	FY00 SAS TECHNICAL SECURITY	1B1015	AG20	64P00	PC01B	PTH - Electricians	1446.00	HRS	87845
			1B1015	AG20	64P00	PT07B	PTH - Instrument & Control Tec	1988.00	HRS	120771
			1B1015	AG20	64P00	PE10E	PTH - Plant Engineers	180.00	HRS	11750
			1B1015	AG20	64P00	10	Material & Equipment	20.00	$	23824
			1B1015	AG40	64P00	41	Training Services	5.00	$	5956
										250146
										4435507

FFTF (FY00)
START DATE 01OCT98
FIN DATE 30SEP04
DATA DATE 01OCT98
RESOURCE ALLOCATION REPORT FOR CAMs
SPARE PARTS INVENTORY CHANGE

ACT ID	CACN	ACTIVITY DESCRIPTION	CAPN	BUDGET COA	PERF ORG	RES	RES DESCRIPTION	BUDGET QUANTITY	RES UNITS	BUDGET COST
JIM MONTANO										
							Material & Equipment	125.00	$	148899
SK0020	101563	FY00 SPARE PARTS INVENTORY CHANGE	1B130K	FA20	11200	10				148899
										148899

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START DATE 01OCT98
FIN DATE 30SEP04
DATA DATE 01OCT98
RESOURCE ALLOCATION REPORT FOR CAMs
SPARE PARTS WITHDRAWAL/RETURNS

PRIMAVERA PROJECT PLANNER
REPORT DATE 04OCT99
RUN NO. 2912:13

ACT ID	CACN	ACTIVITY DESCRIPTION	CAPN	BUDGET COA	PERF. ORG	RES	RES DESCRIPTION	BUDGET QUANTITY	RES UNITS	BUDGET COST
JIM MONTANO										
SL0020	101564	FY00 SPARES WITHDRAWAL/RETURNS	1B130L	FA20	11200	1P	P Card Purchases	30.00	$	35736
			1B130L	FA20	11200	10	Material & Equipment	30.00	$	35736
										71471
										71471

ACT ID	CACN	ACTIVITY DESCRIPTION	CAPN	BUDGET COA	PERF ORG	RES	RES DESCRIPTION	BUDGET QUANTITY	RES UNITS	BUDGET COST
STEVE DOEBLER										
SA0012	101565	FY00 OPS PLANT ADMIN/PROJECT DIRECTION	1B1010	A010	18100	BG04N	BWHC - Secretaries	1805.00	HRS	53572
			1B1010	AA30	18100	BM02E	BWHC - Managers & Executives	3306.00	HRS	276679
			1B1010	AA30	18100	BE13E	BWHC - Other Engineers	4517.00	HRS	313796
										644048
SA0022	101565	FY00 OPS PROGRAM MANAGEMENT	1B1010	AA30	18100	BM02E	BWHC - Managers & Executives	4092.00	HRS	342459
			1B1010	AA30	18100	BM01E	BWHC - First Line Supervisors	1800.00	HRS	111120
			1B1010	AA30	18100	BE10E	BWHC - Plant Engineers	4284.00	HRS	240632
			1B1010	AA30	61800	BR077	BWHC - Utilities System Operat	847.00	HRS	48304
										742516
SA0032	101565	FY00 GENERAL PROCESS/PLANT OPERATIONS	1B1010	EA00	18100	BR04N	BWHC - Nuclear Plant Operators	1953.00	HRS	101771
			1B1010	EA00	18100	23	Misc. Purchased Services (Taxe	0.18	$	214
			1B1010	EA00	18100	BE103	BWHC - Plant Engineers (OT)	724.00	HRS	29908
			1B1010	EA00	18100	BR042	BWHC - Nuclear Plant Operator	3212.00	HRS	184626
			1B1010	EA00	61800	BR077	BWHC - Utilities System Operat	201.00	HRS	11463
			1B1010	EA00	61800	BR05B	BWHC - Nuclear Waste Process O	838.00	HRS	45671
			1B1010	EA00	18100	BM02E	BWHC - Managers & Executives	362.00	HRS	30296
			1B1010	EA00	18100	BM01E	BWHC - First Line Supervisors	219.00	HRS	13460
			1B1010	EA00	18100	BE10E	BWHC - Plant Engineers	3399.00	HRS	190922
										608331
SA0042	101565	FY00 OPS SURVEILLANCE	1B1010	EB00	18100	BM02E	BWHC - Managers & Executives	2166.00	HRS	181273
			1B1010	EB00	18100	BM01E	BWHC - First Line Supervisors	1808.00	HRS	111120
			1B1010	EB00	18100	BE10E	BWHC - Plant Engineers	11101.00	HRS	623543
			1B1010	EB00	18100	BR04N	BWHC - Nuclear Plant Operators	10239.00	HRS	533554
			1B1010	EB00	61800	BR07B	BWHC - Utilities System Operat	5828.00	HRS	282483
			1B1010	EB00	61800	BR05B	BWHC - Nuclear Waste Process O	1358.00	HRS	74011
			1B1010	EB00	18100	BE13E	BWHC - Other Engineers	4517.00	HRS	313796
										2119780
SA0052	101565	FY00 OPS MAINTEANCE SUPPORT	1B1010	FA30	18100	BM02E	BWHC - Managers & Executives	1262.00	HRS	105617
			1B1010	FA30	18100	BM01E	BWHC - First Line Supervisors	760.00	HRS	46710
			1B1010	FA30	18100	BE10E	BWHC - Plant Engineers	4426.00	HRS	248608
			1B1010	FA30	18100	BR04N	BWHC - Nuclear Plant Operators	4796.00	HRS	249920
			1B1010	FA30	61800	BR07B	BWHC - Utilities System Operat	1514.00	HRS	73384
			1B1010	FA30	18100	4V	Fleet	50.00	$	59560
			1B1010	FA30	61800	BR05B	BWHC - Nuclear Waste Process O	1262.00	HRS	68779

ACT ID	CACN	ACTIVITY DESCRIPTION	CAPN	BUDGET COA	PERF ORG	RES	RES DESCRIPTION	BUDGET QUANTITY	RES UNITS	BUDGET COST
STEVE DOEBLER										
										852576
SA0062	101565	FY00 GENERAL OPERATIONS SUPPORT	1B1010	EJ00	18100	BM02E	BWHC - Managers & Executives	927.00	HRS	77581
			1B1010	EJ00	18100	BE10E	BWHC - Plant Engineers	6554.00	HRS	368138
			1B1010	EJ00	18100	BR04N	BWHC - Nuclear Plant Operators	3555.00	HRS	185251
			1B1010	EJ00	61800	BR07B	BWHC - Utilities System Operat	1776.00	HRS	86083
			1B1010	EJ00	18100	23	Misc. Purchased Services (Taxe	0.10	$	119
			1B1010	EJ00	18100	1P	P Card Purchases	11.50	$	13699
			1B1010	EJ00	18100	94	FD Northwest	1.50	$	1840
			1B1010	EJ00	61800	BR05B	BWHC - Nuclear Waste Process O	1507.00	HRS	82132
			1B1010	EJ00	18100	10	Material & Equipment	16.80	$	20012
										834854
SA0065	101565	FY00 FUEL OIL, NITRO, ARGON, CHEM, RADIOS & ELEC	1B1010	EJ00	18100	10	Material & Equipment	270.00	$	321621
			1B1010	EJ00	18100	5E	BPA Redistribution	1600.00	$	1905904
										2227525
SA0072	101565	FY00 OPS TRAINING PROGRAM ADMINISTRATION	1B1010	AH10	18100	BM02E	BWHC - Managers & Executives	350.00	HRS	29292
			1B1010	AH10	18100	BE10E	BWHC - Plant Engineers	1226.00	HRS	68864
			1B1010	AH10	18100	BR04N	BWHC - Nuclear Plant Operators	629.00	HRS	32777
			1B1010	AH10	61800	BR07B	BWHC - Utilities System Operat	209.00	HRS	10130
			1B1010	AH10	61800	BR05B	BWHC - Nuclear Waste Process O	350.00	HRS	19075
										160138
SA0082	101565	FY00 OPS TRAINING	1B1010	AH50	18100	BE10E	BWHC - Plant Engineers	1053.00	HRS	59147
			1B1010	AH50	18100	BR04N	BWHC - Nuclear Plant Operators	316.00	HRS	16467
			1B1010	AH50	61800	BR07B	BWHC - Utilities System Operat	210.00	HRS	10179
			1B1010	AH50	61800	BR05B	BWHC - Nuclear Waste Process O	175.00	HRS	9538
			1B1010	AH50	18100	BM02E	BWHC - Managers & Executives	175.00	HRS	14646
										109976
SA0092	101565	FY00 OPS TRAINING IMPLEMENTATION	1B1010	AH30	18100	BM02E	BWHC - Managers & Executives	1638.00	HRS	137084
			1B1010	AH30	18100	BE10E	BWHC - Plant Engineers	2459.00	HRS	138122
			1B1010	AH30	18100	BR04N	BWHC - Nuclear Plant Operators	2949.00	HRS	153672
			1B1010	AH30	61800	BR07B	BWHC - Utilities System Operat	938.00	HRS	45465
			1B1010	AH30	18100	41	Training Services	50.00	$	59560
			1B1010	AH30	61800	BR05B	BWHC - Nuclear Waste Process O	1638.00	HRS	89271

ACT ID	CACN	ACTIVITY DESCRIPTION	CAPN	BUDGET COA	PERF ORG	RES	RES DESCRIPTION	BUDGET QUANTITY	RES UNITS	BUDGET COST
STEVE DOEBLER										
										623174
SA0900	101565	QUAL/PAY FY00	1B1010	AA30	18100	24	Taxes & Licenses	500.00	$	595595
										595595
										9518513

ACT ID	CACN	ACTIVITY DESCRIPTION	CAPN	BUDGET COA	PERF ORG	RES	RES DESCRIPTION	BUDGET QUANTITY	RES UNITS	BUDGET COST
RICK MOUNCE										
SM0812	101566	FY00 FFTF TECHNICAL SUPPORT	1B1073	AA30	18700	BM02E	BWHC - Managers & Executives	1805.00	HRS	151060
			1B1073	AA30	18700	BG04N	BWHC - Secretaries	1805.00	HRS	53572
										204633
SM0832	101566	FY00 EMERGENCY PREPARDNESS	1B1073	CB60	18700	BE10E	BWHC - Plant Engineers	3610.00	HRS	202774
										202774
SM0852	101566	FY00 CRITICALITY SAFETY	1B1073	BB30	18700	BE10E	BWHC - Plant Engineers	903.00	HRS	50722
			1B1073	BB30	18700	94	FD Northwest	50.00	$	61347
										112068
SM0872	101566	FY00 FFTF TSPEC COMPLIANCE ADMINISTRATION	1B1073	BB20	18700	BE10E	BWHC - Plant Engineers	1444.00	HRS	81109
										81109
SM0892	101566	FY00 SYSTEM PROCEDURE MAINTENANCE	1B1073	BC10	18700	BG02N	BWHC - Office Clerks (General)	1805.00	HRS	48771
			1B1073	BC10	18700	BE10E	BWHC - Plant Engineers	3610.00	HRS	202774
			1B1073	BC10	18700	BT03N	BWHC - Engineering Technicians	903.00	HRS	35515
										287060
SM0912	101566	FY00 PM/ICRS ADMINISTRATION	1B1073	FA10	18700	BE10E	BWHC - Plant Engineers	903.00	HRS	50722
										50722
SM0932	101566	FY00 A&S SUPPORT SERVICES	1B1073	EJ00	18700	10	Material & Equipment	2.00	$	2382
			1B1073	AH50	18700	41	Training Services	5.00	$	5956
			1B1073	EJ00	18700	6P	Media Services	0.50	$	596
			1B1073	EJ00	18700	BE10E	BWHC - Plant Engineers	728.00	HRS	40892
			1B1073	EJ00	18700	BT03N	BWHC - Engineering Technicians	902.00	HRS	35476
										85301
SM0955	101566	FY00 A&S MANAGEMENT ADMINISTRATION	1B1073	AA30	18700	BM02E	BWHC - Managers & Executives	1805.00	HRS	151060
										151060

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START DATE 01OCT98
FIN DATE 30SEP04
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RESOURCE ALLOCATION REPORT FOR CAMs
OPES ANALYSIS & SUPPORT

PRIMAVERA PROJECT PLANNER
REPORT DATE 04OCT99
RUN NO. 2912:13

ACT ID	CACN	ACTIVITY DESCRIPTION	CAPN	BUDGET COA	PERF ORG	RES	RES DESCRIPTION	BUDGET QUANTITY	RES UNITS	BUDGET COST
										1174727

ACT ID	CACN	ACTIVITY DESCRIPTION	CAPN	BUDGET COA	PERF ORG	RES	RES DESCRIPTION	BUDGET QUANTITY	RES UNITS	BUDGET COST
DAN ROVIRA										
ST012	101567	FY00 TRAINING MGMT SERVICES & GENERAL ADMIN	1B1070	AA30	18720	BM02E	BWHC - Managers & Executives	1625.00	HRS	135996
			1B1070	A010	18720	BG02N	BWHC - Office Clerks (General)	1725.00	HRS	46610
			1B1070	A020	18720	BE10E	BWHC - Plant Engineers	360.00	HRS	20221
			1B1070	A020	18700	10	Material & Equipment	5.00	$	5956
			1B1070	AA30	18720	BP15E	BWHC - Trainers & Instructors	1083.00	HRS	60529
										269312
ST022	101567	FY00 TRAINING PROGRAM ADMINISTRATION	1B1070	AA30	18720	BP15E	BWHC - Trainers & Instructors	900.00	HRS	50301
										50301
ST032	101567	FY00 TRAINING DEVELOPMENT	1B1070	AA30	18720	BP15E	BWHC - Trainers & Instructors	3355.00	HRS	187511
			1B1070	AA30	61800	BT07B	BWHC - Instrument & Control Te	120.00	HRS	6580
			1B1070	AA30	61800	BC02B	BWHC - Electricians	40.00	HRS	2189
										196280
ST042	101567	FY00 TRAINING IMPLEMENTATION	1B1070	AA30	18720	BP15E	BWHC - Trainers & Instructors	1344.00	HRS	75116
										75116
ST051	101567	FY00 TRAINING EVALUATION	1B1070	AA30	18720	BP15E	BWHC - Trainers & Instructors	1283.00	HRS	71707
										71707
ST056	101567	FY00 TRAINING ATTENDANCE	1B1070	AH50	18720	BE10E	BWHC - Plant Engineers	200.00	HRS	11234
			1B1070	AH50	18720	BM02E	BWHC - Managers & Executives	180.00	HRS	15064
			1B1070	AH50	18720	BG02N	BWHC - Office Clerks (General)	80.00	HRS	2162
			1B1070	AH50	18700	41	Training Services	5.00	$	5956
			1B1070	AA30	18720	BP15E	BWHC - Trainers & Instructors	833.00	HRS	46556
										80972
										743688

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OPES POLICIES & PROCEDURES

PRIMAVERA PROJECT PLANNER
REPORT DATE 04OCT99
RUN NO. 2912:13

ACT ID	CACN	ACTIVITY DESCRIPTION	CAPN	BUDGET COA	PERF ORG	RES	RES DESCRIPTION	BUDGET QUANTITY	RES UNITS	BUDGET COST
DAN ROVIRA										
ST062	101568	FY00 POLICIES AND PROCEDURES	1B1074	AW00	18720	BE10E	BWHC - Plant Engineers	1400.00	HRS	78638
										78638
										78638

ACT ID	CACN	ACTIVITY DESCRIPTION	CAPN	BUDGET COA	PERF ORG	RES	RES DESCRIPTION	BUDGET QUANTITY	RES UNITS	BUDGET COST
LINDSEY NELSEN										
RC0012	101569	FY00 RADIOLOGICAL CONTROL PROGRAM MANAGEMENT	1B1045	AA30	18500	BM02E	BWHC - Managers & Executives	1715.00	HRS	143528
										143528
RC0022	101569	FY00 RADIOLOGICAL CONTROL TRAINING ATTENDANCE	1B1045	AH50	18500	BM02E	BWHC - Managers & Executives	90.00	HRS	7532
			1B1045	AH50	18500	BP08E	BWHC - Health Physicists	180.00	HRS	11515
			1B1045	AH50	18500	BT05B	BWHC - Health Physics Technici	640.00	HRS	32922
			1B1045	AH50	18500	41	Training Services	5.00	$	5956
			1B1045	AH50	18500	2T	Travel Expense	0.01	$	12
			1B1045	AH50	18500	10	Material & Equipment	1.50	$	1787
										59723
RC0032	101569	FY00 RADIOLOGICAL CONTROL INSTR. CALIBRATION	1B1045	AA20	18500	3D	Other Hanford Contractors	50.00	$	59560
										59560
RC0042	101569	FY00 RADIOLOGICAL CONTROL MAINTENANCE SUPPORT	1B1045	EA00	18500	BT05B	BWHC - Health Physics Technici	3409.00	HRS	175359
			1B1045	EA00	18500	BT057	BWHC - Health Physics Technici	125.00	HRS	7566
										182925
RC0052	101569	FY00 RADIATION PROTECTION	1B1045	CB10	18500	BP08E	BWHC - Health Physicists	1668.00	HRS	106702
										106702
RC0062	101569	FY00 RADIOLOGICAL CONTROL SURVEILLANCE	1B1045	EB00	18500	BT05B	BWHC - Health Physics Technici	5000.00	HRS	257200
										257200
RC0072	101569	FY00 RADIOLOGICAL CONTROL CORRECTIVE MAINTENANCE	1B1045	FA20	18500	BT05B	BWHC - Health Physics Technici	3480.00	HRS	179011
										179011
										988649

ACT ID	CACN	ACTIVITY DESCRIPTION	CAPN	BUDGET COA	PERF. ORG	RES	RES DESCRIPTION	BUDGET QUANTITY	RES UNITS	BUDGET COST
STEVE KILLOY										
SC012	101570	FY00 ENVIRONMENTAL TRAINING	1B1072	AH50	18700	1P	P Card Purchases	2.00	$	2382
			1B1072	AH50	18700	41	Training Services	5.00	$	5956
			1B1072	AH50	18710	BM02E	BWHC - Managers & Executives	90.00	HRS	7532
			1B1072	AH50	18710	BE10E	BWHC - Plant Engineers	360.00	HRS	20221
										36092
SC022	101570	FY00 INCIDENT EVALUATION	1B1072	BC50	18710	BE10E	BWHC - Plant Engineers	900.00	HRS	50553
										50553
SC032	101570	FY00 ENVIRONMENTAL PLANNING	1B1072	CA10	18700	93	Waste Management NW	20.51	$	24847
			1B1072	CA10	18710	BM02E	BWHC - Managers & Executives	1710.00	HRS	143110
			1B1072	CA10	18710	BE10E	BWHC - Plant Engineers	3420.00	HRS	192101
										360058
SC042	101570	FY00 ENVIRONMENTAL PERMITTING	1B1072	CA20	18700	21	PO Contracts	69.10	$	82311
			1B1072	CA20	18710	BE10E	BWHC - Plant Engineers	728.00	HRS	40892
										123203
SC052	101570	FY00 ENVIRONMENTAL COMPLIANCE	1B1072	CA30	18710	BE10E	BWHC - Plant Engineers	1625.00	HRS	91276
			1B1072	CA30	18700	93	Waste Management NW	20.51	$	24847
										116123
SC062	101570	FY00 ENVIRONMENTAL REPORTING AND MONITORING	1B1072	CA40	18710	BE10E	BWHC - Plant Engineers	603.00	HRS	33871
			1B1072	AJ30	18700	3D	Other Hanford Contractors	14.00	$	16677
										50547
SC072	101570	FY00 CHEMICAL MANAGEMENT	1B1072	CB20	18800	BE10E	BWHC - Plant Engineers	1808.00	HRS	101555
										101555
SC544	101570	FY00 WIDS SUPPORT	1B1072	CA20	18700	21	PO Contracts	14.00	$	16677
										16677

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										854808

ACT ID	CACN	ACTIVITY DESCRIPTION	CAPN	BUDGET COA	PERF ORG	RES	RES DESCRIPTION	BUDGET QUANTITY	RES UNITS	BUDGET COST
STEVE KILLOY										
SC082	101571	FY00 SAMPLING AND LAB	1B1172	ES10	18700	93	Waste Management NW	8.25	$	9994
			1B1172	ES10	18700	3D	Other Hanford Contractors	8.87	$	10566
			1B1172	ES10	18700	52	WSCF Lab - Sample Analysis	21.80	$	25968
			1B1172	ES10	18700	5G	Office of Sample Management	26.10	$	31090
										77618
										77618

ACT ID	CACN	ACTIVITY DESCRIPTION	CAPN	BUDGET COA	PERF ORG	RES	RES DESCRIPTION	BUDGET QUANTITY	RES UNITS	BUDGET COST
STEVE KILLOY										
SC092	101572	FY00 WASTE CHARACTERIZATION	1B1272	ES20	18700	93	Waste Management NW	8.25	$	9994
			1B1272	ES20	18700	52	WSCF Lab - Sample Analysis	26.10	$	31090
			1B1272	ES20	18700	5G	Office of Sample Management	26.10	$	31090
			1B1272	ES20	18700	51	222S Sample Analysis	8.70	$	10363
										82538
										82538

ACT ID	CACN	ACTIVITY DESCRIPTION	CAPN	BUDGET COA	PERF ORG	RES	RES DESCRIPTION	BUDGET QUANTITY	RES UNITS	BUDGET COST
STEVE KILLOY										
SC102	101573	FY00 POLLUTION PREVENTION	181372	CA10	18710	BE10E	BWHC - Plant Engineers	181.00	HRS	10167
										10167
										10167

ACT ID	CACN	ACTIVITY DESCRIPTION	CAPN	BUDGET COA	PERF ORG	RES	RES DESCRIPTION	BUDGET QUANTITY	RES UNITS	BUDGET COST
STEVE KILLOY										
SC112	101574	FY00 LLW DISPOSAL	1B1472	CA30	18700	93	Waste Management NW	4.15	$	5027
			1B1472	CA30	18700	54	Solid Waste Disposal	17.50	$	20846
			1B1472	CA30	18700	10	Material & Equipment	4.40	$	5241
										31115
										31115

ACT ID	CACN	ACTIVITY DESCRIPTION	CAPN	BUDGET COA	PERF ORG	RES	RES DESCRIPTION	BUDGET QUANTITY	RES UNITS	BUDGET COST
STEVE KILLOY										
SC220	101575	FY00 WASTE DISPOSAL 1ST QTR.	1B1572	CA30	18700	10	Material & Equipment	0.41	$	488
			1B1572	CA30	18700	1P	P Card Purchases	0.41	$	488
			1B1572	CA30	18700	54	Solid Waste Disposal	2.20	$	2621
			1B1572	CA30	18700	5B	Offsite Hazardous Waste	1.10	$	1310
			1B1572	CA30	18700	93	Waste Management NW	2.10	$	2544
			1B1572	CA30	18710	BE10E	BWHC - Plant Engineers	20.00	HRS	1123
										8575
SC222	101575	FY00 WASTE DISPOSAL 2ND QTR.	1B1572	CA30	18700	10	Material & Equipment	0.41	$	488
			1B1572	CA30	18700	1P	P Card Purchases	0.41	$	488
			1B1572	CA30	18700	54	Solid Waste Disposal	2.20	$	2621
			1B1572	CA30	18700	5B	Offsite Hazardous Waste	1.10	$	1310
			1B1572	CA30	18700	93	Waste Management NW	2.10	$	2544
			1B1572	CA30	18710	BE10E	BWHC - Plant Engineers	20.00	HRS	1123
										8575
SC224	101575	FY00 WASTE DISPOSAL 3RD QTR.	1B1572	CA30	18700	10	Material & Equipment	0.41	$	488
			1B1572	CA30	18700	1P	P Card Purchases	0.41	$	488
			1B1572	CA30	18700	54	Solid Waste Disposal	2.20	$	2621
			1B1572	CA30	18700	5B	Offsite Hazardous Waste	1.10	$	1310
			1B1572	CA30	18700	93	Waste Management NW	2.10	$	2544
			1B1572	CA30	18710	BE10E	BWHC - Plant Engineers	20.00	HRS	1123
										8575
SC226	101575	FY00 WASTE DISPOSAL 4TH QTR.	1B1572	CA30	18700	54	Solid Waste Disposal	2.20	$	2621
			1B1572	CA30	18700	5B	Offsite Hazardous Waste	1.10	$	1310
			1B1572	CA30	18700	93	Waste Management NW	2.10	$	2544
			1B1572	CA30	18710	BE10E	BWHC - Plant Engineers	20.00	HRS	1123
			1B1572	CA30	18700	10	Material & Equipment	0.41	$	488
			1B1572	CA30	18700	1P	P Card Purchases	0.41	$	488
										8575
										34301

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RICK ZIMMERMAN										
SF012	101576	FY00 SAFETY PROGRAM MANAGEMENT	1B1080	AA30	18800	BM02E	BWHC - Managers & Executives	1715.00	HRS	143528
			1B1080	AA30	18800	10	Material & Equipment	1.00	$	1191
			1B1080	AA30	18800	23	Misc. Purchased Services (Taxe	0.50	$	596
			1B1080	AA30	18800	1P	P Card Purchases	0.50	$	596
			1B1080	AA30	18800	3D	Other Hanford Contractors	1.25	$	1489
			1B1080	AA30	18800	26	Misc. Membership & Fees	0.30	$	357
										147757
SF022	101576	FY00 SAFETY INDUSTRIAL HYGIENE	1B1080	CB20	18800	BP09E	BWHC - Industrial Hygienists	1718.00	HRS	106928
										106928
SF032	101576	FY00 SAFETY FIRE PROTECTION	1B1080	CB30	18800	BE12E	BWHC - Safety Engineers	4593.00	HRS	274478
										274478
SF042	101576	FY00 SAFETY/NUCLEAR	1B1080	CB80	18800	BE08E	BWHC - Nuclear Engineers	2262.00	HRS	156508
										156508
SF052	101576	FY00 SAFETY/INDUSTRIAL	1B1080	CB90	18800	BP09E	BWHC - Industrial Hygienists	3430.00	HRS	213483
										213483
SF062	101576	FY00 SAFETY TRAINING	1B1080	AH30	18800	41	Training Services	5.50	$	6552
			1B1080	AH50	18800	BP09E	BWHC - Industrial Hygienists	135.00	HRS	8402
			1B1080	AH50	18800	BE12E	BWHC - Safety Engineers	180.00	HRS	10757
			1B1080	AH50	18800	BE08E	BWHC - Nuclear Engineers	180.00	HRS	12454
			1B1080	AH50	18800	BM02E	BWHC - Managers & Executives	90.00	HRS	7532
										45697
										944851

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RESOURCE ALLOCATION REPORT FOR CAMs
QUALITY ASSURANCE

PRIMAVERA PROJECT PLANNER
REPORT DATE 04OCT99
RUN NO. 2912:13
PAGE NO. 26

ACT ID	CACN	ACTIVITY DESCRIPTION	CAPN	BUDGET COA	PERF ORG	RES	RES DESCRIPTION	BUDGET QUANTITY	RES UNITS	BUDGET COST
JIM PARKER										
SF082	101577	FY00 QUALITY ASSURANCE	1B1040	AL10	18400	BM02E	BWHC - Managers & Executives	1805.00	HRS	151060
			1B1040	AL10	18400	41	Training Services	2.00	$	2382
			1B1040	AL10	18800	94	FD Northwest	37.00	$	45396
			1B1040	AL10	18400	BE11E	BWHC - Quality Control Enginee	1144.00	HRS	76019
			1B1040	AL10	18400	BT11N	BWHC - Other Technicians	2241.00	HRS	109002
			1B1040	AL40	18400	BT11N	BWHC - Other Technicians	2430.00	HRS	118195
										502055
										502055

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SOL GUTTENBERG										
A2012	101578	FY00 ART ENG. MGT & ADMINISTRATION	1B130A	AA30	18200	BM02E	BWHC - Managers & Executives	1715.00	HRS	143528
			1B130A	AA30	18200	2T	Travel Expense	0.01	$	12
			1B130A	A010	18200	BG04N	BWHC - Secretaries	1715.00	HRS	50901
			1B130A	B000	18200	BE01E	BWHC - Chemical Engineers	822.00	HRS	55608
			1B130A	B000	18200	10	Material & Equipment	5.00	$	5956
			1B130A	B000	18200	94	FD Northwest	5.00	$	6135
										262140
A2040	101578	FY00 ART ENGINEERING MGT. TRAINING	1B130A	AH50	18200	41	Training Services	5.00	$	5956
			1B130A	AH50	18200	BM02E	BWHC - Managers & Executives	90.00	HRS	7532
			1B130A	AH50	18200	BG04N	BWHC - Secretaries	90.00	HRS	2671
			1B130A	AH50	18200	BE01E	BWHC - Chemical Engineers	90.00	HRS	6089
										22248
										284388

ACT ID	CACN	ACTIVITY DESCRIPTION	CAPN	BUDGET COA	PERF ORG	RES	RES DESCRIPTION	BUDGET QUANTITY	RES UNITS	BUDGET COST
STEVE CROW										
SE0012	101579	FY00 ASEE ADMINISTRATIVE SUPPORT	1B1024	A010	18240	BG04N	BWHC - Secretaries	1800.00	HRS	53424
			1B1024	A020	18200	IP	P Card Purchases	12.00	$	14294
			1B1024	A020	18240	BM02E	BWHC - Managers & Executives	1765.00	HRS	147713
										215431
SE0022	101579	FY00 ASEE TRAINING ATTENDENCE	1B1024	AH50	18240	BG04N	BWHC - Secretaries	5.00	HRS	148
			1B1024	AH50	18200	41	Training Services	10.00	$	11912
			1B1024	AH50	18200	BE04E	BWHC - Electrical Engineers	240.00	HRS	17006
			1B1024	AH50	18240	BE10E	BWHC - Plant Engineers	160.00	HRS	8987
			1B1024	AH50	18240	BM02E	BWHC - Managers & Executives	40.00	HRS	3348
										41402
SE0032	101579	FY00 ASEE GENERAL ENGINEERING	1B1024	B000	18200	BE04E	BWHC - Electrical Engineers	2196.00	HRS	155609
			1B1024	B000	18240	BE10E	BWHC - Plant Engineers	264.00	HRS	14829
										170437
SE0042	101579	FY00 PERFORM NEC INSPECTION- REVIEW & OVERSITE	1B1024	AL20	4H600	HE11E	FDH - Quality Control Engineer	100.00	HRS	5618
										5618
SE0052	101579	FY00 ASEE PREVENTIVE/PREDICTIVE	1B1024	FA10	18200	BE04E	BWHC - Electrical Engineers	1766.00	HRS	125139
			1B1024	FA10	18240	BE10E	BWHC - Plant Engineers	1444.00	HRS	81109
			1B1024	FA10	18200	21	PO Contracts	5.00	$	5956
										212204
SE0062	101579	FY00 ASEE CORRECTIVE MAINTENANCE WORK	1B1024	FA20	18200	BE04E	BWHC - Electrical Engineers	5544.00	HRS	392848
			1B1024	FA20	18240	BE10E	BWHC - Plant Engineers	3526.00	HRS	198055
			1B1024	FA20	18200	10	Material & Equipment	5.00	$	5956
										596859
SE0071	101579	FY00 TELECOMMUNICATIONS PO	1B1024	AJ40	18200	97	Lockheed Martin Services, Inc.	5.00	$	6391
										6391

FFTF (FY00)
START DATE 01OCT98
FIN DATE 30SEP04
DATA DATE 01OCT98
RESOURCE ALLOCATION REPORT FOR CAMs
AUX SYS ELECTRICAL ENGINEERING SUPPORT

PRIMAVERA PROJECT PLANNER
REPORT DATE 04OCT99
RUN NO. 2912:13

ACT ID	CACN	ACTIVITY DESCRIPTION	CAPN	BUDGET COA	PERF ORG	RES	RES DESCRIPTION	BUDGET QUANTITY	RES UNITS	BUDGET COST
										1248342

ACT ID	CACN	ACTIVITY DESCRIPTION	CAPN	BUDGET COA	PERF ORG	RES	RES DESCRIPTION	BUDGET QUANTITY	RES UNITS	BUDGET COST
DAVE POLZIN										
SD0012	101580	FY00 MECHANICAL ENGINEERING PROGRAM MANAGEMENT	1B1023	AA30	18230	BM02E	BWHC - Managers & Executives	1750.00	HRS	146458
			1B1023	AA30	18200	10	Material & Equipment	5.00	$	5956
										152413
SD0022	101580	FY00 MECHANICAL ENGINEERING TRAINING ATTENDENCE	1B1023	AH50	18230	BM02E	BWHC - Managers & Executives	55.00	HRS	4603
			1B1023	AH50	18200	BE07E	BWHC - Mechanical Engineers	216.00	HRS	15170
			1B1023	AH50	18230	BE10E	BWHC - Plant Engineers	289.00	HRS	16233
			1B1023	AH50	18200	41	Training Services	5.00	$	5956
										41962
SD0032	101580	FY00 GENERAL ENGINEERING - MECHANICAL ENG	1B1023	B000	18200	BE07E	BWHC - Mechanical Engineers	2208.00	HRS	155068
			1B1023	B000	18230	BE10E	BWHC - Plant Engineers	530.00	HRS	29770
										184838
SD0042	101580	FY00 OPERATIONAL PROCEDURES - MECH ENGINERING	1B1023	BC10	18200	BE07E	BWHC - Mechanical Engineers	105.00	HRS	7374
			1B1023	BC10	18230	BE10E	BWHC - Plant Engineers	145.00	HRS	8145
										15519
SD0052	101580	FY00 FIELD SUPERVISION/PIC ACTIVITIES - MECH ENG	1B1023	BD00	18200	BE07E	BWHC - Mechanical Engineers	350.00	HRS	24581
			1B1023	BD00	18230	BE10E	BWHC - Plant Engineers	460.00	HRS	25838
										50419
SD0062	101580	FY00 PREVENTIVE/PREDICTIVE MAINT - MECH ENG	1B1023	FA10	18230	BE10E	BWHC - Plant Engineers	1700.00	HRS	95489
			1B1023	FA10	18200	BE07E	BWHC - Mechanical Engineers	250.00	HRS	17558
										113047
SD0072	101580	FY00 CORRECTIVE MAINTENANCE - MECH ENGINEERING	1B1023	FA20	18200	BE07E	BWHC - Mechanical Engineers	3144.00	HRS	220803
			1B1023	FA20	18230	BE10E	BWHC - Plant Engineers	3098.00	HRS	174015
										394818
										953015

ACT ID	CACN	ACTIVITY DESCRIPTION	CAPN	BUDGET COA	PERF ORG	RES	RES DESCRIPTION	BUDGET QUANTITY	RES UNITS	BUDGET COST
TOM BURKE										
A0012	101581	FY00 RSM ENG PROGRAM MANAGEMENT	1B1022	AA30	18210	BM02E	BWHC - Managers & Executives	1750.00	HRS	146458
			1B1022	AA30	18200	10	Material & Equipment	2.00	$	2382
										148840
A0022	101581	FY00 FACILITY & GENERAL TRAINING ATTENDANCE	1B1022	AH50	18210	BM02E	BWHC - Managers & Executives	55.00	HRS	4603
			1B1022	AH50	18200	BE07E	BWHC - Mechanical Engineers	496.00	HRS	34834
			1B1022	AH50	18210	BT02N	BWHC - Drafters	55.00	HRS	3216
			1B1022	AH50	18200	41	Training Services	5.00	$	5956
										48609
A0042	101581	FY00 RSME GENERAL ENGINEERING	1B1022	B000	18200	BE07E	BWHC - Mechanical Engineers	2503.00	HRS	175786
			1B1022	B000	18210	BT02N	BWHC - Drafters	90.00	HRS	5263
										181049
A0062	101581	FY00 OPERATING PROCEDURES	1B1022	BC10	18200	BE07E	BWHC - Mechanical Engineers	298.00	HRS	20929
										20929
A0072	101581	FY00 CONFIGURATION MANAGEMENT	1B1022	BC30	18200	BE07E	BWHC - Mechanical Engineers	199.00	HRS	13976
			1B1022	BC30	18210	BT02N	BWHC - Drafters	668.00	HRS	39065
										53040
A0082	101581	FY00 FIELD SUPERVISION/PIC ACTIVITIES	1B1022	BD00	18200	BE07E	BWHC - Mechanical Engineers	993.00	HRS	69738
										69738
A0092	101581	FY00 RSME ENGINEERING STANDARDS & PROCEDURES	1B1022	BR00	18200	BE07E	BWHC - Mechanical Engineers	397.00	HRS	27881
										27881
A0102	101581	FY00 PREVENTATIVE MAINTENANCE SUPPORT	1B1022	FA10	18200	BE07E	BWHC - Mechanical Engineers	298.00	HRS	20929
										20929
A0112	101581	FY00 CORRECTIVE MAINT/MODIFICATIONS SUPPORT	1B1022	FA20	18200	BE07E	BWHC - Mechanical Engineers	6354.00	HRS	446241
			1B1022	FA20	18210	BT02N	BWHC - Drafters	90.00	HRS	5263

ACT. ID	CACN	ACTIVITY DESCRIPTION	CAPN	BUDGET COA	PERF ORG	RES	RES DESCRIPTION	BUDGET QUANTITY	RES UNITS	BUDGET COST
TOM BURKE										
										451505
A0113	101581	FY00 RSM SYSTEM DOCUMENTATION	IB1022	BC60	18200	BE07E	BWHC - Mechanical Engineers	199.00	HRS	13976
										13976
										1036496

FFTF (FY00)
START DATE 01OCT98
FIN DATE 30SEP04
DATA DATE 01OCT98
RESOURCE ALLOCATION REPORT FOR CAMs
G-3 GENERATOR REPAIR MATERIAL

PRIMAVERA PROJECT PLANNER
REPORT DATE 04OCT99
RUN NO. 2912:13

ACT ID	CACN	ACTIVITY DESCRIPTION	CAPN	BUDGET COA	PERF ORG	RES	RES DESCRIPTION	BUDGET QUANTITY	RES UNITS	BUDGET COST
STEVE CROW										
SE0082	101584	FY00 PERFORM G-3 HALON CONCENTRATION TEST	1B102A	FA20	1B200	21	PO Contracts	10.00	$	11912
										11912
										11912

ACT ID	CACN	ACTIVITY DESCRIPTION	CAPN	BUDGET COA	PERF ORG	RES	RES DESCRIPTION	BUDGET QUANTITY	RES UNITS	BUDGET COST
GARY BOEHNKE										
SN0442	101585	FFTF PM's 4F/P - OCT - SEP FY00	1B1060	FA10	18400	BE11E	BWHC - Quality Control Enginee	957.00	HRS	63593
			1B1060	FA10	61800	BC02B	BWHC - Electricians	1696.00	HRS	92822
			1B1060	FA10	61800	BC06B	BWHC - Millwrights	845.00	HRS	43518
			1B1060	FA10	61800	BC08B	BWHC - Plumbers & Pipefitters	618.00	HRS	31864
			1B1060	FA10	61800	BC09B	BWHC - Structural & Metal Work	243.00	HRS	12439
			1B1060	FA10	61800	BL07B	BWHC - Light Vehicle Drivers	239.00	HRS	9926
			1B1060	FA10	61800	BR07B	BWHC - Utilities System Operat	1050.00	HRS	50894
			1B1060	FA10	61800	BT07B	BWHC - Instrument & Control Te	4772.00	HRS	261649
			1B1060	FA10	65500	CC10B	DynC - Vehicle & Equip Mechani	67.00	HRS	3799
			1B1060	FA10	61800	BR03B	BWHC - Material Moving Equip O	43.00	HRS	2201
			1B1060	FA10	65800	CC02B	DynC - Electricians	1280.00	HRS	80678
										653382
SN0562	101585	LANDLORD PM's 4L/P - OCT - SEP FY00	1B1060	FA10	61800	BC02B	BWHC - Electricians	532.00	HRS	29116
			1B1060	FA10	61800	BC08B	BWHC - Plumbers & Pipefitters	373.00	HRS	19232
			1B1060	FA10	61800	BC09B	BWHC - Structural & Metal Work	17.00	HRS	870
			1B1060	FA10	61800	BL07B	BWHC - Light Vehicle Drivers	56.00	HRS	2326
			1B1060	FA10	61800	BR07B	BWHC - Utilities System Operat	51.00	HRS	2472
			1B1060	FA10	61800	BC01B	BWHC - Carpenters	27.00	HRS	1355
			1B1060	FA10	61800	BC06B	BWHC - Millwrights	42.00	HRS	2163
			1B1060	FA10	65100	SC09B	DyFabSe - Structural & Metal W	1100.00	HRS	110374
			1B1060	FA10	65800	IC02B	DyInSe - Electricians	20.00	HRS	1654
										169562
SN0682	101585	MASF PM's 4M/P - OCT - SEP FY00	1B1060	FA10	61800	BC02B	BWHC - Electricians	220.00	HRS	12041
			1B1060	FA10	61800	BC06B	BWHC - Millwrights	265.00	HRS	13648
			1B1060	FA10	61800	BC08B	BWHC - Plumbers & Pipefitters	32.00	HRS	1650
			1B1060	FA10	61800	BC09B	BWHC - Structural & Metal Work	38.00	HRS	1945
			1B1060	FA10	61800	BR03B	BWHC - Material Moving Equip O	21.00	HRS	1075
			1B1060	FA10	61800	BT07B	BWHC - Instrument & Control Te	46.00	HRS	2522
										32880
SN0722	101585	PM MATERIAL BUDGET FY00	1B1060	FA10	18600	10	Material & Equipment	25.00	$	29780
										29780

ACT ID	CACN	ACTIVITY DESCRIPTION	CAPN	BUDGET COA	PERF ORG	RES	RES DESCRIPTION	BUDGET QUANTITY	RES UNITS	BUDGET COST
GARY BOEHNKE										
SN0732	101585	FY00 GENERAL MAINTENANCE	1B1060	B000	18600	BM02E	BWHC - Managers & Executives	5145.00	HRS	430585
			1B1060	B000	18600	BE10E	BWHC - Plant Engineers	6084.00	HRS	341738
			1B1060	B000	18600	BG02N	BWHC - Office Clerks (General)	2700.00	HRS	72954
			1B1060	B000	18600	BG03B	BWHC - Office Clerks (Speciali	5950.00	HRS	259361
			1B1060	B000	18600	IL03B	DyInSe - Janitors & Cleaners	7220.00	HRS	369736
			1B1060	B000	61800	BL07B	BWHC - Light Vehicle Drivers	3002.00	HRS	124673
			1B1060	B000	61800	BR03B	BWHC - Material Moving Equip O	1740.00	HRS	89071
			1B1060	B000	61800	BC09B	BWHC - Structural & Metal Work	3175.00	HRS	162528
			1B1060	B000	65600	CC07B	DynC - Painters	1000.00	HRS	58680
			1B1060	B000	65100	CC04B	DynC - Machinists	800.00	HRS	49120
			1B1060	B000	65600	CC12B	DynC - Other Crafts	600.00	HRS	35430
										1993876
SN0742	101585	FY00 MAINTENANCE TRAINING ATTENDENCE	1B1060	AH50	18600	BE10E	BWHC - Plant Engineers	1398.00	HRS	78526
			1B1060	AH50	18600	BG02N	BWHC - Office Clerks (General)	15.00	HRS	405
			1B1060	AH50	18600	BP07E	BWHC - Planner/Scheduler/Estim	90.00	HRS	4702
			1B1060	AH50	18600	BG03B	BWHC - Office Clerks (Speciali	360.00	HRS	15692
			1B1060	AH50	61800	BL07B	BWHC - Light Vehicle Drivers	542.00	HRS	22509
			1B1060	AH50	61800	BC09B	BWHC - Structural & Metal Work	455.00	HRS	23291
			1B1060	AH50	61800	BC02B	BWHC - Electricians	710.00	HRS	38858
			1B1060	AH50	61800	BT07B	BWHC - Instrument & Control Te	542.00	HRS	29718
			1B1060	AH50	61800	BC06B	BWHC - Millwrights	542.00	HRS	27913
			1B1060	AH50	61800	BC08B	BWHC - Plumbers & Pipefitters	542.00	HRS	27946
			1B1060	AH50	61800	BC01B	BWHC - Carpenters	90.00	HRS	4518
			1B1060	AH50	18600	BM01E	BWHC - First Line Supervisors	450.00	HRS	27657
			1B1060	AH50	18600	BM02E	BWHC - Managers & Executives	450.00	HRS	37661
			1B1060	AH50	18600	41	Training Services	50.00	$	59560
										398955
SN0756	101585	FY00 CORRECTIVE MAINTENANCE 1ST PERIOD	1B1060	FA20	61800	BL07B	BWHC - Light Vehicle Drivers	1745.00	HRS	72470
			1B1060	FA20	61800	BC09B	BWHC - Structural & Metal Work	1100.00	HRS	56309
			1B1060	FA20	61800	BC02B	BWHC - Electricians	4070.00	HRS	222751
			1B1060	FA20	61800	BT07B	BWHC - Instrument & Control Te	1612.00	HRS	88386
			1B1060	FA20	61800	BC06B	BWHC - Millwrights	3022.00	HRS	155633
			1B1060	FA20	65100	CC11B	DynC - Welders	300.00	HRS	17688
			1B1060	FA20	61800	BC01B	BWHC - Carpenters	550.00	HRS	27610
			1B1060	FA20	18400	BE11E	BWHC - Quality Control Enginee	231.00	HRS	15350
			1B1060	FA20	18600	BC08B	BWHC - Plumbers & Pipefitters	2460.00	HRS	126838
			1B1060	FA20	65600	CT11N	DynC - Other Technicians	25.00	HRS	1411

ACT ID	CACN	ACTIVITY DESCRIPTION	CAPN	BUDGET COA	PERF ORG	RES	RES DESCRIPTION	BUDGET QUANTITY	RES UNITS	BUDGET COST
GARY BOEHNKE										
										784445
SN0758	101585	FY00 CORRECTIVE MAINTENANCE 2ND PERIOD	1B1060	FA20	61800	BL07B	BWHC - Light Vehicle Drivers	1745.00	HRS	72470
			1B1060	FA20	61800	BC09B	BWHC - Structural & Metal Work	1100.00	HRS	56309
			1B1060	FA20	61800	BC02B	BWHC - Electricians	3904.00	HRS	213666
			1B1060	FA20	61800	BT07B	BWHC - Instrument & Control Te	1402.00	HRS	76872
			1B1060	FA20	61800	BC06B	BWHC - Millwrights	2163.00	HRS	111395
			1B1060	FA20	61800	BC08B	BWHC - Plumbers & Pipefitters	2460.00	HRS	126838
			1B1060	FA20	61800	BC01B	BWHC - Carpenters	570.00	HRS	28614
			1B1060	FA20	65100	CC11B	DynC - Welders	300.00	HRS	17688
			1B1060	FA20	18400	BE11E	BWHC - Quality Control Enginee	232.00	HRS	15416
			1B1060	FA20	65600	CT11N	DynC - Other Technicians	25.00	HRS	1411
										720678
SN075A	101585	FY00 CORRECTIVE MAINTENANCE 3RD PERIOD	1B1060	FA20	61800	BC06B	BWHC - Millwrights	2163.00	HRS	111395
			1B1060	FA20	61800	BC08B	BWHC - Plumbers & Pipefitters	2460.00	HRS	126838
			1B1060	FA20	61800	BC01B	BWHC - Carpenters	570.00	HRS	28614
			1B1060	FA20	65100	CC11B	DynC - Welders	300.00	HRS	17688
			1B1060	FA20	61800	BL07B	BWHC - Light Vehicle Drivers	1745.00	HRS	72470
			1B1060	FA20	61800	BC09B	BWHC - Structural & Metal Work	1100.00	HRS	56309
			1B1060	FA20	61800	BC02B	BWHC - Electricians	3904.00	HRS	213666
			1B1060	FA20	61800	BT07B	BWHC - Instrument & Control Te	1402.00	HRS	76872
			1B1060	FA20	18400	BE11E	BWHC - Quality Control Enginee	232.00	HRS	15416
			1B1060	FA20	65600	CT11N	DynC - Other Technicians	25.00	HRS	1411
										720678
SN0761	101585	FY00 CORRECTIVE MAINT. MATERIALS & CONTRACTS	1B1060	FA20	18600	10	Material & Equipment	100.00	$	119119
			1B1060	FA20	18600	4V	Fleet	100.00	$	119119
			1B1060	FA20	18600	94	FD Northwest	1.00	$	1227
			1B1060	FA20	18600	97	Lockheed Martin Services, Inc.	0.20	$	256
			1B1060	FA20	18600	1P	P Card Purchases	300.00	$	357357
			1B1060	FA20	18600	21	PO Contracts	350.00	$	416917
			1B1060	FA20	18600	23	Misc. Purchased Services (Taxe	6.00	$	7147
			1B1060	FA20	18600	44	Crane & Rigging - Labor & Equi	30.00	$	35736
			1B1060	FA20	18600	45	Engr Testing - 305 & 306 Bldgs	7.00	$	8338
			1B1060	FA20	18600	5V	Fleet Maintenance	20.00	$	23824
										1089039

ACT ID	CACN	ACTIVITY DESCRIPTION	CAPN	BUDGET COA	PERF ORG	RES	RES DESCRIPTION	BUDGET QUANTITY	RES UNITS	BUDGET COST
GARY BOEHNKE										
SN0768	101585	FY00 MAINT. FIELD SUPERVISION AND PIC ACT	1B1060	BD00	18600	BM01E	BWHC - First Line Supervisors	6778.00	HRS	416576
			1B1060	BD00	18600	BM02E	BWHC - Managers & Executives	1715.00	HRS	143528
			1B1060	BD00	18600	BE10E	BWHC - Plant Engineers	9337.00	HRS	524459
										1084564
SN0778	101585	FY00 WORK CONTROL CENTER	1B1060	FA30	18600	BE10E	BWHC - Plant Engineers	8480.00	HRS	476322
			1B1060	FA30	18600	BP07E	BWHC - Planner/Scheduler/Estim	1715.00	HRS	89592
			1B1060	FA30	18600	BG02N	BWHC - Office Clerks (General)	900.00	HRS	24318
			1B1060	FA30	18600	BM02E	BWHC - Managers & Executives	1807.00	HRS	151228
			1B1060	FA30	18600	21	PO Contracts	75.00	$	89339
										830798
SN0796	101585	FY00 FFTF PEST CONTROL	1B1060	FA10	18600	93	Waste Management NW	48.00	$	58149
										58149
SN0820	101585	FY00 BACK-FLOW PREVENTER MAINTENANCE	1B1060	FA20	18600	21	PO Contracts	25.00	$	29780
										29780
SN0830	101585	FY00 PROCURE SPARE MHTS PUMP OIL SEALS	1B1060	FA20	18600	10	Material & Equipment	34.00	$	40500
										40500
										8637066

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STEVE DOEBLER										
FM0115	101586	FY00 FMEF SURVEILANCE AND MAINTENANCE	1B170A	EB00	18100	10	Material & Equipment	5.00	$	5956
			1B170A	EB00	18200	BE04E	BWHC - Electrical Engineers	255.00	HRS	18069
			1B170A	EB00	18200	BE07E	BWHC - Mechanical Engineers	80.00	HRS	5618
			1B170A	EB00	18200	BE13E	BWHC - Other Engineers	80.00	HRS	5558
			1B170A	EB00	61800	BC02B	BWHC - Electricians	600.00	HRS	32838
			1B170A	EB00	61800	BC08B	BWHC - Plumbers & Pipefitters	40.00	HRS	2062
			1B170A	EB00	61800	BT07B	BWHC - Instrument & Control Te	400.00	HRS	21932
			1B170A	EB00	61800	BC06B	BWHC - Millwrights	30.00	HRS	1545
			1B170A	EA00	18100	BM02E	BWHC - Managers & Executives	144.00	HRS	12051
										105630
FM0155	101586	FY00 FMEF PREVENTIVE/PREDICTIVE MAINTENANCE	1B170A	FA10	61800	BC02B	BWHC - Electricians	120.00	HRS	6568
			1B170A	FA10	61800	BC08B	BWHC - Plumbers & Pipefitters	50.00	HRS	2578
			1B170A	FA10	61800	BC06B	BWHC - Millwrights	50.00	HRS	2575
										11721
FM0215	101586	FMEF FY00 PROVIDE ELECTRICITY	1B170A	EA00	18100	5E	BPA Redistribution	84.00	$	100060
										100060
FM0415	101586	FMEF FY00 ELEVATOR MAINTENANCE CONTRACT	1B170A	EB00	18100	21	PO Contracts	20.00	$	23824
										23824
FM0515	101586	FMEF FY00 THIRD PARTY INSPECTION	1B170A	EB00	18100	21	PO Contracts	20.00	$	23824
										23824
FM0710	101586	FMEF FY00 PEST CONTROL SERVICE	1B170A	EB00	18100	93	Waste Management NW	5.00	$	6057
										6057
										271115

ACT ID	CACN	ACTIVITY DESCRIPTION	CAPN	BUDGET COA	PERF ORG	RES	RES DESCRIPTION	BUDGET QUANTITY	RES UNITS	BUDGET COST
GEORGE RUGE										
DE0900	101587	CUSTODIAL SUPPORT OF HDTS DATA BASES FY00	1B1026	BC60	18200	BE04E	BWHC - Electrical Engineers	150.00	HRS	10629
										10629
DE2072	101587	FY00 FUEL HANDLING I&C PROG. MGMT	1B1026	A020	18200	10	Material & Equipment	5.00	$	5956
			1B1026	A010	18250	BG04N	BWHC - Secretaries	1715.00	HRS	50901
			1B1026	AA30	18250	BM02E	BWHC - Managers & Executives	1750.00	HRS	146458
										203315
DE2082	101587	FY00 FUEL HANDLING FACILITY TRAINING	1B1026	AH50	18250	BM02E	BWHC - Managers & Executives	51.00	HRS	4268
			1B1026	AH50	18250	BG04N	BWHC - Secretaries	31.00	HRS	920
			1B1026	AH50	18250	BT02N	BWHC - Drafters	46.00	HRS	2690
			1B1026	AH50	18200	BE10E	BWHC - Plant Engineers	108.00	HRS	6066
			1B1026	AH50	18200	BE04E	BWHC - Electrical Engineers	270.00	HRS	19132
			1B1026	AH50	18200	41	Training Services	10.00	$	11912
										44989
DE2102	101587	FY00 FUEL HANDLING GENERAL ENGINEERING	1B1026	B000	18250	BG04N	BWHC - Secretaries	55.00	HRS	1632
			1B1026	B000	18250	BT02N	BWHC - Drafters	100.00	HRS	5848
			1B1026	B000	18200	BE10E	BWHC - Plant Engineers	300.00	HRS	16851
			1B1026	B000	18200	BE04E	BWHC - Electrical Engineers	1000.00	HRS	70860
			1B1026	B000	18200	10	Material & Equipment	2.00	$	2382
										97574
DE2122	101587	FY00 FUEL HANDLING OPNS PROC.	1B1026	BC10	18200	BE10E	BWHC - Plant Engineers	72.00	HRS	4044
			1B1026	BC10	18200	BE04E	BWHC - Electrical Engineers	180.00	HRS	12755
										16799
DE2132	101587	FY00 FUEL HANDLING EMERGENCY REPAIR	1B1026	BC20	18200	BE10E	BWHC - Plant Engineers	20.00	HRS	1123
			1B1026	BC20	18200	BE04E	BWHC - Electrical Engineers	50.00	HRS	3543
										4666
DE2142	101587	FY00 FUEL HANDLING CONFIG. MGMT	1B1026	BC30	18250	BT02N	BWHC - Drafters	1100.00	HRS	64328
										64328

ACT ID	CACN	ACTIVITY DESCRIPTION	CAPN	BUDGET COA	PERF ORG	RES	RES DESCRIPTION	BUDGET QUANTITY	RES UNITS	BUDGET COST
GEORGE RUGE										
DE2152	101587	FY00 FUEL HANDLING SYSTEM DOCUMENTATION	1B1026	BC60	18200	BE04E	BWHC - Electrical Engineers	25.00	HRS	1772
			1B1026	BC60	18200	BE10E	BWHC - Plant Engineers	10.00	HRS	562
										2333
DE2162	101587	FY00 FUEL HANDLING PIC	1B1026	BD00	18200	BE10E	BWHC - Plant Engineers	360.00	HRS	20221
			1B1026	BD00	18200	BE04E	BWHC - Electrical Engineers	900.00	HRS	63774
										83995
DE2172	101587	FY00 FUEL HANDLING PMP/ICRS	1B1026	FA11	18200	BE10E	BWHC - Plant Engineers	180.00	HRS	10111
			1B1026	FA11	18200	BE04E	BWHC - Electrical Engineers	450.00	HRS	31887
										41998
DE2182	101587	FY00 FUEL HANDLING CORRECTIVE MAINTENANCE	1B1026	FA21	18200	BE10E	BWHC - Plant Engineers	1443.00	HRS	81053
			1B1026	FA21	18200	BE04E	BWHC - Electrical Engineers	2795.00	HRS	198054
										279107
DE2302	101587	FY00 DOCUMENT CONTROL & ADMINISTRATION	1B1026	AJ60	18200	97	Lockheed Martin Services, Inc.	250.00	$	319538
										319538
DE2312	101587	FY00 FUEL HANDLING STUDIES	1B1026	BA10	18200	BE04E	BWHC - Electrical Engineers	500.00	HRS	35430
										35430
										1204700

ACT ID	CACN	ACTIVITY DESCRIPTION	CAPN	BUDGET COA	PERF ORG	RES	RES DESCRIPTION	BUDGET QUANTITY	RES UNITS	BUDGET COST
STEVE HILLER										
SH174	101588	SWC - DETAILED DESIGN	1B1032	BA30	18200	BE07E	BWHC - Mechanical Engineers	2914.00	HRS	204650
			1B1032	BA30	18200	BE04E	BWHC - Electrical Engineers	1028.00	HRS	72844
			1B1032	BA30	18200	BE10E	BWHC - Plant Engineers	1055.00	HRS	59259
			1B1032	BA30	18800	BT02N	BWHC - Drafters	2440.00	HRS	142691
			1B1032	AF20	18200	21	PO Contracts	50.00	$	59560
			1B1032	AF20	18200	94	FD Northwest	70.00	$	85885
			1B1032	AF20	82700	NE07E	NHC - Mechanical Engineers	700.00	HRS	60361
			1B1032	AF20	18500	BP08E	BWHC - Health Physicists	120.00	HRS	7676
			1B1032	AF20	18200	BE08E	BWHC - Nuclear Engineers	240.00	HRS	16606
			1B1032	AF20	18400	BE11E	BWHC - Quality Control Enginee	120.00	HRS	7974
										717506
										717506

ACT ID	CACN	ACTIVITY DESCRIPTION	CAPN	BUDGET COA	PERF ORG	RES	RES DESCRIPTION	BUDGET QUANTITY	RES UNITS	BUDGET COST
GEORGE RUGE										
DE2020	101590	CLEM - SOFTWARE DESIGN & VERIFICATION	1B1027	BA30	18200	BE04E	BWHC - Electrical Engineers	968.00	HRS	68592
			1B1027	BA30	18200	BE07E	BWHC - Mechanical Engineers	120.00	HRS	8428
			1B1027	BA30	61800	BT02N	BWHC - Drafters	160.00	HRS	9357
			1B1027	BA30	18200	BM02E	BWHC - Managers & Executives	120.00	HRS	10043
			1B1027	BA30	18800	BE08E	BWHC - Nuclear Engineers	120.00	HRS	8303
			1B1027	BA30	18400	BE11E	BWHC - Quality Control Enginee	120.00	HRS	7974
										112696
DE2030	101590	CLEM - WORK PKG & PROCEDURE PREPARATION	1B1027	BA32	18200	BE07E	BWHC - Mechanical Engineers	110.00	HRS	7725
			1B1027	BA32	18200	BE04E	BWHC - Electrical Engineers	460.00	HRS	32596
										40321
DE2040	101590	CLEM - ACCEPTANCE TESTING	1B1027	BA50	18200	BE04E	BWHC - Electrical Engineers	600.00	HRS	42516
			1B1027	BA50	18200	BE07E	BWHC - Mechanical Engineers	200.00	HRS	14046
			1B1027	BA50	18200	BE10E	BWHC - Plant Engineers	100.00	HRS	5617
			1B1027	BA50	61800	BC02B	BWHC - Electricians	350.00	HRS	19156
			1B1027	BA50	61800	BT07B	BWHC - Instrument & Control Te	350.00	HRS	19191
			1B1027	AF20	18200	10	Material & Equipment	10.00	$	11912
										112437
DE2060	101590	CLEM - OPERATIONAL READINESS	1B1027	EA10	18200	BE04E	BWHC - Electrical Engineers	280.00	HRS	19841
			1B1027	EA10	18200	BE07E	BWHC - Mechanical Engineers	100.00	HRS	7023
			1B1027	EA10	18200	BT02N	BWHC - Drafters	200.00	HRS	11696
			1B1027	EA10	18200	BM02E	BWHC - Managers & Executives	100.00	HRS	8369
			1B1027	EA10	18400	BE11E	BWHC - Quality Control Enginee	80.00	HRS	5316
			1B1027	EA10	18800	BE08E	BWHC - Nuclear Engineers	80.00	HRS	5535
										57780
										323234

ACT ID	CACN	ACTIVITY DESCRIPTION	CAPN	BUDGET COA	PERF ORG	RES	RES DESCRIPTION	BUDGET QUANTITY	RES UNITS	BUDGET COST
STEVE HILLER										
SH012	101591	FY00 IRME GEN ADMIN & PROJECT MGMT	1B1028	A010	18220	BG04N	BWHC - Secretaries	1675.00	HRS	49714
			1B1028	AA30	18220	BM02E	BWHC - Managers & Executives	1755.00	HRS	146876
			1B1028	AA30	18200	10	Material & Equipment	10.00	$	11912
										208502
SH022	101591	FY00 IRME FACILITY TRAINING	1B1028	AH50	18220	BM02E	BWHC - Managers & Executives	55.00	HRS	4603
			1B1028	AH50	18220	BG04N	BWHC - Secretaries	50.00	HRS	1484
			1B1028	AH50	18200	BE07E	BWHC - Mechanical Engineers	280.00	HRS	19664
			1B1028	AH50	18220	BE13E	BWHC - Other Engineers	80.00	HRS	5558
			1B1028	AH50	18220	BT02N	BWHC - Drafters	8.00	HRS	468
			1B1028	AH50	18200	41	Training Services	12.00	$	14294
										46071
SH042	101591	FY00 IRME GENERAL ENGINEERING	1B1028	B000	18220	BG04N	BWHC - Secretaries	80.00	HRS	2374
			1B1028	B000	18220	BE13E	BWHC - Other Engineers	640.00	HRS	44461
			1B1028	B000	18220	BT02N	BWHC - Drafters	80.00	HRS	4678
			1B1028	B000	18200	BE07E	BWHC - Mechanical Engineers	2240.00	HRS	157315
			1B1028	B000	18200	93	Waste Management NW	11.00	$	13326
										222155
SH052	101591	FY00 IRME ENGINEERING STUDIES	1B1028	BA10	18200	BE07E	BWHC - Mechanical Engineers	2166.00	HRS	152118
			1B1028	BA10	18220	BE13E	BWHC - Other Engineers	722.00	HRS	50157
										202276
SH062	101591	FY00 IRME OPNS PROC.	1B1028	BC10	18200	BE07E	BWHC - Mechanical Engineers	414.00	HRS	29075
			1B1028	BC10	18220	BE13E	BWHC - Other Engineers	120.00	HRS	8336
										37412
SH082	101591	FY00 IRME CONFIGURATION MANAGEMENT	1B1028	BC30	18200	BE07E	BWHC - Mechanical Engineers	140.00	HRS	9832
			1B1028	BC30	18220	BE13E	BWHC - Other Engineers	40.00	HRS	2779
			1B1028	BC30	18220	BT02N	BWHC - Drafters	180.00	HRS	10526
										23137
SH092	101591	FY00 IRME SYSTEM DOCUMENTATION	1B1028	BC60	18200	BE07E	BWHC - Mechanical Engineers	840.00	HRS	58993
			1B1028	BC60	18220	BE13E	BWHC - Other Engineers	240.00	HRS	16673

ACT ID	CACN	ACTIVITY DESCRIPTION	CAPN	BUDGET COA	PERF ORG	RES	RES DESCRIPTION	BUDGET QUANTITY	RES UNITS	BUDGET COST
STEVE HILLER										
										75666
SH102	101591	FY00 IRME PIC	1B1028	BD00	18200	BE07E	BWHC - Mechanical Engineers	168.00	HRS	11799
			1B1028	BD00	18220	BE13E	BWHC - Other Engineers	48.00	HRS	3335
										15133
SH112	101591	FY00 IRME PMP/ICRS	1B1028	FA10	18200	BE07E	BWHC - Mechanical Engineers	508.00	HRS	35677
			1B1028	FA10	18220	BE13E	BWHC - Other Engineers	145.00	HRS	10073
										45750
SH122	101591	FY00 IRME CORRECTIVE MAINTENANCE	1B1028	FA20	18200	BE07E	BWHC - Mechanical Engineers	1365.00	HRS	95864
			1B1028	FA20	18220	BE13E	BWHC - Other Engineers	390.00	HRS	27093
										122957
										999059

ACT ID	CACN	ACTIVITY DESCRIPTION	CAPN	BUDGET COA	PERF ORG	RES	RES DESCRIPTION	BUDGET QUANTITY	RES UNITS	BUDGET COST
GEORGE RUGE										
DE2200	101592	SRS C1167 - SOFTWARE TESTS/PREPARE PROCEDURES	1B102B	BC10	18200	BE04E	BWHC - Electrical Engineers	204.00	HRS	14455
			1B102B	EA10	18200	BE04E	BWHC - Electrical Engineers	300.00	HRS	21258
										35713
DE2220	101592	SRS C1167 - CONSTRUCTION	1B102B	FA40	61800	BC02B	BWHC - Electricians	2412.00	HRS	132009
			1B102B	FA40	61800	BT07B	BWHC - Instrument & Control Te	620.00	HRS	33995
			1B102B	BD00	18200	BE04E	BWHC - Electrical Engineers	504.00	HRS	35713
			1B102B	FA40	61800	BC07B	BWHC - Painters	144.00	HRS	7304
			1B102B	AF40	18200	BT02N	BWHC - Drafters	200.00	HRS	11696
			1B102B	FA20	18200	10	Material & Equipment	10.00	$	11912
										232628
										268342

ACT ID	CACN	ACTIVITY DESCRIPTION	CAPN	BUDGET COA	PERF ORG	RES	RES DESCRIPTION	BUDGET QUANTITY	RES UNITS	BUDGET COST
RUSS HULVEY										
SB950	110245	EIS FFTF PLANT SUPPORT	1B1009	AA30	18200	BE01E	BWHC - Chemical Engineers	452.00	HRS	30578
			1B1009	AA30	18200	BE07E	BWHC - Mechanical Engineers	904.00	HRS	63488
			1B1009	AA30	18200	BE04E	BWHC - Electrical Engineers	904.00	HRS	64057
			1B1009	AA30	18400	BE11E	BWHC - Quality Control Enginee	904.00	HRS	60071
			1B1009	AA30	18800	BE08E	BWHC - Nuclear Engineers	904.00	HRS	62548
			1B1009	AA30	18300	BE13E	BWHC - Other Engineers	904.00	HRS	62801
			1B1009	AA30	41500	HM03E	FDH - Project & Program Mgrs	452.00	HRS	37796
			1B1009	AA30	18700	10	Material & Equipment	1.50	$	1787
										383126
										383126
										41812133

DISTRIBUTION SHEET

To	From	Page 1 of 1
DISTRIBUTION	STATION 22	Date
Project Title/Work Order		EDT No.
FFTF		ECN No. 652210

Name	MSIN	Text With All Attach.	Text Only	Attach./ Appendix Only	EDT/ECN Only
~~ANALYSIS & SUPPORT (OPS)~~	~~N2-57~~	~~(1)~~			
ANALYSIS & SUPPORT (EP)	N2-57	~~(1)~~			X
~~ANALYSIS & SUPPORT (MAINTENANCE)~~	~~N2-57~~	~~(1)~~			
~~FFTF SAFETY~~	~~N2-57~~	~~(1)~~			
~~400 AREA TRAINING~~	~~N2-40~~	~~(1)~~			
FFTF QA	N2-11	~~(1)~~			X
~~STATION 22 - GC PERKINS~~	~~N2-12~~	~~(1)~~			
TECHNICAL REFERENCE CENTER					
DOCUMENTS SD, OMM, SDD, FSAR, SPECS JCS/CI, JCS/PMS, SOFTWARE	N2-12	(1)			
~~DRAWINGS~~	~~N2-12~~	~~(2)~~			

R. A. Almquist	N2-36	(1)
D. A. Gantt	N2-13	(2)
R. K. Hulvey	N2-33	(1)
W. V. Witherspoon	N2-13	(2)
TPO Files	N2-13	(2)