

Evaluation Method for Determining Management Priorities for Special Case Waste

D. E. Kudera
C. E. Wickland

RECEIVED

AUG 22 1990

OSTI

August 1990

MASTER ^{EA}

DISTRIBUTION OF THIS DOCUMENT IS UNLIMITED

RB

DRAFT

EVALUATION METHOD FOR DETERMINING MANAGEMENT
PRIORITIES FOR SPECIAL CASE WASTE

D. E. Kudera
C. E. Wickland

Published August 1990

Idaho National Engineering Laboratory
EG&G Idaho, Inc.
Idaho Falls, Idaho 83415

Prepared for the
U.S. Department of Energy
Idaho Operation Office
Under DOE Contract No. DE-AC07-76ID01570

DISCLAIMER

This report was prepared as an account of work sponsored by an agency of the United States Government. Neither the United States Government nor any agency thereof, nor any of their employees, makes any warranty, express or implied, or assumes any legal liability or responsibility for the accuracy, completeness, or usefulness of any information, apparatus, product, or process disclosed, or represents that its use would not infringe privately owned rights. Reference herein to any specific commercial product, process, or service by trade name, trademark, manufacturer, or otherwise does not necessarily constitute or imply its endorsement, recommendation, or favoring by the United States Government or any agency thereof. The views and opinions of authors expressed herein do not necessarily state or reflect those of the United States Government or any agency thereof.

DISCLAIMER

**Portions of this document may be illegible
in electronic image products. Images are
produced from the best available original
document.**

CONTENTS

ACRONYMS	v
INTRODUCTION	1
DECISION TREE ANALYSIS	3
TREATMENT/STORAGE/DISPOSAL AT SITES HOLDING SPECIAL CASE WASTE	8
SPECIAL CASE WASTE DATA AND PRIORITY EVALUATION	13
OVERALL PRIORITY EVALUATION RANKING	28
RESULTS	32
CONCLUSIONS	33
APPENDIX A - SPECIAL CASE WASTE TREATMENT AND DISPOSAL STRATEGY DECISION TREE	A-1

TABLES

1. Hanford Waste management capabilities	8
2. Idaho National Engineering Laboratory waste management capabilities .	8
3. Los Alamos National Laboratory waste management capabilities	9
4. Lawrence Berkeley Laboratory waste management capabilities	9
5. Lawrence Livermore National Laboratory waste management capabilities	9
6. Mound Laboratory waste management capabilities	10
7. Nevada Test Site waste management capabilities	10
8. Oak Ridge Gaseous Diffusion Plant waste management capabilities . . .	10
9. Oak Ridge National Laboratory waste management capabilities	11
10. Oak Ridge Y-12 Plant waste management capabilities	11
11. Paducah Gaseous Diffusion Plant waste management capabilities . . .	11
12. Portsmouth Gaseous Diffusion Plant waste management capabilities . .	11
13. Rocky Flats Plant waste management capabilities	12

14. Sandia National Laboratory-Albuquerque waste management capabilities	12
15. Savannah River waste management capabilities	12
16A. Albuquerque special case waste information	14
16B. Albuquerque Field Office special case waste priority evaluation . .	14
17A. Chicago special case waste information	15
17B. Chicago Field Office special case waste priority evaluation	15
18A. Idaho special case waste information	16
18B. Idaho Field Office special case waste priority evaluation	16
19A. Naval Reactors special case waste information	17
19B. Naval Reactors special case waste priority evaluation	17
20A. Nevada special case waste information	18
20B. Nevada special case waste priority evaluation	18
21A. Oak Ridge special case waste information	19
21B. Oak Ridge Field Office special case waste priority evaluation . . .	20
22A. Richland special case waste information	21
22B. Richland Field Office special case waste priority evaluation . . .	22
23A. Rocky Flats special case waste information	23
23B. Rocky Flats special case waste priority evaluation	23
24A. San Francisco special case waste information	24
24B. San Francisco Field Office special case waste priority evaluation .	24
25A. Savannah River special case waste information	25
25B. Savannah River special case waste priority evaluation	25
26. SCW potential resolution key	29
27. Highest ranked SCW items for continued storage (all field offices) .	30
28. Highest ranked SCW items for implementing treatment (all field offices)	31

ACRONYMS

CCSA	Continued Current Storage Activities
CH	Contact Handled
CIF	Consolidated Incineration Facility
DOE	U.S. Department of Energy
DP	Defense Programs
DRS	Data Record Sheet
DTA	Decision Tree Analysis
DWPF	Defense Waste Processing Facility
DWTF	Defense Waste Treatment Facility
EDL	Economic Discard Limit
EU	Enriched Uranium
FMPC	Feed Material Production Center
GCD	Greater Confinement Disposal
HAZ	Hazardous
HLW	High Level Waste
HQ	Headquarters
IBAT	Implementation of the Best Available Treatment
LAMPRE	Los Alamos Molten Plutonium Reactor Experiment
LANL	Los Alamos National Laboratory
LBL	Lawrence Berkeley Laboratory
LLMW	Low-Level Mixed Waste
LLNL	Lawrence Livermore National Laboratory
LLW	Low-Level Waste
MAP	Mixed Activation Products
MFP	Mixed Fission Products
MPPF	Multi-Purpose Processing Facility
MW	Mixed Waste
PA	Performance Assessment
PAL	Performance Assessment Limiting
PCP	Payload Compliance Plan
PE	Priority Evaluation
PR	Priority Rating
RCRA	Resource Conservation and Recovery Act
RH	Remote Handled
SCW	Special Case Waste
SLB	Shallow Land Burial
SPAR	Specific Performance Assessment Required
SWEPP	Stored Waste Examination Pilot Plant
TRU	Transuranic
TRUPACT	Transuranic Package Transporter
TSCA	Toxic Substances Control Act
TSP	Radioactive Waste Technical Support Program
TWF	Transuranic Waste Facility
WAC	Waste Acceptance Criteria
WG	Weapons Grade
WIPP	Waste Isolation Pilot Plant
WRAP	Waste Receiving and Packaging Facility

DRAFT

EVALUATION METHOD FOR DETERMINING MANAGEMENT
PRIORITIES FOR SPECIAL CASE WASTE

INTRODUCTION

The U.S. Department of Energy (DOE) Radioactive Waste Technical Support Program (TSP) began the Special Case Waste (SCW) Inventory and Characterization Project in April 1989. The collection of data has been completed and a final draft report, Department of Energy Special Case Radioactive Waste Inventory and Characterization Data Report (DOE/LLW-96), was submitted in May 1990. A second final draft report, Supplemental Data Report to the Department of Energy Special Case Radioactive Waste Inventory and Characterization Data Report (DOE/LLW-95), containing additional and more detailed data and graphical presentations, was completed in July 1990. These two reports contain details on the special case waste categories and summaries of the total volumes and curies associated with each category of waste. It is anticipated that some version or combination of these two reports will be included in the final version of this report, which will describe an evaluation method for determining management priorities for special case waste. Preliminary analysis of the inventory data indicates that approximately 1,000,000 m³ of special case waste exist in the DOE system with possible insufficient treatment/storage/disposal capability or capacity. To help DOE prioritize the actions required to manage this large volume of special case waste, an evaluation method is required.

The purpose of this report is to describe a decisionmaking process for managing special case waste. This process is developed from a risk, needs, and cost based evaluation that results in a numerical rating for each waste item for continuing storage or implementing treatment. The priority evaluation described in this report will enable DOE to reach informed decisions about whether to act to implement the best available treatment or delay action and continue current storage activities.

There are two basic activities that must be performed to accomplish this task. The first activity is to apply a Decision Tree Analysis (DTA) to identify special case waste that warrants further evaluation. The second activity is to perform a Priority Evaluation (PE) on those wastes identified in the Decision Tree Analysis as being a continuing problem. Problem wastes consist of wastes with limited or no planned disposal alternatives; therefore, they require treatment or some other action. A waste is considered a problem for the following reasons:

- Risk or perceived risk to workers, public or the environment
- Lack of treatment availability
- Cost to develop treatment technology
- Failure to meet regulatory requirements
- Lack of disposal facilities.

A priority evaluation is needed to identify special case waste that warrants a higher priority for implementing action. The priority evaluation uses six parameters to numerically prioritize the possible actions for special case waste. The priority evaluation will enable DOE to make the most effective and efficient decisions regarding which special case wastes require immediate action and which can continue to be safely stored. These decisions are based on risk, needs, and cost. Summary tables in this report present a ranking of the priority evaluations and show the special case waste items that could continue to be stored and the special case waste items that should receive the best available treatment.

DECISION TREE ANALYSIS

A Decision Tree Analysis is performed for most Data Record Sheets (DRSs) submitted for the DOE special case waste project. No Decision Tree Analysis, priority evaluation, or potential resolution will be performed for loan/lease materials (DOE-titled, but held by NRC licensees) and sealed sources (encapsulated material whose main purpose is to generate known amounts of radiation). These categories involve over 6,000 items with similar management problems. A potential resolution for loan/lease material and sealed sources can be arrived at without doing an individual priority evaluation for each item. The potential resolutions for these special case waste categories are not part of this report. All other data record sheets for the other special case waste categories have been evaluated in this report.

The Special Case Waste Treatment and Disposal Strategy Decision Tree, in Appendix A, graphically presents the logical steps in the Decision Tree Analysis determination of the waste management methods that must be applied to obtain final disposal of the special case waste. Problem wastes, designated B, are identified at various locations on the flow chart. These wastes require a priority evaluation and result from the following types of problems and potential resolutions:

<u>Problem Description</u>	<u>Resolution</u>
Not transportable for offsite disposal	Onsite treatment
No treatment available (on- or offsite)	Develop treatment method
Not transportable for offsite treatment	Onsite treatment
Offsite treatment still leaves problems	Better planning
No disposal site	Develop disposal capability

In addition to identifying problem wastes, the decision tree also identifies two actions required for some special case waste: characterization and onsite treatment. Waste that must be characterized or treated onsite also requires a priority evaluation. The characterization methods, including sampling of the waste, must be done onsite; otherwise, it cannot be determined if the uncharacterized waste will meet the transportation criteria. If immediate onsite treatment of the waste is available to render it a nonspecial

case, the waste is probably not a special case waste. However, future onsite treatment facilities may only be planned; therefore, continued storage of the special case waste is required.

Review of this Decision Tree Analysis shows that each site that has problem waste must have onsite facilities to characterize and treat that waste. In some cases the treatment may be simply repackaging to meet transportation criteria for offsite shipment for disposal or further treatment. However, it must be ensured that any offsite treatment will result in eventual disposal of the waste.

PRIORITY EVALUATION

Based on the Decision Tree Analysis all special case waste that requires treatment will receive a priority evaluation. An outline for performing the priority evaluation is shown in Figure 1.

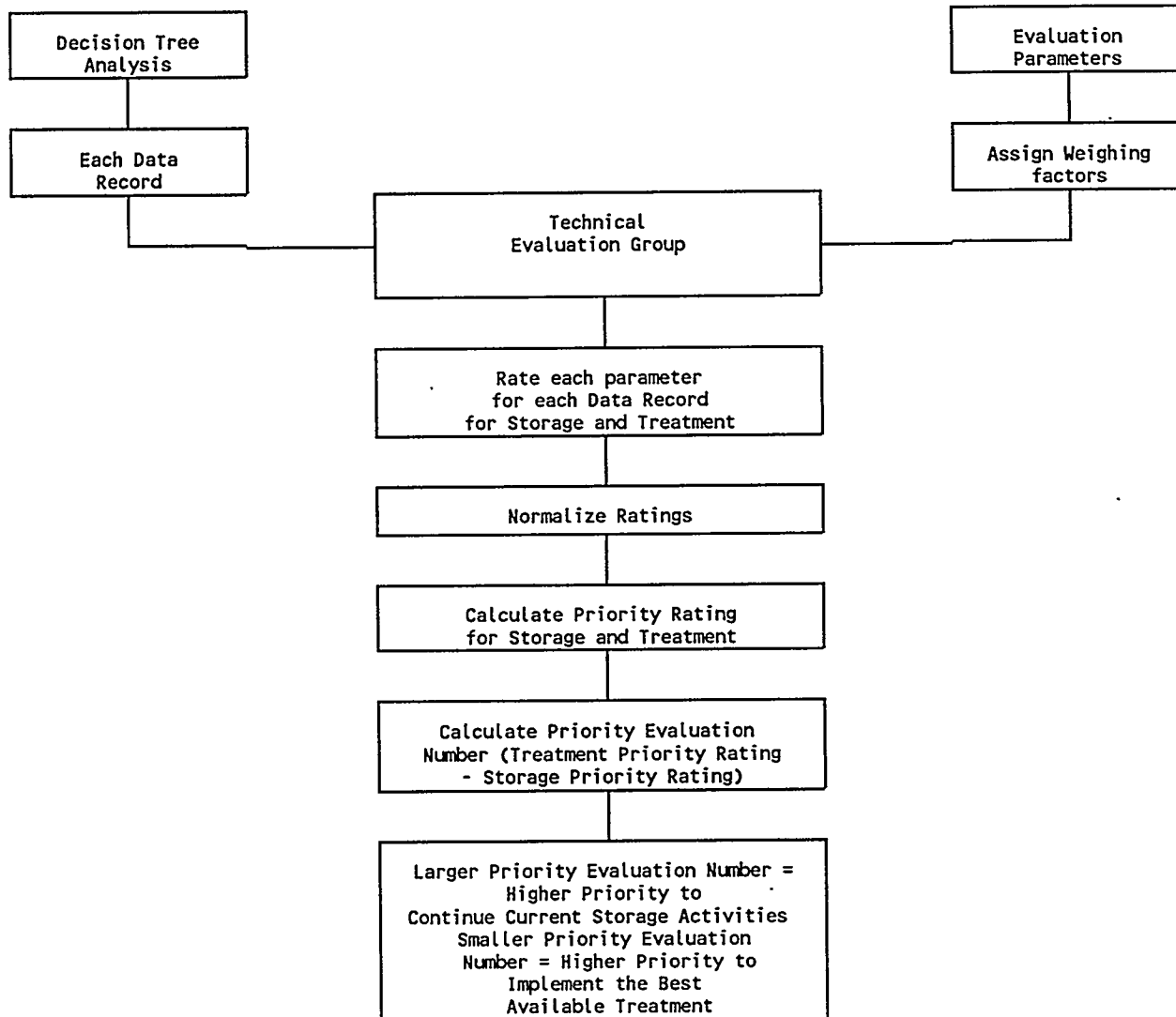


Figure 1. Guideline for priority evaluation of special case waste for management decisions.

The priority evaluation provides a method for DOE to make the most effective and reasonable decision regarding which special case wastes require immediate action and which can continue to be stored safely.

For this report, the priority evaluation is performed by the TSP. However, improvement to the priority evaluation may be achieved by a technical evaluation group of recognized experts from the various field offices in the DOE complex. These individuals should be site representatives that are acknowledged experts in treatment, storage, and disposal capabilities. Individual evaluations could then be collected and normalized by personnel designated by DOE-Headquarters.

Six parameters are evaluated for each priority evaluation: (1) estimated risk (environmental and health), (2) perceived risk (institutional and public), (3) regulatory requirements, (4) availability of storage or treatment, (5) feasibility of storage or treatment, and (6) estimated cost. These parameters are weighted by relative importance. The most important is rated 10, and the least important could be rated as low as 1. The weighting factors applied to these parameters must be given careful consideration because they greatly influence the final result. Suggested weighting factors that are used in this evaluation are as follows:

- Environmental/health estimated risk - 10
- Institutional/public perceived risk - 5
- Regulatory compliance - 9
- Availability of storage/treatment - 8
- Feasibility of storage/treatment - 8
- Estimated cost - 7

The evaluation is performed for continuing storage activities and for implementing the best available treatment to convert the special case waste to a non-special case waste. The evaluation consists of rating the risk, needs and cost of continuing storage and implementing treatment for each special case waste item. Rating guidance for continuing storage and implementing treatment is as follows:

- Estimated risk (environmental and health)
 - Low risk - 1
 - Medium risk - 5
 - High risk - 10
- Perceived risk (institutional and public)
 - Low - 1
 - Medium - 5
 - High - 10
- Regulatory compliance
 - High compliance, minimal regulatory concerns (OK) - 1
 - Unknown compliance, hazardous constituents unknown (?) - 5
 - High noncompliance, violation of agreements (problem) - 10

- Availability
 - Yes - 1
 - No - 10
- Feasibility
 - No problem (OK) - 1
 - Unknown (?) - 5
 - Space or capability/capacity problem - 10
- Estimated cost
 - Low - 1
 - Medium - 5
 - High - 10.

Multiplication of the rating by the weighting factor for each parameter and then summing the numbers for each parameter yields a numerical expression of the overall problem, which is called the priority rating (PR). A priority rating is calculated in this manner for continued storage and implementing treatment for each special case waste item.

The priority evaluation is then determined by subtracting the priority rating for storage from the priority rating for treatment for each data record sheet. The difference is the priority evaluation, which can be a positive or negative number. The larger the priority evaluation number, the higher the priority to continue current storage activities. The smaller the priority evaluation number, the higher the priority to act to implement the best available treatment. However, continued storage is not the final solution because the environmental and health risk will increase over time, and the storage capacity may be limited. Some form of treatment will eventually be required for most of the special case wastes that require a priority evaluation because permanent disposal is the ultimate goal.

The Decision Tree Analysis/priority evaluation process will direct which special case wastes warrant immediate treatment. Because this is strictly a tool to aid in decisionmaking, other overriding considerations may influence any final decisions.

TREATMENT/STORAGE/DISPOSAL AT SITES HOLDING SPECIAL CASE WASTE

To perform a priority evaluation, one must be informed of the treatment, storage, and disposal capabilities and limitations of each site. A preliminary evaluation of these capabilities and limitations was made by reviewing the 1989 site Waste Management Implementation Plans. The pertinent information obtained from this review is listed in Tables 1 through 15. This information was used as an aid to decide how much of a problem continued storage or treatment of the special case waste might be. Changes to this information may influence the results of the priority evaluation. This information should be updated before any future priority evaluations are conducted.

Some information that may influence the priority evaluation, such as treatment capacity, was not always available. To conduct a more accurate priority evaluation, the evaluation must be redone using recognized experts from the various field offices in the DOE complex to provide a consensus evaluation.

Table 1. Hanford Waste management capabilities

	High-Level Waste	Transuranic Waste	Low-Level Waste	Mixed Waste
TREATMENT	Vitrification (99)	Vitrification (99) Segregation (96) Repackaging (96) (WRAP-96 & 99) ^a	Cementation (WRAP-96 & 99)	None WRAP
STORAGE	Water Basin Storage Tanks	Temporary (25 year)	Temporary (25 year)	Temporary
DISPOSAL	None	None	Shallow Land Burial Concrete Vaults	None

a. WRAP = Waste Receiving and Packaging Facility

Table 2. Idaho National Engineering Laboratory waste management capabilities

	High-Level Waste	Transuranic Waste	Low-Level Waste	Mixed Waste
TREATMENT	Solidification Evaporation	Shredding (93) Compaction (93) Repackaging (93) Incineration (92)	Incineration Compaction Metal Sizing	None
STORAGE	Underground Tanks Concrete Vaults Water Pools Dry Casks	Covered Pads Buildings	Not Applicable	Covered Pads Buildings
DISPOSAL	None	None	SLB	None

Table 3. Los Alamos National Laboratory waste management capabilities

	High-Level Waste	Transuranic Waste	Low-Level Waste	Mixed Waste
TREATMENT	Incineration	Precipitation Ion Exchange Size Reduction Incineration Repackaging	Incineration (91) Compaction Precipitation Ion Exchange	Incineration
STORAGE	Modified Shafts	Asphalt Pads Modified Pits Concrete Casks	Not Applicable	Earthen Bermed Areas Resource Conservation and Recovery Act Storage Pads (91)
DISPOSAL	None	None	Large Pits Greater Confinement Disposal Augered Shafts	Resource Conservation and Recover Act Landfill (92)

Table 4. Lawrence Berkeley Laboratory waste management capabilities

	High-Level Waste	Transuranic Waste	Low-Level Waste	Mixed Waste
TREATMENT	None	Evaporation	Crushing Compaction Precipitation Solidification Segregation	Compaction
STORAGE	None	Temporary	Temporary	Temporary
DISPOSAL	None	None	None	None

Table 5. Lawrence Livermore National Laboratory waste management capabilities

	HLW	Transuranic Waste	Low-Level Waste	Mixed Waste
TREATMENT	None	Solidification Size Reduction	Radioactive and Hazardous Waste Treatment Facility	Radioactive and Hazardous Waste Treatment Facility
STORAGE	None	Temporary	Temporary	Temporary
DISPOSAL	None	None	None	None

Table 6. Mound Laboratory waste management capabilities

	High-Level Waste	Transuranic Waste	Low-Level Waste	Mixed Waste
TREATMENT	None	Neutralization	Shredding Solidification Compaction Incineration Glass Melting	None
STORAGE	None	Temporary	Temporary	Temporary
DISPOSAL	None	None	None	None

Table 7. Nevada Test Site waste management capabilities

	High-Level Waste	Transuranic Waste	Low-Level Waste	Mixed Waste
TREATMENT	None	None	Solar Evaporation Solidification Compaction	None
STORAGE	None	Temporary	Not Applicable	Temporary
DISPOSAL	None	None	Greater Confinement Disposal Shallow Land Burial Classified	Interim Status

Table 8. Oak Ridge Gaseous Diffusion Plant waste management capabilities

	High-Level Waste	Transuranic Waste	Low-Level Waste	Mixed Waste
TREATMENT	None	None	Compaction Incineration Cementation Solidification Shredding Precipitation	Toxic Substances Control Act Incineration
STORAGE	None	None	Temporary	Low-Level Mixed Waste Storage Tanks
DISPOSAL	None	None	None	None

Table 9. Oak Ridge National Laboratory waste management capabilities

	High-Level Waste	Transuranic Waste	Low-Level Waste	Mixed Waste
TREATMENT	None	Compaction Shredding Size Reduction	Compaction Cementation	None
STORAGE	None	Temporary	Temporary	Temporary (Submitted Part B)
DISPOSAL	None	None	Greater Confinement Disposal Above Grade Tumulus	None

Table 10. Oak Ridge Y-12 Plant waste management capabilities

	High-Level Waste	Transuranic Waste	Low-Level Waste	Mixed Waste
TREATMENT	None	None	Production Waste Treatment Facility (93) Compaction Supercompaction	Production Waste Treatment Facility (93)
STORAGE	None	None	Classified Concrete Vaults	Classified Concrete Vaults
DISPOSAL	None	None	Shallow Land Burial	None

Table 11. Paducah Gaseous Diffusion Plant waste management capabilities

	High-Level Waste	Transuranic Waste	Low-Level Waste	Mixed Waste
TREATMENT	None	Cementation	Precipitation	None
STORAGE	None	Temporary	Temporary Storage Tanks	Temporary
DISPOSAL	None	None	None	None

Table 12. Portsmouth Gaseous Diffusion Plant waste management capabilities

	High-Level Waste	Transuranic Waste	Low-Level Waste	Mixed Waste
TREATMENT	None	None	None	None
STORAGE	None	Temporary	Temporary	None
DISPOSAL	None	None	Shallow Land Burial until 1990 New Facilities (96)	None

Table 13. Rocky Flats Plant waste management capabilities

	High-Level Waste	Transuranic Waste	Low-Level Waste	Mixed Waste
TREATMENT	None	Size Reduction Compaction Precipitation Immobilization Solidification Supercompaction Microwave Melting	Compaction Immobilization Cementation	None
STORAGE	None	Temporary	None	Temporary
DISPOSAL	None	None	None	None

Table 14. Sandia National Laboratory-Albuquerque waste management capabilities

	High-Level Waste	Transuranic Waste	Low-Level Waste	Mixed Waste
TREATMENT	None	None	Compaction Solidification	Compaction Solidification
STORAGE	None	None	Temporary	Temporary
DISPOSAL	None	None	None	None

Table 15. Savannah River waste management capabilities

	High-Level Waste	Transuranic Waste	Low-Level Waste	Mixed Waste
TREATMENT	Evaporation Filtration Borosilicate Glass Defense Waste Processing Facility (92)	Transuranic Waste Facility (90)	Compaction Filtration Organic Removal Reverse Osmosis Ion Exchange Incineration	Consolidated Incineration Facility (92)
STORAGE	Storage Tanks Canister Storage	Temporary	Not Applicable	Waste Processing Tank Buildings
DISPOSAL	None	None	Shallow Land Burial Greater Confinement Disposal	Hazardous/Mixed Waste Disposal Facility (91)

SPECIAL CASE WASTE DATA AND PRIORITY EVALUATIONS

The special case waste data and priority evaluations for each field office are shown in Tables 16 through 25. The tables have been split into parts A and B. Part A of a Table gives details on the special case waste material and Part B includes the data on the priority evaluation. The priority evaluations were performed assuming that all mixed waste is a regulatory problem for storage. A few comments on each of the field office tables follow.

Albuquerque - Some large diameter metal spheres containing plutonium need to be size reduced and packaged for shipment to the Waste Isolation Pilot Plant (WIPP). The walls are 2 or more inches thick and no facility is available at Los Alamos National Laboratory (LANL) for this work. LANL also has a Los Alamos Molten Plutonium Reactor Experiment reactor core, encased in concrete, that needs a final disposal facility identified. There is also some enriched uranium in various forms at LANL that should be sent to a recovery facility. A disposal method must be determined for some absorbed tritiated octane at Mound Laboratory.

Chicago - A disposal facility, somewhere in the DOE complex, for some nondefense transuranic (TRU) waste is needed. Performance assessments are needed to determine a disposal method and location for some other waste.

Idaho - A treatment facility for noncertifiable defense TRU waste is planned. A disposal facility for nondefense TRU waste and spent fuel is needed, and performance assessments are needed to determine a disposal method and location for some other waste.

Naval Reactors - Some characterization work is required to determine the extent of some of their problems. They are waiting for approval of a planned solidification facility for immobilization of some of their special case waste.

TABLE 16A ALBUQUERQUE SPECIAL CASE WASTE (SCW) INFORMATION

ALBUQUERQUE DETAILED SCW INFORMATION						CONTAINER TYPE
SCW ID CODE #	POSSESSOR LOCATION	SCW CATEGORY	TITLE	STATUS	PROBLEM	
AL-EG21086-E1-100434	AL	PAL	DOE-DP	STORED	N-3	30 GALLON DRUM OVERPACKED IN 55 GAL DRUM
AL-EG21086-E1-100435	AL	NC DP TRU	DOE-DP	STORED	WAC	17C 55-GAL DRUM WITH 90 MIL HOPE LINERS
AL-EG21086-E1-100436	AL	NC DP TRU	DOE-DP	STORED	WAC	STEEL BOXES (BOLTED)
AL-EG21086-E1-100437	AL	OTHER WASTE	DOE-DP	STORED	UNCH	NOT ALL PACKAGED
AL-EG21086-E1-100438	AL	NC DP TRU	DOE-DP	STORED	WAC	4 EACH 6" DIA METAL SPHERES
AL-LAN1031-E1-100116	AL	NC DP TRU	DOE-DP	STORED	SIZE	5 EACH 6" DIA METAL SPHERES
AL-LAN1031-E1-100117	AL	EXCESS	DOE-DP	STORED	>EDL	7 EACH 6" DIA METAL SPHERES
AL-LAN1031-E1-100118	AL	EXCESS	DOE-DP	STORED	HELD FOR DISPOSITION	1 EACH 6" DIA METAL SPHERE
AL-LAN1031-E1-100119	AL	EXCESS	DOE-DP	STORED	HELD FOR DISPOSITION	FILTERS IN AT LEAST (1) PLASTIC BAG & IN A CARDBOARD BOX
AL-LAN1032-E1-100120	AL	EXCESS	DOE-DP	STORED	>EDL	2 LITER POLY BOTTLES
AL-LAN1033-E1-100121	AL	EXCESS	DOE-DP	STORED	>EDL	VARIOUS
AL-LAN1034-E1-100122	AL	EXCESS	DOE-DP	STORED	>EDL	SMALL, ODD-SIZED, PAINT-TYPE CANS
AL-LAN1035-E1-100123	AL	NON DP GEN TRU	DOE-NE	STORED	NON-DP	METAL PIPE CASK, ENCASED IN CONCRETE
AL-LAN1036-E1-100124	AL	NC DP TRU	DOE-DP	STORED	SIZE	CRATES MADE OF 2X4 WOOD FRAMING, PLYWOOD, ETC.
AL-LAN1037-E1-100125	AL	NC DP TRU	DOE-DP	STORED	SIZE	METAL PIPE "CASK" ENCASED IN CONCRETE
AL-LAN1038-E1-100126	AL	EXCESS	DOE-DP	STORED	>EDL	2-LITER POLY BOTTLES
AL-LAN1039-E1-100127	AL	EXCESS	DOE-DP	STORED	>EDL	2 LITER POLY BOTTLES
AL-LAN1039-E1-100133	AL	OTHER MATL	DOE-NE	STORED	SPLIT FUEL	5-9/16" DIA, 304L, WELDED STAINLESS STEEL TUBE WITH 1-1/2" LONG BAIL
AL-LAN1040-E1-100128	AL	EXCESS	DOE-DP	STORED	>EDL	UF GAS CYLINDERS
AL-LAN1042-E1-100130	AL	EXCESS	DOE-DP	STORED	>EDL	GAS CYLINDERS
AL-LAN1042-E1-100131	AL	EXCESS	DOE-DP	STORED	>EDL	

Table 16B ALBUQUERQUE FIELD OFFICE SPECIAL CASE WASTE (SCW) PRIORITY EVALUATION

PRIORITY EVALUATION										
CONTINUE CURRENT STORAGE ACTIVITIES (CCSA)										
SCW ID CODE #	ESTIMATED RISK 10		PERCEIVED RISK 5		REGULATORY REQUIREMENTS 9	STORAGE		ESTIMATED COST 7	PRIORITY RATING	ENV
	ENVIRONMENTAL	HEALTH	INSTITUTIONAL	PUBLIC		AVAILABILITY 8	FEASIBILITY 8			
AL-EG21086-E1-100434	LOW 1	LOW 1	LOW 1	LOW 1	OK 5	YES 1	OK 1	LOW 1	83	
AL-EG21086-E1-100435	LOW 1	LOW 1	LOW 1	LOW 1	OK 1	YES 1	OK 1	LOW 1	47	
AL-EG21086-E1-100436	LOW 1	LOW 1	LOW 1	LOW 1	OK 1	YES 1	OK 1	LOW 1	47	
AL-EG21086-E1-100437	LOW 1	LOW 1	LOW 1	LOW 1	OK 5	YES 1	OK 1	LOW 1	83	
AL-EG21086-E1-100438	LOW 1	LOW 1	LOW 1	LOW 1	OK 1	YES 1	OK 1	LOW 1	47	
AL-LAN1031-E1-100116	LOW 1	LOW 1	LOW 1	LOW 1	OK 1	YES 1	OK 1	LOW 1	47	
AL-LAN1031-E1-100117	LOW 1	LOW 1	LOW 1	LOW 1	OK 1	YES 1	OK 1	LOW 1	47	
AL-LAN1031-E1-100118	LOW 1	LOW 1	LOW 1	LOW 1	OK 1	YES 1	OK 1	LOW 1	47	
AL-LAN1031-E1-100119	LOW 1	LOW 1	LOW 1	LOW 1	OK 1	YES 1	OK 1	LOW 1	67	
AL-LAN1032-E1-100120	LOW 1	LOW 5	LOW 1	LOW 1	PROBLEM 10	YES 1	OK 1	LOW 1	128	
AL-LAN1033-E1-100121	LOW 1	LOW 1	LOW 1	LOW 1	7 5	YES 1	OK 1	LOW 1	83	
AL-LAN1034-E1-100122	LOW 1	LOW 1	LOW 1	LOW 1	7 5	YES 1	OK 1	LOW 1	83	
AL-LAN1035-E1-100123	LOW 1	LOW 1	LOW 1	LOW 1	7 5	YES 1	OK 1	LOW 1	83	
AL-LAN1036-E1-100124	LOW 1	LOW 1	LOW 1	LOW 1	PROBLEM 10	YES 1	OK 1	LOW 1	128	
AL-LAN1037-E1-100125	LOW 1	LOW 1	LOW 1	LOW 1	OK 5	YES 1	OK 1	LOW 1	83	
AL-LAN1038-E1-100126	LOW 1	LOW 1	LOW 1	LOW 1	OK 5	YES 1	OK 1	LOW 1	83	
AL-LAN1039-E1-100127	LOW 1	LOW 1	LOW 1	LOW 1	OK 5	YES 1	OK 1	LOW 1	83	
AL-LAN1039-E1-100133	LOW 1	LOW 1	LOW 1	LOW 1	OK 1	YES 1	OK 1	LOW 1	47	
AL-LAN1040-E1-100128	LOW 1	LOW 1	LOW 1	LOW 1	OK 5	YES 1	OK 1	LOW 1	83	
AL-LAN1042-E1-100130	LOW 1	LOW 1	LOW 1	LOW 1	OK 5	YES 1	OK 1	LOW 1	83	
AL-LAN1042-E1-100131	LOW 1	LOW 1	LOW 1	LOW 1	OK 5	YES 1	OK 1	LOW 1	83	

HANDLING METHOD	NUMBER OF CONTAINERS	TOTAL VOL. (m ³)	FORM DESCRIPTION	TOTAL WGT. (kg)	TOTAL CI	AVE CI PER CONTAINER	TOTAL WATTS	AVE WATTS PER CONTAINER	MIXED WASTE
CH	2	0.518	OCTANE ABSORBED ON VERNICULITE IN POLY BOTTLES IN 30 GAL DRUM	181	8.200E+03	4100.0	8.999E-01	0.450	YES
CH	90	23.3	SOLIDIFIED SLUDGE, INLINE COMBUSTIBLE & NONCOMBUSTIBLE WASTE	16300	1.463E+01	0.2	4.590E-01	0.005	NO
CH	70	2.6	SOLIDIFIED SLUDGE, INLINE COMBUSTIBLE & NONCOMBUSTIBLE WASTE	159000	1.463E+01	0.2	4.590E-01	0.007	NO
CH	75	19.4				0.0	0.000	0.000	UNKNOWN
RH	28	0.00476		31900	1.900E+01	0.7	5.503E-01	0.020	NO
CH	4	12.8		39900	2.650E-01	0.1	7.800E-03	0.002	NO
CH	5	16		14800	3.120E-01	0.1	9.177E-03	0.002	NO
CH	7	22.4		2100	2.250E+03	321.4	1.169E+01	1.670	NO
CH	1	0.919		270	5.147E+02	514.7	3.076E+00	3.076	NO
CH	27	2.29	FILTERS CONTAMINATED WITH U235	13	4.000E-03	0.0	1.141E-04	0.000	NO
CH	10	0.32	BE CONTAMINATED URANIUM OXIDE	90.7	3.000E-03	0.0	4.460E+00	0.446	YES
CH	4	0.4		24.1	1.000E+01	2.5	2.902E-01	0.073	UNKNOWN
CH	37	0.074		7260	2.900E-02	0.0	1.000E-03	0.000	UNKNOWN
RH	1	2.1	LANPHE REACTOR CORE	14100	4.230E+01	42.3	8.800E-01	0.880	UNKNOWN
CH	7	2.0	GLOVEBOX SECTIONS, SOME LARGE EQUIP ITEMS	4550	1.349E+02	19.3	1.661E+00	0.643	YES
RH	12	11.8	COMBUSTIBLE OR NONCOMBUSTIBLE HOT CELL WASTES IN METAL CANS	26.8	1.484E+03	123.6	4.492E+00	0.138	UNKNOWN
CH	1	0.002	BE CONTAMINATED URANIUM OXIDE	2.3	8.400E-05	0.0	2.206E-06	0.000	UNKNOWN
CH	1	0.002	BE CONTAMINATED URANIUM OXIDE	567	8.400E-05	0.0	2.206E-06	0.000	UNKNOWN
CH	10	0.157	MIXED U/PU OXIDE, NITRIDE & CARBIDE FUEL PELLETS	8.34	4.361E+02	43.6	1.340E+01	1.349	NO
CH	4			0.371	7.000E-03	0.0	1.919E-04	0.000	UNKNOWN
CH	7		GASEOUS UF6 IN CYLINDERS	0.371	1.000E-03	0.0	1.450E-05	0.000	UNKNOWN
TOTAL	405	540.2		291093.6	1.312E+04	32.4			

IMPLEMENTATION OF THE BEST AVAILABLE TREATMENT TECHNOLOGY (BAT)												
ESTIMATED RISK		PERCEIVED RISK			TREATMENT			ESTIMATED COST	PRIORITY RATING	PRIORITY EVALUATION	POTENTIAL RESOLUTION	
ENVIRONMENTAL	HEALTH	INSTITUTIONAL	PUBLIC	REGULATORY REQUIREMENTS	AVAILABILITY	FEASIBILITY						
LOW	1	LOW	1	LOW	1	OK	1	LOW	1	47	-36	PERFORM PA TO DETERMINE DISPOSAL METHOD (TRITIUM)
LOW	1	MED	5	LOW	1	YES	1	LOW	1	67	20	REPACKAGE TO MEET WIPP VAC
LOW	1	MED	5	LOW	1	YES	1	LOW	1	67	20	REPACKAGE TO FIT INTO TRUPACT II
LOW	1	MED	5	LOW	1	OK	1	MED	5	127	44	CHARACTERIZE WASTE TO DETERMINE DISPOSAL REQUIREMENTS
LOW	1	MED	5	LOW	1	OK	1	MED	5	127	80	REPACKAGE AND SHIP TO WIPP (EXCESS HTL)
LOW	1	MED	5	LOW	1	OK	1	MED	5	202	155	NEED NEW FACILITY TO PROCESS WASTE
LOW	1	MED	5	LOW	1	OK	1	HIGH	10	202	155	NEED NEW FACILITY TO PROCESS WASTE
LOW	1	MED	5	LOW	1	OK	1	HIGH	10	202	155	NEED NEW FACILITY TO PROCESS WASTE
LOW	1	MED	5	LOW	1	OK	1	HIGH	10	202	155	NEED NEW FACILITY TO PROCESS WASTE
LOW	1	MED	5	LOW	1	OK	1	HIGH	10	202	155	NEED NEW FACILITY TO PROCESS WASTE
LOW	1	LOW	1	LOW	1	OK	1	MED	5	147	80	PACKAGE AND SHIP TO TREATMENT FACILITY (93% U-235)
LOW	1	LOW	1	LOW	1	OK	1	MED	5	147	19	PACKAGE AND SHIP TO TREATMENT FACILITY (93% U-235)
LOW	1	LOW	1	LOW	1	OK	1	MED	5	167	84	PACKAGE AND SHIP TO TREATMENT FACILITY (U-233)
LOW	1	LOW	1	LOW	1	OK	1	MED	5	147	64	PACKAGE AND SHIP TO TREATMENT FACILITY (93% U-235)
LOW	1	LOW	1	LOW	1	OK	1	LOW	1	47	-36	NEED TO IDENTIFY A DISPOSAL FACILITY (LARGE RH TRU REACTOR VESSEL)
LOW	1	LOW	1	LOW	1	OK	1	HIGH	10	283	155	NEED NEW FACILITY TO PROCESS MATERIAL
LOW	1	MED	5	LOW	1	PROBLEM	10	HIGH	10	270	187	NOT CLEAR, ASSUME SIZE REDUCTION, SHIP TO WIPP
LOW	1	MED	5	LOW	1	?	5	HIGH	10	119	36	PACKAGE AND SHIP TO TREATMENT FACILITY (U-235)
LOW	1	LOW	1	LOW	1	OK	1	LOW	1	119	36	PACKAGE AND SHIP TO TREATMENT FACILITY (U-235)
LOW	1	LOW	1	LOW	1	OK	1	LOW	1	119	36	PACKAGE AND SHIP TO TREATMENT FACILITY (U-235)
LOW	1	LOW	1	LOW	1	OK	1	HIGH	10	246.5	199.5	NEED NEW DISPOSAL FACILITY OR SEND TO YUCCA MTN
LOW	1	LOW	1	LOW	1	OK	1	LOW	1	119	36	PACKAGE AND SHIP TO TREATMENT FACILITY (U-235)
LOW	1	LOW	1	LOW	1	OK	1	LOW	1	119	36	PACKAGE AND SHIP TO TREATMENT FACILITY (93% U-235)

TABLE 17A CHICAGO SPECIAL CASE WASTE (SCW) INFORMATION

CHICAGO DETAILED SCW INFORMATION							CONTAINER TYPE	HANDLING METHOD
SCW ID CODE #	POSSESSOR LOCATION	SCW CATEGORY	TITLE	STATUS	PROBLEM			
CH-ARG1090-E1-100442	CH	NC DP TRU	DOE-DP	STORED	TRANSF		DOE 17H 30 GALLON DRUM	RH
CH-ARG1097-E1-100417	CH	SPAR	DOE-NE	STORED	U235,238,MAP,MFP,TRU		HFEF-5 WASTE CAN (NEW-STYLE)	CH
CH-ARG1097-E1-100418	CH	SPAR	DOE-NE	STORED			HFEF-5 WASTE CAN (OLD STYLE)	CH
CH-ARG1097-E1-100419	CH	PAL	DOE-DP	STORED	SR-90 & CS-137		HFEF-5 WASTE CAN	CH
CH-BAT1014-E1-100055	CH	NON DP GEN TRU	DOE-NE	STORED	NON-DP		HEPA FILTERS	CH
CH-BAT1014-E1-100056	CH	NON DP GEN TRU	DOE-NE	FUTURE	NON-DP		DEWATERED 10W EXCHANGE RESIN	CH
CH-BAT1014-E1-100057	CH	NON DP GEN TRU	DOE-NE	STORED	NON-DP		DEWATERED 10W EXCHANGE RESIN...FUTURE GENERATION FOR 10 YEARS	CH
CH-BAT1014-E1-100461	CH	NON DP GEN TRU	DOE-NE	FUTURE	NON-DP		240 INDIVIDUALLY NUMBERED TIN WASTE CANS	CH
CH-BAT1092-E1-100392	CH	NON DP GEN TRU	DOE-NE	STORED	NON-DP		UNPACKAGED WASTE	CH
CH-BAT1092-E1-100393	CH	NON DP GEN TRU	DOE-NE	STORED	NON-DP		SEVEN 55-GAL DRUMS	CH
CH-BAT1092-E1-100394	CH	NON DP GEN TRU	DOE-NE	STORED	NON-DP		ARGONNE MIII STEEL BIN	CH
CH-BAT1092-E1-100395	CH	NON DP GEN TRU	DOE-NE	STORED	>EOL		METAL CANS	CH
CH-BAT1092-E1-100396	CH	EXCESS	DOE-NE	STORED				TOT

Table 178 CHICAGO FIELD OFFICE SPECIAL CASE WASTE (SCW) PRIORITY EVALUATION

PRIORITY EVALUATION													
SCW ID CODE #	CONTINUE CURRENT STORAGE ACTIVITIES (CCSA)										IMPLEMENTATION C		
	ESTIMATED RISK 10		PERCEIVED RISK 5		REGULATORY REQUIREMENTS 9	STORAGE		ESTIMATED COST 7	PRIORITY RATING	ESTIMATED RISK 10		INS	
	ENVIRONMENTAL	HEALTH	INSTITUTIONAL	PUBLIC		AVAILABILITY 8	FEASIBILITY 8			ENVIRONMENTAL	HEALTH		
CH-ARG1090-E1-100442	LOW	1	LOW	1	7	5	YES	1	OK	1	LOW	1	5
CH-ARG1097-E1-100417	LOW	1	LOW	1	7	5	YES	1	OK	1	LOW	1	1
CH-ARG1097-E1-100418	LOW	1	LOW	1	7	5	YES	1	OK	1	LOW	1	1
CH-ARG1097-E1-100419	LOW	1	LOW	1	7	5	YES	1	OK	1	LOW	1	1
CH-BAT1014-E1-100055	LOW	1	LOW	1	OK	1	YES	1	OK	1	LOW	1	1
CH-BAT1014-E1-100056	LOW	1	LOW	1	OK	1	YES	1	OK	1	LOW	1	1
CH-BAT1014-E1-100057	LOW	1	LOW	1	OK	1	YES	1	OK	1	LOW	1	1
CH-BAT1014-E1-100461	LOW	1	LOW	1	OK	1	YES	1	OK	1	LOW	1	1
CH-BAT1092-E1-100392	LOW	1	LOW	1	OK	1	YES	1	OK	1	LOW	1	1
CH-BAT1092-E1-100393	LOW	1	LOW	1	OK	1	YES	1	OK	1	LOW	1	1
CH-BAT1092-E1-100394	LOW	1	LOW	1	OK	1	YES	1	OK	1	LOW	1	1
CH-BAT1092-E1-100395	LOW	1	LOW	1	OK	1	YES	1	OK	1	LOW	1	1
CH-BAT1092-E1-100396	LOW	1	LOW	1	OK	1	YES	1	OK	1	LOW	1	1

NG	NUMBER OF	TOTAL	FORM	TOTAL	TOTAL	AVE CI PER	TOTAL	AVE WATTS PER	MIXED
0	CONTAINERS	VOL. (m ³)	DESCRIPTION	WG. (kg)	CI	CONTAINER	WATTS	CONTAINER	WASTE
	45	6.83	SOLID COMBUSTIBLE & NONCOMBUSTIBLE MATLS	2140	7.840E+01	1.7	3.600E-02	0.001	NO
	5	0.65	TYPICALLY STAINLESS STEEL PARTS & HARDWARE		6.604E+04	13208.0	2.336E+02	46.721	YES
	359	46.7	TYPICALLY STAINLESS STEEL PARTS & HARDWARE		7.338E+06	20441.4	3.841E+04	106.984	YES
	33	4.29	TYPICALLY STAINLESS STEEL PARTS & HARDWARE		7.289E+04	2208.9	3.817E+02	11.568	YES
	1	8	NOT COMPACTED, METAL FRAMES & AIR FILTERING MATERIAL	1400	6.397E+01	64.0	6.270E-01	0.627	NO
	1	15		2500	3.245E+01	32.5	1.380E-01	0.138	UNKNOWN
	25	6.48		2900	1.165E+01	0.5	1.280E-01	0.005	NO
	50	13		32500	5.760E+01	1.2	5.200E-01	0.010	NO
	240	1.56	COMPACTED PAPER & PLASTIC, SOLIDIFIED LIQUID WASTE	544		0.0		0.000	NO
	1	3.54	SHAPED CHARGE CATCHER, IRRADIATED FUEL CONTAINMENT VESSEL	4540		0.0		0.000	NO
	7	1.81	LABORATORY WASTE, METAL, PAPER, PLASTIC	730	3.770E+01	5.4	1.300E+00	0.186	NO
	2	6.94	LABORATORY WASTE, METAL, PAPER, PLASTIC	1690	1.559E+01	7.8	5.730E-01	0.287	NO
	2	0.00379	PU-239 AS PU02	0.907	8.760E-01	0.4	2.711E-02	0.014	NO
			TOTAL	48944.90	7.478E+06	9698.7			
AL	771	114.8							

THE BEST AVAILABLE TREATMENT TECHNOLOGY (BAT)									
PERCEIVED RISK		TREATMENT		ESTIMATED	PRIORITY	POTENTIAL RESOLUTION			
INSTITUTIONAL	PUBLIC	REGULATORY REQUIREMENTS 9	AVAILABILITY 8	FEASIBILITY 8	COST 7	RATING	PRIORITY EVALUATION		
LOW	LOW	7	5	YES	1	OK	1	LOW	103
LOW	LOW	OK	1	YES	1	OK	1	LOW	47
LOW	LOW	OK	1	YES	1	OK	1	LOW	47
LOW	LOW	OK	1	YES	1	OK	1	LOW	47
MED	HIGH	PROBLEM	10	NO	10	7	5	HIGH	327.5
MED	HIGH	PROBLEM	10	NO	10	7	5	HIGH	327.5
MED	HIGH	PROBLEM	10	NO	10	7	5	HIGH	327.5
MED	HIGH	PROBLEM	10	NO	10	7	5	HIGH	327.5
MED	HIGH	PROBLEM	10	NO	10	7	5	HIGH	327.5
MED	HIGH	PROBLEM	10	NO	10	7	5	HIGH	327.5
MED	HIGH	PROBLEM	10	NO	10	7	5	HIGH	327.5
MED	HIGH	PROBLEM	10	NO	10	7	5	HIGH	327.5
LOW	LOW	OK	1	YES	1	OK	1	LOW	47
							POTENTIAL RESOLUTION		
							REPACKAGE TO FIT INTO RH TRU SHIPPING CONTAINER		
							PERFORM PA TO DETERMINE DISPOSAL METHOD (MFP & MAP)		
							PERFORM PA TO DETERMINE DISPOSAL METHOD (MFP & MAP)		
							PERFORM PA TO DETERMINE DISPOSAL METHOD (MFP & MAP)		
							NEED NEW DISPOSAL FACILITY OR POTENTIALLY SEND TO WIPP OR YUCCA MTH		
							NEED NEW DISPOSAL FACILITY OR POTENTIALLY SEND TO WIPP OR YUCCA MTH		
							NEED NEW DISPOSAL FACILITY OR POTENTIALLY SEND TO WIPP OR YUCCA MTH		
							NEED NEW DISPOSAL FACILITY OR POTENTIALLY SEND TO WIPP OR YUCCA MTH		
							NEED NEW DISPOSAL FACILITY OR POTENTIALLY SEND TO WIPP OR YUCCA MTH		
							NEED NEW DISPOSAL FACILITY OR POTENTIALLY SEND TO WIPP OR YUCCA MTH		
							NEED NEW DISPOSAL FACILITY OR POTENTIALLY SEND TO WIPP OR YUCCA MTH		
							NEED NEW DISPOSAL FACILITY OR POTENTIALLY SEND TO WIPP OR YUCCA MTH		
							NEED NEW DISPOSAL FACILITY OR POTENTIALLY SEND TO WIPP OR YUCCA MTH		
							SHIP TO TREATMENT FACILITY (SMALL QUANTITY)		

TABLE 18A IDAHO SPECIAL CASE WASTE (SCW) INFORMATION

IDAHO DETAILED SCW INFORMATION										
SCW ID CODE #	POSSESSOR LOCATION	SCW CATEGORY	TITLE	STATUS	PROBLEM	CONTAINER TYPE	HANDLING METHOD	NUMBER OF CONTAINERS	TOTAL VOL. (m ³)	
ID-CPP1002-E1-100009	ID	NC DP TRU	DOE-DP	FUTURE	VAC		CH	UNKNOWN		
ID-CPP1002-E1-100010	ID	NC DP TRU	DOE-DP	FUTURE	VAC		CH	UNKNOWN		
ID-CPP1002-E1-100019	ID	NC DP TRU	DOE-DP	FUTURE	VAC		CH	UNKNOWN		
ID-DAN1001-E1-100001	ID	OTHER WASTE	DOE-NE	STORED	SPNT FUEL	UNPACKAGED-STORED IN MTR CANAL IN TEST TRAINS (2)	CH	2	0.238	12' TEL
ID-DAN1001-E1-100002	ID	OTHER WASTE	DOE-NE	STORED	SPNT FUEL		CH	1	0.177	PBF TEST & C
ID-DAN1001-E1-100004	ID	OTHER WASTE	DOE-NE	STORED	SPNT FUEL	MTR CANAL APPROVED FUEL STORAGE CANS. (2) (L-6 & L-8)	CH	2	0.0649	NET MOL
ID-DAN1001-E1-100005	ID	OTHER WASTE	DOE-NE	STORED	SPNT FUEL	MTR CANAL FUEL STORAGE CANNISTERS. (4) (L-1,L-2,L-3,L-4)	CH	4	7920	2 FUEL ROD
ID-DAN1001-E1-100007	ID	OTHER WASTE	DOE-NE	STORED	SPNT FUEL	2 FUEL RODS, IN TST SHROUDS, NOT PKGED, STORED UNDERWATER	CH	2	0.00023	MISC. FUEL R
ID-DAN1001-E1-100008	ID	OTHER WASTE	DOE-NE	STORED	SPNT FUEL	76 AL/SS MTR CANAL STORAGE CANS	CH	76	1.22	
ID-DEP1004-E1-100028	ID	OTHER WASTE	DOE-NE	STORED	SPNT FUEL	3 TYPES OF CANNISTERS, WATER FILLED & NOT CLOSED	CH	397	151	
ID-DEP1004-E1-100029	ID	NON DP GEN TRU	DOE-NE	STORED	COHM GEN	STAINLESS STEEL PRESSURE VESSELS	RH	5	1.9	ASSEMB
ID-DOE1005-E1-100031	ID	OTHER WASTE	DOE-NE	STORED	SPNT FUEL	ENAD FUEL PIECES	CH	11	2.06	
ID-DOE1005-E1-100032	ID	OTHER WASTE	DOE-NE	STORED	SPNT FUEL	ENAD FUEL ASSEMBLIES	CH	307	57.4	
ID-DOE1007-E1-100034	ID	OTHER WASTE	DOE-NE	STORED	SPNT FUEL	COMMERCIAL FUEL ASSEMBLIES PARTIAL AND FULL	CH	43	16.3	
ID-DOE1007-E1-100035	ID	OTHER WASTE	DOE-NE	STORED	SPNT FUEL	PIECES OF COMMERCIAL FUEL RODS CONSOLIDATED INTO CANS	CH	12	4.55	
ID-DOE1008-E1-100036	ID	OTHER WASTE	DOE-NE	STORED	SPNT FUEL	LOFT FUEL AND SAMPLES	CH	48	8.97	
ID-DOE1008-E1-100030	ID	PAL	DOE-NE	STORED	MAP	48 EMPTY FUEL ASSEMBLIES - MAY CONTAIN SOME CONTROL RODS.	CH	2	9.63	VARIES,
ID-EG41003-E1-100021	ID	NON DP GEN TRU	DOE-NE	STORED	COHM GEN	2 EACH BXM TX6 DRUM OVERPACK	CH	3		
ID-EG41006-E1-100033	ID	PAL	DOE-NE	STORED	URANIUM	AT TAN	CH	4	1.04	
ID-EG43018-E1-100022	ID	NON DP GEN TRU	DOE-NE	STORED	COHM GEN	METAL DRUMS	CH	5	1.37	
ID-EG43018-E1-100023	ID	NON DP GEN TRU	DOE-NE	STORED	COHM GEN	5 (83 GAL EA.) METAL DRUMS	CH	4	10.9	
ID-EG43018-E1-100024	ID	NON DP GEN TRU	DOE-NE	STORED	COHM GEN	4 METAL BOXES (NO DIMENSIONS GIVEN)	CH	6	217	
ID-EG43018-E1-100025	ID	NON DP GEN TRU	DOE-NE	STORED	COHM GEN	6 ("OTHER") CONTAINERS..SOME ARE WOODEN	CH	60707	41500000	
ID-EG43025-E1-100017	ID	PAL	DOE-DP	FUTURE	PU	30-, 55-, AND 83 GALLON STEEL DRUMS	CH	152	39.4	
ID-EG43025-E1-100020	ID	PAL	DOE-DP	FUTURE	PU	FRP, METAL, & MIJI BINS (EST. TOTAL 200 BOXES/TR OVER 23 TRS)	CH	8	21.7	
ID-EG43026-E1-100018	ID	NON DP GEN TRU	DOE-NE	STORED	COHM GEN	55-GAL DRUM	CH	59	15.3	
ID-EG43027-E1-100026	ID	NON DP GEN TRU	DOE-NE	STORED	COHM GEN	METAL BINS, (96FT3 EA)	RH	62	11	FUEL ROD
ID-EG43027-E1-100027	ID	OTHER WASTE	DOE-NE	STORED	SPNT FUEL	55-GAL DRUMS	CH	15	1.14	
ID-PRP3022-E1-100003	ID	PAL	DOE-DP	FUTURE	URANIUM	NOT PKGED-IN REACTOR CORE CANS & FUEL STORAGE RACKS IN PBF CANAL	CH	1		
ID-ROC1109-E1-100441	ID	NON DP GEN TRU	DOE-DP	FUTURE	VAC	AS REQUIRED BY DRAFT DOE-IE ORDER 5820.2A	CH	1		
ID-WIK3015-E1-100012	ID	PAL	DOE-DP	FUTURE	TRU		CH	1	3.4	
ID-WIK3015-E1-100013	ID	PAL	DOE-DP	FUTURE	SPNT FUEL	MAY BE PLACED IN BUCKETS	CH	1		
ID-WIK3015-E1-100014	ID	PAL	DOE-DP	FUTURE	TRU		CH	1		
ID-WIK3015-E1-100015	ID	PAL	DOE-DP	FUTURE	TRU		CH	1		
ID-WIK3015-E1-100016	ID	PAL	DOE-DP	FUTURE	TRU		CH	1		
ID-WIK3021-E1-100011	ID	NC DP TRU	DOE-DP	FUTURE	VAC		CH	1		
TOTAL								66500	4.152E+07	

Table 18B IDAHO FIELD OFFICE SPECIAL CASE WASTE (SCW) PRIORITY EVALUATION

PRIORITY EVALUATION													
CONTINUE CURRENT STORAGE ACTIVITIES (CCSA)											IMPLEMENTATION C		
SCW ID CODE #	ESTIMATED RISK		PERCEIVED RISK		REGULATORY REQUIREMENTS	STORAGE		ESTIMATED COST	PRIORITY RATING	ESTIMATED RISK		INS	
	ENVIRONMENTAL	HEALTH	INSTITUTIONAL	PUBLIC		AVAILABILITY	FEASIBILITY			ENVIRONMENTAL	HEALTH		
ID-CPP1002-E1-100009	LOW	1	LOW	1	OK	1	YES	1	47	LOW	1	MED	5
ID-CPP1002-E1-100010	LOW	1	LOW	1	OK	1	YES	1	47	LOW	1	MED	5
ID-CPP1002-E1-100019	LOW	1	LOW	1	OK	1	YES	1	47	LOW	1	MED	5
ID-DAN1001-E1-100001	LOW	1	LOW	1	OK	1	YES	1	47	LOW	1	MED	5
ID-DAN1001-E1-100002	LOW	1	LOW	1	OK	1	YES	1	47	LOW	1	MED	5
ID-DAN1001-E1-100004	LOW	1	LOW	1	OK	1	YES	1	47	LOW	1	MED	5
ID-DAN1001-E1-100005	LOW	1	LOW	1	OK	1	YES	1	47	LOW	1	MED	5
ID-DAN1001-E1-100007	LOW	1	LOW	1	OK	1	YES	1	47	LOW	1	MED	5
ID-DAN1001-E1-100008	LOW	1	LOW	1	OK	1	YES	1	47	LOW	1	MED	5
ID-DEP1004-E1-100028	LOW	1	LOW	1	OK	1	YES	1	47	LOW	1	MED	5
ID-DEP1004-E1-100029	LOW	1	LOW	1	?	5	YES	1	83	LOW	1	MED	5
ID-DOE1005-E1-100031	LOW	1	LOW	1	?	5	YES	1	83	LOW	1	MED	5
ID-DOE1005-E1-100032	LOW	1	LOW	1	?	5	YES	1	83	LOW	1	MED	5
ID-DOE1007-E1-100034	LOW	1	LOW	1	?	5	YES	1	83	LOW	1	MED	5
ID-DOE1007-E1-100035	LOW	1	LOW	1	?	5	YES	1	83	LOW	1	MED	5
ID-DOE1008-E1-100036	LOW	1	LOW	1	?	5	YES	1	83	LOW	1	MED	5
ID-DOE1008-E1-100030	LOW	1	LOW	1	?	5	YES	1	83	LOW	1	MED	5
ID-EG41003-E1-100021	LOW	1	LOW	1	OK	1	YES	1	47	LOW	1	MED	5
ID-EG41006-E1-100033	LOW	1	LOW	1	PROBLEM	10	YES	1	128	LOW	1	MED	5
ID-EG43018-E1-100022	LOW	1	LOW	1	?	5	YES	1	83	LOW	1	MED	5
ID-EG43018-E1-100023	LOW	1	LOW	1	?	5	YES	1	83	LOW	1	MED	5
ID-EG43018-E1-100024	LOW	1	LOW	1	?	5	YES	1	83	LOW	1	MED	5
ID-EG43018-E1-100025	LOW	1	LOW	1	?	5	YES	1	83	LOW	1	MED	5
ID-EG43025-E1-100017	LOW	1	LOW	1	PROBLEM	10	NO	10	268	LOW	1	MED	5
ID-EG43025-E1-100020	LOW	1	LOW	1	PROBLEM	10	NO	10	268	LOW	1	MED	5
ID-EG43026-E1-100018	LOW	1	LOW	1	?	5	YES	1	103	LOW	1	MED	5
ID-EG43027-E1-100026	LOW	1	LOW	1	?	5	YES	1	103	LOW	1	MED	5
ID-EG43027-E1-100027	LOW	1	LOW	1	?	5	YES	1	103	LOW	1	MED	5
ID-PRP3022-E1-100003	LOW	1	LOW	1	OK	1	YES	1	47	LOW	1	MED	5
ID-ROC1109-E1-100441	LOW	1	LOW	1	OK	1	YES	1	47	LOW	1	MED	5
ID-WIK3015-E1-100012	LOW	1	LOW	1	OK	1	YES	1	47	LOW	1	MED	5
ID-WIK3015-E1-100013	LOW	1	LOW	1	OK	1	YES	1	47	LOW	1	MED	5
ID-WIK3015-E1-100014	LOW	1	LOW	1	OK	1	YES	1	47	LOW	1	MED	5
ID-WIK3015-E1-100015	LOW	1	LOW	1	OK	1	YES	1	47	LOW	1	MED	5
ID-WIK3015-E1-100016	LOW	1	LOW	1	OK	1	YES	1	47	LOW	1	MED	5
ID-WIK3021-E1-100011	LOW	1	LOW	1	OK	1	YES	1	47	LOW	1	MED	5

FORM DESCRIPTION	TOTAL WGT. (kg)	TOTAL CI	AVE CI PER CONTAINER	TOTAL MATTS	AVE MATTS PER CONTAINER	MIXED WASTE
NEPA FILTERS			ERR		ERR	UNKNOWN
IPA FILTER IN A SPECIAL HOUSING			ERR		ERR	UNKNOWN
NEPA FILTERS			ERR		ERR	UNKNOWN
AT TRAINS CONTAINING 4" FUEL BUNDLES	635	7.000E-03	0.0	1.885E-04	0.000	NO
ORE FUEL RODS (TERMINAL) PELLETS & SAMPLES	45.4	2.274E+00	2.3	7.000E-02	0.070	NO
BUNDLE REMNANTS AND MET MOUNTS	90.7	6.006E+00	3.0	1.860E-01	0.093	YES
MTS & CORE SAMPLES & REMNANT PIECES	181	4.214E+00	1.1	1.300E-01	0.033	NO
5 -5" DIA X3' LONG, NOT SEALED OR PKGED		6.100E-02	0.0	2.000E-03	0.001	NO
ROS, REMNANTS, MET MOUNTS OF PBF TEST FUEL	1720	2.317E+01	0.3	7.160E-01	0.009	NO
	384000	6.030E+06	15188.9		0.000	NO
LY OF CARTRIDGE FILTERS WITH FILTRATE	864	2.005E+01	6.7	1.000E-03	0.000	UNKNOWN
		5.186E+03	1037.2	1.860E-01	0.037	UNKNOWN
	7480	1.913E+06	173883.0	8.392E+01	7.629	UNKNOWN
	209000	6.396E+06	20832.9	1.758E+02	0.573	UNKNOWN
	29200	6.256E+06	145487.8	1.848E+02	4.298	UNKNOWN
		2.012E+04	1676.8	3.768E+00	0.314	UNKNOWN
UNPACKAGED	1700	2.000E+02	4.2		0.000	UNKNOWN
MOSTLY DRY SOLID RAGS, PLASTIC, WOOD	1425	2.500E+01	12.5	8.319E-01	0.416	NO
		5.294E+05	0.0	1.400E-06	0.000	YES
		4.000E+03	0.0	1.331E-04	0.000	UNKNOWN
		4.600E+00	0.9	1.531E-01	0.031	UNKNOWN
		8.100E+01	20.3	2.696E+00	0.674	UNKNOWN
		6.000E-02	0.0	1.997E-03	0.000	UNKNOWN
SOLID WASTE	10000000	5.000E+04	0.8	1.664E+03	0.027	YES
SOLID WASTE	5010000		0.0		0.000	YES
	1660	4.627E+01	0.3	6.870E-01	0.005	UNKNOWN
	8540	1.600E+01	2.0	5.290E-01	0.066	UNKNOWN
	6000	5.300E+02	9.0	1.752E+01	0.297	UNKNOWN
IS ABOUT 3/4" DIA.X3' LONG (2425 RODS)	7030	3.750E-01	0.0	1.000E-02	0.000	NO
		2.958E+00	0.2	7.700E-02	0.005	NO
NEPA FILTERS			ERR		ERR	UNKNOWN
SPENT RESIN			ERR		ERR	UNKNOWN
CORRODED AL FUEL TUBECULES			ERR		0.000	UNKNOWN
ORE COLLECTED ON FLOOR OF BASINS			ERR		ERR	UNKNOWN
FILTERED SOLIDS			ERR		ERR	UNKNOWN
NEPA FILTERS			ERR		ERR	UNKNOWN
TOTAL	1.57E+07	2.067E+07	310.8			

F THE BEST AVAILABLE TREATMENT TECHNOLOGY (BAT)														
PERCEIVED RISK		5	TREATMENT				ESTIMATED	PRIORITY	PRIORITY	POTENTIAL RESOLUTION				
SITUATIONAL	PUBLIC	REGULATORY REQUIREMENTS	9	AVAILABILITY	8	FEASIBILITY	8	COST	7	RATING	EVALUATION			
LOW	1	LOW	1	7	5	NO	10	YES	1	HED	5	203	156	IMMOBILIZE, PACKAGE AND SEND TO WIPP
LOW	1	LOW	1	7	5	NO	10	YES	1	HED	5	203	156	IMMOBILIZE, PACKAGE AND SEND TO WIPP
LOW	1	LOW	1	7	5	NO	10	YES	1	HED	5	203	156	IMMOBILIZE, PACKAGE AND SEND TO WIPP
LOW	1	LOW	1	OK	1	NO	10	YES	1	HIGH	10	202	155	NEED TO DESIGNATE A DISPOSAL FACILITY OR SEND TO HLW REPOSITORY
LOW	1	LOW	1	OK	1	NO	10	YES	1	HIGH	10	202	155	NEED TO DESIGNATE A DISPOSAL FACILITY OR SEND TO HLW REPOSITORY
LOW	1	LOW	1	OK	1	NO	10	YES	1	HIGH	10	202	155	NEED TO DESIGNATE A DISPOSAL FACILITY OR SEND TO HLW REPOSITORY
LOW	1	LOW	1	OK	1	NO	10	YES	1	HIGH	10	202	155	NEED TO DESIGNATE A DISPOSAL FACILITY OR SEND TO HLW REPOSITORY
LOW	1	LOW	1	OK	1	NO	10	YES	1	HIGH	10	202	155	NEED TO DESIGNATE A DISPOSAL FACILITY OR SEND TO HLW REPOSITORY
LOW	1	LOW	1	OK	1	NO	10	YES	1	HIGH	10	202	155	NEED TO DESIGNATE A DISPOSAL FACILITY OR SEND TO HLW REPOSITORY
LOW	1	LOW	1	OK	1	NO	10	YES	1	HIGH	10	202	155	NEED TO DESIGNATE A DISPOSAL FACILITY OR SEND TO HLW REPOSITORY
LOW	1	LOW	1	7	5	NO	10	YES	1	HIGH	10	238	155	NEED TO DESIGNATE A DISPOSAL FACILITY OR SEND TO HLW REPOSITORY
LOW	1	LOW	1	7	5	NO	10	YES	1	HIGH	10	238	155	NEED TO DESIGNATE A DISPOSAL FACILITY OR SEND TO HLW REPOSITORY
LOW	1	LOW	1	7	5	NO	10	YES	1	HIGH	10	238	155	NEED TO DESIGNATE A DISPOSAL FACILITY OR SEND TO HLW REPOSITORY
LOW	1	LOW	1	7	5	NO	10	YES	1	HIGH	10	238	155	NEED TO DESIGNATE A DISPOSAL FACILITY OR SEND TO HLW REPOSITORY
LOW	1	LOW	1	7	5	NO	10	YES	1	HIGH	10	238	155	NEED TO DESIGNATE A DISPOSAL FACILITY OR SEND TO HLW REPOSITORY
LOW	1	LOW	1	7	5	NO	10	YES	1	HIGH	10	238	155	NEED TO DESIGNATE A DISPOSAL FACILITY OR SEND TO HLW REPOSITORY
LOW	1	LOW	1	OK	1	7	5	YES	1	HED	5	107	60	IDENTIFY A DISPOSAL FACILITY (HOW DP TRU)
LOW	1	LOW	1	PROBLEM	10	NO	10	YES	1	HED	5	228	100	PERFORM PA TO DETERMINE DISPOSAL METHOD AND LOCATION
LOW	1	LOW	1	OK	1	YES	1	YES	1	LOW	1	47	-36	CERTIFY AT SWPP AND SEND TO WIPP (HEX AN)
LOW	1	LOW	1	OK	1	YES	1	YES	1	LOW	1	47	-36	CERTIFY AT SWPP AND SEND TO WIPP (HEX AN)
LOW	1	LOW	1	OK	1	YES	1	YES	1	LOW	1	47	-36	CERTIFY AT SWPP AND SEND TO WIPP (HEX AN)
LOW	1	LOW	1	OK	1	YES	1	YES	1	LOW	1	47	-36	CERTIFY AT SWPP AND SEND TO WIPP (HEX AN)
LOW	1	LOW	1	OK	1	YES	1	YES	1	LOW	1	47	-36	CERTIFY AT SWPP AND SEND TO WIPP (HEX AN)
HED	5	HED	5	PROBLEM	10	7	5	YES	1	HED	5	208	-40	PERFORM PA TO DETERMINE DISPOSAL METHOD AND LOCATION
HED	5	HED	5	PROBLEM	10	7	5	YES	1	HED	5	208	-40	PERFORM PA TO DETERMINE DISPOSAL METHOD AND LOCATION
LOW	1	LOW	1	7	5	7	5	YES	1	HED	5	143	40	IDENTIFY A DISPOSAL FACILITY (HOW DP TRU)
LOW	1	LOW	1	7	5	7	5	YES	1	HED	5	143	40	IDENTIFY A DISPOSAL FACILITY (HOW DP TRU)
LOW	1	LOW	1	7	5	7	5	YES	1	HED	5	143	40	IDENTIFY A DISPOSAL FACILITY (HOW DP TRU)
LOW	1	LOW	1	7	5	7	5	YES	1	HED	5	143	40	IDENTIFY A DISPOSAL FACILITY (HOW DP TRU)
LOW	1	LOW	1	OK	1	NO	10	YES	1	HIGH	10	202	155	NEED TO DESIGNATE A DISPOSAL FACILITY OR SEND TO HLW REPOSITORY
LOW	1	LOW	1	OK	1	YES	1	YES	1	LOW	1	47	0	PERFORM PA TO DETERMINE DISPOSAL METHOD AND LOCATION
LOW	1	LOW	1	7	5	NO	10	YES	1	HED	5	203	156	IMMOBILIZE, PACKAGE AND SEND TO WIPP
LOW	1	LOW	1	7	5	YES	1	YES	1	LOW	1	83	36	PERFORM PA TO DETERMINE DISPOSAL METHOD
LOW	1	LOW	1	7	5	NO	10	YES	1	HIGH	10	218	171	NEED TO DESIGNATE A DISPOSAL FACILITY OR SEND TO HLW REPOSITORY
LOW	1	LOW	1	7	5	YES	1	YES	1	LOW	1	83	36	PERFORM PA TO DETERMINE DISPOSAL METHOD
LOW	1	LOW	1	7	5	YES	1	YES	1	LOW	1	83	36	PERFORM PA TO DETERMINE DISPOSAL METHOD
LOW	1	LOW	1	7	5	YES	1	YES	1	LOW	1	83	36	PERFORM PA TO DETERMINE DISPOSAL METHOD
LOW	1	LOW	1	7	5	NO	10	YES	1	HED	5	203	156	IMMOBILIZE, PACKAGE AND SEND TO WIPP

TABLE 19A NAVAL REACTORS SPECIAL CASE WASTE (SCW) INFORMATION

NAVAL REACTORS DETAILED SCW INFORMATION							
SCW ID CODE #	POSSESSOR LOCATION	SCW CATEGORY	TITLE	STATUS	PROBLEM	CONTAINER TYPE	HANDLING METHOD
NR-DOE2079-E1-101028	NR	SPAR	DOE-DP	FUTURE	HAP	55 GAL DRUMS & SS BOXES	CH
NR-GEN2080-E1-101029	NR	NC DP TRU	DOE-DP	STORED	TRANSP		RH
NR-U.S2078-E1-101027	NR	SPAR	DOE-DP	FUTURE	HAP	316 STAINLESS STEEL TANKS	CH
NR-WES2081-E1-101030	NR	OTHER WASTE	DOE-DP	STORED	UNCH		CH
NR-WES2082-E1-101031	NR	OTHER WASTE	DOE-DP	FUTURE	UNCH	TO BE DETERMINED UNPACKAGED	RH
NR-WES2082-E1-101032	NR	OTHER WASTE	DOE-DP	OTHER	UNCH		RH
NR-WES2082-E1-101033	NR	NC DP TRU	DOE-DP	STORED	WAC	55 TON SCRAP CASK INSERTS	CH
NR-WES2082-E1-101034	NR	SPAR	DOE-DP	FUTURE			CH
NR-WES2082-E1-101035	NR	SPAR	DOE-DP	STORED		55 TON SCRAP CASK INSERTS	CH
							TOTAL

Table 19B NAVAL REACTORS SPECIAL CASE WASTE (SCW) PRIORITY EVALUATION

SCW ID CODE #	PRIORITY EVALUATION										
	CONTINUE CURRENT STORAGE ACTIVITIES (CCSA)										IMPLEMENTATION
	ESTIMATED RISK 10		PERCEIVED RISK 5		REGULATORY REQUIREMENTS 9	STORAGE		ESTIMATED COST 7	PRIORITY RATING	ESTIMATED RISK 10	
	ENVIRONMENTAL	HEALTH	INSTITUTIONAL	PUBLIC		AVAILABILITY 8	FEASIBILITY 8			ENVIRONMENTAL	HEALTH
NR-DOE2079-E1-101028	LOW 1	LOW 1	LOW 1	LOW 1	OK 1	YES 1	OK 1	LOW 1	47	LOW 1	LOW 1
NR-GEN2080-E1-101029	LOW 1	LOW 1	LOW 1	LOW 1	OK 1	YES 1	OK 1	LOW 1	47	LOW 1	LOW 1
NR-U.S2078-E1-101027	LOW 1	LOW 1	LOW 1	LOW 1	OK 1	YES 1	OK 1	LOW 1	47	LOW 1	LOW 1
NR-WES2081-E1-101030	LOW 1	LOW 1	LOW 1	LOW 1	7 5	YES 1	OK 1	LOW 1	83	LOW 1	LOW 1
NR-WES2082-E1-101031	LOW 1	LOW 1	LOW 1	LOW 1	OK 1	YES 1	OK 1	LOW 1	47	LOW 1	LOW 1
NR-WES2082-E1-101032	LOW 1	LOW 1	LOW 1	LOW 1	OK 1	YES 1	OK 1	LOW 1	47	LOW 1	LOW 1
NR-WES2082-E1-101033	LOW 1	LOW 1	LOW 1	LOW 1	7 5	YES 1	OK 1	LOW 1	83	LOW 1	LOW 1
NR-WES2082-E1-101034	LOW 1	LOW 1	LOW 1	LOW 1	OK 1	YES 1	OK 1	LOW 1	47	LOW 1	LOW 1
NR-WES2082-E1-101035	LOW 1	LOW 1	LOW 1	LOW 1	OK 1	YES 1	OK 1	LOW 1	47	LOW 1	LOW 1

NUMBER OF CONTAINERS	TOTAL VOL. (m ³)	FORM DESCRIPTION	TOTAL WGT. (kg)	TOTAL Ci	AVE Ci PER CONTAINER	TOTAL WATTS	AVE WATTS PER CONTAINER	MIXED WASTE
1		CLASSIFIED HARDWARE (METAL)			0.0		0.0	NO
1	3	VARIOUS FORMS-NO LIQUIDS			0.0		0.0	NO
1		CLASSIFIED HARDWARE (METAL)			0.0		0.0	NO
1	4				0.0		0.0	UNKNOWN
1	2.83	CHIPS & FINES WILL BE STORED UNDERWATER	56.7		0.0		0.0	UNKNOWN
1	5.66	CHIPS & FINES WILL BE STORED UNDERWATER	1130		0.0		0.0	UNKNOWN
1	6.51	SOLIDIFY FINES IN CONCRETE		4.630E-04	0.0	1.270E-05	0.0	UNKNOWN
1	2.83	IRRADIATED METAL COMPONENTS	2720		0.0		0.0	NO
3	8.5	IRRADIATED METAL COMPONENTS	8160	1.072E+06	357190.0	8.895E+03	2965.2	NO
11	33.33	TOTAL	229267.	2.143E+07	1948309.1			

TABLE 20A NEVADA SPECIAL CASE WASTE (SCW) INFORMATION

NEVADA DETAILED SCW INFORMATION									
SCW ID CODE #	POSSESSOR LOCATION	SCW CATEGORY	TITLE	STATUS	PROBLEM	CONTAINER TYPE	HANDLING METHOD	NUMBER OF CONTAINERS	TOTAL VOL.(m ³)
NV-REE1009-E1-100037	NV	NC DP TRU	DOE-DP	DISPOSED	CLASFD	55-GAL DRUMS	CH	152	39.4
NV-REE1009-E1-100038	NV	NC DP TRU	DOE-DP	STORED	CLASFD	55-GAL DRUM	CH	210	54.4
NV-REE1009-E1-100039	NV	NC DP TRU	DOE-DP	DISPOSED	CLASFD	55-GAL DRUMS	CH	74	19.2
NV-REE1009-E1-100040	NV	NC DP TRU	DOE-DP	DISPOSED	CLASFD	55-GAL DRUM	CH	102	26.4
NV-REE1009-E1-100041	NV	NC DP TRU	DOE-DP	STORED	CLASFD	55-GAL DRUM	CH	38	9.84
NV-REE1009-E1-100042	NV	NC DP TRU	DOE-DP	DISPOSED	CLASFD	55-GAL DRUM	CH	32	8.29
NV-REE1009-E1-100043	NV	NC DP TRU	DOE-DP	STORED	CLASFD	6-M DRUMS	CH	47	2.4
NV-REE1010-E1-100044	NV	PAL	DOE-DP	STORED	URANIUM	55-GAL DRUM	CH	8	2.07
NV-REE1010-E1-100045	NV	PAL	DOE-DP	STORED	URANIUM	WOODEN BOX	CH	217	633
NV-REE1010-E1-100046	NV	PAL	DOE-DP	STORED	URANIUM DAUGHTERS	WOODEN BOX	CH	51	9240
NV-REE1011-E1-100047	NV	NC DP TRU	DOE-DP	STORED	WAC	55-GAL DRUM	CH	207	53.6
NV-REE1011-E1-100048	NV	NC DP TRU	DOE-DP	STORED	TRANSP	METAL BOXES	CH	58	273
TOTAL								1196	10361.6

Table 20B NEVADA TEST SITE SPECIAL CASE WASTE (SCW) PRIORITY EVALUATION.

PRIORITY EVALUATION															
CONTINUE CURRENT STORAGE ACTIVITIES (CCSA)											IMPLEMENTATION				
SCW ID CODE #	ESTIMATED RISK 10		PERCEIVED RISK 5		REGULATORY REQUIREMENTS - 9	STORAGE		ESTIMATED COST - 7	PRIORITY RATING	ESTIMATED RISK 10					
	ENVIRONMENTAL	HEALTH	INSTITUTIONAL	PUBLIC		AVAILABILITY - 8	FEASIBILITY - 8			ENVIRONMENTAL	HEALTH				
NV-REE1009-E1-100037	MED	5	MED	5	7	5	7	5	7	5	LOW	1	197	MED	5
NV-REE1009-E1-100038	LOW	1	LOW	1	OK	1	YES	1	OK	1	LOW	1	47	LOW	1
NV-REE1009-E1-100039	MED	5	MED	5	7	5	7	5	7	5	LOW	1	197	MED	5
NV-REE1009-E1-100040	MED	5	MED	5	7	5	7	5	7	5	LOW	1	197	MED	5
NV-REE1009-E1-100041	LOW	1	LOW	1	7	5	7	5	7	5	LOW	1	147	LOW	1
NV-REE1009-E1-100042	MED	5	MED	5	7	5	7	5	7	5	LOW	1	197	MED	5
NV-REE1009-E1-100043	LOW	1	LOW	1	7	5	7	5	7	5	LOW	1	147	LOW	1
NV-REE1010-E1-100044	LOW	1	LOW	1	PROBLEM	10	NO	10	OK	1	LOW	1	200	LOW	1
NV-REE1010-E1-100045	LOW	1	LOW	1	PROBLEM	10	NO	10	OK	1	LOW	1	200	LOW	1
NV-REE1010-E1-100046	LOW	1	LOW	1	PROBLEM	10	NO	10	OK	1	LOW	1	200	LOW	1
NV-REE1011-E1-100047	LOW	1	LOW	1	OK	1	YES	1	OK	1	LOW	1	47	LOW	1
NV-REE1011-E1-100048	LOW	1	LOW	1	OK	1	YES	1	OK	1	LOW	1	47	LOW	1

FORM DESCRIPTION	TOTAL WGT.(kg)	TOTAL Ci	AVE Ci PER CONTAINER	TOTAL WATTS	AVE WATTS PER CONTAINER	MIXED WASTE
OLID SCRAP METAL, D-38, GRAPHITE, PLASTIC.	12900	8.505E+02	5.60	2.632E+01	0.173	UNKNOWN
SOLID SCRAP	16700	2.280E+02	1.09	7.053E+00	0.034	NO
OLID SCRAP METAL, D-38, GRAPHITE	5440	1.230E+02	1.66	3.805E+00	0.051	UNKNOWN
OLID SCRAP METAL, PLASTIC, GRAPHITE, D-38	8330	4.980E+02	4.88	1.541E+01	0.151	UNKNOWN
OLID SCRAP METAL, D-38, GRAPHITE, PLASTIC	3480	8.000E+01	2.11	2.475E+00	0.065	UNKNOWN
OLID SCRAP METAL, D-38, GRAPHITE	2350	4.220E+01	1.32	1.305E+00	0.041	UNKNOWN
SOLID	1490	2.710E+02	5.77	8.942E+00	0.190	UNKNOWN
IST SOLID, PRINCIPAL CONSTITUENTS URANIUM & IRON	2330	2.000E+00	0.25	5.664E-02	0.007	YES
IST SOLID, PRINCIPAL CONSTITUENTS URANIUM & IRON	360000	2.520E+02	1.16	7.142E+00	0.033	YES
IST SOLID, PRINCIPAL CONSTITUENTS URANIUM & IRON	53100	3.510E+01	0.69	9.940E-01	0.019	YES
Y SOLIDS-MOSTLY COMBUSTIBLES PLUS SOME METALS	13500	3.310E+01	0.16	1.025E+00	0.005	NO
Y SOLIDS-GLOVEBOXES & EQUIP-METALS & COMBUSTIBLES	83100	1.310E+02	4.06	4.057E+00	0.070	NO
TOTAL	562720	2.546E+03	2.13			

OF THE BEST AVAILABLE TREATMENT TECHNOLOGY (BAT)													
PERCEIVED RISK		5	REGULATORY REQUIREMENTS		9	TREATMENT		8	ESTIMATED COST	7	PRIORITY RATING	PRIORITY EVALUATION	POTENTIAL RESOLUTION
INSTITUTIONAL	PUBLIC					AVAILABILITY	8	FEASIBILITY	8				
MED	5	MED	5	?	5	NO	10	OK	1	MED	5	243	46 RECOVER, SHIP, TREAT TO DESTROY CLASSIFIED SHAPES (Pu-52 WG)
LOW	1	MED	5	OK	1	YES	1	OK	1	LOW	1	77	30 SHIP, TREAT TO DESTROY CLASSIFIED SHAPES (Pu-52 WG)
MED	5	MED	5	?	5	NO	10	OK	1	MED	5	243	46 RECOVER, SHIP, TREAT TO DESTROY CLASSIFIED SHAPES (Pu-52 WG)
MED	5	MED	5	?	5	NO	10	OK	1	MED	5	243	46 RECOVER, SHIP, TREAT TO DESTROY CLASSIFIED SHAPES (Pu-52 WG)
LOW	1	MED	5	?	5	NO	10	OK	1	MED	5	213	66 SHIP, TREAT TO DESTROY CLASSIFIED SHAPES (Pu-52 WG)
MED	5	MED	5	?	5	NO	10	OK	1	MED	5	243	46 RECOVER, SHIP, TREAT TO DESTROY CLASSIFIED SHAPES (Pu-52 WG)
LOW	1	MED	5	?	5	NO	10	OK	1	HIGH	10	248	101 SHIP, TREAT TO DESTROY CLASSIFIED MATERIAL (Pu-238)
LOW	1	LOW	1	PROBLEM	10	YES	1	OK	1	LOW	1	128	-72 PERFORM PA TO DETERMINE DISPOSAL METHOD
LOW	1	LOW	1	PROBLEM	10	YES	1	OK	1	LOW	1	128	-72 PERFORM PA TO DETERMINE DISPOSAL METHOD
LOW	1	LOW	1	PROBLEM	10	YES	1	OK	1	LOW	1	128	-72 PERFORM PA TO DETERMINE DISPOSAL METHOD
LOW	1	LOW	1	OK	1	NO	10	OK	1	HIGH	10	202	155 AEROSOL CANS NOW MEET THE WIPP UAC. NO TREATMENT NEEDED.
LOW	1	LOW	1	OK	1	NO	10	OK	1	HIGH	10	202	155 REPACKAGE TO FIT INTO TRUPACT-II

TABLE 21A OAK RIDGE SPECIAL CASE WASTE (SCW) INFORMATION

OAK RIDGE DETAILED SCW INFORMATION										DEI	
SCW ID CODE #	POSSESSOR LOCATION	SCW CATEGORY	TITLE	STATUS	PROBLEM	CONTAINER TYPE	HANDLING METHOD	NUMBER OF CONTAINERS	TOTAL VOL. (m ³)		
DR-DOE2214-E1-101382	OR	EXCESS	DOE-WE	STORED		STEEL, CYLINDERS TO CONTAIN 2.5, 10214 TONS	CH	36000	108000	SOLIDIFIED UF ₆	
DR-DOE2214-E1-101383	OR	EXCESS	DOE-WE	FUTURE		STEEL, CYLINDERS TO CONTAIN 2.5, 10214 TONS	CH	264	792	SOLIDIFIED UF ₆	
DR-DOE2214-E1-101384	OR	PAL	OTHER	FUTURE		TBD.	CH	1		TBD - LIKELY DAP	
DR-MHE1117-E1-100457	OR	OTHER WASTE	DOE-WE	STORED	SPWT FUEL	INTACT PEACH BOTTOM FUEL ELEMENTS	RH	10	0.23	INTACT FUEL ELEMENTS	
DR-MHE1117-E1-100458	OR	OTHER WASTE	DOE-WE	STORED	SPWT FUEL	PEACH BOTTOM CUT UP AND SCRAP MATERIAL	RH	15	1.13		
DR-MHE2211-E1-101361	OR	EXCESS	DOE-DP	STORED	>EDL		CH	1		MATERIAL TYPE 74 (U-232)	
DR-MHE2211-E1-101362	OR	EXCESS	DOE-DP	STORED	>EDL	9 CANS	CH	9		C/P FORM 132 UNALLOYED	
DR-MHE2211-E1-101363	OR	EXCESS	DOE-DP	STORED	>EDL	1 CAPSULE	CH	1		C/P FORM 154 UNALLOYED	
DR-MHE2211-E1-101364	OR	EXCESS	DOE-DP	STORED	>EDL	1 CAPSULE	CH	1		C/P FORM 238. BILLET'S PI	
DR-MHE2211-E1-101365	OR	EXCESS	DOE-DP	STORED	>EDL		RH	5		C/P FORM 392. NO PLANNED	
DR-MHE2211-E1-101366	OR	EXCESS	DOE-DP	STORED	>EDL	190 CANS TOTAL	CH	190		C/P FORM 454 DIOXIDES PI	
DR-MHE2211-E1-101367	OR	EXCESS	DOE-DP	STORED	>EDL	230 CANS TOTAL	CH	230		C/P FORM 455 OTHER OXIDE	
DR-MHE2211-E1-101368	OR	EXCESS	DOE-DP	STORED	>EDL	3 CONTAINERS	CH	3		C/P FORM 703 NITRATE SO	
DR-MHE2211-E1-101369	OR	EXCESS	DOE-DP	STORED	>EDL	13 CANS	CH	13		C/P FORM 721 UNALLOYED	
DR-MHE2211-E1-101370	OR	EXCESS	DOE-DP	STORED	>EDL	3 CANS	CH	3		C/P FORM 722 ALLOYED ME	
DR-MHE2211-E1-101371	OR	EXCESS	DOE-DP	STORED	>EDL	30 CANS	CH	30		C/P FORM 725 COMPOUNDS	
DR-MHE2211-E1-101372	OR	EXCESS	DOE-DP	STORED	>EDL	16 CANS	CH	16		C/P FORM 729 PROCESS RE	
DR-MHE2211-E1-101373	OR	EXCESS	DOE-DP	STORED	>EDL	11 CANS	CH	1		C/P FORM 771 SAMPLES AN	
DR-MHE2211-E1-101374	OR	EXCESS	DOE-DP	STORED	>EDL	138 CANS	CH	138		C/P FORM 774 EXPERIMENTAL CA	
DR-MHE2211-E1-101375	OR	EXCESS	DOE-DP	STORED	>EDL	11 CANS	CH	11		C/P FORM 775 MISCELLANEO	
DR-MHE2212-E1-101376	OR	EXCESS	DOE-DP	STORED		OAK RIDGE NUCLEAR MATERIAL PROD. INVENTORY	CH	1		26 FOILS OF	
DR-MHE2212-E1-101377	OR	EXCESS	DOE-DP	STORED		OAK RIDGE NUCLEAR MATERIALS PROD. INVENTORY*	CH	1		26 FOILS OF LEPT	
DR-MHE2212-E1-101378	OR	EXCESS	DOE-DP	STORED		UNK	CH	1		10,000 GRAMS OF THORIUM	
DR-MHE2212-E1-101379	OR	PAL	DOE-DP	STORED	TH-232	UNK	CH	1		110 kg of TH O2 PELLET	
DR-MHE2212-E1-101380	OR	PAL	DOE-DP	STORED	TH-232	UNK	CH	1		4,140 GRAMS OF THORIUM	
DR-MHE2213-E1-101381	OR	PAL	DOE-DP	STORED			CH	402	1.79		
DR-OR1115-E1-100455	OR	NC DP TRU	DOE-DP	STORED	UAC	55 GAL METAL DRUMS (SOME ARE OVERPACKS)	CH	14	3.63		
DR-PAD1013-E1-100051	OR	PAL	DOE-DP	STORED	URANIUM	55 GAL DRUMS	CH	5	1.3		
DR-PAD1013-E1-100052	OR	SPAR	DOE-DP	STORED	HFP, TRU	55 GALLON METAL DRUMS	CH	9	2.33		
DR-PAD1013-E1-100053	OR	PAL	DOE-DP	STORED	PU-239	55-GALLON METAL DRUMS IN OVERPACKS	CH	8	2.07		
DR-PAD1013-E1-100054	OR	NC DP TRU	DOE-DP	STORED	TRANSP	112 MONEL CYLINDERS	CH	112	0.901	URANIUM FUEL IN MONEL C	
DR-POR1111-E1-100450	OR	EXCESS	DOE-DP	STORED			CH	34	0.34	VARIETY OF LIQUIDS FROM	
DR-POR2077-E1-101006	OR	EXCESS	DOE-DP	FUTURE	>EDL	5"DX41" (10 L)	CH	200	2	VARIETY OF LIQUIDS FROM	
DR-POR2077-E1-101007	OR	EXCESS	DOE-DP	FUTURE	>EDL	5"DX41" (10 L)	CH	150	1.5	VARIETY OF LIQUIDS FROM	
DR-POR2077-E1-101008	OR	EXCESS	DOE-DP	FUTURE	>EDL		CH	168	43.5	AL, HG, OR NA F	
DR-POR2077-E1-101009	OR	EXCESS	DOE-DP	FUTURE	>EDL		CH	11	2.65	AL, HG, OR NA F	
DR-POR2077-E1-101010	OR	EXCESS	DOE-DP	FUTURE	>EDL		CH	18	0.138	AL, HG, OR NA F	
DR-POR2077-E1-101011	OR	EXCESS	DOE-DP	FUTURE	>EDL	5"DX41" LONG (10 L)	CH	4	47		
DR-POR2077-E1-101012	OR	EXCESS	DOE-DP	FUTURE	>EDL		CH	30	7.77	AL-HG F	
DR-POR2077-E1-101013	OR	PAL	DOE-DP	FUTURE			CH	65	16.8	U FUEL IN MONEL CYLINDER	
DR-POR2077-E1-101015	OR	EXCESS	DOE-DP	STORED	>EDL	127 MONEL CYLINDERS	CH	127	1.14	VARIETY OF LIQUIDS FROM	
DR-POR2077-E1-101016	OR	EXCESS	DOE-DP	STORED	>EDL	5" POLY BOTTLE X 41" (10 LITERS)	CH	252	2.52	VARIETY OF LIQUIDS FROM	
DR-POR2077-E1-101017	OR	EXCESS	DOE-DP	STORED	>EDL	5" POLY BOTTLE X 41" (10 LITERS)	CH	31	0.31	VARIETY OF LIQUIDS FROM	
DR-POR2077-E1-101018	OR	EXCESS	DOE-DP	STORED	>EDL	5" X40" POLY BOTTLE (10 LITERS)	CH	38	0.38	VARIETY OF LIQUIDS FROM	
DR-POR2077-E1-101019	OR	EXCESS	DOE-DP	STORED	>EDL	METAL CANS 5" X 28"	CH	198		ALUMINUM MAGNESIUM	
DR-POR2077-E1-101020	OR	EXCESS	DOE-DP	STORED	>EDL	METAL CANS 5" X 28"	CH	40	30.6	ALUMINUM MAGNESIUM	
DR-POR2077-E1-101021	OR	EXCESS	DOE-DP	STORED	>EDL	5" POLY BOTTLE X 41" (10 LITERS)	CH	3	0.03	VARIETY OF LIQUIDS FROM	
DR-POR2077-E1-101023	OR	EXCESS	DOE-DP	STORED	TC-99	55-GAL DRUMS	CH	124	32.1	ALUMINA-MAGNESIUM	
DR-POR2077-E1-101024	OR	PAL	DOE-DP	STORED		10 LITER POLY BOTTLE 5" X 28"	CH	1		OILS FROM FILTER SYSTEM	
DR-POR2077-E1-101025	OR	PAL	DOE-DP	STORED	TC-99	55-GAL DRUMS	CH	36	9.32	ALUMINA-MAGNESIUM	
DR-POR2077-E1-101026	OR	PAL	DOE-DP	STORED		H/A	CH	2		PRINCIPLE CONSTITUENTS	
DR-VES1112-E1-100451	OR	PAL	DOE-DP	STORED	URANIUM DAUGHTERS		CH	2			
TOTAL								39158	109141.4		

FORM DESCRIPTION	TOTAL WGT. (kg)	TOTAL CI	AVE CI PER CONTAINER	TOTAL WATTS	AVE WATTS PER CONTAINER	MIXED WASTE
	3000	8.460E+04	2.4	2.180E+03	0.061	YES
	2200000	6.470E+02	2.5	1.664E+01	0.063	YES
ION EXCHANGE RESIN		1.040E+04	10400.0	1.773E+01	17.728	UNKNOWN
	524	2.210E+00	0.2	5.938E-02	0.006	NO
		1.298E+01	0.9	8.631E-02	0.006	NO
		2.149E-04	0.0	5.700E-06	0.000	NO
		4.286E+03	4285.8	1.342E+02	134.158	NO
50PPH		7.130E+01	7.9	2.127E+00	0.236	NO
UTIONS PRODUCT		2.990E-01	0.3	8.655E-03	0.009	NO
ASTINGS PRODUCT		3.740E-02	0.0	1.082E-03	0.001	NO
ODUCT		8.965E+00	1.8	2.600E-01	0.052	NO
PROCESS IRRADIATED		1.206E+03	6.3	3.608E+01	0.190	NO
ODUCT		1.510E+03	6.6	4.389E+01	0.191	NO
UTIONS PRODUCT		1.492E+00	0.5	4.200E-02	0.014	NO
ETAL UNIRRADIATED		6.033E+01	4.6	1.765E+00	0.136	NO
AL UNIRRADIATED		9.855E+00	3.3	2.860E+01	0.095	NO
IRRADIATED		1.155E+02	3.9	3.346E+00	0.112	NO
SLUGS		4.856E+00	0.3	1.420E-01	0.009	NO
3 STANDARDS		1.251E+00	1.3	3.700E-02	0.037	NO
SLUGS, ELEMENTS AND PINS		4.535E+02	3.3	1.314E+01	0.095	NO
US COMPOUNDS		5.300E+01	4.8	1.587E+00	0.144	NO
U FROM DOSIMETERS		1.630E+00	1.6	5.034E-02	0.050	NO
UINIUM FROM DOSIMETERS		2.160E-03	0.0	6.320E-05	0.000	NO
DISC SHAPE (11.5" DIA X .5")		1.110E-03	0.0	2.660E-05	0.000	NO
S & SOLID METAL THORIUM RODS		1.070E-02	0.0	2.572E-04	0.000	NO
OXIDE AS SLUGS, DISKS, & MISC		4.020E-04	0.0	9.600E-06	0.000	NO
METAL	4020	1.058E+03	2.6	3.059E+01	0.076	YES
PELLETS	2490	6.000E-03	0.0	1.624E-04	0.000	YES
	1150	2.690E+01	5.4	4.900E-02	0.010	YES
	2070	2.140E+00	0.2	1.000E-02	0.001	YES
	1840	1.073E+01	1.3	4.200E-02	0.005	YES
CYLINDERS URANIUM HEXAFLUORIDE	2390	2.700E+00	0.0	7.454E-02	0.001	NO
LABORATORIES	1610	9.000E-03	0.0	1.980E+00	0.058	NO
LABORATORIES	9480	8.600E-02	0.0	4.350E-01	0.002	NO
LABORATORIES	7110	4.700E-02	0.0	1.000E-03	0.000	NO
LABORATORIES	29200	2.846E+00	0.0	7.000E-03	0.000	NO
	3410	8.245E+00	0.8	1.500E-02	0.001	NO
	431	1.392E+00	0.1	3.000E-03	0.000	NO
	183	4.641E-04	0.0	1.050E-05	0.000	NO
	20800	8.630E-05	0.0	1.000E-07	0.000	NO
LUORIDE OR NAF	17200	1.030E+01	0.2	1.800E-02	0.000	NO
AS	5740	2.286E+02	1.8	6.751E+00	0.053	NO
LABORATORIES	11900	7.500E-02	0.0	1.000E-03	0.000	NO
LASS, OILS FROM VACUUM PUMPS	1470	1.300E-02	0.0	1.890E+00	0.061	NO
LABORATORIES	1800	1.200E-02	0.0	1.473E-04	0.000	NO
LUORIDE OR SODIUM FLUORIDE	5480	2.153E+00	0.0	5.000E-03	0.000	NO
LUORIDE OR SODIUM FLUORIDE	1000	4.363E+00	0.1	8.000E-03	0.000	NO
LABORATORIES	141	3.478E-04	0.0	1.800E+00	0.600	YES
LUORIDE OR SODIUM FLUORIDE	32400	4.544E+00	0.0	1.000E-02	0.000	NO
VACUUM PUMPS	78.1	5.189E-05	0.0	0.000E+00	0.000	NO
LUORIDE OR SODIUM FLUORIDE	9510	1.030E+01	0.3	1.800E-02	0.001	NO
ARE URANIUM & IRON	6860000	2.420E+03	1210.0	6.857E+01	34.283	YES
TOTAL	2.0E+08	2.939E+07	750.6			

Table 218 OAK RIDGE FIELD OFFICE SPECIAL CASE WASTE (SCW) PRIORITY EVALUATION

PRIORITY EVALUATION													
SCW ID CODE #	CONTINUE CURRENT STORAGE ACTIVITIES (CCSA)										IMPLEMENTATION OF		
	ESTIMATED RISK 10		PERCEIVED RISK 5		REGULATORY REQUIREMENTS 9	STORAGE		ESTIMATED COST 7	PRIORITY RATING	ESTIMATED RISK 10		ENVIRONMENTAL	PE
	ENVIRONMENTAL	HEALTH	INSTITUTIONAL	PUBLIC		AVAILABILITY 8	FEASIBILITY 8			ENVIRONMENTAL	HEALTH		
OR-DOE2214-E1-101382	LOW 1	MED 5	LOW 1	LOW 1	PROBLEM 10	YES 1	OK 1	LOW 1	148	LOW 1	LOW 1	LOW 1	1
OR-DOE2214-E1-101383	LOW 1	MED 5	LOW 1	LOW 1	PROBLEM 10	YES 1	OK 1	LOW 1	148	LOW 1	LOW 1	LOW 1	1
OR-DOE2214-E1-101384	LOW 1	LOW 1	LOW 1	LOW 1	OK 1	YES 1	OK 1	LOW 1	47	LOW 1	LOW 1	LOW 1	1
OR-DOE2214-E1-100456	LOW 1	LOW 1	LOW 1	LOW 1	7 5	YES 1	OK 1	LOW 1	83	LOW 1	LOW 1	LOW 1	1
OR-JEF11117-E1-100457	LOW 1	LOW 1	LOW 1	LOW 1	OK 1	YES 1	OK 1	LOW 1	47	LOW 1	LOW 1	LOW 1	1
OR-HKE11117-E1-100458	LOW 1	LOW 1	LOW 1	LOW 1	OK 1	YES 1	OK 1	LOW 1	47	LOW 1	LOW 1	LOW 1	1
OR-HKE2211-E1-101361	LOW 1	LOW 1	LOW 1	LOW 1	OK 1	YES 1	OK 1	LOW 1	47	LOW 1	LOW 1	LOW 1	1
OR-HKE2211-E1-101362	LOW 1	LOW 1	LOW 1	LOW 1	OK 1	YES 1	OK 1	LOW 1	47	LOW 1	LOW 1	LOW 1	1
OR-HKE2211-E1-101363	LOW 1	LOW 1	LOW 1	LOW 1	OK 1	YES 1	OK 1	LOW 1	47	LOW 1	LOW 1	LOW 1	1
OR-HKE2211-E1-101364	LOW 1	LOW 1	LOW 1	LOW 1	OK 1	YES 1	OK 1	LOW 1	47	LOW 1	LOW 1	LOW 1	1
OR-HKE2211-E1-101365	LOW 1	LOW 1	LOW 1	LOW 1	OK 1	YES 1	OK 1	LOW 1	47	LOW 1	LOW 1	LOW 1	1
OR-HKE2211-E1-101366	LOW 1	LOW 1	LOW 1	LOW 1	OK 1	YES 1	OK 1	LOW 1	47	LOW 1	LOW 1	LOW 1	1
OR-HKE2211-E1-101367	LOW 1	LOW 1	LOW 1	LOW 1	OK 1	YES 1	OK 1	LOW 1	47	LOW 1	LOW 1	LOW 1	1
OR-HKE2211-E1-101368	LOW 1	LOW 1	LOW 1	LOW 1	OK 1	YES 1	OK 1	LOW 1	47	LOW 1	LOW 1	LOW 1	1
OR-HKE2211-E1-101369	LOW 1	MED 5	LOW 1	LOW 1	OK 1	YES 1	OK 1	LOW 1	47	LOW 1	LOW 1	LOW 1	1
OR-HKE2211-E1-101370	LOW 1	LOW 1	LOW 1	LOW 1	OK 1	YES 1	OK 1	LOW 1	47	LOW 1	LOW 1	LOW 1	1
OR-HKE2211-E1-101371	LOW 1	LOW 1	LOW 1	LOW 1	OK 1	YES 1	OK 1	LOW 1	47	LOW 1	LOW 1	LOW 1	1
OR-HKE2211-E1-101372	LOW 1	LOW 1	LOW 1	LOW 1	OK 1	YES 1	OK 1	LOW 1	47	LOW 1	LOW 1	LOW 1	1
OR-HKE2211-E1-101373	LOW 1	LOW 1	LOW 1	LOW 1	OK 1	YES 1	OK 1	LOW 1	47	LOW 1	LOW 1	LOW 1	1
OR-HKE2211-E1-101374	LOW 1	LOW 1	LOW 1	LOW 1	OK 1	YES 1	OK 1	LOW 1	47	LOW 1	LOW 1	LOW 1	1
OR-HKE2211-E1-101375	LOW 1	LOW 1	LOW 1	LOW 1	OK 1	YES 1	OK 1	LOW 1	47	LOW 1	LOW 1	LOW 1	1
OR-HKE2211-E1-101376	LOW 1	LOW 1	LOW 1	LOW 1	OK 1	YES 1	OK 1	LOW 1	47	LOW 1	LOW 1	LOW 1	1
OR-HKE2212-E1-101377	LOW 1	LOW 1	LOW 1	LOW 1	OK 1	YES 1	OK 1	LOW 1	47	LOW 1	LOW 1	LOW 1	1
OR-HKE2212-E1-101378	LOW 1	LOW 1	LOW 1	LOW 1	OK 1	YES 1	OK 1	LOW 1	47	LOW 1	LOW 1	LOW 1	1
OR-HKE2212-E1-101379	LOW 1	LOW 1	LOW 1	LOW 1	OK 1	YES 1	OK 1	LOW 1	47	LOW 1	LOW 1	LOW 1	1
OR-HKE2212-E1-101380	LOW 1	LOW 1	LOW 1	LOW 1	OK 1	YES 1	OK 1	LOW 1	47	LOW 1	LOW 1	LOW 1	1
OR-HKE2213-E1-101381	LOW 1	LOW 1	LOW 1	LOW 1	OK 1	YES 1	OK 1	LOW 1	47	LOW 1	LOW 1	LOW 1	1
OR-ORH1115-E1-100455	CALL JEFF BALDWIN (FTS 626-5225). WIPP-MAC PROBLEM 777												
OR-PAD1013-E1-100051	LOW 1	LOW 1	LOW 1	LOW 1	PROBLEM 10	YES 1	OK 1	LOW 1	128	LOW 1	LOW 1	LOW 1	1
OR-PAD1013-E1-100052	LOW 1	LOW 1	LOW 1	LOW 1	PROBLEM 10	YES 1	OK 1	LOW 1	128	LOW 1	LOW 1	LOW 1	1
OR-PAD1013-E1-100053	LOW 1	LOW 1	LOW 1	LOW 1	PROBLEM 10	YES 1	OK 1	LOW 1	128	LOW 1	LOW 1	LOW 1	1
OR-PAD1013-E1-100054	LOW 1	LOW 1	LOW 1	LOW 1	OK 1	YES 1	OK 1	LOW 1	67	LOW 1	LOW 1	LOW 1	1
OR-POR1111-E1-100450	LOW 1	MED 5	LOW 1	LOW 1	OK 1	YES 1	OK 1	LOW 1	47	LOW 1	LOW 1	LOW 1	1
OR-POR2077-E1-101006	LOW 1	LOW 1	LOW 1	LOW 1	OK 1	YES 1	OK 1	LOW 1	47	LOW 1	LOW 1	LOW 1	1
OR-POR2077-E1-101007	LOW 1	LOW 1	LOW 1	LOW 1	OK 1	YES 1	OK 1	LOW 1	47	LOW 1	LOW 1	LOW 1	1
OR-POR2077-E1-101008	LOW 1	LOW 1	LOW 1	LOW 1	OK 1	YES 1	OK 1	LOW 1	47	LOW 1	LOW 1	LOW 1	1
OR-POR2077-E1-101009	LOW 1	LOW 1	LOW 1	LOW 1	OK 1	YES 1	OK 1	LOW 1	47	LOW 1	LOW 1	LOW 1	1
OR-POR2077-E1-101010	LOW 1	LOW 1	LOW 1	LOW 1	OK 1	YES 1	OK 1	LOW 1	47	LOW 1	LOW 1	LOW 1	1
OR-POR2077-E1-101011	LOW 1	LOW 1	MED 5	MED 5	PROBLEM 10	NO 10	OK 1	MED 5	248	LOW 1	LOW 1	LOW 1	1
OR-POR2077-E1-101012	LOW 1	LOW 1	MED 5	MED 5	7 5	YES 1	OK 1	LOW 1	103	LOW 1	LOW 1	LOW 1	1
OR-POR2077-E1-101013	LOW 1	LOW 1	LOW 1	LOW 1	OK 1	YES 1	OK 1	LOW 1	47	LOW 1	LOW 1	LOW 1	1
OR-POR2077-E1-101014	LOW 1	LOW 1	LOW 1	LOW 1	OK 1	YES 1	OK 1	LOW 1	47	LOW 1	LOW 1	LOW 1	1
OR-POR2077-E1-101015	LOW 1	LOW 1	LOW 1	LOW 1	OK 1	YES 1	OK 1	LOW 1	47	LOW 1	LOW 1	LOW 1	1
OR-POR2077-E1-101016	LOW 1	MED 5	LOW 1	LOW 1	OK 1	YES 1	OK 1	LOW 1	67	LOW 1	LOW 1	LOW 1	1
OR-POR2077-E1-101017	LOW 1	LOW 1	LOW 1	LOW 1	OK 1	YES 1	OK 1	LOW 1	47	LOW 1	LOW 1	LOW 1	1
OR-POR2077-E1-101018	LOW 1	LOW 1	LOW 1	LOW 1	OK 1	YES 1	OK 1	LOW 1	47	LOW 1	LOW 1	LOW 1	1
OR-POR2077-E1-101019	LOW 1	LOW 1	LOW 1	LOW 1	OK 1	YES 1	OK 1	LOW 1	47	LOW 1	LOW 1	LOW 1	1
OR-POR2077-E1-101020	LOW 1	LOW 1	LOW 1	LOW 1	OK 1	YES 1	OK 1	LOW 1	47	LOW 1	LOW 1	LOW 1	1
OR-POR2077-E1-101021	LOW 1	LOW 1	LOW 1	LOW 1	OK 1	YES 1	OK 1	LOW 1	47	LOW 1	LOW 1	LOW 1	1
OR-POR2077-E1-101022	LOW 1	LOW 1	LOW 1	LOW 1	OK 1	YES 1	OK 1	LOW 1	47	LOW 1	LOW 1	LOW 1	1
OR-POR2077-E1-101023	LOW 1	LOW 1	LOW 1	LOW 1	OK 1	YES 1	OK 1	LOW 1	47	LOW 1	LOW 1	LOW 1	1
OR-POR2077-E1-101024	LOW 1	LOW 1	LOW 1	LOW 1	OK 1	YES 1	OK 1	LOW 1	47	LOW 1	LOW 1	LOW 1	1
OR-POR2077-E1-101025	LOW 1	LOW 1	LOW 1	LOW 1	OK 1	YES 1	OK 1	LOW 1	47	LOW 1	LOW 1	LOW 1	1
OR-POR2077-E1-101026	LOW 1	LOW 1	LOW 1	LOW 1	OK 1	YES 1	OK 1	LOW 1	47	LOW 1	LOW 1	LOW 1	1
OR-WEST1112-E1-100451	HIGH 10	HIGH 10	HIGH 10	HIGH 10	PROBLEM 10	NO 10	OK 1	HIGH 10	398	MED 5	MED 5	MED 5	5

THE BEST AVAILABLE TREATMENT TECHNOLOGY (BAT)									
PERCEIVED RISK		5		TREATMENT		ESTIMATED COST		PRIORITY RATING	
INSTITUTIONAL	PUBLIC	REGULATORY REQUIREMENTS	9	AVAILABILITY	8	FEASIBILITY	8	PRIORITY EVALUATION	POTENTIAL RESOLUTION
LOW	1	LOW	1	PROBLEM	10	YES	1	128	-20 DECISION REQUIRED FOR RECOVERY (UF6)
LOW	1	LOW	1	PROBLEM	10	YES	1	128	-20 DECISION REQUIRED FOR RECOVERY (UF6)
LOW	1	LOW	1	OK	1	YES	1	47	0 PERFORM PA TO DETERMINE DISPOSAL METHOD AND LOCATION (Tc-99)
LOW	1	LOW	1	?	5	YES	1	115	32 SPECIFIC PA REQUIRED TO DETERMINE DISPOSAL METHOD AND LOCATION
LOW	1	LOW	1	OK	1	NO	10	182	135 HOLD FOR DISPOSAL IN HLW REPOSITORY
LOW	1	LOW	1	OK	1	YES	1	182	135 HOLD FOR DISPOSAL IN HLW REPOSITORY
LOW	1	LOW	1	OK	1	YES	1	47	0 (SCV 77) RECOVER (NORMAL AND ENR U - SMALL QUANTITY)
LOW	1	LOW	1	OK	1	YES	1	95	48 RECOVER U-233. NEED FOR U-233 IS NOT CERTAIN
LOW	1	LOW	1	OK	1	YES	1	95	48 RECOVER U-233. NEED FOR U-233 IS NOT CERTAIN
LOW	1	LOW	1	OK	1	YES	1	95	48 RECOVER U-233. NEED FOR U-233 IS NOT CERTAIN
LOW	1	LOW	1	OK	1	YES	1	95	48 RECOVER U-233. NEED FOR U-233 IS NOT CERTAIN
LOW	1	LOW	1	OK	1	NO	10	202	155 RECOVER U-233. NEED FOR U-233 IS NOT CERTAIN (IRRADIATED)
LOW	1	LOW	1	OK	1	YES	1	95	48 RECOVER U-233. NEED FOR U-233 IS NOT CERTAIN
LOW	1	LOW	1	OK	1	YES	1	95	48 RECOVER U-233. NEED FOR U-233 IS NOT CERTAIN
LOW	1	LOW	1	OK	1	YES	1	95	28 RECOVER U-233. NEED FOR U-233 IS NOT CERTAIN (NITRATE SOLUTIONS)
LOW	1	LOW	1	OK	1	YES	1	95	48 RECOVER U-233. NEED FOR U-233 IS NOT CERTAIN
LOW	1	LOW	1	OK	1	YES	1	95	48 RECOVER U-233. NEED FOR U-233 IS NOT CERTAIN
LOW	1	LOW	1	OK	1	YES	1	95	48 RECOVER U-233. NEED FOR U-233 IS NOT CERTAIN
LOW	1	LOW	1	OK	1	YES	1	95	48 RECOVER U-233. NEED FOR U-233 IS NOT CERTAIN
LOW	1	LOW	1	OK	1	YES	1	95	48 RECOVER U-233. NEED FOR U-233 IS NOT CERTAIN
LOW	1	LOW	1	OK	1	YES	1	95	48 RECOVER U-233. NEED FOR U-233 IS NOT CERTAIN
LOW	1	LOW	1	OK	1	YES	1	95	48 RECOVER U-233. NEED FOR U-233 IS NOT CERTAIN
LOW	1	LOW	1	OK	1	YES	1	47	0 PACKAGE AND SHIP TO PA RECOVERY FACILITY (i.e. RL, LANL)
LOW	1	LOW	1	OK	1	YES	1	47	0 PACKAGE AND SHIP TO NEPTUNIUM RECOVERY FACILITY (i.e. RL, LANL)
LOW	1	LOW	1	OK	1	YES	1	47	0 PERFORM PA TO DETERMINE DISPOSAL METHOD AND LOCATION (THORIUM)
LOW	1	LOW	1	OK	1	YES	1	47	0 PERFORM PA TO DETERMINE DISPOSAL METHOD AND LOCATION (THORIUM)
LOW	1	LOW	1	OK	1	YES	1	47	0 PERFORM PA TO DETERMINE DISPOSAL METHOD AND LOCATION (THORIUM)
LOW	1	LOW	1	PROBLEM	10	NO	10	200	72 PERFORM PA TO DETERMINE DISPOSAL METHOD AND LOCATION
LOW	1	LOW	1	PROBLEM	10	NO	10	200	72 SPECIFIC PA REQUIRED TO DETERMINE DISPOSAL METHOD AND LOCATION
LOW	1	LOW	1	PROBLEM	10	NO	10	200	72 PERFORM PA TO DETERMINE DISPOSAL METHOD AND LOCATION
LOW	1	LOW	1	PROBLEM	10	YES	1	128	0 IMMOBILIZE AND DETERMINE DISPOSAL LOCATION (LLW OR TRU)
PROBLEM	10	LOW	1	OK	1	YES	1	69.5	2.5 HIGH LEVEL DECISION REQUIRED FOR RECOVERY (FRENCH FUEL)
LOW	1	LOW	1	OK	1	NO	10	179	132 DEVELOP RECOVERY METHOD AND PROCESS (Tc CONTAMINATION)
LOW	1	LOW	1	?	5	YES	1	83	36 DEVELOP RECOVERY METHOD AND PROCESS (Tc CONTAMINATION)
LOW	1	LOW	1	?	5	NO	10	218	171 DEVELOP RECOVERY METHOD AND PROCESS (Tc CONTAMINATION)
LOW	1	LOW	1	?	5	YES	1	83	36 DEVELOP RECOVERY METHOD AND PROCESS (Tc CONTAMINATION)
LOW	1	LOW	1	?	5	YES	1	83	36 DEVELOP RECOVERY METHOD AND PROCESS (Tc CONTAMINATION)
LOW	1	LOW	1	?	5	YES	1	208	-40 DEVELOP RECOVERY METHOD AND PROCESS (Tc CONTAMINATION)
MED	5	MED	5	PROBLEM	10	?	5	143	40 DEVELOP RECOVERY METHOD AND PROCESS (Tc CONTAMINATION)
LOW	1	LOW	1	?	5	YES	1	147	100 PERFORM PA TO DETERMINE TREATMENT AND DISPOSAL METHOD AND LOCATION
LOW	1	LOW	1	OK	1	NO	10	147	100 PERFORM PA TO DETERMINE TREATMENT AND DISPOSAL METHOD AND LOCATION
LOW	1	LOW	1	OK	1	NO	10	147	100 PERFORM PA TO DETERMINE TREATMENT AND DISPOSAL METHOD AND LOCATION
LOW	1	LOW	1	OK	1	NO	10	47	-20 DECISION REQUIRED FOR RECOVERY (UF6)
LOW	1	LOW	1	OK	1	NO	10	179	132 DEVELOP RECOVERY METHOD AND PROCESS (Tc CONTAMINATION)
LOW	1	LOW	1	OK	1	NO	10	179	132 DEVELOP RECOVERY METHOD AND PROCESS (Tc CONTAMINATION)
LOW	1	LOW	1	OK	1	NO	10	179	132 DEVELOP RECOVERY METHOD AND PROCESS (Tc CONTAMINATION)
LOW	1	LOW	1	OK	1	NO	10	179	132 DEVELOP RECOVERY METHOD AND PROCESS (Tc CONTAMINATION)
LOW	1	LOW	1	OK	1	NO	10	179	132 DEVELOP RECOVERY METHOD AND PROCESS (Tc CONTAMINATION)
LOW	1	LOW	1	OK	1	NO	10	179	132 DEVELOP RECOVERY METHOD AND PROCESS (Tc CONTAMINATION)
LOW	1	LOW	1	OK	1	NO	10	147	100 PERFORM PA TO DETERMINE TREATMENT AND DISPOSAL METHOD AND LOCATION
LOW	1	LOW	1	OK	1	NO	10	147	100 PERFORM PA TO DETERMINE TREATMENT AND DISPOSAL METHOD AND LOCATION
LOW	1	LOW	1	OK	1	NO	10	147	100 PERFORM PA TO DETERMINE TREATMENT AND DISPOSAL METHOD AND LOCATION
MED	5	MED	5	PROBLEM	10	?	5	248	-150 PERFORM PA TO DETERMINE DISPOSAL METHOD AND LOCATION (COTTER CONC.)

TABLE 22A RICKLAND SPECIAL CASE WASTE (SCW) INFORMATION

RICKLAND DETAILED SCW INFORMATION							HANDLING METHOD
SCW ID CODE #	POSSESSOR LOCATION	SCW CATEGORY	TITLE	STATUS	PROBLEM	CONTAINER TYPE	
RL-BAT1108-E1-100427	RL	NC DP TRU	DOE-DP	STORED	WAC	DOT 17C 55-GAL GALVANIZED STEEL DRUM	CH
RL-BAT1108-E1-100428	RL	NC DP TRU	DOE-DP	STORED	WAC	DOT 17C 55-GAL GALVANIZED STEEL DRUM	CH
RL-BAT1108-E1-100429	RL	NC DP TRU	DOE-DP	STORED	WAC	DOT 17C 55-GAL GALVANIZED STEEL DRUM	CH
RL-BAT1108-E1-100430	RL	NC DP TRU	DOE-DP	STORED	WAC	DOT 17C 55-GAL GALVANIZED STEEL DRUM	CH
RL-BAT1108-E1-100431	RL	NC DP TRU	DOE-DP	STORED	WAC	DOT 17C 55-GAL GALVANIZED STEEL DRUM	CH
RL-BAT1108-E1-100432	RL	NC DP TRU	DOE-DP	STORED	WAC	DOT 17C 55-GAL GALVANIZED STEEL DRUM	CH
RL-BAT1108-E1-100433	RL	NC DP TRU	DOE-DP	STORED	SIZE	TRANSURANIC METAL BOX (TMB-5)	CH
RL-BAT1108-E1-100434	RL	NC DP TRU	DOE-DP	STORED	SIZE	TRANSURANIC METAL BOX (TMB-5)	CH
RL-BAT1108-E1-100435	RL	NC DP TRU	DOE-DP	STORED	SIZE	TRANSURANIC METAL BOX (TMB-5)	CH
RL-BAT1108-E1-100436	RL	NC DP TRU	DOE-DP	STORED	SIZE	TRANSURANIC METAL BOX (TMB-5)	CH
RL-BAT1108-E1-100437	RL	NC DP TRU	DOE-DP	STORED	SIZE	TRANSURANIC METAL BOX (TMB-5)	CH
RL-BAT1108-E1-100438	RL	NC DP TRU	DOE-DP	STORED	SIZE	TRANSURANIC METAL BOX (TMB-5)	CH
RL-BAT1108-E1-100439	RL	NC DP TRU	DOE-DP	STORED	SIZE	TRANSURANIC METAL BOX (TMB-5)	CH
RL-BAT1108-E1-100440	RL	NC DP TRU	DOE-DP	STORED	SIZE	TRANSURANIC METAL BOX (TMB-5)	CH
RL-GEN1104-E1-100420	RL	OTHER WASTE	DOE-DP	STORED	SPNT FUEL	CANISTERS	CH
RL-PAC1110-E1-100422	RL	SPAR	DOE-DP	STORED	CS-137	SPENT FUEL SAMPLES	CH
RL-PAC1110-E1-100423	RL	OTHER WASTE	DOE-NE	STORED	SPNT FUEL	CANISTER	CH
RL-PAC1110-E1-100444	RL	SPAR	DOE-NE	STORED	CS-137,SR-90	CANISTER	CH
RL-PAC1110-E1-100445	RL	SPAR	DOE-NE	STORED	CS-137	CANISTERS	CH
RL-PAC1110-E1-100446	RL	SPAR	DOE-DP	STORED	CS-137	CANISTERS	CH
RL-PAC1110-E1-100447	RL	NC DP TRU	DOE-DP	STORED	WAC	N/A	CH
RL-PAC1110-E1-100448	RL	OTHER MATL	DOE-NE	STORED	SPNT FUEL	CANISTER	CH
RL-PAC1110-E1-100449	RL	OTHER WASTE	DOE-NE	STORED	SPNT FUEL	PWR SPENT FUEL	CH
RL-PHL1105-E1-100421	RL	NC DP TRU	DOE-DP	STORED	SIZE	TMB5	CH
RL-PHL1105-E1-100422	RL	NC DP TRU	DOE-DP	STORED	TRANSP	TRANSURANIC METAL BOX I	CH
RL-PHL1107-E1-100425	RL	SPAR	DOE-NE	FUTURE	NB-94, TC-99, NI-63		CH
RL-PHL1107-E1-100426	RL	SPAR	DOE-NE	IN-USE	NB-94, TC-99, NI-63		CH
RL-PHL2215-E1-101385	RL	NC DP TRU	DOE-DP	STORED	WAC	1 GAL PAINT CANS COMPACTED IN 55 GAL DRUM	CH
RL-THO1106-E1-100423	RL	OTHER WASTE	DOE-NE	STORED	SPNT FUEL	WASTE: UNPACKAGED FUEL FRAGMENTS/HARDWARE	CH
RL-THO1106-E1-100424	RL	OTHER WASTE	DOE-NE	STORED	SPNT FUEL	4 IRRADIATED FUEL ASSEMB & MISC CUT SPENT FUEL RODS	CH
RL-WES1017-E1-100093	RL	OTHER WASTE	DOE-NE	STORED	SPNT FUEL	22 SHIELDED CASKS	CH
RL-WES1017-E1-100095	RL	NON DP GEN TRU	DOE-NE	STORED	NON-DP	8 FRP BOXES	CH
RL-WES1017-E1-100096	RL	OTHER WASTE	DOE-NE	STORED	SPNT FUEL	6 SHIELDED CASKS	CH
RL-WES1018-E1-100097	RL	OTHER WASTE	DOE-NE	STORED	SPNT FUEL	5 SHIELDED CASKS	CH
RL-WES1019-E1-100101	RL	SPAR	DOE-DP	DISPOSED	CS-137,SR-90	1 STEEL BOX	CH
RL-WES1020-E1-100103	RL	NON DP GEN TRU	DOE-NE	STORED	NON-DP	195 55-GALLON DRUM	CH
RL-WES1021-E1-100104	RL	NON DP GEN TRU	DOE-NE	STORED	NON-DP	374 (55 GALLON DRUMS)	CH
RL-WES1021-E1-100105	RL	NON DP GEN TRU	DOE-NE	STORED	NON-DP	27 BOXES	CH
RL-WES1022-E1-100106	RL	NON DP GEN TRU	DOE-NE	STORED	NON-DP	2 TANKS & BOXES	CH
RL-WES1023-E1-100108	RL	SPAR	DOE-DP	STORED	SR-90	304 55-GALLON DRUMS	CH
RL-WES1024-E1-100109	RL	SPAR	DOE-NE	DISPOSED	MFP,TRU	STEEL OVERPACK	CH
RL-WES1025-E1-100110	RL	NON DP GEN TRU	DOE-NE	STORED	NON-DP	14 SDS LINERS IN CONCRETE OVERPACKS	CH
RL-WES1026-E1-100111	RL	SPAR	DOE-NE	STORED	SR-90	1221 (55-GALLON DRUMS)	CH
RL-WES1028-E1-100113	RL	OTHER WASTE	DOE-NE	STORED	SPNT FUEL	TITANIUM OVERPACK (TRACS-25A)	CH
RL-WES1029-E1-100114	RL	OTHER WASTE	DOE-NE	STORED	SPNT FUEL	8 SHIELDED CASKS	CH
RL-WES1030-E1-100115	RL	OTHER WASTE	DOE-NE	STORED	SPNT FUEL	1 SHIELDED CASKS	CH
RL-WES1043-E1-100132	RL	OTHER WASTE	DOE-NE	STORED	SPNT FUEL	13 55-GAL DRUM	CH
RL-WES1087-E1-100439	RL	NON DP GEN TRU	DOE-NE	STORED	NON-DP	4 SHIELDED CASKS	CH
RL-WES1088-E1-100440	RL	PAL	DOE-DP	DISPOSED	CS-137	1 55-GAL DRUM	CH
RL-WES1089-E1-100441	RL	NON DP GEN TRU	DOE-NE	DISPOSED	NON-DP	16-ONE GALLON CANS	CH
RL-WES1093-E1-100401	RL	NC DP TRU	DOE-DP	STORED	TRANSP	203 55-GALLON DRUMS	CH
RL-WES1093-E1-100402	RL	NC DP TRU	DOE-DP	STORED	TRANSP	1 STEEL BOX	CH
RL-WES1096-E1-100411	RL	NC DP TRU	DOE-DP	STORED	WAC	3 STEEL BOXES	CH
RL-WES1096-E1-100412	RL	SPAR	DOE-DP	STORED	I-129	149 SINGLE SHELL & 28 DOUBLE SHELL TANKS	CH
RL-WES1096-E1-100413	RL	SPAR	DOE-DP	STORED	SR-90	CANYON WASTE	CH
RL-WES1096-E1-100414	RL	SPAR	DOE-DP	STORED	CS-137	640 STRONTIUM-90 CAPSULES	CH
RL-WES1096-E1-100415	RL	NC DP TRU	DOE-DP	STORED	WAC	1,576 CESIUM-137 CAPSULES	CH
RL-WES1096-E1-100416	RL	OTHER WASRE	DOE-DP	STORED	UNCH	CRIB TYPE STRUCTURES	CH
RL-WES3023-E1-100098	RL	SPAR	DOE-DP	DISPOSED	CS-137,SR-90	NUCLEAR REACTORS	CH
RL-WES3024-E1-100099	RL	NC DP TRU	DOE-DP	STORED	WAC	1 CONCRETE BOX	CH
						43 55-GALLON DRUMS	CH

IG	NUMBER OF CONTAINERS	TOTAL VOL. (m³)	FORM DESCRIPTION	TOTAL WGT. (kg)	TOTAL CI	AVE CI PER CONTAINER	TOTAL WATTS	AVE WATTS PER CONTAINER	MIXED WASTE
	1	0.26		84.8	1.800E-01	0.2	9.250E-01	0.925	NO
	1	0.26		45.4	2.627E+00	2.6	7.000E-03	0.007	NO
	1	0.26		54.4	4.550E-01	0.5	5.000E-03	0.005	NO
	1	0.26			1.418E+01	14.2	3.200E-02	0.032	NO
	1	0.26			2.920E-01	0.3	1.000E-03	0.001	NO
	1	0.26			3.481E+00	3.5	2.000E-02	0.020	NO
	1	0.26		1680	1.525E+01	15.2	3.500E-02	0.035	NO
	1	9.74		1930	4.434E+00	4.4	1.000E-02	0.010	NO
	1	9.74		2450	4.435E+01	44.4	1.010E-01	0.101	NO
	1	9.74		2110	4.434E+00	4.4	1.000E-02	0.010	NO
	1	9.74		1810	7.391E+00	7.4	1.700E-02	0.017	NO
	1	9.74		2490	4.134E+01	41.3	9.500E-02	0.095	NO
	1	9.74		2090	1.480E+00	1.5	3.000E-03	0.003	NO
	1	9.74		1810	2.952E+00	3.0	7.000E-03	0.007	NO
UNKNOWN	2	0.379	IRRADIATED BWR FUEL ROOS	1270	1.107E+02	ERR	1.360E-01	ERR	NO
UNKNOWN	2	0.379	BOROSILICATE GLASS	1270	1.920E+04	9600.0	1.265E+02	63.267	NO
	4	0.366	BOROSILICATE GLASS	1810	8.070E+04	ERR	ERR	ERR	NO
	1	0.0915	BOROSILICATE GLASS	227	1.500E+03	20175.0	5.492E+02	137.295	NO
	2	0.159	BOROSILICATE GLASS	408	3.819E+03	1500.0	1.041E+01	10.408	NO
	1	0.142	BOROSILICATE GLASS LEFT IN MELTERS	338	4.490E+05	1909.5	2.613E+01	13.066	NO
	2	0.184	BOROSILICATE GLASS	263	2.427E+05	449000.0	2.502E+03	2502.171	NO
	3	1.54		1580	3.450E+05	121350.0	1.325E+03	662.418	NO
	1	9.6	D & D SCRAP, OLD VESSELS, SOME LIQUID	6470	7.729E+01	115000.0	0.000	0.000	NO
	1	2.32	HEPA FILTERS	234	1.622E+00	77.3	2.430E-01	0.243	NO
UNKNOWN	1	0.001	METAL PIECES		1.288E+02	1.6	6.000E-03	0.006	NO
UNKNOWN	1	0.001	METAL PIECES	1	4.293E+01	ERR	1.100E-02	ERR	NO
300	1.14	PLASTIC, ABRASIVE WHEELS, METALS, GLASS			0.0	1.040E-01	0.104	0.104	NO
UNKNOWN			WASTE IS IN SOLID FORM		6.244E+03	ERR	7.066E+00	ERR	UNKNOWN
UNKNOWN			R & D MATERIAL IS IN SOLID FORM		4.071E+04	ERR	4.536E+01	ERR	UNKNOWN
	22	117			2.507E+05	11395.5	0.000	0.000	YES
	8	87.5			5.010E-02	0.0	1.549E-03	0.000	NO
	6	4.16		13600	6.004E+04	10006.2	1.148E+00	0.191	YES
	5	3.47		11300	1.241E+04	2482.0	1.888E+01	3.776	YES
	1	7.79		20000	4.900E+04	49000.0	2.508E+02	250.787	NO
	195	50.5			3.480E+01	0.2	1.078E+00	0.006	NO
	374	96.9			3.300E+01	0.1	1.022E+00	0.003	NO
	27	174			5.010E-01	0.0	1.735E-02	0.001	NO
	2	11.9			1.940E+00	1.0	6.188E-02	0.031	NO
	304	78.7		37900	1.470E+01	0.0	4.547E-01	0.001	NO
	1	0.396		2190	1.580E+04	15800.0	5.090E+01	50.901	NO
	14	5.55		7620	1.200E+05	8571.4	6.096E+02	43.544	NO
	1221	316		277000	6.793E+04	55.6	1.056E+02	0.087	YES
	1	0.906		680	7.020E+04	70200.0	2.261E+02	226.071	NO
	8	5.55		18100		0.0		0.000	YES
	1	0.807		2720	3.900E+01	39.0	3.369E-01	0.337	YES
	13	3.37		1060	3.980E+02	30.6		0.000	YES
	4	2.87		9070	4.825E+03	1206.3	6.971E+00	1.743	YES
	1	0.259			3.750E-01	0.4	1.160E-02	0.012	NO
	16	0.0725		109	2.200E+02	13.8	1.527E+00	0.095	NO
	203	52.6			4.879E+04	240.3	1.075E+02	0.529	NO
	1	9.61		4080	1.344E+01	13.4	8.700E-02	0.087	YES
	3	21		6440	1.639E+02	54.6	9.740E-01	0.325	YES
	177	852000			2.006E+08	1133432.8	1.018E+06	5750.390	YES
	1	34000			1.400E+07	14000000.0	6.831E+03	6831.223	YES
	640	1.14			3.320E+07	51875.0	1.070E+05	167.119	NO
	1576	2.91			7.550E+07	47906.1	5.239E+05	332.410	NO
	24	32000		58000000	1.359E+04	566.3	9.789E+01	4.079	YES
	8	11480		90000000	2.000E+05	25000.0	1.388E+03	173.469	YES
	1	38.5		36300	7.100E+05	710000.0	3.626E+03	3625.509	NO
	48	12.4			6.800E+00	0.1		0.000	YES
ITAL	5238	930681.3		TOTAL	1.5E+08	3.261E+08	62262.5		

Table 228 RICKLAND FIELD OFFICE SPECIAL CASE WASTE (SCW) PRIORITY EVALUATION

PRIORITY EVALUATION																	
SCW ID CODE #	CONTINUE CURRENT STORAGE ACTIVITIES (CCSA)										IMPLEMENTATION O						
	ESTIMATED RISK 10		PERCEIVED RISK 5		REGULATORY REQUIREMENTS 9	STORAGE		ESTIMATED COST 7	PRIORITY RATING	ESTIMATED RISK 10		P					
	ENVIRONMENTAL	HEALTH	INSTITUTIONAL	PUBLIC		AVAILABILITY 8	FEASIBILITY 8			ENVIRONMENTAL	HEALTH						
													ENVIRONMENTAL	HEALTH	ENVIRONMENTAL	HEALTH	
RL-BAT1108-E1-100427	LOW	1	LOW	1	OK	1	YES	1	OK	1	LOW	1	47	LOW	1	MED	5
RL-BAT1108-E1-100428	LOW	1	LOW	1	OK	1	YES	1	OK	1	LOW	1	47	LOW	1	MED	5
RL-BAT1108-E1-100429	LOW	1	LOW	1	OK	1	YES	1	OK	1	LOW	1	47	LOW	1	MED	5
RL-BAT1108-E1-100430	LOW	1	LOW	1	OK	1	YES	1	OK	1	LOW	1	47	LOW	1	MED	5
RL-BAT1108-E1-100431	LOW	1	LOW	1	OK	1	YES	1	OK	1	LOW	1	47	LOW	1	MED	5
RL-BAT1108-E1-100432	LOW	1	LOW	1	OK	1	YES	1	OK	1	LOW	1	47	LOW	1	MED	5
RL-BAT1108-E1-100433	LOW	1	LOW	1	OK	1	YES	1	OK	1	LOW	1	47	LOW	1	MED	5
RL-BAT1108-E1-100434	LOW	1	LOW	1	OK	1	YES	1	OK	1	LOW	1	47	LOW	1	MED	5
RL-BAT1108-E1-100435	LOW	1	LOW	1	OK	1	YES	1	OK	1	LOW	1	47	LOW	1	MED	5
RL-BAT1108-E1-100436	LOW	1	LOW	1	OK	1	YES	1	OK	1	LOW	1	47	LOW	1	MED	5
RL-BAT1108-E1-100437	LOW	1	LOW	1	OK	1	YES	1	OK	1	LOW	1	47	LOW	1	MED	5
RL-BAT1108-E1-100438	LOW	1	LOW	1	OK	1	YES	1	OK	1	LOW	1	47	LOW	1	MED	5
RL-BAT1108-E1-100439	LOW	1	LOW	1	OK	1	YES	1	OK	1	LOW	1	47	LOW	1	MED	5
RL-BAT1108-E1-100440	LOW	1	LOW	1	OK	1	YES	1	OK	1	LOW	1	47	LOW	1	MED	5
RL-GEN1104-E1-100420	LOW	1	LOW	1	OK	1	YES	1	OK	1	LOW	1	47	LOW	1	LOW	1
RL-PAC1110-E1-100442	LOW	1	LOW	1	OK	1	YES	1	OK	1	LOW	1	47	LOW	1	LOW	1
RL-PAC1110-E1-100443	LOW	1	LOW	1	OK	1	YES	1	OK	1	LOW	1	47	LOW	1	LOW	1
RL-PAC1110-E1-100444	LOW	1	LOW	1	OK	1	YES	1	OK	1	LOW	1	47	LOW	1	LOW	1
RL-PAC1110-E1-100445	LOW	1	LOW	1	OK	1	YES	1	OK	1	LOW	1	47	LOW	1	LOW	1
RL-PAC1110-E1-100446	LOW	1	LOW	1	OK	1	YES	1	OK	1	LOW	1	47	LOW	1	MED	5
RL-PAC1110-E1-100447	LOW	1	LOW	1	OK	1	YES	1	OK	1	LOW	1	47	LOW	1	LOW	1
RL-PAC1110-E1-100448	LOW	1	LOW	1	OK	1	YES	1	OK	1	LOW	1	47	LOW	1	LOW	1
RL-PAC1110-E1-100449	LOW	1	LOW	1	OK	1	YES	1	OK	1	LOW	1	47	LOW	1	LOW	1
RL-PHL1105-E1-100421	LOW	1	LOW	1	OK	1	YES	1	OK	1	LOW	1	47	LOW	1	MED	5
RL-PHL1105-E1-100422	LOW	1	LOW	1	OK	1	YES	1	OK	1	LOW	1	47	LOW	1	MED	5
RL-PHL1107-E1-100425	LOW	1	LOW	1	OK	1	YES	1	OK	1	LOW	1	47	LOW	1	LOW	1
RL-PHL1107-E1-100426	LOW	1	LOW	1	OK	1	YES	1	OK	1	LOW	1	47	LOW	1	LOW	1
RL-PHL2215-E1-101385	LOW	1	LOW	1	OK	1	YES	1	OK	1	LOW	1	47	LOW	1	MED	5
RL-THO1106-E1-100423	LOW	1	LOW	1	7	5	YES	1	OK	1	LOW	1	83	LOW	1	LOW	1
RL-THO1106-E1-100424	LOW	1	LOW	1	7	5	YES	1	OK	1	LOW	1	83	LOW	1	LOW	1
RL-WES1017-E1-100093	LOW	1	LOW	1	PROBLEM	10	YES	1	OK	1	LOW	1	128	LOW	1	LOW	1
RL-WES1017-E1-100095	LOW	1	LOW	1	OK	1	YES	1	OK	1	LOW	1	47	LOW	1	LOW	1
RL-WES1017-E1-100096	LOW	1	LOW	1	PROBLEM	10	YES	1	OK	1	LOW	1	128	LOW	1	LOW	1
RL-WES1018-E1-100097	LOW	1	LOW	1	PROBLEM	10	YES	1	OK	1	LOW	1	128	LOW	1	LOW	1
RL-WES1019-E1-100101	LOW	1	LOW	1	OK	1	YES	1	OK	1	LOW	1	47	LOW	1	LOW	1
RL-WES1020-E1-100103	LOW	1	LOW	1	OK	1	YES	1	OK	1	LOW	1	47	LOW	1	LOW	1
RL-WES1021-E1-100104	LOW	1	LOW	1	OK	1	YES	1	OK	1	LOW	1	47	LOW	1	LOW	1
RL-WES1021-E1-100105	LOW	1	LOW	1	OK	1	YES	1	OK	1	LOW	1	47	LOW	1	LOW	1
RL-WES1022-E1-100106	LOW	1	LOW	1	OK	1	YES	1	OK	1	LOW	1	47	LOW	1	LOW	1
RL-WES1022-E1-100107	LOW	1	LOW	1	OK	1	YES	1	OK	1	LOW	1	47	LOW	1	LOW	1
RL-WES1023-E1-100108	LOW	1	LOW	1	OK	1	YES	1	OK	1	LOW	1	47	LOW	1	LOW	1
RL-WES1024-E1-100109	LOW	1	LOW	1	OK	1	YES	1	OK	1	LOW	1	47	LOW	1	LOW	1
RL-WES1025-E1-100110	LOW	1	LOW	1	PROBLEM	10	YES	1	OK	1	LOW	1	128	LOW	1	LOW	1
RL-WES1026-E1-100111	LOW	1	LOW	1	OK	1	YES	1	OK	1	LOW	1	47	LOW	1	LOW	1
RL-WES1026-E1-100113	LOW	1	LOW	1	PROBLEM	10	YES	1	OK	1	LOW	1	128	LOW	1	LOW	1
RL-WES1029-E1-100114	LOW	1	LOW	1	PROBLEM	10	YES	1	OK	1	LOW	1	128	LOW	1	LOW	1
RL-WES1030-E1-100115	LOW	1	LOW	1	PROBLEM	10	YES	1	OK	1	LOW	1	128	LOW	1	LOW	1
RL-WES1043-E1-100132	LOW	1	LOW	1	PROBLEM	10	YES	1	OK	1	LOW	1	128	LOW	1	LOW	1
RL-WES1037-E1-100439	LOW	1	LOW	1	OK	1	YES	1	OK	1	LOW	1	47	LOW	1	LOW	1
RL-WES1038-E1-100440	LOW	1	LOW	1	OK	1	YES	1	OK	1	LOW	1	47	LOW	1	LOW	1
RL-WES1039-E1-100441	LOW	1	LOW	1	OK	1	YES	1	OK	1	LOW	1	47	LOW	1	LOW	1
RL-WES1093-E1-100401	LOW	1	LOW	1	PROBLEM	10	YES	1	OK	1	LOW	1	128	LOW	1	MED	5
RL-WES1093-E1-100402	LOW	1	LOW	1	PROBLEM	10	YES	1	OK	1	LOW	1	128	LOW	1	MED	5
RL-WES1096-E1-100411	MED	5	MED	5	PROBLEM	10	YES	1	OK	1	LOW	1	213	MED	5	MED	5
RL-WES1096-E1-100412	MED	5	MED	5	PROBLEM	10	YES	1	OK	1	LOW	1	188	MED	5	MED	5
RL-WES1096-E1-100413	LOW	1	LOW	1	OK	1	YES	1	OK	1	LOW	1	47	LOW	1	LOW	1
RL-WES1096-E1-100414	LOW	1	LOW	1	OK	1	YES	1	OK	1	LOW	1	47	LOW	1	LOW	1
RL-WES1096-E1-100415	MED	5	MED	5	PROBLEM	10	YES	1	OK	1	LOW	1	188	MED	5	MED	5
RL-WES1096-E1-100416	LOW	1	LOW	1	7	5	YES	1	OK	1	LOW	1	83	MED	5	MED	5
RL-WES3023-E1-100098	LOW	1	LOW	1	OK	1	YES	1	OK	1	LOW	1	47	LOW	1	LOW	1
RL-WES3024-E1-100099	LOW	1	LOW	1	PROBLEM	10	YES	1	OK	1	LOW	1	128	LOW	1	MED	5

RECEIVED RISK		5		TREATMENT				ESTIMATED COST		PRIORITY	PRIORITY	POTENTIAL RESOLUTION	
TITUTIONAL	PUBLIC	REGULATORY REQUIREMENTS	9	AVAILABILITY	8	FEASIBILITY	8	COST	7	RATING	EVALUATION		
LOW	1	OK	1	NO	10	YES	1	MED	5	167	120	IMMOBILIZE, PACKAGE AND SEND TO WIPP	
LOW	1	OK	1	NO	10	YES	1	MED	5	167	120	IMMOBILIZE, PACKAGE AND SEND TO WIPP	
LOW	1	OK	1	NO	10	YES	1	MED	5	167	120	IMMOBILIZE, PACKAGE AND SEND TO WIPP	
LOW	1	OK	1	NO	10	YES	1	MED	5	167	120	IMMOBILIZE, PACKAGE AND SEND TO WIPP	
LOW	1	OK	1	NO	10	YES	1	MED	5	167	120	IMMOBILIZE, PACKAGE AND SEND TO WIPP	
LOW	1	OK	1	NO	10	YES	1	MED	5	167	120	IMMOBILIZE, PACKAGE AND SEND TO WIPP	
LOW	1	OK	1	NO	10	YES	1	MED	5	167	120	SIZE REDUCE, REPACKAGE AND SEND TO WIPP	
LOW	1	OK	1	NO	10	YES	1	MED	5	167	120	SIZE REDUCE, REPACKAGE AND SEND TO WIPP	
LOW	1	OK	1	NO	10	YES	1	MED	5	167	120	SIZE REDUCE, REPACKAGE AND SEND TO WIPP	
LOW	1	OK	1	NO	10	YES	1	MED	5	167	120	SIZE REDUCE, REPACKAGE AND SEND TO WIPP	
LOW	1	OK	1	NO	10	YES	1	MED	5	167	120	SIZE REDUCE, REPACKAGE AND SEND TO WIPP	
LOW	1	OK	1	NO	10	YES	1	MED	5	167	120	SIZE REDUCE, REPACKAGE AND SEND TO WIPP	
LOW	1	OK	1	NO	10	YES	1	MED	5	167	120	SIZE REDUCE, REPACKAGE AND SEND TO WIPP	
LOW	1	OK	1	NO	10	YES	1	MED	5	167	120	SIZE REDUCE, REPACKAGE AND SEND TO WIPP	
LOW	1	OK	1	NO	10	YES	1	HIGH	10	182	135	HOLD AND PACKAGE FOR A HLW REPOSITORY	
LOW	1	OK	1	NO	10	YES	1	MED	5	147	100	SPECIFIC PA REQUIRED TO DETERMINE DISPOSAL METHOD AND LOCATION (HFP)	
LOW	1	OK	1	NO	10	YES	1	HIGH	10	182	135	HOLD AND PACKAGE FOR A HLW REPOSITORY	
LOW	1	OK	1	NO	10	YES	1	MED	5	147	100	SPECIFIC PA REQUIRED TO DETERMINE DISPOSAL METHOD AND LOCATION (HFP)	
LOW	1	OK	1	NO	10	YES	1	MED	5	147	100	SPECIFIC PA REQUIRED TO DETERMINE DISPOSAL METHOD AND LOCATION (HFP)	
LOW	1	OK	1	NO	10	YES	1	MED	5	167	120	REPACKAGE AND SEND TO WIPP	
LOW	1	OK	1	NO	10	YES	1	MED	5	167	120	REPACKAGE AND SEND TO WIPP	
LOW	1	OK	1	NO	10	YES	1	HIGH	10	182	135	HOLD AND PACKAGE FOR A HLW REPOSITORY	
LOW	1	OK	1	NO	10	YES	1	HIGH	10	182	135	HOLD AND PACKAGE FOR A HLW REPOSITORY	
LOW	1	OK	1	NO	10	YES	1	MED	5	167	120	REPACKAGE TO MEET TRUPACT-II CRITERIA, SHIP TO WIPP	
LOW	1	OK	1	NO	10	YES	1	MED	5	167	120	REPACKAGE TO MEET TRUPACT-II CRITERIA, SHIP TO WIPP	
LOW	1	OK	1	NO	10	YES	1	MED	5	147	100	SPECIFIC PA REQUIRED TO DETERMINE DISPOSAL METHOD AND LOCATION (Cs)	
LOW	1	OK	1	NO	10	YES	1	MED	5	147	100	SPECIFIC PA REQUIRED TO DETERMINE DISPOSAL METHOD AND LOCATION (Cs)	
LOW	1	OK	1	NO	10	YES	1	MED	5	167	120	REPACKAGE AND SEND TO WIPP	
LOW	1	?	5	NO	10	YES	1	HIGH	10	218	135	HOLD AND PACKAGE FOR A HLW REPOSITORY	
LOW	1	?	5	NO	10	YES	1	HIGH	10	218	135	HOLD AND PACKAGE FOR A HLW REPOSITORY	
LOW	1	PROBLEM	10	NO	10	YES	1	HIGH	10	263	135	HOLD AND PACKAGE FOR A HLW REPOSITORY	
LOW	1	OK	1	NO	10	YES	1	HIGH	10	182	135	NEED TO DESIGNATE A DISPOSAL FACILITY OR SEND TO HLW REPOSITORY	
LOW	1	PROBLEM	10	NO	10	YES	1	HIGH	10	263	135	HOLD AND PACKAGE FOR A HLW REPOSITORY	
LOW	1	PROBLEM	10	NO	10	YES	1	HIGH	10	263	135	HOLD AND PACKAGE FOR A HLW REPOSITORY	
LOW	1	OK	1	? 5	YES	1	LOW	1	79	32	32	SPECIFIC PA REQUIRED TO DETERMINE DISPOSAL METHOD AND LOCATION	
LOW	1	OK	1	NO	10	YES	1	HIGH	10	182	135	NEED TO DESIGNATE A DISPOSAL FACILITY OR SEND TO HLW REPOSITORY	
LOW	1	OK	1	NO	10	YES	1	HIGH	10	182	135	NEED TO DESIGNATE A DISPOSAL FACILITY OR SEND TO HLW REPOSITORY	
LOW	1	OK	1	NO	10	YES	1	HIGH	10	182	135	NEED TO DESIGNATE A DISPOSAL FACILITY OR SEND TO HLW REPOSITORY	
LOW	1	OK	1	NO	10	YES	1	HIGH	10	182	135	NEED TO DESIGNATE A DISPOSAL FACILITY OR SEND TO HLW RE	

Table 23A ROCKY FLATS SPECIAL CASE WASTE (SCW) INFORMATION

ROCKY FLATS DETAILED SCW INFORMATION										
SCW ID CODE #	POSSESSOR LOCATION	SCW CATEGORY	TITLE	STATUS	PROBLEM	CONTAINER TYPE	HANDLING METHOD	NUMBER OF CONTAINERS	TOTAL VOL. (m³)	
RF-ROC1095-E1-100406	RF	NC DP TRU	DP	STORED	SIZE	BOX(4X4X7)	CH	23	73	META
RF-ROC1095-E1-100407	RF	NC DP TRU	DP	STORED	TRANSPORT	55GAL DRH	CH	474	123	
RF-ROC1095-E1-100408	RF	NC DP TRU	DP	STORED	TRANSPORT	55GAL DRH	CH	473	123	
RF-ROC1095-E1-100409	RF	NC DP TRU	DP	FUTURE	TRANSPORT	55GAL DRH	CH	400/YR	104/YR	
RF-ROC1095-E1-100410	RF	NC DP TRU	DP	STORED	CLASSIFIED	55GAL DRH	CH	168	43.5	
TOTAL								1138	362.5	

Table 23B ROCKY FLATS SPECIAL CASE WASTE (SCW) PRIORITY EVALUATION

PRIORITY EVALUATION														
CONTINUE CURRENT STORAGE ACTIVITIES (CCSA)											IMPLEMENTATION			
SCW ID CODE #	ESTIMATED RISK 10		PERCEIVED RISK 5		REGULATORY REQUIREMENTS 9	STORAGE		ESTIMATED COST 7	PRIORITY RATING	ESTIMATED RISK 10		ENVIRONMENTAL	HEALTH	INS
	ENVIRONMENTAL	HEALTH	INSTITUTIONAL	PUBLIC		AVAILABILITY 8	FEASIBILITY 8			ENVIRONMENTAL	HEALTH			
RF-ROC1095-E1-100406	LOW 1	LOW 1	MED 5	HIGH 10	PROBLEM 10	YES 1	SPACE 10	LOW 1	232.5	LOW 1	MED 5			
RF-ROC1095-E1-100407	LOW 1	LOW 1	MED 5	HIGH 10	PROBLEM 10	YES 1	SPACE 10	LOW 1	232.5	LOW 1	MED 5			
RF-ROC1095-E1-100408	LOW 1	LOW 1	MED 5	HIGH 10	PROBLEM 10	YES 1	SPACE 10	LOW 1	232.5	LOW 1	MED 5			
RF-ROC1095-E1-100409	LOW 1	LOW 1	MED 5	HIGH 10	PROBLEM 10	YES 1	SPACE 10	LOW 1	232.5	LOW 1	MED 5			
RF-ROC1095-E1-100410	LOW 1	LOW 1	MED 5	HIGH 10	OK 1	YES 1	SPACE 10	LOW 1	151.5	LOW 1	MED 5			

FORM DESCRIPTION	TOTAL WGT.(kg)	TOTAL Ci	AVE Ci PER CONTAINER	TOTAL WATTS	AVE WATTS PER CONTAINER	MIXED WASTE
AL, FILTERS ETC.	24700	7.550E+02	32.8	4.100E+00	0.178	Y
CC 801 & 802	117000	6.690E+02	1.4	3.600E+00	0.008	Y
IO 801 OR 802	85000	1.968E+03	4.2	1.070E+01	0.023	Y
?	81600/YR	1535.1/YR	3.8	8.37/YR	0.021	Y
GRAPHITE	15200	7.200E+00	0.0	4.000E-02	0.000	N
TOTAL	241900	3.399E+03	3.0			

THE BEST AVAILABLE TREATMENT TECHNOLOGY (BAT)									
PERCEIVED RISK		REGULATORY REQUIREMENTS		TREATMENT		ESTIMATED COST	PRIORITY RATING	PRIORITY EVALUATION	POTENTIAL RESOLUTION
INSTITUTIONAL	PUBLIC			AVAILABILITY	FEASIBILITY				
LOW	1	OK	1	YES	1	LOW	1	67	REPACKAGE-IM. SVS WHEN WIPP OPENS.
LOW	1	PROBLEM	10	NO	10	MED	5	320	TREAT AND REPACKAGE TO MEET TRUPACT-II PCP
LOW	1	OK	1	YES	1	MED	5	95	REPACKAGE TO MEET TRUPACT-II WATTAGE REQUIREMENTS
LOW	1	OK	1	YES	1	LOW	1	67	PLANNING REQUIRED TO PACKAGE WASTE TO MEET CRITERIA
LOW	1	OK	1	NO	10	MED	5	239	DESTROY CLASSIFIED SHAPES

TABLE 24A SAN FRANCISCO SPECIAL CASE WASTE (SCW) INFORMATION

SAN FRANCISCO DETAILED SCW INFORMATION										
SCW ID CODE #	POSSESSOR LOCATION	SCW CATEGORY	TITLE	STATUS	PROBLEM	CONTAINER TYPE	HANDLING METHOD	NUMBER OF CONTAINERS	TOTAL VOL. (m ³)	FO DESCR
SA-LAW1016-E1-100065	SAH	NC DP TRU	DOE-DP	STORED	TRANSP	DOT 7A TYPE A BOX	CH	1	5.87	GLOVEBOXES, EQU
SA-LAW1016-E1-100066	SAH	NC DP TRU	DOE-DP	STORED	TRANSP	DOT 7A TYPE A BOX	CH	1	7.07	GLOVEBOXES, EQU
SA-LAW1016-E1-100067	SAH	NC DP TRU	DOE-DP	STORED	TRANSP	DOT 7A TYPE A BOX	CH	1	8.43	GLOVEBOXES, EQU
SA-LAW1016-E1-100068	SAH	NC DP TRU	DOE-DP	STORED	TRANSP	DOT 7A TYPE A BOX	CH	1	7.07	GLOVEBOXES, EQU
SA-LAW1016-E1-100069	SAH	NC DP TRU	DOE-DP	STORED	TRANSP	DOT 7A TYPE A BOX	CH	1	6.5	GLOVEBOXES, EQU
SA-LAW1016-E1-100070	SAH	NC DP TRU	DOE-DP	STORED	TRANSP	DOT 7A TYPE A BOX	CH	1	7.63	GLOVEBOXES, EQU
SA-LAW1016-E1-100071	SAH	NC DP TRU	DOE-DP	STORED	TRANSP	DOT 7A TYPE A BOX	CH	1	7.89	GLOVEBOXES, EQU
SA-LAW1016-E1-100072	SAH	NC DP TRU	DOE-DP	STORED	TRANSP	DOT 7A TYPE A BOX	CH	1	8.68	GLOVEBOXES, EQU
SA-LAW1016-E1-100073	SAH	NC DP TRU	DOE-DP	STORED	TRANSP	DOT 7A TYPE A BOX	CH	1	4.24	GLOVEBOXES, EQU
SA-LAW1016-E1-100074	SAH	NC DP TRU	DOE-DP	STORED	TRANSP	DOT 7A TYPE A BOX	CH	1	5.57	GLOVEBOXES, EQU
SA-LAW1016-E1-100075	SAH	NC DP TRU	DOE-DP	STORED	TRANSP	DOT 7A TYPE A BOX	CH	1	4.49	GLOVEBOXES, EQU
SA-LAW1016-E1-100076	SAH	NC DP TRU	DOE-DP	STORED	TRANSP	DOT 7A TYPE A BOX	CH	1	4.49	GLOVEBOXES, EQU
SA-LAW1016-E1-100077	SAH	NC DP TRU	DOE-DP	STORED	TRANSP	DOT 7A TYPE A BOX	CH	1	4.49	GLOVEBOXES, EQU
SA-LAW1016-E1-100078	SAH	NC DP TRU	DOE-DP	STORED	TRANSP	DOT 7A TYPE A BOX	CH	1	4.49	GLOVEBOXES, EQU
SA-LAW1016-E1-100079	SAH	NC DP TRU	DOE-DP	STORED	TRANSP	DOT 7A TYPE A BOX	CH	1	4.49	GLOVEBOXES, EQU
SA-LAW1016-E1-100443	SAH	NC DP TRU	DOE-DP	STORED	TRANSP	DOT 7A TYPE A BOX	CH	1	4.49	GLOVEBOXES, EQU
SA-LAW1016-E1-100444	SAH	NC DP TRU	DOE-DP	STORED	TRANSP	DOT 7A TYPE A BOX	CH	1	4.49	GLOVEBOXES, EQU
SA-LAW1016-E1-100445	SAH	NC DP TRU	DOE-DP	STORED	TRANSP	DOT 7A TYPE A BOX	CH	1	4.49	GLOVEBOXES, EQU
SA-LAW1016-E1-100446	SAH	NC DP TRU	DOE-DP	STORED	TRANSP	DOT 7A TYPE A BOX	CH	1	4.49	GLOVEBOXES, EQU
SA-LAW1016-E1-100447	SAH	NC DP TRU	DOE-DP	STORED	TRANSP	DOT 7A TYPE A BOX	CH	1	4.49	GLOVEBOXES, EQU
SA-LAW1016-E1-100448	SAH	NC DP TRU	DOE-DP	STORED	TRANSP	DOT 7A TYPE A BOX	CH	1	4.49	GLOVEBOXES, EQU
SA-LAW1016-E1-100449	SAH	NC DP TRU	DOE-DP	STORED	TRANSP	DOT 7A TYPE A BOX	CH	1	4.49	GLOVEBOXES, EQU
SA-LAW1016-E1-100450	SAH	NC DP TRU	DOE-DP	STORED	TRANSP	DOT 7A TYPE A BOX	CH	1	4.44	GLOVEBOXES, EQU
SA-LAW1016-E1-100451	SAH	NC DP TRU	DOE-DP	STORED	TRANSP	DOT 7A TYPE A BOX	CH	1	4.49	GLOVEBOXES, EQU
SA-LAW1016-E1-100452	SAH	NC DP TRU	DOE-DP	STORED	TRANSP	DOT 7A TYPE A BOX	CH	1	4.49	GLOVEBOXES, EQU
SA-LAW1016-E1-100453	SAH	NC DP TRU	DOE-DP	STORED	TRANSP	DOT 7A TYPE A BOX	CH	1	4.49	GLOVEBOXES, EQU
SA-LAW1016-E1-100454	SAH	NC DP TRU	DOE-DP	STORED	TRANSP	DOT 7A TYPE A BOX	CH	1	4.49	GLOVEBOXES, EQU
SA-LAW1016-E1-100455	SAH	NC DP TRU	DOE-DP	STORED	TRANSP	DOT 7A TYPE A BOX	CH	1	4.49	GLOVEBOXES, EQU
SA-LAW1016-E1-100460	SAH	NC DP TRU	DOE-DP	STORED	TRANSP	DOT 7A TYPE A BOX	CH	1	0.00379	GLOVEBOXES, EQU
SA-LBL1079-E1-100458	SAH	NON DP GEN TRU	DOE-NE	STORED	NON-DP	1 GALLON CAN	CH	1		
SA-LBL1079-E1-100459	SAH	NON DP GEN TRU	DOE-NE	STORED	NON-DP		CH	11	2.85	SOLIDIFIED LIQUIDS, HE
SA-RCC1015-E1-100463	SAH	NON DP GEN TRU	DOE-NE	STORED	NON-DP	55 GALLON DRUM	CH	1	0.259	LEAD PIECES, STEEL & AL
SA-RCC1015-E1-100464	SAH	NON DP GEN TRU	DOE-NE	STORED	NON-DP	55 GAL DRUM, RIGID LINER	CH	1	0.259	GAGES, DIAPHS, 55 GALL
SA-RCC1015-E1-100465	SAH	PAL	DOE-NE	STORED	RA-226	55 GALLON DRUM	CH	1	0.259	
SA-RCC1015-E1-100467	SAH	NON DP GEN TRU	DOE-NE	FUTURE	NON-DP					
TOTAL								45	157.84	

Table 24B SAN FRANCISCO FIELD OFFICE SPECIAL CASE WASTE (SCW) PRIORITY EVALUATION

PRIORITY EVALUATION														
CONTINUE CURRENT STORAGE ACTIVITIES (CCSA)														
IMPLEMENTATION OF 10 PER														
SCW ID CODE #	ESTIMATED RISK 10		PERCEIVED RISK 5		REGULATORY REQUIREMENTS 9	STORAGE		ESTIMATED COST 7	PRIORITY RATING	ESTIMATED RISK 10 PER		ENVIRONMENTAL	HEALTH	INSTITUTIONAL
	ENVIRONMENTAL	HEALTH	INSTITUTIONAL	PUBLIC		AVAILABILITY 8	FEASIBILITY 8			ENVIRONMENTAL	HEALTH			
SA-LAU1016-E1-100065	LOW	1	LOW	1	OK	1	YES	1	OK	1	LOW	1	MED	5
SA-LAU1016-E1-100066	LOW	1	LOW	1	OK	1	YES	1	OK	1	LOW	1	MED	5
SA-LAU1016-E1-100067	LOW	1	LOW	1	OK	1	YES	1	OK	1	LOW	1	MED	5
SA-LAU1016-E1-100068	LOW	1	LOW	1	OK	1	YES	1	OK	1	LOW	1	MED	5
SA-LAU1016-E1-100069	LOW	1	LOW	1	OK	1	YES	1	OK	1	LOW	1	MED	5
SA-LAU1016-E1-100070	LOW	1	LOW	1	OK	1	YES	1	OK	1	LOW	1	MED	5
SA-LAU1016-E1-100071	LOW	1	LOW	1	OK	1	YES	1	OK	1	LOW	1	MED	5
SA-LAU1016-E1-100072	LOW	1	LOW	1	OK	1	YES	1	OK	1	LOW	1	MED	5
SA-LAU1016-E1-100073	LOW	1	LOW	1	OK	1	YES	1	OK	1	LOW	1	MED	5
SA-LAU1016-E1-100074	LOW	1	LOW	1	OK	1	YES	1	OK	1	LOW	1	MED	5
SA-LAU1016-E1-100075	LOW	1	LOW	1	OK	1	YES	1	OK	1	LOW	1	MED	5
SA-LAU1016-E1-100076	LOW	1	LOW	1	OK	1	YES	1	OK	1	LOW	1	MED	5
SA-LAU1016-E1-100077	LOW	1	LOW	1	OK	1	YES	1	OK	1	LOW	1	MED	5
SA-LAU1016-E1-100078	LOW	1	LOW	1	OK	1	YES	1	OK	1	LOW	1	MED	5
SA-LAU1016-E1-100079	LOW	1	LOW	1	OK	1	YES	1	OK	1	LOW	1	MED	5
SA-LAU1016-E1-100443	LOW	1	LOW	1	OK	1	YES	1	OK	1	LOW	1	MED	5
SA-LAU1016-E1-100444	LOW	1	LOW	1	OK	1	YES	1	OK	1	LOW	1	MED	5
SA-LAU1016-E1-100445	LOW	1	LOW	1	OK	1	YES	1	OK	1	LOW	1	MED	5
SA-LAU1016-E1-100446	LOW	1	LOW	1	OK	1	YES	1	OK	1	LOW	1	MED	5
SA-LAU1016-E1-100447	LOW	1	LOW	1	OK	1	YES	1	OK	1	LOW	1	MED	5
SA-LAU1016-E1-100448	LOW	1	LOW	1	OK	1	YES	1	OK	1	LOW	1	MED	5
SA-LAU1016-E1-100449	LOW	1	LOW	1	OK	1	YES	1	OK	1	LOW	1	MED	5
SA-LAU1016-E1-100450	LOW	1	LOW	1	OK	1	YES	1	OK	1	LOW	1	MED	5
SA-LAU1016-E1-100451	LOW	1	LOW	1	OK	1	YES	1	OK	1	LOW	1	MED	5
SA-LAU1016-E1-100452	LOW	1	LOW	1	OK	1	YES	1	OK	1	LOW	1	MED	5
SA-LAU1016-E1-100453	LOW	1	LOW	1	OK	1	YES	1	OK	1	LOW	1	MED	5
SA-LAU1016-E1-100454	LOW	1	LOW	1	OK	1	YES	1	OK	1	LOW	1	MED	5
SA-LAU1016-E1-100455	LOW	1	LOW	1	OK	1	YES	1	OK	1	LOW	1	MED	5
SA-LAU1016-E1-100460	LOW	1	LOW	1	OK	1	YES	1	OK	1	LOW	1	MED	5
SA-LBL1079-E1-100458	LOW	1	LOW	1	OK	1	YES	1	OK	1	LOW	1	LOW	1
SA-LBL1079-E1-100459	LOW	1	LOW	1	OK	1	YES	1	OK	1	LOW	1	LOW	1
SA-RCC1015-E1-100463	LOW	1	LOW	1	OK	1	YES	1	OK	1	LOW	1	LOW	1
SA-RCC1015-E1-100464	LOW	1	LOW	1	PROBLEM	10	YES	1	OK	1	LOW	1	LOW	1
SA-RCC1015-E1-100465	LOW	1	LOW	1	OK	1	YES	1	OK	1	LOW	1	LOW	1
SA-RCC1015-E1-100467	LOW	1	LOW	1	PROBLEM	10	YES	1	OK	1	LOW	1	LOW	1

RM PTION	TOTAL WGT. (kg)	TOTAL Ci	AVE Ci PER CONTAINER	TOTAL WATTS	AVE WATTS PER CONTAINER	MIXED WASTE
WIPMENT, DEBRIS	1300	3.220E+00	3.2	9.961E-02	0.100	NO
WIPMENT, DEBRIS	1310	5.500E-02	0.1	1.701E-03	0.002	NO
WIPMENT, DEBRIS	1480	1.390E-01	0.1	4.300E-03	0.004	NO
WIPMENT, DEBRIS	1290	1.120E-01	0.1	3.465E-03	0.003	NO
WIPMENT, DEBRIS	1010	2.220E-01	0.2	6.868E-03	0.007	NO
WIPMENT, DEBRIS	1120	9.400E-02	0.1	2.908E-03	0.003	NO
WIPMENT, DEBRIS	2470	2.670E+00	2.7	8.260E-02	0.033	NO
WIPMENT, DEBRIS	2520	9.420E+00	9.4	2.914E-01	0.291	NO
WIPMENT, DEBRIS	794	1.350E-01	0.1	4.176E-03	0.004	NO
WIPMENT, DEBRIS	1570	1.480E-01	0.1	4.578E-03	0.005	NO
WIPMENT, DEBRIS	855	1.350E-01	0.1	4.176E-03	0.004	NO
WIPMENT, DEBRIS	867	1.350E-01	0.1	4.176E-03	0.004	NO
PE A BOX	1330	3.360E+00	3.4	1.039E-01	0.104	NO
WIPMENT, DEBRIS	1340	1.350E-01	0.1	4.176E-03	0.004	NO
WIPMENT, DEBRIS	1240	1.890E-01	0.2	5.847E-03	0.006	NO
WIPMENT, DEBRIS	1030	1.230E+00	1.2	3.805E-02	0.038	NO
WIPMENT, DEBRIS	1030	2.220E-01	0.2	6.868E-03	0.007	NO
WIPMENT, DEBRIS	947	1.660E+00	1.7	5.135E-02	0.051	NO
WIPMENT, DEBRIS	1040	3.240E-01	0.3	1.002E-02	0.010	NO
WIPMENT, DEBRIS	1330	1.350E-01	0.1	4.176E-03	0.004	NO
WIPMENT, DEBRIS	1420	1.560E-01	0.2	4.826E-03	0.005	NO
WIPMENT, DEBRIS	1190	3.050E-01	0.3	9.435E-03	0.009	NO
WIPMENT, DEBRIS	2040	1.780E+00	1.8	5.506E-02	0.055	NO
WIPMENT, DEBRIS	2390	1.150E+00	1.2	3.558E-02	0.036	NO
WIPMENT, DEBRIS	1020	1.150E+00	1.2	3.558E-02	0.036	NO
WIPMENT, DEBRIS	1520	2.200E+01	22.0	6.806E-01	0.681	NO
WIPMENT, DEBRIS	913	1.760E+00	1.8	5.445E-02	0.054	NO
WIPMENT, DEBRIS	1040	1.780E+00	1.8	5.506E-02	0.055	NO
WIPMENT, DEBRIS	988	1.350E-01	0.1	4.176E-03	0.004	NO
WIPMENT, DEBRIS	4.54	3.000E+01	30.0	1.045E+00	1.045	UNKNOWN
WIPMENT, DEBRIS	0.031	3.000E-01	0.3	8.689E-03	0.009	NO
WIPMENT, DEBRIS	1820	3.769E+00	0.3	9.700E-02	0.009	NO
WIPMENT, DEBRIS	122	1.203E+01	12.0	8.500E-02	0.085	YES
WIPMENT, DEBRIS			0.0		0.000	YES
WIPMENT, DEBRIS	227	1.422E+01	14.2	4.730E-01	0.473	YES
TOTAL	40567.6	1.143E+02	2.5			

TABLE 25A SAVANNAH RIVER SPECIAL CASE WASTE (SCW) INFORMATION

SAVANNAH RIVER DETAILED SCW INFORMATION											
SCW ID CODE #	POSSESSOR LOCATION	SCW CATEGORY	TITLE	STATUS	PROBLEM	CONTAINER TYPE	HANDLING METHOD	NUMBER OF CONTAINERS	TOTAL VOL. (m ³)	FORM DESCRIPTION	TOT. WGT. (kg)
SR-WES2005-E1-100906	SR	PAL	DOE-DP	STORED	C-14	STAINLESS STEEL VESSEL	CH	1	2.78	SS VESSELS	2
SR-WES2005-E1-100907	SR	PAL	DOE-DP	FUTURE	C-14	STAINLESS STEEL VESSEL	CH	3	8.33		5
SR-WES2005-E1-100908	SR	PAL	DOE-DP	STORED		CONTAINER	CH	4	5.66		
SR-WES2005-E1-100909	SR	EXCESS	DOE-DP	STORED	>EDL	55-GAL DRUM	CH	64708	16800		15400
SR-WES2005-E1-100910	SR	EXCESS	DOE-DP	STORED	>EDL	55-GAL DRUM	CH	500	130	DEPLETED U OXIDE	45
SR-WES2005-E1-100911	SR	PAL	DOE-DP	STORED	TRU	55 GAL DRUMS	CH	10000	2590		9
SR-WES2005-E1-100912	SR	PAL	DOE-DP	STORED	TRU	CARBON STEEL BOXES	CH	100	2240		455
SR-WES2005-E1-100913	SR	NC DP TRU	DOE-DP	STORED	TRANSP	55 GAL DRUMS	CH	3000	777		273
SR-WES2005-E1-100914	SR	NC DP TRU	DOE-DP	STORED	TRANSP	BOXES	CH	35	783	NORMAL URANIUM NORMAL U	159
SR-WES2010-E1-100919	SR	EXCESS	DOE-DP	STORED	>EDL	ASSEMBLY	RH	56			
SR-WES2010-E1-100920	SR	EXCESS	DOE-DP	STORED	>EDL		RH	1			
SR-WES2010-E1-100921	SR	EXCESS	DOE-DP	STORED	>EDL		RH	1			
SR-WES2010-E1-100922	SR	EXCESS	DOE-DP	STORED	>EDL		RH	1			
SR-WES2010-E1-100923	SR	EXCESS	DOE-DP	STORED	>EDL		RH	1			
SR-WES2010-E1-100924	SR	EXCESS	DOE-DP	STORED	>EDL		CH	1			
SR-WES2010-E1-100925	SR	EXCESS	DOE-DP	STORED	>EDL		RH	1			
SR-WES2010-E1-100926	SR	EXCESS	DOE-DP	STORED	>EDL		CH	1			
SR-WES2010-E1-100927	SR	EXCESS	DOE-DP	STORED	>EDL		CH	1			
SR-WES2010-E1-100928	SR	EXCESS	DOE-DP	STORED	<EDL		CH	1			
SR-WES2011-E1-100929	SR	EXCESS	DOE-DP	STORED	>EDL		RH	1			
SR-WES2011-E1-100930	SR	EXCESS	DOE-DP	STORED	>EDL		RH	1			
SR-WES2011-E1-100931	SR	EXCESS	DOE-DP	STORED	>EDL		RH	1			
SR-WES2011-E1-100932	SR	EXCESS	DOE-DP	STORED	>EDL		RH	1			
SR-WES2011-E1-100933	SR	EXCESS	DOE-DP	STORED	>EDL		RH	1			
SR-WES2011-E1-100934	SR	EXCESS	DOE-DP	STORED	>EDL		RH	1			
SR-WES2011-E1-100935	SR	EXCESS	DOE-DP	STORED	>EDL		RH	1			
SR-WES2011-E1-100936	SR	EXCESS	DOE-DP	STORED	>EDL		RH	1			
SR-WES2012-E1-100937	SR	OTHER MATL	DOE-DP	STORED	SPNT FUEL	CANS	RH	3	0.0516	FUEL RODS 0.46% ENRICHMENT	
SR-WES2012-E1-100938	SR	OTHER MATL	DOE-DP	STORED	SPNT FUEL	CANS	CH	3	0.00182	FUEL RODS 0.46% ENRICHMENT	
SR-WES2012-E1-100939	SR	OTHER MATL	DOE-DP	STORED	SPNT FUEL	ASSEMBLY	CH	2	0.0106	UO2 2r CLAD	
SR-WES2012-E1-100940	SR	OTHER MATL	DOE-DP	STORED	SPNT FUEL	CAN	RH	3	0.00742		
SR-WES2012-E1-100941	SR	OTHER MATL	DOE-DP	STORED	SPNT FUEL	CAN	RH	14	0.472		
TOTAL								78449	23337.3		TOTAL 2.03E

Table 25B SAVANNAH RIVER SPECIAL CASE WASTE (SCW) PRIORITY EVALUATION

PRIORITY EVALUATION														
CONTINUE CURRENT STORAGE ACTIVITIES (CCSA)												IMPLEMENTATION		
SCW ID CODE #	ESTIMATED RISK 10		PERCEIVED RISK 5		REGULATORY REQUIREMENTS - 9	STORAGE -		ESTIMATED COST - 7	PRIORITY RATING	ESTIMATED RISK 10		ENVIRONMENTAL	HEALTH	
	ENVIRONMENTAL	HEALTH	INSTITUTIONAL	PUBLIC		AVAILABILITY - 8	FEASIBILITY - 8			ENVIRONMENTAL	HEALTH			
SR-WES2005-E1-100906	LOW	1	LOW	1	OK	1	YES	1	YES	1	LOW	1	LOW	1
SR-WES2005-E1-100907	LOW	1	LOW	1	OK	1	YES	1	YES	1	LOW	1	LOW	1
SR-WES2005-E1-100908	LOW	1	LOW	1	OK	1	YES	1	YES	1	LOW	1	LOW	1
SR-WES2005-E1-100909	MED	5	MED	5	OK	1	YES	1	YES	1	LOW	1	MED	5
SR-WES2005-E1-100910	LOW	1	LOW	1	OK	1	YES	1	YES	1	LOW	1	MED	5
SR-WES2005-E1-100911	LOW	1	MED	5	OK	1	7	5	YES	1	MED	5	LOW	1
SR-WES2005-E1-100912	LOW	1	MED	5	OK	1	7	5	YES	1	MED	5	LOW	1
SR-WES2005-E1-100913	LOW	1	LOW	1	OK	1	YES	1	YES	1	LOW	1	MED	5
SR-WES2005-E1-100914	LOW	1	LOW	1	OK	1	YES	1	YES	1	LOW	1	MED	5
SR-WES2010-E1-100919	LOW	1	LOW	1	OK	1	YES	1	YES	1	LOW	1	MED	5
SR-WES2010-E1-100920	LOW	1	LOW	1	OK	1	YES	1	YES	1	LOW	1	MED	5
SR-WES2010-E1-100921	LOW	1	LOW	1	OK	1	YES	1	YES	1	LOW	1	MED	5
SR-WES2010-E1-100922	MED	5	MED	5	OK	1	YES	1	YES	1	LOW	1	MED	5
SR-WES2010-E1-100923	LOW	1	LOW	1	OK	1	YES	1	YES	1	LOW	1	MED	5
SR-WES2010-E1-100924	LOW	1	LOW	1	OK	1	YES	1	YES	1	LOW	1	MED	5
SR-WES2010-E1-100925	LOW	1	LOW	1	OK	1	YES	1	YES	1	LOW	1	LOW	1
SR-WES2010-E1-100926	LOW	1	LOW	1	OK	1	YES	1	YES	1	LOW	1	LOW	1
SR-WES2010-E1-100927	LOW	1	LOW	1	OK	1	YES	1	YES	1	LOW	1	LOW	1
SR-WES2010-E1-100928	LOW	1	LOW	1	OK	1	YES	1	YES	1	LOW	1	LOW	1
SR-WES2011-E1-100929	LOW	1	LOW	1	OK	1	YES	1	YES	1	LOW	1	MED	5
SR-WES2011-E1-100930	LOW	1	LOW	1	OK	1	YES	1	YES	1	LOW	1	MED	5
SR-WES2011-E1-100931	LOW	1	LOW	1	OK	1	YES	1	YES	1	LOW	1	MED	5
SR-WES2011-E1-100932	LOW	1	LOW	1	OK	1	YES	1	YES	1	LOW	1	MED	5
SR-WES2011-E1-100933	LOW	1	LOW	1	OK	1	YES	1	YES	1	LOW	1	MED	5
SR-WES2011-E1-100934	LOW	1	LOW	1	OK	1	YES	1	YES	1	LOW	1	MED	5
SR-WES2011-E1-100935	LOW	1	LOW	1	OK	1	YES	1	YES	1	LOW	1	MED	5
SR-WES2011-E1-100936	LOW	1	LOW	1	OK	1	YES	1	YES	1	LOW	1	MED	5
SR-WES2012-E1-100937	LOW	1	LOW	1	OK	1	YES	1	YES	1	LOW	1	MED	5
SR-WES2012-E1-100938	LOW	1	LOW	1	OK	1	YES	1	YES	1	LOW	1	MED	5
SR-WES2012-E1-100939	LOW	1	LOW	1	OK	1	YES	1	YES	1	LOW	1	MED	5
SR-WES2012-E1-100940	LOW	1	LOW	1	OK	1	YES	1	YES	1	LOW	1	MED	5
SR-WES2012-E1-100941	LOW	1	LOW	1	OK	1	YES	1	YES	1	LOW	1	MED	5

+07

1 OF THE BEST AVAILABLE TREATMENT TECHNOLOGY (BAT)										EST. COST INCLUDES VALUE OF ABOVE EDL		MATERIAL	
PERCEIVED RISK		5	TREATMENT		EDL		PRIORITY		POTENTIAL RESOLUTION				
INSTITUTIONAL	PUBLIC	REGULATORY REQUIREMENTS 9	AVAILABILITY 8	FEASIBILITY 8	ESTIMATED COST 7	PRIORITY RATING	PRIORITY EVALUATION						
LOW 1	LOW 1	OK 1	YES 1	OK 1	LOW 1	47	0	OBTAIN APPROVED PA FOR DISPOSAL (C-14)					
LOW 1	LOW 1	OK 1	YES 1	OK 1	LOW 1	47	0	OBTAIN APPROVED PA FOR DISPOSAL (C-14)					
LOW 1	LOW 1	OK 1	YES 1	OK 1	LOW 1	47	0	OBTAIN APPROVED PA FOR DISPOSAL (1-129 Agl BERYLL SADDLES)					
LOW 1	LOW 1	OK 1	NO 10	CAPABILITY 10	LOW 1	211	124	EVALUATE VALUE OF DEPLETED U (UOXIDES)					
LOW 1	LOW 1	PROBLEM 10	NO 10	CAPABILITY 10	LOW 1	292	245	RECOVER OR USE ENRICHED U (95% ENR U NAVAL FUEL)					
LOW 1	LOW 1	OK 1	YES 1	OK 1	LOW 1	47	-116	OBTAIN APPROVED PA FOR DISPOSAL (Pu-238 & Pu-52 WC)					
LOW 1	LOW 1	OK 1	YES 1	OK 1	LOW 1	47	-116	OBTAIN APPROVED PA FOR DISPOSAL (Pu-238 & Pu-52 WC)					
LOW 1	LOW 1	OK 1	YES 1	OK 1	MED 5	115	68	REPACKAGE AT TUF FACILITY (Pu-238 WATTAGE PROBLEMS)					
LOW 1	LOW 1	OK 1	YES 1	OK 1	MED 5	115	68	REPACKAGE AT TUF FACILITY (Pu-238 WATTAGE PROBLEMS)					
LOW 1	LOW 1	?	NO 10	CAPABILITY 10	MED 5	295	248	TREAT IN MPFF (LARGE QUANTITIES OF TRU)					
LOW 1	LOW 1	?	NO 10	CAPABILITY 10	MED 5	295	248	TREAT IN MPFF (LARGE QUANTITIES OF TRU)					
LOW 1	LOW 1	?	NO 10	CAPABILITY 10	MED 5	295	248	TREAT IN MPFF (LARGE QUANTITIES OF TRU)					
LOW 1	LOW 1	?	NO 10	CAPABILITY 10	MED 5	295	248	TREAT IN MPFF (LARGE QUANTITIES OF TRU)					
LOW 1	LOW 1	?	NO 10	CAPABILITY 10	MED 5	295	248	TREAT IN MPFF (LARGE QUANTITIES OF TRU)					
LOW 1	LOW 1	?	NO 10	CAPABILITY 10	MED 5	295	248	TREAT IN MPFF (LARGE QUANTITIES OF TRU)					
LOW 1	LOW 1	?	NO 10	OK 1	MED 5	183	136	CCSA UNTIL FMPC OPENS FOR RECOVERY OF U (DEPLETED)					
LOW 1	LOW 1	?	NO 10	OK 1	MED 5	183	136	CCSA UNTIL FMPC OPENS FOR RECOVERY OF U (DEPLETED)					
LOW 1	LOW 1	?	NO 10	OK 1	MED 5	183	136	CCSA UNTIL FMPC OPENS FOR RECOVERY OF U (NORMAL)					
LOW 1	LOW 1	?	NO 10	OK 1	MED 5	183	136	CCSA UNTIL FMPC OPENS FOR RECOVERY OF U (NORMAL)					
LOW 1	LOW 1	?	NO 10	CAPABILITY 10	HIGH 10	330	283	NO PLANNED PROCESS (Pu-238) IRRADIATED					
LOW 1	LOW 1	?	NO 10	CAPABILITY 10	HIGH 10	330	283	NO PLANNED PROCESS (Pu-237) IRRADIATED					
LOW 1	LOW 1	?	NO 10	CAPABILITY 10	HIGH 10	330	283	NO PLANNED PROCESS (Pu-240) IRRADIATED					
LOW 1	LOW 1	?	NO 10	CAPABILITY 10	HIGH 10	330	283	NO PLANNED PROCESS (Cm-244) IRRADIATED					
LOW 1	LOW 1	?	NO 10	CAPABILITY 10	HIGH 10	330	283	NO PLANNED PROCESS (Am-243) IRRADIATED					
LOW 1	LOW 1	?	NO 10	CAPABILITY 10	HIGH 10	330	283	NO PLANNED PROCESS (ENR U) IRRADIATED					
LOW 1	LOW 1	?	NO 10	CAPABILITY 10	HIGH 10	330	283	NO PLANNED PROCESS (OEP U) IRRADIATED					
LOW 1	LOW 1	?	NO 10	CAPABILITY 10	HIGH 10	330	283	NO PLANNED PROCESS (Th-232) IRRADIATED					
LOW 1	LOW 1	OK 1	NO 10	CAPABILITY 10	HIGH 10	294	247	NO PLANNED PROCESS (OEP U) IRRADIATED					
LOW 1	LOW 1	OK 1	NO 10	CAPABILITY 10	HIGH 10	294	247	NO PLANNED PROCESS (OEP U) IRRADIATED					
LOW 1	LOW 1	OK 1	NO 10	CAPABILITY 10	HIGH 10	294	247	NO PLANNED PROCESS (LEU) IRRADIATED					
LOW 1	LOW 1	OK 1	NO 10	CAPABILITY 10	HIGH 10	294	247	NO PLANNED PROCESS (LEU) IRRADIATED					
LOW 1	LOW 1	OK 1	NO 10	CAPABILITY 10	HIGH 10	294	247	NO PLANNED PROCESS (LEU) IRRADIATED					

Nevada Test Site - Some TRU waste containing classified items must be recovered from shallow land burial and shipped to a facility to destroy the classified nature of the waste. Some performance assessments must be done to determine an acceptable disposal method and location for waste items containing radium.

Oak Ridge - There is some U-233 waiting for recovery, but the current need for it is uncertain. Some technetium contaminated uranium is also waiting recovery, but a recovery method must be developed. Performance assessments must be done to determine a disposal method and location for some of the waste.

Richland - Some of their waste is waiting for completion of the planned waste receiving and packaging facility so it may be treated and sent to WIPP. Performance assessments are needed to determine a disposal method and location for some waste items. A disposal facility must be designated for some nondefense TRU waste items. Methods for retrieval, treatment and disposal of some of their large, difficult to manage items (e.g., underground tanks, crib structures, nuclear reactors, and canyon waste) must be developed, funded, and approved.

Rocky Flats - A treatment facility is needed to destroy the classified nature of some items before they are discarded. Because Rocky Flats has a waste storage capacity problem, they are packaging waste to minimize storage volume. However, this packaging may not meet the TRUPACT-II Payload Compliance Plan; therefore, some treatment and repackaging of waste will be required when the waste can be moved.

San Francisco - Lawrence Livermore National Laboratory needs a facility to size reduce some defense TRU waste so the waste can be sent to WIPP. A disposal facility for some nondefense TRU waste, at Lawrence Berkeley Laboratory and Rockwell International, Canoga Park, must be determined.

Savannah River - The priority evaluations for several wastes indicate CCSA even though the material is greater than the economic discard limit. This is

because there are no treatment or recovery facilities for this material, and recovery facilities will be very costly. Some of this material is waiting for the Multi-Purpose Processing Facility to open. Some defense TRU waste is waiting for the Transuranic Waste Facility to open for repackaging. Some excess material containing depleted and normal uranium was waiting for the Feed Materials Production Center to resume operation, but it now appears to have no recovery process available. A few waste items need a performance assessment to determine disposal method and location.

OVERALL PRIORITY EVALUATION RANKING

Performing the priority evaluations for the special case waste items and examining the potential resolutions reveals that 22 resolutions are common throughout the DOE complex. The 22 resolutions identified in the priority evaluations were assigned a letter designation and are listed in Table 26. These letter designations were used in the spreadsheet where the special case waste items were sorted by priority evaluation ranking. The highest and lowest ranked items are shown in Tables 27 and 28. Since these are only partial results all of the potential resolutions do not appear in the Tables. Table 27 lists the highest ranked special case waste items for all field offices for continuing storage. Table 28 lists the highest ranked special case waste items for all field offices for implementing treatment.

Table 26. SCW potential resolution key

A	Certify at Stored Waste Examination Pilot Plant and send to WIPP
B	Characterize to determine if waste is a problem
C	Decision required for recovery
D	Designate a disposal facility or send to HLW repository
E	Destroy classified nature, send to WIPP
F	Develop recovery method and process
G	Develop retrieval, treatment, and disposal methods
H	Evaluate recovery value of uranium
I	High level decision required for recovery
J	Identify a disposal facility (Non DP TRU)
K	Immobilize, package, and dispose (LLW) (RH)
L	Immobilize, package, and send to WIPP
M	Immobilize and determine disposal location (LLW or TRU)
N	Package and ship to recovery facility
O	Perform PA to determine disposal method and location (PAL)
P	Recover, ship, treat to destroy classified nature
R	Repackage and send to WIPP
S	Ship, treat to destroy classified nature
T	Size reduce, repackage and send to WIPP
U	Specific PA required to determine disposal method and location
V	Treat, package, and send to WIPP
W	Recover isotopes

TABLE 27. HIGHEST RANKED SCW ITEMS FOR CONTINUED STORAGE (ALL FIELD OFFICES)

SCW ID CODE #	SCW CATEGORY	PROBLEM	CONTAINER TYPE	
SR-WES2011-E1-100929	EXCESS	>EDL		
SR-WES2011-E1-100930	EXCESS	>EDL		
SR-WES2011-E1-100931	EXCESS	>EDL		
SR-WES2011-E1-100932	EXCESS	>EDL		
SR-WES2011-E1-100933	EXCESS	>EDL		
SR-WES2011-E1-100934	EXCESS	>EDL		
SR-WES2011-E1-100935	EXCESS	>EDL		
SR-WES2011-E1-100936	EXCESS	>EDL		
CH-BAT1014-E1-100055	NON DP GEN	NON-DP	HEPA FILTERS	NOT COMPACTED
CH-BAT1014-E1-100056	NON DP GEN	NON-DP		
CH-BAT1014-E1-100057	NON DP GEN	NON-DP	DEWATERED ION EXCHANGE RESIN	
CH-BAT1014-E1-100461	NON DP GEN	NON-DP	DEWATERED ION EXCHANGE RESIN...FUTURE GENERATION FOR 10	
CH-BAT1092-E1-100392	NON DP GEN	NON-DP	240 INDIVIDUALLY NUMBERED TIN WASTE CANS	COMPACTED PAPER 1
CH-BAT1092-E1-100393	NON DP GEN	NON-DP	UNPACKAGED WASTE	SHAPED CHARGE CA
CH-BAT1092-E1-100394	NON DP GEN	NON-DP	SEVEN 55-GAL DRUMS	LABORA
CH-BAT1092-E1-100395	NON DP GEN	NON-DP	ARGONNE MIII STEEL BIN	LABORA
SR-WES2010-E1-100919	EXCESS	>EDL	ASSEMBLY	
SR-WES2010-E1-100920	EXCESS	>EDL		
SR-WES2010-E1-100921	EXCESS	>EDL		
SR-WES2010-E1-100923	EXCESS	>EDL		
SR-WES2010-E1-100924	EXCESS	>EDL		
SR-WES2012-E1-100937	OTHER MATL	SPNT FUEL	CANS	
SR-WES2012-E1-100938	OTHER MATL	SPNT FUEL	CANS	
SR-WES2012-E1-100939	OTHER MATL	SPNT FUEL	ASSEMBLY	
SR-WES2012-E1-100940	OTHER MATL	SPNT FUEL	CAN	
SR-WES2012-E1-100941	OTHER MATL	SPNT FUEL	CAN	
SR-WES2005-E1-100910	EXCESS	>EDL	55-GAL DRUM	
SR-WES2010-E1-100922	EXCESS	>EDL		
AL-LAN1040-E1-100128	OTHER MATL	SPNT FUEL	5-9/16" DIA, 304L, WELDED STAINLESS STEEL TUBE WITH 1-1/	MIXED U/PU
AL-LAN1038-E1-100126	NC DP TRU	SIZE	METAL PIPE "CASK" ENCASED IN CONCRETE	COMBUSTIBLE OR NO
ID-WIN3015-E1-100014	FUTURE GEN	SPNT FUEL	MAY BE PLACED IN BUCKETS	
OR-POR2077-E1-101008	EXCESS	>EDL	5"DX41" (10 L)	VARIETY OF LIQUID
RL-WES1096-E1-100412	SPAR	I-129	CANYON WASTE	
RL-WES1096-E1-100416	OTHER WASRE	UNCH	NUCLEAR REACTORS...	

FORM DESCRIPTION	MIXED WASTE	CCSA PRIORITY RATING	IBAT PRIORITY RATING	PRIORITY EVALUATION	POTENTIAL RESOLUTION KEY
	UNKNOWN	47	330	283	F (Pu-238)(IRR)
	UNKNOWN	47	330	283	F (Np-237)(IRR)
	UNKNOWN	47	330	283	F (Pu-240)(IRR)
	UNKNOWN	47	330	283	F (Cm-244)(IRR)
	UNKNOWN	47	330	283	F (Am-243)(IRR)
	UNKNOWN	47	330	283	F (EU)(IRR)
	UNKNOWN	47	330	283	F (DU)(IRR)
	UNKNOWN	47	330	283	F (Th-232)(IRR)
METAL FRAMES & AIR FILTERING MATERIAL	NO	47	327.5	280.5	J (RH)
	UNKNOWN	47	327.5	280.5	J (RH)
	NO	47	327.5	280.5	J (RH)
	NO	47	327.5	280.5	J (RH)
PLASTIC, SOLIDIFIED LIQUID WASTE	NO	47	327.5	280.5	J (RH)
CHER, IRRADIATED FUEL CONTAINMENT VESSEL	NO	47	327.5	280.5	J (CH)
TORY WASTE, METAL, PAPER, PLASTIC	NO	47	327.5	280.5	J (CH)
TORY WASTE, METAL, PAPER, PLASTIC	NO	47	327.5	280.5	J (CH)
	UNKNOWN	47	295	248	W (MPPF)(RH)
	UNKNOWN	47	295	248	W (MPPF)(RH)
	UNKNOWN	47	295	248	W (MPPF)(RH)
	UNKNOWN	47	295	248	W (MPPF)(RH)
	UNKNOWN	47	295	248	W (MPPF)(RH)
FUEL RODS 0.46% ENRICHMENT	NO	47	294	247	F (DU)(IRR)
FUEL RODS 0.46% ENRICHMENT	NO	47	294	247	F (DU)(IRR)
	NO	47	294	247	F (LEU)(IRR)
	NO	47	294	247	F (LEU)(IRR)
	NO	47	294	247	F (LEU)(IRR)
UO2 Zr CLAD	YES	47	292	245	H (EU)(ie-OR)
	UNKNOWN	87	295	208	W (MPPF)(RH)
	NO	47	246.5	199.5	D (SPENT FUEL)
OXIDE, NITRIDE & CARBIDE FUEL PELLETS	UNKNOWN	83	270	187	T (NEW FACILITY)
COMBUSTIBLE HOT CELL WASTES IN METAL CANS	UNKNOWN	47	218	171	D (SPENT FUEL)
CORRODED AL FUEL TUBECULES	NO	47	218	171	F (Tc)
S FROM LABORATORIES	YES	188	355	167	G (CANYON WASTE)
	YES	83	250	167	G (NUCLEAR REACTORS)

TABLE 28. HIGHEST RANKED SCW ITEMS FOR IMPLEMENTING TREATMENT (ALL FIELD OFFICES)

SCW ID CODE #	SCW CATEGORY	PROBLEM	CONTAINER TYPE	
RF-ROC1095-E1-100406	NC DP TRU	SIZE	BOX(4X4X7)	METAL, FILTERS E
RF-ROC1095-E1-100409	NC DP TRU	TRANSPORT	55GAL DRH	PRINCIPLE CONST
OR-WES1112-E1-100451	PAL	URANIUM DAUGHTERS	N/A	
RF-ROC1095-E1-100408	NC DP TRU	TRANSPORT	55GAL DRH	
SR-WES2005-E1-100911	PAL	TRU	55 GAL DRUMS	
SR-WES2005-E1-100912	PAL	TRU	CARBON STEEL BOXES	
NV-REE1010-E1-100044	PAL	URANIUM	55-GAL DRUM	MOIST SOLID, PRI
NV-REE1010-E1-100045	PAL	URANIUM	WOODEN BOX	MOIST SOLID, PRI
NV-REE1010-E1-100046	PAL	URANIUM DAUGHTERS	WOODEN BOX	MOIST SOLID, PRI
ID-EG&3025-E1-100017	PAL	PU	30-, 55-, AND 83 GALLON STEEL DRUMS	
ID-EG&3025-E1-100020	PAL	PU	FRP, METAL, & MIII BINS (EST. TOTAL 200 BOXES/YR OVER 23	
OR-POR2077-E1-101011	EXCESS	>EDL		AL, MG, OR NA F
AL-EG&1086-E1-100434	PAL	H-3	30 GALLON DRUM OVERPACKED IN 55 GAL DRUM	OCTANE ABSORBED (
AL-LAN1036-E1-100124	NON DP GEN	NON-DP	METAL PIPE CASK, ENCASED IN CONCRETE	
CH-ARG1097-E1-100417	SPAR	U235,238,MAP,HFP,TRU	HFEF-5 WASTE CAN (NEW-STYLE)	TYPICAL
CH-ARG1097-E1-100418	SPAR		HFEF-5 WASTE CAN (OLD STYLE)	TYPICAL
CH-ARG1097-E1-100419	PAL	SR-90 & CS-137	HFEF-5 WASTE CAN	TYPICAL
ID-EG&3018-E1-100022	NON DP GEN	COMM GEN	METAL DRUMS	
ID-EG&3018-E1-100023	NON DP GEN	COMM GEN	5 (83 GAL EA.) METAL DRUMS	
ID-EG&3018-E1-100024	NON DP GEN	COMM GEN	4 METAL BOXES (NO DIMENSIONS GIVEN)	
ID-EG&3018-E1-100025	NON DP GEN	COMM GEN	6 ("OTHER") CONTAINERS..SOME ARE WOODEN	
NR-WES2081-E1-101030	OTHER WASTE	UNCH	316 STAINLESS STEEL TANKS	
OR-DOE2214-E1-101382	EXCESS		STEEL, CYLINDERS TO CONTAIN 2.5, 10&14 TONS	SOLIDIFIED UF6
OR-DOE2214-E1-101383	EXCESS		STEEL, CYLINDERS TO CONTAIN 2.5, 10&14 TONS	SOLIDIFIED UF6
OR-POR2077-E1-101016	EXCESS	>EDL	127 MONEL CYLINDERS	U FUEL IN MONEL
CH-BAT1092-E1-100396	EXCESS	>EDL	METAL CANS	
ID-ROC1109-E1-100441	PAL	URANIUM	AS REQUIRED BY DRAFT DOE-IE ORDER 5820.2A	
NR-DOE2079-E1-101028	SPAR	MAP		CLASSIFIED HARDW
NR-GEN2080-E1-101029	NC DP TRU	TRANSP	55 GAL DRUMS & SS BOXES	
NR-U.S2078-E1-101027	SPAR	MAP		CLASSIFIED HARDW
NR-WES2082-E1-101033	NC DP TRU	WAC	UNPACKAGED	SOLIDIFY FINES IN
NR-WES2082-E1-101034	SPAR		55 TON SCRAP CASK INSERTS	IRRADIATED METAL
NR-WES2082-E1-101035	SPAR		55 TON SCRAP CASK INSERTS	IRRADIATED METAL
OR-DOE2214-E1-101384	PAL		TBD.	TBD
OR-MHE2211-E1-101361	EXCESS	>EDL		
OR-MHE2212-E1-101377	EXCESS		OAK RIDGE NUCLEAR MATERIAL PROD. INVENTORY	26
OR-MHE2212-E1-101378	EXCESS		OAK RIDGE NUCLEAR MATERIALS PROD. INVENTORY"	26 FOI
OR-MHE2212-E1-101379	PAL	TH-232	UNK	10,000 GRAHS
OR-MHE2212-E1-101380	PAL	TH-232	UNK	110 kg OF TH
OR-MHE2213-E1-101381	PAL			4,140 GRAHS OF T
OR-PAD1013-E1-100054	NC DP TRU	TRANSP	55-GALLON METAL DRUMS IN OVERPACKS	
RL-WES1088-E1-100440	PAL	CS-137	16-ONE GALLON CANS	
SR-WES2005-E1-100906	PAL	C-14	STAINLESS STEEL VESSEL	
SR-WES2005-E1-100907	PAL	C-14	STAINLESS STEEL VESSEL	
SR-WES2005-E1-100908	PAL		CONTAINER	
OR-POR1111-E1-100450	EXCESS		112 MONEL CYLINDERS	URANIUM FUEL IN M

FORM DESCRIPTION	MIXED WASTE	CCSA PRIORITY RATING	IBAT PRIORITY RATING	PRIORITY EVALUATION	POTENTIAL RESOLUTION KEY
IC.	Y	232.5	67	-165.5	R (SIZE)
?	Y	232.5	67	-165.5	R
CONSTITUENTS ARE URANIUM & IRON NO 801 OR 802	YES	398	248	-150	O (COTTER CONC)
	Y	232.5	95	-137.5	R (WATTAGE)
	YES	163	47	-116	O (Pu-238, Pu-52 WG)
	YES	163	47	-116	O (Pu-238, Pu-52 WG)
PRINCIPAL CONSTITUENTS URANIUM & IRON	YES	200	128	-72	O (Ra-226)
PRINCIPAL CONSTITUENTS URANIUM & IRON	YES	200	128	-72	O (Ra-226)
PRINCIPAL CONSTITUENTS URANIUM & IRON	YES	200	128	-72	O (Ra-226)
SOLID WASTE	YES	248	208	-40	O (MAP, LLW-TRU)
SOLID WASTE	YES	248	208	-40	O (LLW-TRU)
	NO	248	208	-40	F (Tc)
ON VERMICULITE IN POLY BOTTLES IN 30 GAL DRUM	YES	83	47	-36	O (TRITIUM)
LAMPRE REACTOR CORE	UNKNOWN	83	47	-36	J (REACTOR CORE)
LY STAINLESS STEEL PARTS & HARDWARE	YES	83	47	-36	O (MFP, MAP)
LY STAINLESS STEEL PARTS & HARDWARE	YES	83	47	-36	O (MFP, MAP)
LY STAINLESS STEEL PARTS & HARDWARE	YES	83	47	-36	O (MFP, MAP)
	UNKNOWN	83	47	-36	A (MEX Am)
	UNKNOWN	83	47	-36	A (MEX Am)
	UNKNOWN	83	47	-36	A (MEX Am)
	UNKNOWN	83	47	-36	A (MEX Am)
	UNKNOWN	83	47	-36	B (RH)
	YES	148	128	-20	C (UF6)
	YES	148	128	-20	C (UF6)
CYLINDERS	NO	67	47	-20	C (UF6)
PU-239 AS PU02	NO	47	47	0	N (Pu-239)(RL, LANL)
	NO	47	47	0	O (U)
ARE (METAL)	NO	47	47	0	O (MAP)
VARIOUS FORMS-NO LIQUIDS	NO	47	47	0	R (RH)
ARE (METAL)	NO	47	47	0	O (MAP)
CONCRETE	UNKNOWN	83	83	0	L (RH)
COMPONENTS	NO	47	47	0	O (MAP)
COMPONENTS	NO	47	47	0	O (MAP)
LIKELY DAMP ION EXCHANGE RESIN	UNKNOWN	47	47	0	O (Tc-99)
	NO	47	47	0	N (EU)
FOILS OF PU FROM DOSIMETERS.	NO	47	47	0	N (Np)(RL, LANL)
LS OF NEPTUNIUM FROM DOSIMETERS.	NO	47	47	0	N (Np)(RL, LANL)
OF THORIUM, DISK SHAPE (11.5" DIA X .5")	NO	47	47	0	O (Th)
02 PELLETS & SOLID METAL THORIUM RODS	NO	47	47	0	O (Th)
THORIUM OXIDE AS SLUGS, DISKS, & MISC PIECES	NO	47	47	0	O (Th)
	YES	128	128	0	M
	NO	47	47	0	O (MFP)
	NO	47	47	0	O (C-14)
SS VESSELS	NO	47	47	0	O (C-14)
	YES	47	47	0	O (I-129)
ONEL CYLINDERS & URANIUM HEXAFLUORIDE	NO	67	69.5	2.5	I (FRENCH FUEL)

RESULTS

The highest ranked items for continued storage, shown in Table 27, are items that require development of a suitable recovery method for excess material or treatment methods for waste. Some of these recovery or treatment methods will require new facilities that are very costly, others are waiting for planned facilities, that will also be very costly to complete. The high cost of building new treatment facilities increased the priority rating for treatment of the waste. This drives the priority evaluation toward continuing storage.

Other items that also ranked high for continued storage are some nondefense TRU waste that need a disposal facility identified. This ranking depends on whether the nondefense TRU waste can be disposed at some existing facility or whether a new disposal facility will have to be built. The priority evaluation on these items assumed that a new disposal facility would have to be built. If a decision can be made to dispose of these items at some existing disposal facility, such as WIPP, then the priority evaluation would change dramatically.

The highest ranked items for implementing treatment, shown in Table 28, are items that need to be repackaged, certified, or characterized at an existing facility, and items that need to have a PA completed to determine the disposal method and location. It is possible that the results of the certification, characterization or PA could indicate that an expensive treatment is required to dispose of the waste. A new priority evaluation done at that time would give a different ranking.

There are also some excess materials that can be recovered at existing facilities. Some of these materials may have to be packaged and sent to other facilities for recovery where the capabilities exist. Decisions for recovery of these materials should be made if the recovery capacity is not a problem.

CONCLUSIONS

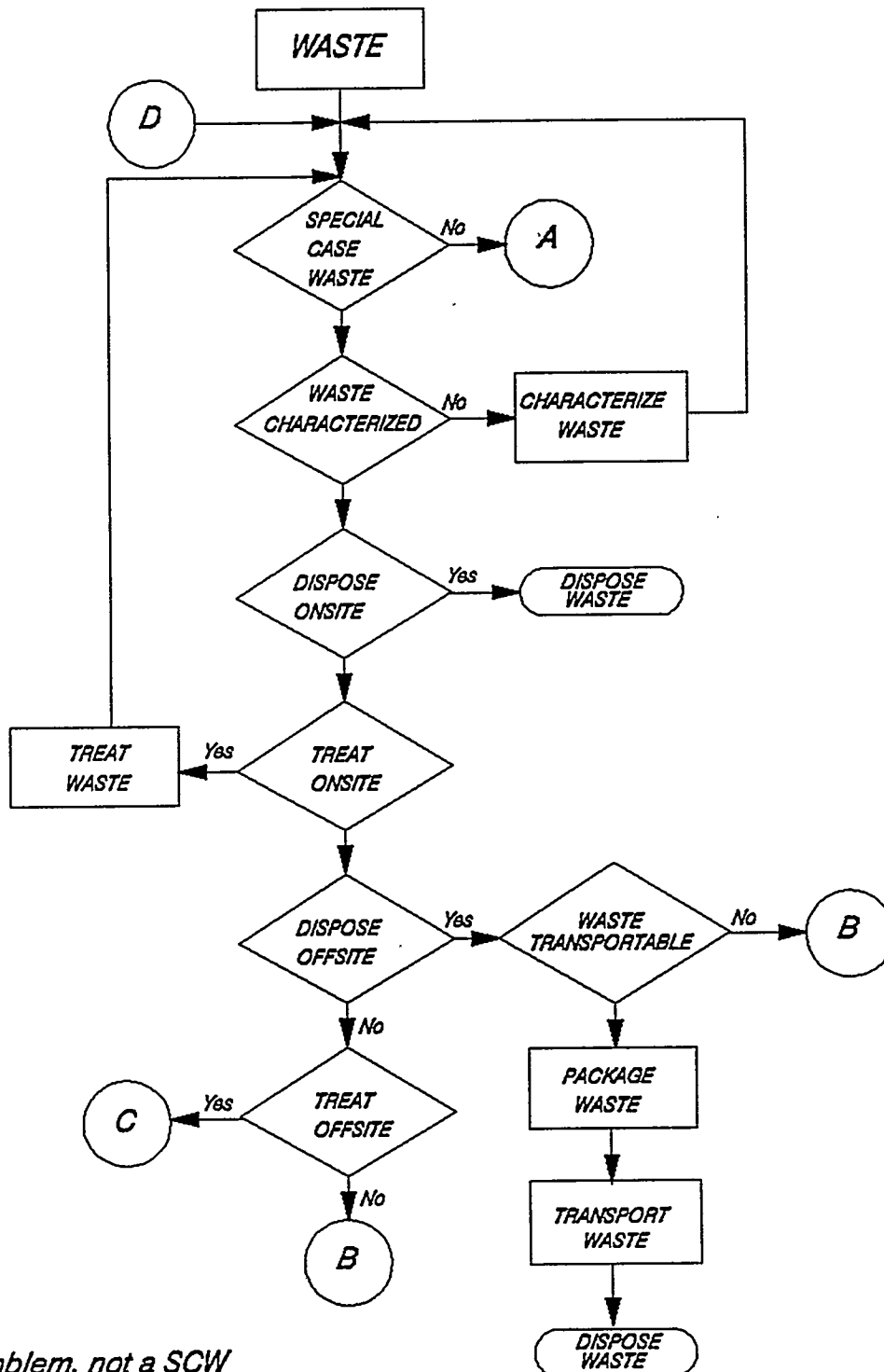
This evaluation method is a useful technique for ranking special case wastes to determine the priorities that should be used for implementing treatment methods that will enable the special case waste to be disposed. The ranking also shows which items should continue to be safely stored. The evaluation presented in this report can be improved by forming a technical evaluation group of recognized experts from the various field offices in the DOE complex to perform the evaluation. However, the evaluation presented in this report should be reviewed by cognizant DOE-HQ personnel or others selected by them to determine if improvement is warranted. For example, availability of Treatment and Storage facilities and whether they comply with regulations are always subject to change. Therefore, any evaluation made would soon have some discrepancies. The evaluation in this report is useful now and any discrepancies that are found can be easily corrected.

The full spreadsheet (Lotus 1-2-3) ranking of all 279 special case waste data record sheets is available on diskette, but was too large to easily include as an appendix to this report. The summary Tables (27 and 28) provide abbreviated information on the items at both ends of the priority evaluation ranking, but do not include the majority of the items in the middle of the spreadsheet. In addition all of the data in Tables 16 through 25 are also available on diskette as Lotus spreadsheets. The priority evaluation Tables (16B through 25B) include formulas that automatically calculate the priority rating and the priority evaluation when the numbers are changed. These spreadsheets can therefore be easily revised and updated to reflect any changes that may occur.

APPENDIX A

SPECIAL CASE WASTE TREATMENT AND DISPOSAL STRATEGY DECISION TREE

SPECIAL CASE WASTE TREATMENT AND DISPOSAL STRATEGY
DECISION TREE

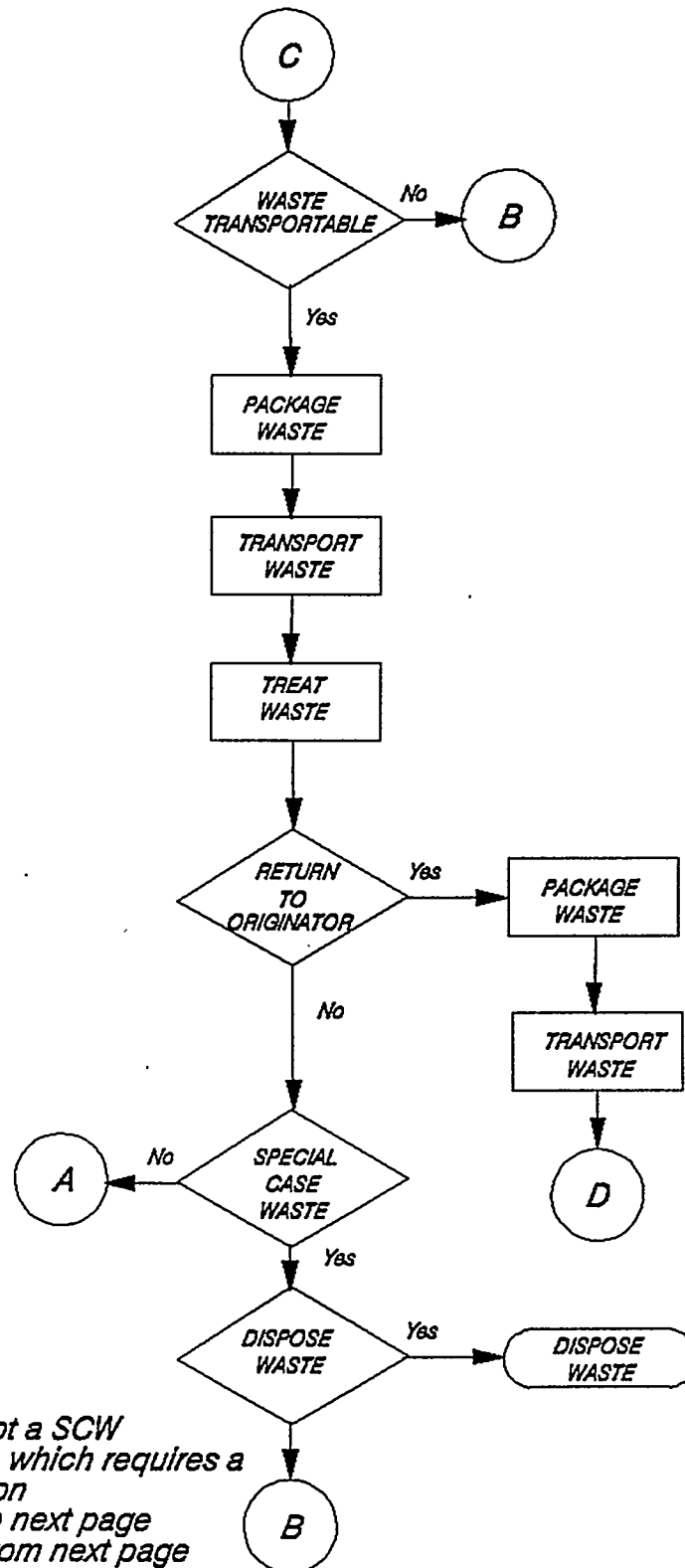


- A. No problem, not a SCW
- B. Problem waste which requires a Priority Evaluation
- C. Continuation to next page
- D. Continuation from next page

ATTACHMENT NO. 1
SCW

SPECIAL CASE WASTE TREATMENT, STORAGE AND DISPOSAL STRATEGY

DECISION TREE



- A. No problem, not a SCW
- B. Problem Waste which requires a Priority Evaluation
- C. Continuation to next page
- D. Continuation from next page

ATTACHMENT NO.1 (CONT)

SCW2