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ENGINEERING CHANGE NOTICE

Page 1 of 21. ECN **662560**Proj.
ECN

2. ECN Category (mark one)		3. Originator's Name, Organization, MSIN, and Telephone No.		4. USQ Required?	5. Date
Supplemental ☐ Direct Revision ☒ Change ECN ☐ Temporary ☐ Standby ☐ Supersedure ☐ Cancel/Void ☐		D.A. Gantt, FFTF Proj. Integration, N2-13, 376-4415		☐ Yes ☒ No	October 25, 2000
		6. Project Title/No./Work Order No.	7. Bldg./Sys./Fac. No.	8. Approval Designator	
		Advanced Reactors Transition & FFTF	FFTF, 337B & 309	N/A	
		9. Document Numbers Changed by this ECN (includes sheet no. and rev.)	10. Related ECN No(s).	11. Related PO No.	
		HNF-SD-FF-SSP-050, Rev. 8	N/A	N/A	
12a. Modification Work	12b. Work Package No.	12c. Modification Work Completed		12d. Restored to Original Condition (Temp. or Standby ECNs only)	
☐ Yes (fill out Blk. 12b)	NA	NA		NA	
☒ No (NA Blks. 12b, 12c, 12d)		Design Authority/Cog. Engineer Signature & Date		Design Authority/Cog. Engineer Signature & Date	
13a. Description of Change					
13b. Design Baseline Document? ☐ Yes ☒ No					
This is a full revision which updates the the RLS. The following major changes are included:					
<ul style="list-style-type: none"> - FFTF Standby is continued for an additional year, FY 2001. - The 309 Facility and NE Legacy facility schedule baselines are updated consistent with funding constraints. - The work breakdown structure information in section 2 provides the information required by HNF-PRO-518, <u>Work Breakdown Structure, Index, and Dictionary</u>. - <i>Revise the document title to "FFTF and Advanced Reactor Transition Program Resource Loaded Schedule" DATE 10/31/00</i> 					
14a. Justification (mark one)		14b. Justification Details			
Criteria Change ☒ Design Improvement ☐ Environmental ☐ Facility Deactivation ☐ As-Found ☐ Facilitate Const. ☐ Const. Error/Omission ☐ Design Error/Omission ☐		This is an annual update, reflecting the most current information at the start of the fiscal year 2001. Changes to the baseline were approved by BCR FFTF-00-07 and ART-00-005, which were approved 9/28/2000. This revision updates the RLS to reflect those changes.			
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Criticality Specification	☐	Calibration Procedure	☐	Test Procedures/Specification	☐
Conceptual Design Report	☐	Installation Procedure	☐	Component Index	☐
Equipment Spec.	☐	Maintenance Procedure	☐	ASME Coded Item	☐
Const. Spec.	☐	Engineering Procedure	☐	Human Factor Consideration	☐
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FFTF and Advanced Reactors Transition Program Resource Loaded Schedule

Prepared for the U.S. Department of Energy
Office of Nuclear Energy

Project Hanford Management Contractor for the
U.S. Department of Energy under Contract DE-AC06-96RL13200

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FFTF and Advanced Reactors Transition Program Resource Loaded Schedule

Document Type: TR

Division: FFTF

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

Date Published
October 2000

Prepared for the U.S. Department of Energy
Office of Nuclear Energy

Project Hanford Management Contractor for the
U.S. Department of Energy under Contract DE-AC06-96RL13200

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1.0 EXECUTIVE SUMMARY

1.1. Mission

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

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

1.2. Scope

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

Fast Flux Test Facility Standby Plan (Reference 1)

Hanford Site Sodium Management Plan (Reference 2)

309 Building Transition Plan (Reference 4)

The technical scope, cost, and schedule baseline is also in agreement with the concurrent revision to the ART Fiscal Year (FY) 2001 Multi-Year Work Plan (MYWP), which is available in an electronic version (only) on the Hanford Local Area Network, within the "Hanford Data Integrator (HANDI)" application.

1.2.1 Life Cycle

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

Deactivation of the Nuclear Energy Legacy facilities requires that the alkali metals, sodium and sodium-potassium (NaK) alloy be removed from the various test and development systems, which were located around the site. At the end of FY 2000, all of this sodium and NaK had been removed and the test systems deactivated, except for the sodium systems in the 300 Area, 337 Building High Bay and the adjacent 3718-M sodium drain tank building. Approximately 3,000 gallons of frozen sodium remains in the High Temperature Sodium Facility components and piping, located in the 337 Building High Bay, and as residuals in the associated sodium drain tank in the 3718-M building.

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

1.2.2 Execution Year

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

The NE Legacies scope in FY 2001 is to maintain the assigned facilities in a safe and compliant state. Further removal of sodium systems is not funded, except for contingency support of completing NaK reaction processes and shipment of a small cold trap for disposal.

The 309 Building deactivation activities in FY 2001 will be limited by funding constraints. The principal activity will be to clean out the Fuel Transfer Pit.

The FFTF standby activities will focus on the following:

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

1.3. Work Breakdown Structure

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

1.4. Schedule

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

1.4.1. NE Legacies

The NE Legacies schedule is depicted in Figure 1.3.

1.4.2. PRTR/309 Building

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

1.4.3. FFTF

The FFTF, FY 1999, 2000, and 2001 standby schedule is depicted in Figure 1.5. The repair/upgrade of fuel handling equipment is shown to its completion.

1.4.4. RL Milestones

Figure 1.6 identifies all of the active RL milestones being pursued in FY 2001. TPA milestones, which are the subject of pending change requests, are identified in Section 3.0, but are not included in the FY 2001 baseline because of the FFTF being placed in Standby.

1.5 Cost Summary

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

FFTF standby costs are planned for FY 2001 only. The project appropriation totals \$44,010K, of which \$36,924K is reflected in the RLS baseline. In addition, DOE Headquarters is withholding Safeguards and Security charges of \$5,486K, and Programmatic Environmental Impact Statement costs of \$1,500K. Laundry charges of \$100K are paid directly by RL holdback of appropriated project funds. These values are also presented in Table 1.2. A more detailed breakdown of the FFTF costs is provided in section 4. Costs beyond FY 2001 will be determined based on mission direction.

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

FIGURE 1.2 FFTF Work Breakdown Structure

NE LEGACIES

FIGURE 1.3 NE Legacies Summary Schedule

PRTR/309 BUILDING

FIGURE 1.4 PRTR/309 Building Summary Schedule

FAST FLUX TEST FACILITY

FIGURE 1.5 FFTF Standby Summary Schedule

RL MILESTONES - ART

	FY01				FY02				FY03				FY04			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
Stabilize PRTR Fuel Transfer Pit				☆ B79-99-900 4/20												
Complete Disposition Options for Hanford Non-radioactive Sodium					☆ (MX-92-11-T01) 3/29											
Stabilize PRTR Transfer Waste Holding Tanks									☆ B79-97-902 7/31							
Stabilize PRTR Fuel Storage Basin									☆ B79-98-905 8/21							
Clean Out the Balance of the PRTR Containment									☆ B79-99-901 9/30							
Stabilize the 309 Building Stack and Pits													☆ B79-99-902 9/30			
Transition Bldg 309 to Shutdown Status															☆ B79-01-901 6/29	

FIGURE 1.6 RL Level Milestones

RL MILESTONES - FFTF

	FY01												FY02												FY03											
	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M						
Health of the Facility Workphase 01-1						☆																														
						1/31																														
Health of the Facility Workphase 01-2																																				
Sodium Removal System Control System Construction																																				
Definitive Design for Solid Waste Cask																																				
Health of the Facility Workphase 01-3																																				
Acceptance Testing for CLEM Control System																																				
Upgrade the Solid Waste Cask																																				
Establish Readiness for OTA Shearing ATP																																				
Complete ATP for OTA Shear																																				
Obtain Authorization for OTA Shear Operation																																				

Figure 1. FFTF Milestones

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

	FY 1997 Actuals	FY 1998 Actuals	FY 1999 Actuals	FY 2000 Actuals	FY 2001	FY2002	FY 2003	FY 2004	FY 2005	LIFE CYCLE
ART S&M										
NE Legacies	780	490	402	328	386	497	492	447	447	
309 Bldg	744	714	458	414	757	841	830	735		
TOTAL:	1,524	1,204	860	742	1,143	1,338	1,322	1,182	447	9,762
ART Deactivation										
NE Legacies	1,813	1,214	84	300	27	1,219	1,238	568	503	6,966
309 Bldg	1,280	231	531	115	213	996	1,073	113		4,552
FFTF Costs	9,929	36,853								46,782
Escalation						71	145	113	78	407
PERFORMANCE BASELINE	14,546	39,502	1,475	1,157	1,383	3,624	3,778	1,976	1,028	68,469
RL Direct Funded			79	98	105	100	100	100	100	682
Safeguards & Security					12					12
Escalation						2	4	6	8	20
TP11 TOTAL	14,546	39,502	1,554	1,255	1,500	3,726	3,882	2,082	1,136	69,183

TABLE 1.2 FFTF COSTS BY FISCAL YEAR

	FY 1997 Actuals	FY 1998 Actuals	FY 1999 Actuals	FY 2000 Actuals	FY 2001	FY2002	FY 2003	FY 2004	LIFE CYCLE
FFTF Costs	28,433		37,267	34,550	36,924	TBD	TBD	TBD	TBD
Escalation									
PERFORMANCE BASELINE	28,433		37,267	34,550	36,924				
Spare Parts Transfer	9,804								
RL Direct Funded			77	90	100				
Safeguards & Security					5,486				
HQ Holdback for PEIS					1,500				
Escalation									
NE TOTAL	38,237	0	37,344	34,640	44,010				

2.0 TECHNICAL BASELINE

2.1 Mission

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

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

2.1.1 Background

The Secretary of Energy announced a decision on January 15, 1997, (Reference 6) directing that the FFTF is to be maintained in a standby condition to permit the U.S. Department of Energy (DOE) to make a decision on whether the facility should play a future role in the DOE dual track tritium production strategy. A decision was announced in March 1999 that the FFTF would not be included in the tritium mission options. However, an additional study was directed to further evaluate alternative missions to produce medical and other isotopes. On August 18, 1999, the Secretary of Energy announced that an EIS would be developed to consider the operation of the FFTF for isotope production. The Programmatic EIS has been issued in draft form and public comments were received through September 18, 2000. A final EIS and a Record of Decision are expected to be issued before the end of calendar year 2000.

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

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

2.2 Scope

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

Fast Flux Test Facility Standby Plan (Reference 1)

Hanford Site Sodium Management Plan (Reference 2)

309 Building Transition Plan (Reference 4)

The technical scope, cost, and schedule baseline is also in agreement with the concurrent revision to the ART Fiscal Year (FY) 2001 Multi-Year Work Plan (MYWP).

2.2.1 NE Legacies

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

Remaining scope to be accomplished is:

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

NE Legacy objectives in FY 2001 are:

- Provide surveillance and maintenance of the 337B High Bay, 3718M storage tank building, and 335 Building.
- Ship the Small Heat Transfer Loop cold trap for disposal.

2.2.2 309 Building/PRTR

The 309 Building/PRTR subproject will stabilize the facility and configure it to require minimum surveillance and maintenance pending final decommissioning and demolition. This will involve sampling and characterization of the facility, removal and disposal of hazardous materials, and stabilization of residual contaminants. Specific activities remaining to be completed include:

- Stabilize the Transfer Waste Tanks and associated equipment
- Stabilize the fuel storage basin
- Stabilize the PRTR reactor cavity
- Stabilize the fuel transfer pit
- Clean out the balance of the containment
- Stabilize the HVAC stack and filter pit
- Upgrade the roof on the office/shop sections of the building to a sound condition
- Complete turnover documentation and files

309 Building/PRTR objectives for FY 2001 are:

- Perform surveillance and maintenance of the 309 Building.
- Complete cleanout and stabilization of the fuel transfer pit.

2.2.3 FFTF

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

Near term FFTF objectives include:

- Maintain the health of the facility by performing scheduled preventive maintenance and prioritized corrective maintenance.
- Complete the design for the Solid Waste Cask (SWC) repair. Restore the SWC to operable status in FY 2002.
- Complete CLEM control system upgrade acceptance testing.
- Complete the installation of upgrades to the Sodium Removal System controls, control panel C-1167.
- Support the DOE Programmatic Environmental Impact Statement (PEIS) process by providing requested information.

2.3 Assumptions

- The FFTF will remain in "standby" throughout FY 2001. Should the DOE issue a mission decision, necessary changes will be implemented by BCR.
- Tri-Party Agreement (TPA) milestones related to the FFTF have been placed "in abeyance" per approved TPA Change Request M-81-98-01. This change was approved August 24, 1999.
- The Hanford Site sodium related TPA milestones are also in abeyance per TPA Change Request M-92-98-01.

2.4 Work Breakdown Structure

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

Figure 2.1 shows the EM work scope under PBS RL-TP11.

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

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

2.4.1 Work Breakdown Structure Dictionary

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

2.4.2 Responsibility Assignment Matrix

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

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

KEY:
IR: WBS No.
TITLE
CASN

FIGURE 2.2 FFTE Work Breakdown Structure

Hanford Site Work Breakdown Structure Dictionary
Advanced Reactors Transition
WBS 1.12

Activity Title		Date:	PBS Number:	Dictionary Rev.
Advanced Reactors Transition		10/1/00	RL-TP11	1
WBS Number	Baseline CR No.	Organization Code	B&R Number:	
1.12. 1		1C000	EX04J102	
Scope of Work:				
<p>Advanced Reactors Transition maintains and performs deactivation of the NE Legacy Facilities and the 309 Building/Plutonium Recycle Test Reactor (PRTR). Maintaining these facilities will ensure safe and compliant operation of assigned facilities in the Hanford 300 Area. Deactivation activities will reduce the Hanford site mortgage associated with surplus facilities and may also contribute to the economic transition objectives by making facilities such as the 337 High Bay available for alternative usage.</p>				

Hanford Site Work Breakdown Structure Dictionary
Advanced Reactors Transition
WBS 1.12

Activity Title		Date:	PBS Number:	Dictionary Rev.
NE Legacy Facilities		8/31/98	RL-TP11	0
WBS Number	Baseline CR No.	Organization Code	B&R Number:	
1.12. 1. 1		1C200	EX04J102	
Scope of Work:				
<p>Maintain and perform deactivation of the NE Legacy Facilities. These facilities, used in the development of sodium system technology for design and operation of the Fast Flux Test Facility, include the 335 Building, the 3718M Building, and the 337 High Bay, all located in the southeast section of the 300 Area.</p> <p>Sodium test systems in the 335 Building have been dismantled and the facility is being used for storage and staging of materials and equipment associated with the NE Legacy Facilities. The 3718M Building is a storage tank enclosure containing a 45,000-gallon tank. This tank has been drained of the bulk sodium and is held under inert gas blanket, pending final cleaning of sodium residuals. The 337 High Bay contains a developmental sodium test loop and partial FFTF reactor vessel mock-up containing an estimated 2,800 gallons of metallic sodium.</p>				

Hanford Site Work Breakdown Structure Dictionary

Advanced Reactors Transition

WBS 1.12

Activity Title		Date:	PBS Number:	Dictionary Rev.				
Maintain Safe & Compliant NE Legacy Facilities		10/1/00	RL-TP11	1				
WBS Number	Baseline CR No.	Organization Code	B&R Number:					
1.12.01.01.01		1C200	EX04J102					
Scope of Work:								
<p>Provide building management and operation for the 335, 337 High Bay, and 3718-M buildings and the sodium systems located in Building 337 High Bay basement and Building 3718M. Provide electrical power and electrical maintenance for buildings 335, 3718M, and 337 High Bay. Provide steam for the 337 High Bay through RL holdback of funds for "energy savings performance contract." Provide inert gas for sodium system protection. Provide building emergency organization support for buildings containing sodium.</p> <p><u>Current Year Work</u> Surveillance and maintenance activities, as described above, will be performed.</p> <p><u>Out-year Planning</u> Surveillance and maintenance activities, as described above, will be required until deactivation of the NE Legacy facilities is completed.</p> <p>This WBS covers work necessary to support satisfying the following technical baseline requirements for the Hanford clean up mission:</p> <ul style="list-style-type: none"> - 300 Area facilities shall be surveilled and maintained within the approved safety envelope. <p>Key documents used for allocating Site requirements to this WBS include:</p> <table style="width: 100%; border: none;"> <thead> <tr> <th style="text-align: left;">Name</th> <th style="text-align: left;">Title</th> </tr> </thead> <tbody> <tr> <td>DOE/RL-96-92</td> <td>Hanford Strategic Plan</td> </tr> </tbody> </table>					Name	Title	DOE/RL-96-92	Hanford Strategic Plan
Name	Title							
DOE/RL-96-92	Hanford Strategic Plan							

Control Account Dictionary

Advanced Reactors Transition

WBS 1.12

Title:			Date:	PBS Number:	Dictionary Rev.
NE Legacies Occupancy			10/1/00	RL-TP11	1
WBS Number:	CAP Number:	CACN	Baseline CR No:	Organization Cod	B & R No:
1.12.1.1.1.1	1B1C11	101541		1C200	EX04J102
Scope of Work:					
<p>Provide Landlord services for the Building 337 Highbay and buildings 335 and 3718M.</p> <p>Provide building management and operation for the 335, 337 Highbay, and 3718-M buildings and the sodium systems located in Building 337 Highbay basement and Building 3718M. Provide electrical power and electrical maintenance for buildings 335, 3718M, and 337 Highbay. Provide inert gas for sodium system protection. Provide building emergency support for buildings containing sodium. Write Auditable Safety Analysis for 337 Highbay.</p> <p>Provide steam for the 337 Highbay through RL holdback of funds for "energy savings performance contract." (Note: This cost is not included in the "Cost Target.")</p> <p>This scope includes an apportioned share of PHMC fee associated with NE Legacies work scope.</p>					
Deliverables/Milestones: (Item/Date)					
Update HNF-1P-1258, 335 and 337B Administration Manual.					
Cost Target: (Thousands of dollars)					
\$386					
Project Manager			Control Account Manager		
R. K. Hulvey			W.F. Brehm		

Hanford Site Work Breakdown Structure Dictionary

Advanced Reactors Transition

WBS 1.12

Activity Title		Date:	PBS Number:	Dictionary Rev.
Transition NE Legacy Facilities		10/1/00	RL-TP11	1
WBS Number	Baseline CR No.	Organization Code	B&R Number:	
1.12.01.01.02		1C200	EX04J102	
Scope of Work:				
Provide management, technical lead and coordination for the disposition of the non-reactor NE facilities.				
The scope of this effort includes: development and implementation of the plans to eliminate NE programs legacies; implementation of the Sodium Management Plan reflecting coordination with DOE and WA-Ecology and addressing potential RCRA issues and applicability; disposition of excess material associated with these facilities. Approximately 50,000 gallons of alkali metal must be dispositioned from various test loops and storage tanks. These include a 5,000-gallon tank in the 100 DR area, the Containment Systems Test Facility in the 200 West area and in the 300 Area a 50,000-gallon storage tank, two small test loops, and the Composite Reactor Test Activity, which contains an estimated 3,000 gallons of sodium.				
<u>Current Year Work</u>				
During FY 2001, the Small Heat Transfer Loop cold trap will be shipped off site for disposal. Begin planning for removal of the High Temperature Sodium Facility piping. Complete visual inspection of the Composite Reactor Component Test Activity.				
<u>Out-year Planning</u>				
The High Temperature Sodium Facility, including the Composite Reactor Component Test Activity (CRCTA), its cold trap, and interconnecting piping must be dispositioned. The piping will be removed, cut up, packaged, and shipped off site for disposal. The CRCTA vessel will be drained, if necessary, before it and the 3718-M storage tank are cleaned in place to remove sodium residuals. The cold trap will be removed and dispositioned. This work is estimated to require about 3-1/2 years to complete.				
This WBS covers work necessary to support satisfying the following technical baseline requirements for the Hanford clean up mission:				
- Disposal of Alkali Metal Test Loops will comply with DOE/EA-0987				
- High cost surplus facilities and systems shall be transitioned to a low cost, stable, deactivated condition.				
- Facilities and systems shall be made available for other uses.				
- Complete acquisition of new facilities, modification of existing facilities, and/or modification of planned facilities necessary for the storage, treatment/processing, and disposal of Hanford Site Sodium (Na). [Due Date: In Abeyance]				
- TPA Milestone M-92-10, Submit Hanford Site sodium project management plan (PMP) to Ecology pursuant to agreement action plan section 11.5. [Due Date: In Abeyance]				
- Complete disposition options for all Hanford non-radioactive sodium. [Due Date: 3/31/2002]				
Key documents used for allocating Site requirements to this WBS include:				
Name		Title		
DOE/EA-0987		Disposition of Alkali Metal Test Loops, Hanford Site, Richland, Washington		
DOE/EIS-0222D		Draft Hanford Remedial Action Environmental Impact Statement and Comprehensive Land Use Plan		
DOE/RL-89-10		Hanford Federal Facility Agreement and Consent Order (Tri-Party Agreement), Revision 5		
DOE/RL-96-92		Hanford Strategic Plan		

Control Account Dictionary
Advanced Reactors Transition
WBS 1.12

Title:			Date:		PBS Number:		Dictionary Rev.:	
Remove and Ship 337 Control and Piping			10/1/00		RL-TP11		1	
WBS Number:		CAP Number:		CACN	Baseline C	Organization Code:		B & R No:
1.12.1.1.2.1		1B1C21		101542		1C200		EX04J102
Scope of Work:								
<p>This scope is to prepare work documents for the removal of the 337B Building High Temperature Sodium Facility piping. Prepare draft schedule for task completions. Begin fieldwork as funding permits.</p> <p>Complete visual inspection of Composite Reactor Component Test activity vessel intervals.</p>								
Deliverables/Milestones: (Item/Date)								
<p>Approved work documents and draft schedules as funding permits.</p>								
Cost Target: (Thousands of dollars)								
\$27								
Project Manager					Control Account Manager			
R. K. Hulvey					W. F. Brehm			

Hanford Site Work Breakdown Structure Dictionary
Advanced Reactors Transition
WBS 1.12

Activity Title		Date:	PBS Number:	Dictionary Rev.
309 Facility		8/31/98	RL-TP11	0
WBS Number	Baseline CR No.	Organization Code	B&R Number:	
1.12. 1. 2		1B300	EX04J102	
Scope of Work:				
<p>The PRTR/309 Building work scope includes the surveillance and operation of the facility subject to DOE Orders and federal codes for radiological facilities. The deactivation and compliance activities prepare the building for acceptance by EM-40 for long-term surveillance and maintenance pending decontamination and decommissioning. Activities will dispose of equipment, components, and waste products associated with the PRTR reactor systems, including all nonessential systems (e.g., heating ventilating and air conditioning (HVAC), electrical distribution, monitoring, and fluid), which will be shutdown and drained or de-energized. The process, laboratory, and office areas of the facility will be secured to convert the facility to a minimum safe S&M condition for turnover to an ERC for long-term interim surveillance preparatory to a final D&D phase.</p>				

Hanford Site Work Breakdown Structure Dictionary

Advanced Reactors Transition

WBS 1.12

Activity Title		Date:	PBS Number:	Dictionary Rev.						
Maintain Safe & Compliant 309 Facility		8/31/98	RL-TP11	0						
WBS Number	Baseline CR No.	Organization Code	B&R Number:							
1.12.01.02.01		1B300	EX04J102							
Scope of Work:										
<p>Provides building administration, building operations, maintenance, and safety analysis.</p> <p>Building administration includes work management using the JCS system, lock and tag administration, property protection, emergency planning, facility access control, facility orientation and maintenance of the shutdown log.</p> <p>Building operations includes paying utility bills, maintaining safe conduct of operations, and surveillance. Surveillance includes routine radiation protection surveys, operations checks, housekeeping and safety inspections and compliance assurance.</p> <p>Maintenance includes preventive and corrective maintenance activities to ensure the building's safety envelope is adequate during the transition activities. It also includes input into the maintenance section of the building's D&D plan.</p> <p><u>Current Year Work</u> Surveillance and maintenance activities, as described above, will be performed.</p> <p><u>Out-year Planning</u> Surveillance and maintenance activities, as described above, will be required until deactivation of the 309 Facility is completed.</p> <p>This WBS covers work necessary to support satisfying the following technical baseline requirements for the Hanford clean up mission:</p> <ul style="list-style-type: none">- South 600 Area gaseous effluent releases shall be monitored.- 300 Area facilities shall be surveilled and maintained within the approved safety envelope.- <p>Key documents used for allocating Site requirements to this WBS include:</p> <table><tr><th>Name</th><th>Title</th></tr><tr><td>DE-AC06-96RL13200</td><td>Project Hanford Management Contract, Fluor Hanford, Inc.</td></tr><tr><td>DOE/RL-96-92</td><td>Hanford Strategic Plan</td></tr></table>					Name	Title	DE-AC06-96RL13200	Project Hanford Management Contract, Fluor Hanford, Inc.	DOE/RL-96-92	Hanford Strategic Plan
Name	Title									
DE-AC06-96RL13200	Project Hanford Management Contract, Fluor Hanford, Inc.									
DOE/RL-96-92	Hanford Strategic Plan									

Control Account Dictionary Advanced Reactors Transition WBS 1.12

Title:			Date:	PBS Number:	Dictionary Rev
309 BUILDING FACILITY			9/29/98	RL-TP11	0
WBS Number:	CAP Number:	CACN	Baseline CR No:	Organization Code:	B & R No:
1.12.1.2.1.1	1B1D01	101547		1B300	EX04J102
Scope of Work:					
<p>S&M activities include building administration, building operations, maintenance, and safety analysis.</p> <p>Building administration consists of work management using the Job Control System (JCS), lock and tag administration, property protection, emergency planning, facility access control, personnel training and facility orientation.</p> <p>Building operations consists of utility assessments, management assessments, procedure maintenance, maintaining safe conduct of operations, and surveillance. Surveillance includes routine radiation protection surveys, operations checks, housekeeping and safety inspections, exhaust stack periodic confirmatory sampling and compliance assurance.</p> <p>Maintenance includes preventive and corrective maintenance activities to ensure the building's safety envelope is adequate during the transition activities. It also includes input into the maintenance section of the building's D&D plan.</p> <p>This scope includes an apportioned share of PHMC fee associated with PRTR work scope.</p>					
Deliverables/Milestones: (Item/Date)					
No discrete deliverables.					
Cost Target: (Thousands of dollars)					
\$757K					
Project Manager			Control Account Manager		
R. K. Hulvey			M. W. Benecke		

Hanford Site Work Breakdown Structure Dictionary Advanced Reactors Transition WBS 1.12

Activity Title		Date:	PBS Number:	Dictionary Rev.								
Transition 309 Facility		8/31/98	RL-TP11	0								
WBS Number	Baseline CR No.	Organization Code	B&R Number:									
1.12. 1. 2. 2		1B300	EX04J102									
Scope of Work:												
<p>Deactivation activities to be accomplished include disposition of the underground emergency diesel fuel oil tank; characterize, cleanout, and stabilize the Transfer Waste Tank farm, the Rupture Loop Annex, the Fuel Storage Basin, the Fuel Examination Cell, the Fuel Transfer Basin and Fuel Transfer Pit, the PRTR reactor cavity and the containment building; configure surveillance lighting; replace the H&V system HEPA filters, characterize, clean out and shutdown the 309-PRTR stack; disconnect and cap sanitary and process sewer lines; remove asbestos bearing coatings from the external surface of the dome and stabilize other friable asbestos materials; and upgrade the roof on other parts of the building. Completion reports will be prepared for key activities.</p> <p>The facility Safety Basis document will be formatted in the Auditable Safety Analysis style to be consistent with the graded approach philosophy of a radiological facility rather than a nuclear facility.</p> <p><u>Current Year Work</u> 309 Building efforts in FY 2001 will focus completing clean out of the Fuel Transfer Pit. The "309 Facility Deactivation and Decommissioning Criteria Completion Check Lists," WHC-SD-NEL-RD-001 will be maintained current with the ERC as progress continues toward final deactivation and turnover.</p> <p><u>Out-year Planning</u> Clean out, characterization and stabilization will continue on an area-by-area basis. This is scheduled to complete the transition checklist, for turnover to the ERC in another 3-years.</p> <p>This WBS covers work necessary to support satisfying the following technical baseline requirements for the Hanford clean up mission:</p> <ul style="list-style-type: none">- High cost surplus facilities and systems shall be transitioned to a low cost, stable, deactivated condition.- Facilities and systems shall be made available for other uses.- Facilities shall be transitioned to the surveillance and maintenance phase when no longer required to support the site mission.- The Contractor shall safely and efficiently manage the deactivation of the 309 Building and associated facilities in the 300 Area whose mission was the space power program. The program will disposition nuclear material in these facilities. As the material is removed, each facility will be deactivated to reduce risk and attain the lowest surveillance and maintenance cost to a condition ready for disposition.- The contractor shall clean up the nuclear waste and stabilize the 309 Building and surrounding area such that the closure of the 309 Building can be accomplished. <p>Key documents used for allocating Site requirements to this WBS include:</p> <table><tr><th>Name</th><th>Title</th></tr><tr><td>DE-AC06-96RL13200</td><td>Project Hanford Management Contract, Fluor Hanford, Inc.</td></tr><tr><td>DOE/EIS-0222D</td><td>Draft Hanford Remedial Action Environmental Impact Statement and Comprehensive Land Use Plan</td></tr><tr><td>DOE/RL-96-92</td><td>Hanford Strategic Plan</td></tr></table>					Name	Title	DE-AC06-96RL13200	Project Hanford Management Contract, Fluor Hanford, Inc.	DOE/EIS-0222D	Draft Hanford Remedial Action Environmental Impact Statement and Comprehensive Land Use Plan	DOE/RL-96-92	Hanford Strategic Plan
Name	Title											
DE-AC06-96RL13200	Project Hanford Management Contract, Fluor Hanford, Inc.											
DOE/EIS-0222D	Draft Hanford Remedial Action Environmental Impact Statement and Comprehensive Land Use Plan											
DOE/RL-96-92	Hanford Strategic Plan											

Control Account Dictionary Advanced Reactors Transition WBS 1.12

Title:		Date:		PBS Number:		Dictionary Rev.:	
Stabilize PRTR Fuel Transfer Pit		9/27/99		RL-TP11		0	
WBS Number:	CAP Number:	CACN	Baseline CR No:	Organization Code:	B & R No:		
1.12.1.2.2.5		101552		1B300	EX04J102		
Scope of Work:							
<p>Survey and characterize the fuel transfer pit. As necessary, remove loose material and contamination; dispose of contaminated materials. Document the final condition of the fuel transfer pit.</p> <p>The fuel transfer pit characterization was completed in 1998. (See HNF-2371.)</p> <p>The areas documented by the report are the Fuel Transfer Pit (FTP) and Fuel Storage Basin (FSB). The FTP has had all fuel handling equipment removed. The FTP has some debris on the floor, with minor pieces of equipment left in it. It also has an estimated 95 L (25 gal) of water on the floor and in its drainpipe. The associated Hoist Pit still contains the motor, hoist spool, and cable used to transfer fuel between the FTP and the FSB.</p> <p>Radiological Summary - the FTP has varying amounts of smearable contamination. There is 8.0 mR/hr dose at the FTP floor. The most common isotope is 137Cs, which was seen in virtually every sample. 90Sr was found in every sample taken in the FTP, indicating the room was probably not washed down after equipment removal. The FTP has an associated Hoist Pit that was opened up and characterized. It contains a cable hoist and the cable. This little pit is also contaminated with 137Cs and 90Sr. Contamination was concentrated on the wire cable and reel.</p> <p>Chemical Summary - The FTP has about 1/2" to 1" of water on the floor, with sludge underneath it. The water is not regulated under RCRA, but the sludge is regulated for lead (Pb) under RCRA. Beryllium was not detected in the FTP sludge or water.</p> <p>Recommendation - The FTP needs to be drained and cleaned. Contamination stabilization is not recommended since this space is so inaccessible.</p>							
Deliverables/Milestones: (Item/Date)							
Drain and clean the FTP.							
Cost Target: (Thousands of dollars)							
\$213K							
Project Manager				Control Account Manager			
R. K. Hulvey				M. W. Benecke			

Hanford Site Work Breakdown Structure Dictionary
FFTF Project
WBS 2.01.01.01.21.01

Activity Title		Date:	PBS Number:	Dictionary Rev.
FFTF Project		8/31/98	MS01	0
WBS Number	Baseline CR No.	Organization Code	B&R Number:	
2.01.01.01.21.01		1C000	AF79	
Scope of Work:				
<p>The Fast Flux Test Facility (FFTF) Project is responsible to maintain the FFTF and support facilities in a safe and compliant condition. The condition of the plant hardware, software, and personnel will be preserved in a manner not to preclude a plant restart.</p> <p>Maintain the Fast Flux Test Facility and associated facilities in a standby condition while an evaluation is conducted of any future role that the facility might have in the Department's isotope production strategies.</p> <p>The surveillance and maintenance (S&M) of facilities and plant systems will be performed to comply with federal and state safety requirements. In the standby condition, S&M of the FFTF shall have additional objectives to ensure that there is: (a) no degradation of key plant systems; (b) retention of the authorization basis and configuration control; (c) maintenance of key staffing, qualifications, and training.</p> <p>In addition, deactivation activities continue, consistent with maintaining standby, such as cleaning and storing of spent fuel and other reactor components, maintaining equipment required for deactivation, and completing the planning necessary to resume an orderly transition to shutdown (if appropriate.).</p>				

Hanford Site Work Breakdown Structure Dictionary
 FFTF Project
 WBS 2.01.01.01.21.01

Activity Title		Date:	PBS Number:	Dictionary Rev.
FFTF		8/31/98	MS01	0
WBS Number	Baseline CR No.	Organization Code	B&R Number:	
2.01.01.01.21.01.01		1C000	AF79	
Scope of Work:				
<p>The Fast Flux Test Facility (FFTF), located in the 400 Area, includes the FFTF reactor facility, the Fuels and Materials Examination Facility (FMEF), and supporting facilities. Work included in this scope includes maintaining safe and compliant material (control of nuclear materials) and removing nuclear materials from the FFTF.</p> <p>Once the FFTF has completed any future operational mission and is directed to be shutdown, additional activities, consistent with the "post-operations" phase of the lifecycle will be performed. These activities will include the functions of maintaining safe and compliant facilities and transitioning the FFTF to a shutdown condition.</p>				

Hanford Site Work Breakdown Structure Dictionary

FFTF Project

WBS 2.01.01.01.21.01

Activity Title		Date:	PBS Number:	Dictionary Rev.				
Maintain Safe & Compliant Materials in FFTF		8/31/98	MS01	0				
WBS Number	Baseline CR No.	Organization Code	B&R Number:					
2.01.01.01.21.01.01		1C000	AF79					
Scope of Work:								
<p>This WBS maintains the Fast Flux Test Facility and associated facilities in a standby condition while an evaluation is conducted of any future role that the facility might have in the Department's isotope production strategy.</p> <p>The surveillance and maintenance (S&M) of facilities and plant systems will be performed to comply with federal and state safety requirements. Activities will include required project planning and management, operation and monitoring of plant systems and components, monitoring of regulated effluent streams, safeguarding nuclear materials, maintaining the design of the FFTF plant systems and components, and maintaining equipment and systems operational. In the standby condition, S&M of the FFTF shall have additional objectives to ensure that there is: (a) no degradation of key plant systems; (b) retention of the authorization basis and configuration control; (c) maintenance of key staffing, qualifications, and training.</p> <p>Program planning activities include the preparation of budget documents, program plans, and schedules. Performance to these plans and schedules will be monitored and managed.</p> <p>Support will be provided to the preparer of the Environmental Impact Statement for operation of the Fast Flux Test Facility</p> <p><u>Current Year Work</u> Surveillance and maintenance activities, as described above, will be performed.</p> <p><u>Out-year Planning</u> TBD. Out-year activities will be determined based on the assigned mission.</p> <p>This WBS covers work necessary to support satisfying the following technical baseline requirements for the Hanford clean up mission:</p> <ul style="list-style-type: none"> - Spent fuels (light water reactor) shall be moved from the 400 Area interim storage to the Central Plateau Interim Storage. - <p><u>Key documents used for allocating Site requirements to this WBS include:</u></p> <table style="width: 100%;"> <tr> <td style="width: 50%;">Name</td> <td style="width: 50%;">Title</td> </tr> <tr> <td>DOE/RL-96-92</td> <td>Hanford Strategic Plan</td> </tr> </table>					Name	Title	DOE/RL-96-92	Hanford Strategic Plan
Name	Title							
DOE/RL-96-92	Hanford Strategic Plan							

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

Title:			Date:		PBS Number:		Dictionary Rev.	
TPO Program Management			10/01/00		RL-MS01		1	
WBS Number:		CAP Number:		CACN	Baseline CR No:		Organization Code:	
2.1.1.1.21.1.1.1.1.1		1B1030		101557			1C400	
							AF79	
Scope of Work:								
<p>Provide overall management direction and administrative/clerical support for the ART/FFTF program management efforts. This includes all financial activities, planning and scheduling, special studies, reviews, etc. for ART/FFTF, the contractor, and RL. Provide onsite and offsite training to meet requirements for current job assignments for the TPO staff. As directed, provide oversight and integration of the Integrated Safety Management (ISM) System Plan at FFTF; support special safety initiatives related to ISM.</p> <p>Administer the project's Safety First Program.</p> <p>Provide project status reports.</p>								
Deliverables/Milestones: (Item/Date)								
<p>Issue weekly project status reports.</p> <p>Conduct monthly program performance review meetings.</p> <p>Issue quarterly reports on the project's Safety First Program.</p> <p>Conduct monthly reviews of TPO training status; maintain training delinquencies at zero.</p>								
Cost Target: (Thousands of dollars)								
\$1,026								
Program Manager					Control Account Manager			
R. K. Hulvey					R. K. Hulvey			

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

Title:		Date:		PBS Number:		Dictionary Rev.	
Project Control/Planning/Scheduling		10/1/00		RL-MS01		1	
WBS Number:	CAP Number:	CACN	Baseline CR No:	Organization Code:	B & R No:		
2.1.1.1.21.1.1.1.1.2	1B1033	101558		1C400	AF79		
Scope of Work:							
<p>Provide management oversight of schedule development/maintenance, nuclear material accountability (includes LMSI support of the RICS, and T-3/DSWC/ISC trailer maintenance), and corrective action management at FFTF. This includes:</p> <p>Develop and maintain all long range resource loaded schedules for the project and their interface with the PHMC financial system utilizing the site standard P-3 software. Assist in the development and implement Baseline Change Requests.</p> <p>Collect data and provide monthly progress update of scheduled performance to the financial system.</p> <p>Support the FFTF Standby Project Office by developing various schedule and budget scenarios for shutdown, start-up, and continued standby.</p> <p>Develop and maintain all fuel handling plans (Detailed Refueling Plans and IEM Cell Work Plans) for the FFTF, obtain computer support services to maintain the Refueling Inventory Control System (RICS) software and database.</p> <p>Provide all Nuclear Material Control and accountability for the 400 Area. Provide field support for various fuel handling and Nuclear Materials Control activities.</p> <p>Provide maintenance for the specialized trailers used to move nuclear material casks.</p> <p>Provide leadership to the FFTF Deficiency Evaluation Group and serve as the facility Point of Contact to interface with the site corrective action management organization.</p>							
Deliverables/Milestones: (Item/Date)							
Resource Loaded Schedule							
Monthly reports on cost and schedule performance							
Monthly corrective action management reports to the Project Director							
Annual inspection of Interim Storage Cask Tamper Indicating Devices.							
Cost Target: (Thousands of dollars)							
\$547							
Program Manager				Control Account Manager			
R. K. Hulvey				W. V. Witherspoon			

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

Title:			Date:		PBS Number:		Dictionary Rev.:	
Integration Management			10/1/00		RL-MS01		1	
WBS Number:		CAP Number:		CACN	Baseline CR No:		Organization Code:	B & R No:
2.1.1.1.21.1.1.1.1.3		1B1035		101559			1C400	AF79
Scope of Work:								
<p>Prepare budget and planning documents, including the Multi-Year Work Plan, Field Work Proposal, and ES&H. Maintain the baseline documents current through baseline change control.</p> <p>Monitor and report on project performance. Coordinate and chair the monthly Program Review meetings.</p> <p>Maintain the FFTF Safety Authorization Basis documents. This includes TPO actions to develop changes to maintain the FFTF and FSF safety analysis reports, Technical Specifications, and Criticality Specifications. This is primarily the administrative functions and general FSAR support to the plant. (Development of FSAR ECNs in support of plant modifications or other specific work should be charged to that scope of work.) Develop and maintain the FFTF Authorization Agreement (AA) and the Authorization Envelop for the project buildings not included within the AA.</p> <p>Respond to management requests, particularly from FH and RL, to provide presentation materials, evaluation of project related information, and response to "what-ifs." These requests often respond to HQ requests and require immediate response.</p> <p>Collect requested data and provide input to Site Systems Engineering group for inclusion in the Hanford Site Technical Database (HSTD), Hanford Site Environmental Management Specification (HSEMS), and MYWP. Review, verify, and correct Site Systems Engineering outputs related to FFTF.</p>								
Deliverables/Milestones: (Item/Date)								
<p>Field Work Proposal, and ES&H crosscuts / in accordance with FH & RL call letters</p> <p>FY 2002 Multi-Year Work Plan approved / 9/30/2001</p> <p>Annual update issued to the FFTF FSAR 12/31/2000</p> <p>Authorization Agreement and Authorization Envelope review/update</p>								
Cost Target: (Thousands of dollars)								
\$449								
Program Manager					Control Account Manager			
R. K. Hulvey					D. A. Gantt			

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

Title:		Date:		PBS Number:		Dictionary Rev.:	
FFTF Assessment Administration		10/1/00		RL-MS01		1	
WBS Number:		CAP Number:		CACN		Baseline CR No:	
2.1.1.1.21.1.1.1.1.4		1B1018		101560			
						Organization Code:	
						1C400	
						B & R No:	
						AF79	
Scope of Work:							
<p>Administer the FFTF S/RID Program This includes:</p> <ul style="list-style-type: none"> • Coordinating facility assessment planning, • Issuing, tracking and maintaining assessment schedules, • tracking and performing various S/RID assessments, • writing and issuing various reports, • coordinating and performing S/RID Phase 1 verifications and reports. <p>Assist in the administration of the FFTF Assessment program by supporting the Management Assessment Program Coordinator. This includes:</p> <ul style="list-style-type: none"> • Scheduling, tracking, and performing various management assessments, • Assisting the ISM assessment program, • Assisting in the Projects FEB Assessment preparations, • Assisting the processing changes to the requirements and implementation databases. <p>Act as the Projects PAAA Compliance Officer and the Nuclear Safety Regulatory Compliance (NSRC) Discipline Lead. This includes:</p> <ul style="list-style-type: none"> • Attending NSRC Compliance Officer meetings and briefing project management on PAAA issues and activities, • Evaluating, tracking, coordinating, and reporting deficiencies that are related to Nuclear Safety Regulatory issues and noncompliant conditions, <p>Coordinating, assisting and reporting FFTF actions and corrective actions associated Nuclear Safety Regulatory deficiencies and issues.</p>							
Deliverables/Milestones: (Item/Date)							
<p>Level 0 Milestones: Date:</p> <p>Issue FY00 4th Qtr S/RID Assessment Summary Report 11/15/00</p> <p>Issue FY01 1st Qtr S/RID Assessment Summary Report 02/15/01</p> <p>Issue FY01 2nd Qtr S/RID Assessment Summary Report 05/15/01</p> <p>Issue FY01 3rd Qtr S/RID Assessment Summary Report 08/15/01</p> <p>Note: These summary reports may be combined with the FFTF Management Assessment Summary Report.</p> <p>Issue FY02 S/RID Assessment Schedule 09/30/01</p> <p>Other Deliverables:</p> <p>S/RID Annual Update forwarded to RL for approval by 12/28/00</p> <p>Complete Phase 1 implementation assessment of Annual Update changes within 60 days after RL approval of S/RID Annual Update</p> <p>Provide FH Management Assessment Coordinator facility assessment information as requested.</p>							
Cost Target: (Thousands of dollars)							
\$157							
Program Manager				Control Account Manager			
R. K. Hulvey				W. L. Marshall			

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

Title:			Date:		PBS Number:		Dictionary Rev.:	
Plant Director's Office			10/1/00		RL-MS01		1	
WBS Number:		CAP Number:		CACN	Baseline CR No:		Organization Code:	B & R No:
2.1.1.1.21.1.1.1.1.5		1B1000		101561			1C000	AF79
Scope of Work:								
<p>Provide executive direction of the FFTF Project. The FFTF Project Director and Plant Director are responsible for the direction of the FFTF Project and the Advanced Reactors Program. This includes secretarial support and control of all project travel.</p> <p>Provide financial and business management functions. This includes financial analysis, budget planning, contract administration, performance reporting, and administration of change control, milestones and other project support functions.</p>								
Deliverables/Milestones: (Item/Date)								
<p>Periodic executive reporting and special studies to senior contractor management and DOE.</p> <p>Monthly project status reporting to contractors and DOE including staffing, milestones, Hanford Site Performance Report.</p> <p>Monthly performance reports, Environmental Management Tracking Report, change control reports, and subcontract reporting and invoice review and approval.</p>								
Cost Target: (Thousands of dollars)								
\$931								
Program Manager					Control Account Manager			
R. K. Hulvey					J. R. Montano			

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

Title:			Date:		PBS Number:		Dictionary Rev.				
FFTF FY00 Underrun Mgmt Acct			10/01/00		RL-MS01		0				
WBS Number:		CAP Number:		CACN		Baseline CR No:		Organization Code:		B & R No:	
2.1.1.1.21.1.1.1.1.10		1B1021		113179				1C400		AF79	
Scope of Work:											
<p>This cost account will provide a collection point for costs associated with the efficient and effective use of FY '00 underrun funds for emergent priority workscope.</p>											
Deliverables/Milestones: (Item/Date)											
None											
Cost Target: (Thousands of dollars)											
Costs Only											
Program Manager						Control Account Manager					
R. K. Hulvey						R. K. Hulvey					

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

Title:		Date:	PBS Number:	Dictionary Rev.:	
Corrective Action Management		10/1/00	RL-MS01	1	
WBS Number:	CAP Number:	CACN	Baseline CR No:	Organization Code:	B & R No:
2.1.1.1.21.1.1.1.1.11	1B1014	102801		1C400	AF79
Scope of Work:					
<p>This funding is in support of work activities associated with the identification, evaluation, and corrective action process of deficiencies at FFTF, for the purpose of promoting and documenting continuous improvement. Activities include:</p> <ul style="list-style-type: none"> - Initiating Document (Issue) Identification - Evaluation Facilitation - Deficiency Data Entry - Deficiency Reporting - Corrective Action Processing - Administrative Activities. 					
Deliverables/Milestones: (Item/Date)					
Corrective Action Management accomplished in accordance with the requirements of HNF-PRO-052.					
Cost Target: (Thousands of dollars)					
\$290					
Program Manager			Control Account Manager		
R. K. Hulvey			W. V. Witherspoon		

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

Title:			Date:		PBS Number:		Dictionary Rev.:	
FFTF EIS Support			10/1/00		RL-MS01		1	
WBS Number:		CAP Number:		CACN	Baseline CR No:		Organization Code:	
2.1.1.1.21.1.1.1.1.13		1B1009		110245			1C000	
							AF79	
Scope of Work:								
<p>Provide response to requests from the PEIS preparer for information regarding the FFTF, as necessary.</p> <p>The full scope of this WBS Element will be evaluated and controlled once the PEIS scope and FFTF support requirements are defined</p>								
Deliverables/Milestones: (Item/Date)								
Cost Target: (Thousands of dollars)								
\$79								
Program Manager					Control Account Manager			
R. K. Hulvey					T. M. Burke			

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

Title:			Date:		PBS Number:		Dictionary Rev.	
HR/Medical/Other Support			10/1/00		RL-MS01		1	
WBS Number:		CAP Number:		CACN	Baseline CR No:		Organization Code:	
2.1.1.1.21.1.1.1.1.14		1B1034		111910			1C000	
							AF79	
Scope of Work:								
<p>Provide project human relations, personnel services. Provide Industrial Relations support to the FFTF project to resolve issues that may arise with bargaining unit personnel.</p> <p>Provide procurement buyer support for FFTF.</p> <p>Provide HEHF Medical Services, PNNL Dosimetry services and telephone support</p>								
Deliverables/Milestones: (Item/Date)								
No discrete deliverables.								
Cost Target: (Thousands of dollars)								
\$669								
Program Manager					Control Account Manager			
R. K. Hulvey					J. R. Montano			

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

Title:			Date:		PBS Number:		Dictionary Rev.:	
FFTF PHMC Fee			10/1/00		RL-MS01		1	
WBS Number:		CAP Number:		CACN	Baseline CR No:		Organization Code:	
2.1.1.1.21.1.1.1.1.20		1B1017		113085			1C400	
							AF79	
Scope of Work:								
<p>Provide the FFTF portion of the PHMC award fee pool: administer the ART Performance Expectation Plan.</p>								
Deliverables/Milestones: (Item/Date)								
<p>No discrete deliverables.</p>								
Cost Target: (Thousands of dollars)								
\$2,200								
Program Manager					Control Account Manager			
R. K. Hulvey					R. K. Hulvey			

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

Title:			Date:		PBS Number:		Dictionary Rev.:				
FFTF Computer Support			10/1/00		RL-MS01		1				
WBS Number:		CAP Number:		CACN		Baseline CR No:		Organization Code:		B & R No:	
2.1.1.1.21.1.1.1.1.21		1B1020		113137				1C400		AF79	
Scope of Work:											
<p>To cover the cost of upgrading FFTF computers to the site standard. It will also cover the computer support service required for FFTF.</p>											
Deliverables/Milestones: (Item/Date)											
<p>No discrete deliverables.</p>											
Cost Target: (Thousands of dollars)											
\$642											
Program Manager						Control Account Manager					
R. K. Hulvey						W. V. Witherspoon					

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

Title:			Date:		PBS Number:		Dictionary Rev.:		
Spare Parts Inventory Change			9/29/98		RL-MS01		0		
WBS Number:		CAP Number:		CACN		Baseline CR No:		Organization Code:	
2.1.1.1.21.1.1.1.3.1		1B130K		101563				1C000	
								AF79	
Scope of Work:									
Provides funding for the net value change in the inventory of reserve spare parts for FFTF, MASF, FMEF, and Security spares. No labor is funded in this account.									
Deliverables/Milestones: (Item/Date)									
No discrete deliverables.									
Cost Target: (Thousands of dollars)									
\$90									
Program Manager					Control Account Manager				
R. K. Hulvey					J. R. Montano				

Title:			Date:		PBS Number:		Dictionary Rev.:		
Spare Parts Adjustments/Excess			10/1/00		RL-MS01		1		
WBS Number:		CAP Number:		CACN		Baseline CR No:		Organization Code:	
2.1.1.1.21.1.1.1.3.2		1B130L		101564				1C000	
								AF79	
Scope of Work:									
Provide funding for the net Inventory Change due to adjustments, excessing, loss, and write-offs in the inventory and reserve sub-accounts at FFTF, MASF, FMEF, and Security spares. No labor is funded in this account.									
Deliverables/Milestones: (Item/Date)									
No discrete deliverables.									
Cost Target: (Thousands of dollars)									
\$150									
Program Manager					Control Account Manager				
R. K. Hulvey					J. R. Montano				

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

Title:			Date:		PBS Number:		Dictionary Rev.:	
Operations Mgmt & Support			10/01/00		RL-MS01		1	
WBS Number:		CAP Number:		CACN	Baseline CR No:	Organization Code:		B & R No:
2.1.1.1.21.1.1.4.1		1B1010		101565		1C100		AF79
Scope of Work:								
<p>Provide program management of the FFTF Operations (Ops) group, which includes nuclear operators, examination and decontamination services (EDS) operators, and stationary operating engineers (SOE). Conduct general activities including staff meetings, safety meetings, daily reports, etc</p> <p>Provide Ops staff general training including HGET, PIC, Radiation Worker, etc. and facility specific training including watchstation qualification, new hire training, ERT training, and operations drills.</p> <p>Provide around-the-clock, seven-day per week operation of FFTF plant systems and equipment and emergency responder capability. Perform log taking, Conduct of Operations Assessments, tickle file items, SC/EC surveillances, housekeeping tours, FS performance, and safety equipment checks.</p> <p>Provide Lock and Tag control, Jumper/Lifted Lead control, and qualified plant personnel to support the Work Control Center. Perform special Operations Projects, as assigned by the management team.</p>								
Deliverables/Milestones: (Item/Date)								
<p>Complete 10 Operations drills per month.</p> <p>Complete 50 procedure observations per month.</p> <p>Support work phase 01-1 "Health of the Facility" work scope; RL milestone B10-01-000 due 1/31/01.</p> <p>Support work phase 01-2 "Health of the Facility" work scope; RL milestone B10-01-001 due 5/31/01.</p> <p>Support work phase 01-3 "Health of the Facility" work scope; RL milestone B10-01-002 due 9/28/01.</p> <p>Maintain total locked in Control Room alarms will be <40.</p> <p>Maintain total tagout authorizations >6months will be <30.</p> <p>Complete AJHA screenings of all Operations procedures by 2/1/01.</p> <p>Perform 6 Conduct of Ops Assessments in FY01.</p>								
Cost Target: (Thousands of dollars)								
\$5,775								
Program Manager					Control Account Manager			
R. K. Hulvey					L. E. Harville			

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

Title:		Date:		PBS Number:		Dictionary Rev.:	
Opes Analysis and Support		10/1/00		RL-MS01		1	
WBS Number:	CAP Number:	CACN	Baseline CR No:	Organization Code:	B & R No:		
2.1.1.1.21.1.1.1.4.3	1B1073	101566		1C500	AF79		
Scope of Work:							
<p>Provide program supervision of the Analysis and Support (A&S) group. Conduct general activities including staff meetings, safety meetings, etc.</p> <p>Provide staff general and facility specific training including HGET, Radiation Worker, etc</p> <p>Initiate operations and A&S procurements, monitor and control the tickle file activities, and other A&S and Operations routine support activities.</p> <p>Coordinate the maintenance and administration of the FFTF Emergency Preparedness program, including drills and exercises.</p> <p>Maintain and administer the FFTF Criticality Safety program.</p> <p>Schedule and track completion of Technical Specification, Environmental Specification, Fire System surveillance compliance and PN-0 system surveillance compliance.</p> <p>Operate the FFTF Procedure Administration program. Track procedure changes from initiation, through approval and incorporation into the plant. Provide word processing, editing, and file maintenance. Maintain a procedure history file.</p> <p>Provide the maintenance and administration of the FFTF Preventive Maintenance and Instrument Calibration Recall System. This includes procedure maintenance; tracking procedure changes from initiation, through approval and incorporation into the plant; providing word processing, editing, and file maintenance; and maintaining a procedure history file. This also includes scheduling and initiating the work packages for routinely scheduled and on demand preventive maintenance activities. Completion data is entered into a historical database.</p> <p>Maintain and administer the Operations and A&S property management system per approved company procedures.</p>							

Title:	Date:	PBS Number:	Dictionary Rev.:
Opes Analysis and Support	10/1/00	RL-MS01	1
Deliverables/Milestones: (Item/Date)			
<p>Perform monthly and annual Criticality Safety audits.</p> <p>Support the Facility Evaluation Board.</p> <p>Perform quarterly Plant Procedure file audits.</p> <p>Perform preventive maintenance and instrument re-calibration packaging every 4 months to support FFTF work phase planning.</p> <p>Coordinate performance of Technical Specification, Environmental Specification and every 4 months Fire Program surveillance procedures by scheduling these activities every 4 months.</p> <p>Maintain an Emergency Response Organization (ERO) and update the ERO list monthly.</p> <p>Maintain the FFTF procedure program by administering changes and revisions on a daily basis.</p> <p>Maintain the Technical Specification, Environmental Specification, Fire System Surveillance Procedures by reviewing and verifying acceptability.</p>			
Cost Target: (Thousands of dollars)			
\$967			
Program Manager		Control Account Manager	
R. K. Hulvey		R. L. Mounce	

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

Title:			Date:		PBS Number:	Dictionary Rev
Opes Training Support			10/01/00		RL-MS01	1
WBS Number:	CAP Number:	CACN	Baseline CR No:	Organization Code:	B & R No:	
2.1.1.1.21.1.1.1.4.4	B1070	101567		1C500	AF79	
Scope of Work:						
<p>This activity implements training programs for various Hanford Project employee groups who reside in the 400 Area.</p> <p>Training Management includes training program management and supervision, maintenance of Training Programs Records, scheduling support, student registration, training coordination and the administrative support necessary.</p> <p>The Administration of the FFTF Training Plan is to provide fully trained, qualified, and certified operating and technical support personnel.</p> <p>Training development activities include the analysis, design, development and review of training programs descriptions and the establishment of training program files and associated course materials.</p> <p>Training implementation includes training delivery and maintenance for classroom presentations, CBT, self-study, and On-the-Job training.</p> <p>Training evaluation accounts for the development and administration of student reaction surveys, examinations, tests, quizzes, exercises, demonstrations, scenarios, team participation, hand-on, On-the-Job, and Job Perform measures.</p> <p>Activities associated with staff meetings and staff training.</p> <p>Evaluate the required scope of changes to the Operation simulator for potential FFTF restart and draft an upgrade project plan.</p>						
Deliverables/Milestones: (Item/Date)						
No discrete deliverables.						
Cost Target: (Thousands of dollars)						
\$611						
Program Manager				Control Account Manager		
R. K. Hulvey				D. J. Rovira		

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

Title:			Date:		PBS Number:		Dictionary Rev.	
Opes Consumables			10/15/99		RL-MS01		0	
WBS Number:		CAP Number:		CACN	Baseline CR No:	Organization Code:		B & R No:
2.1.1.1.21.1.1.1.4.7		1B1011		112099		1C100		AF79
Scope of Work:								
<p>Provide consumable materials and utilities for operation of FFTF. This includes electricity, argon, nitrogen, fuel oil, chemicals, radios, and other materials.</p>								
Deliverables/Milestones: (Item/Date)								
<p>No specific deliverables.</p>								
Cost Target: (Thousands of dollars)								
\$2,410								
Program Manager					Control Account Manager			
R. K. Hulvey					L. E. Harville			

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

Title:		Date:		PBS Number:		Dictionary Rev.:	
SOE Plant Operations		9/29/98		RL-MS01		0	
WBS Number:	CAP Number:	CACN	Baseline CR No:	Organization Code:	B & R No:		
2.1.1.1.21.1.1.1.4.8	1B1012	112100		1C100	AF79		
Scope of Work:							
<p>Provide program management of the stationary operating engineers (SOE). Conduct general activities including staff meetings, safety meetings, daily reports, etc.</p> <p>Provide SOE staff general training including HGET, PIC, Radiation Worker, etc. and facility specific training including watchstation qualification, new hire training, and operations drills.</p> <p>Provide around-the-clock, seven-day per week operation of FFTF plant systems and equipment and emergency responder capability. Perform log taking, Conduct of Operations Assessments, tickle file items, FC surveillances, housekeeping tours and safety equipment checks, Landlord Facility Operations.</p> <p>Provide Lock and Tag control, Jumper/Lifted Lead control, and Landlord Confined Space Management. Perform special Operations Projects, as assigned by the management team.</p>							
Deliverables/Milestones: (Item/Date)							
There are no discrete deliverables.							
Cost Target: (Thousands of dollars)							
\$574							
Program Manager				Control Account Manager			
R. K. Hulvey				L. E. Harville			

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

Title:			Date:		PBS Number:		Dictionary Rev.	
EDS Plant Operations			10/15/99		RL-MS01		0	
WBS Number:		CAP Number:		CACN	Baseline CR No:	Organization Code:		B & R No:
2.1.1.1.21.1.1.1.4.9		1B1013		112101		1C100		AF79
Scope of Work:								
<p>Provide program management of the FFTF examination and decontamination services (EDS) operators. Conduct general activities including staff meetings, safety meetings, daily reports, etc</p> <p>Provide EDS Ops staff general training including HGET, PIC, Radiation Worker, etc. and facility specific training including watchstation qualification, new hire training, ERT training, and operations drills.</p> <p>Perform log taking, Conduct of Operations Assessments, tickle file items, SC/EC surveillances, housekeeping tours, FS performance, and safety equipment checks.</p> <p>Provide Lock and Tag control, and qualified EDS personnel to support the Work Control Center. Perform special Operations Projects, as assigned by the management team.</p> <p>Provide EDS Operations support for various PM's/Work Packages to be performed at MASF and IEM Cell at FFTF.</p>								
Deliverables/Milestones: (Item/Date)								
No discrete deliverables.								
Cost Target: (Thousands of dollars)								
\$343								
Program Manager					Control Account Manager			
R. K. Hulvey					L. E. Harville			

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

Title:			Date:		PBS Number:		Dictionary Rev.	
Technical Support Admin			10/1/00		RL-MS01		1	
WBS Number:		CAP Number:		CACN	Baseline CR No:		Organization Code:	
2.1.1.1.21.1.1.1.4.10		1B1019		113132			1C500	
							AF79	
Scope of Work:								
<p>Provide overall management, administration, and leadership for a wide variety of technical support functions required for the FFTF. These functions include training, regulatory and environmental compliance, analytical services, procedures control, criticality safety, and other technical support activities. The primary task is to lead and support three, progressive, high involvement, technical support teams in the safe, effective, and cost efficient operation of the FFTF.</p>								
Deliverables/Milestones: (Item/Date)								
No discrete deliverables.								
Cost Target: (Thousands of dollars)								
\$191								
Program Manager					Control Account Manager			
R. K. Hulvey					S. W. Scott			

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

Title:			Date:		PBS Number:		Dictionary Rev.	
Radiological Management Support			9/29/98		RL-MS01		0	
WBS Number:		CAP Number:		CACN	Baseline CR No:		Organization Code:	
2.1.1.1.21.1.1.1.5.1		1B1045		101569			18500	
							AF79	
Scope of Work:								
<p>Provide program management of the 400 Area Radiological Control group. Conduct general activities including staff meetings, safety meetings, monthly reports, etc</p> <p>Complete staff general and facility specific training including HGET, Radiation Worker, DOE Radiological Control Technician training, specialized training through HAMMER, etc.</p> <p>Track and trend performance data, including radiological problem reports and radiation survey reports. Provide management oversight of radiological controls operations. Support the 400 Area ALARA and Pollution Prevention Council. Perform radiological controls SRIDs assessments. Complete verification and validation of revised 10 CFR 835 requirements.</p> <p>Perform required radiological surveys on a routine daily, weekly, monthly, and as required basis to support the operation and maintenance activities of the FFTF. Provide line support for procedure and work instruction development to ensure proper implementation of radiological controls; participate in AJHA development, as required. Provide special Radiological Work Permits, when required. Provide radiological support for work evolutions.</p> <p>Provide calibrated portable radiological monitoring instrumentation to support FFTF operations and maintenance activities. (Calibrations are normally performed by PNNL under contract. Waste Management Northwest provides radiological shipping records for shipment of sources to PNNL for calibration.)</p>								
Deliverables/Milestones: (Item/Date)								
Complete routine health physics surveillances								
Cost Target: (Thousands of dollars)								
\$816								
Program Manager					Control Account Manager			
R. K. Hulvey					S. B. Lamson			

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

Title:			Date:		PBS Number:		Dictionary Rev.:				
Environmental Support			10/1/00		RL-MS01		1				
WBS Number:		CAP Number:		CACN		Baseline CR No:		Organization Code:		B & R No:	
2.1.1.1.21.1.1.1.5.2		1B1072		101570				1C500		AF79	
Scope of Work:											
<p>Provide environmental compliance assurance for the FFTF Project. Provide management and Environmental Compliance Officer oversight of all environmental and incident evaluation activities.</p> <p>Provide required training for FFTF Regulatory Compliance staff. Maintain occurrence reporting, lessons learned, and near miss investigation programs. Implement the site Chemical Management System at FFTF</p> <p>Coordinate environmental aspects at FFTF activities, including work package review and approval, environmental issue evaluation, and WMNW contracts for waste packaging development. Provide compliance assurance for PCB management, air emissions management, radioactive waste management, and wastewater emissions management. Provide hazardous waste support, and hazardous waste training plan maintenance. Perform procedure reviews, work package reviews, regulatory review and analysis; permit maintenance, self-assessment and external audit support. Address emergent issues.</p> <p>Provide FFTF environmental permitting activities, including annual permitting fees for 400 Sanitary Sewer and Secondary Cooling Water discharges.</p> <p>Perform environmental monitoring and reporting. Operate Satellite Accumulation Areas and 90-Day Accumulation Areas. Also perform annual testing of T-303, Underground Storage Tank and 400 Area Near Field Monitoring. Prepare annual EPCRA reports and quarterly discharge monitoring reports.</p> <p>Provide an apportioned share of the PHMC Waste Sites Management Program operating costs. This group will identify objectives, requirements, authorities, responsibilities, organizational interfaces, and specific actions necessary to improve the management of PHMC waste sites, including those managed by the FFTF Project.</p>											
Deliverables/Milestones: (Item/Date)											
Submit quarterly Discharge Monitoring Reports to WA DOE via RL -11/30/00, 2/28/01, 5/30/01, 8/30/01.											
Cost Target: (Thousands of dollars)											
\$565											
Program Manager						Control Account Manager					
R. K. Hulvey						N. R. Dahl					

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

Title:			Date:		PBS Number:		Dictionary Rev.:				
Sampling and Lab Support / LLW and Waste Disposal			10/1/00		RL-MS01		1				
WBS Number:		CAP Number:		CACN		Baseline CR No:		Organization Code:		B & R No:	
2.1.1.1.21.1.1.1.5.3		1B1172		101571				1C500		AF79	
Scope of Work:											
Perform sampling and analysis for the Secondary Cooling Water discharge and associated groundwater monitoring.											
Disposal of Low Level Radioactive Waste and Hazardous Waste.											
Deliverables/Milestones: (Item/Date)											
No discrete deliverables.											
\$143											
Program Manager						Control Account Manager					
R. K. Hulvey						N. R. Dahl					

Title:			Date:		PBS Number:		Dictionary Rev.:				
Waste Characterization Support			10/1/00		RL-MS01		1				
WBS Number:		CAP Number:		CACN		Baseline CR No:		Organization Code:		B & R No:	
2.1.1.1.21.1.1.1.5.4		1B1272		101572				18700		AF79	
Scope of Work:											
Perform all environmental sampling at FFTF not otherwise provided for, including waste characterization samples and periodic confirmatory air samples											
Deliverables/Milestones: (Item/Date)											
No discrete deliverables.											
Cost Target: (Thousands of dollars)											
\$78											
Program Manager						Control Account Manager					
R. K. Hulvey						N. R. Dahl					

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

Title:			Date:		PBS Number:		Dictionary Rev.:	
WMSP / WMTS / WIDS Support			9/29/98		RL-MS01		0	
WBS Number:		CAP Number:		CACN	Baseline CR No:		Organization Code:	
2.1.1.1.21.1.1.1.5.5		1B1372		101573			18700	
							AF79	
Scope of Work:								
Provide Waste Site Management Program, Fluor Hanford Onsite Transportation and packaging and WIDS support as directed.								
Deliverables/Milestones: (Item/Date)								
No discrete deliverables.								
Cost Target: (Thousands of dollars)								
\$60								
Program Manager					Control Account Manager			
R. K. Hulvey					N. R. Dahl			

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

Title:		Date:		PBS Number:		Dictionary Rev.:	
Safety Support		9/29/98		RL-MS01		0	
WBS Number:	CAP Number:	CACN	Baseline CR No:	Organization Code:	B & R No:		
2.1.1.1.21.1.1.1.5.8	1B1040	101576		1C800	AF79		
Scope of Work:							
<p>Provide program management of the FFTF Safety group. Conduct general activities including staff meetings, safety meetings, committee and task team involvement, Plant Review Committee involvement, etc.</p> <p>Complete FFTF Safety staff general and facility specific training including HGET, Radiation Worker, etc.</p> <p>Provide leadership and specialized staff supporting programs that ensure FFTF employees maintain a safe and healthy workplace. Provide specialized knowledge, experience, and counsel for the FFTF's managerial, operational, engineering, maintenance and support staff in the following areas:</p> <ul style="list-style-type: none"> • Industrial Hygiene • Fire Protection • Nuclear Safety • Criticality Safety • Industrial Safety 							
Deliverables/Milestones: (Item/Date)							
<p>Complete scheduled Fire Protection Assess. Per DOE 5480.7A</p> <p>Complete Annual Criticality Safety Assessment</p>							
Cost Target: (Thousands of dollars)							
\$810							
Program Manager				Control Account Manager			
R. K. Hulvey				R. O. Zimmerman			

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

Title:			Date:		PBS Number:		Dictionary Rev.:	
Quality Assurance			10/1/00		RL-MS01		1	
WBS Number:		CAP Number:		CACN	Baseline CR No:	Organization Code:		B & R No:
2.1.1.1.21.1.1.1.5.9		1B1040		101577		1C600		AF79
Scope of Work:								
<p>Provide program management of the FFTF Quality Assurance group. Conduct general activities including staff meetings, safety meetings, Plant Review Committee involvement, etc.</p> <p>Complete FFTF QA staff general and facility specific training including HGET, Radiation Worker, etc.</p> <p>Provide leadership and specialized Quality Assurance/Quality Control support to the FFTF staff for compliance with the QA rule and Quality Assurance program. This includes self-assessments, training, document review, and inspection activities.</p> <p>Review and approve quality affecting FFTF operating procedures, work packages, and material procurements.</p> <p>Conduct self-assessments of FFTF performance.</p> <p>Perform inspections of quality affecting maintenance and modification activities in the FFTF.</p>								
Deliverables/Milestones: (Item/Date)								
<p>Conduct 24 surveillances to determine areas for improvement and to assess compliance with the requirements imposed on the facility.</p>								
Cost Target: (Thousands of dollars)								
\$479								
Program Manager					Control Account Manager			
R. K. Hulvey					R. O. Zimmerman			

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

Title:		Date:		PBS Number:		Dictionary Rev.	
Engineering Mgmt Support		9/29/98		RL-MS01		0	
WBS Number:	CAP Number:	CACN	Baseline CR No:	Organization Code:	B & R No:		
2.1.1.1.21.1.1.1.6.1	1B130A	101578		1C200	AF79		
Scope of Work:							
<p>Provide management of FFTF engineering activities, including necessary secretarial and administrative support.</p> <p>Provide required training for staff to perform these duties.</p> <p>Conduct general activities including staff meetings, safety meetings, task team involvement, Plant Review Committee involvement, etc.</p> <p>Provide technical support to the Standby Project Office</p>							
Deliverables/Milestones: (Item/Date)							
No discrete deliverables.							
Cost Target: (Thousands of dollars)							
\$267							
Program Manager				Control Account Manager			
R. K. Hulvey				T. M. Burke			

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

Title:		Date:		PBS Number:	Dictionary Rev.:
Electrical Systems Engineering		10/1/00		RL-MS01	1
WBS Number:	CAP Number:	CACN	Baseline CR No:	Organization Code:	B & R No:
2.1.1.1.21.1.1.1.6.2	B1024	101579		1C200	AF79
Scope of Work:					
<p>This task describes program management and engineering services provided for FFTF Project electrical, instrumentation and control systems by the Electrical Systems Engineering (ESE) group. Significant FFTF Plant, MASF, Landlord, and FMEF systems ESE is responsible for are electrical distribution, lighting, communications, fire protection, HVAC, sodium system trace heat, sodium level and leak detection, inert gas supply and distribution, sodium sampling and monitoring, radiation monitoring, and plant annunciators.</p> <p>Cognizant engineer and design authority support is provided for FFTF preventative maintenance (PM) activities, including review and revision of PM categories, frequencies and procedures and evaluation of data obtained from PM activities. FFTF corrective maintenance activities are also supported, including preparation of corrective maintenance and modification work packages, and specifying and ordering of required materials. Fieldwork is supervised (i.e., Person in Charge activities) as required. FFTF operating procedures related to assigned ESE systems are prepared, reviewed, and approved. The achievement of the "health of the facility" maintenance milestones is supported. General activities including staff meetings, safety meetings, and periodic reports are prepared or conducted. ESE staff general and facility specific training is accomplished including HGET, PIC, Radiation Worker, and Electrical Safety.</p> <p>Outside services are obtained for maintaining the FFTF communications systems and providing National Electrical Code interpretations and inspections.</p>					
Deliverables/Milestones: (Item/Date)					
Support completion of work phase 01-1 "Health of the Facility" work scope; RL milestone B10-01-000 due 1/31/01					
Support completion of work phase 01-2 "Health of the Facility" work scope; RL milestone B10-01-001 due 5/31/01					
Support completion of work phase 01-3 "Health of the Facility" work scope; RL milestone B10-01-002 due 9/28/01					
Cost Target: (Thousands of dollars)					
\$1,350					
Program Manager			Control Account Manager		
R. K. Hulvey			S. H. Crow		

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

Title:			Date:	PBS Number:	Dictionary Rev.:
Mechanical Eq & Inservice Support			10/1/00	RL-MS01	1
WBS Number:	CAP Number:	CACN	Baseline CR No:	Organization Code:	B & R No:
2.1.1.1.21.1.1.1.6.3	1B1023	101580		1C200	AF79
Scope of Work:					
<p>Provide program management of the FFTF Mechanical Engineering and In-service Inspection (MEII) group. Conduct general activities including staff meetings, safety meetings, monthly reports, etc</p> <p>Complete MEII staff general and facility specific training including HGET, PIC, Radiation Worker, etc.</p> <p>Prepare, review and approve FFTF operating procedures related to assigned mechanical systems and in-service inspection.</p> <p>Provide support to FFTF preventative maintenance (PM) and In-service Inspection (SISI) activities, including review and revision of PM categories, frequencies and procedures and evaluation of data obtained from PM and SISI activities. Provide support to FFTF corrective maintenance activities, including preparation of corrective maintenance and modification work packages and ordering of required materials. As required, supervise fieldwork (i.e., Person in Charge activities). Support the achievement of the "health of the facility" maintenance milestones.</p> <p>Provide Cognizant Engineer / Design Authority function for assigned systems and components.</p>					
Deliverables/Milestones: (Item/Date)					
<p>Issue Annual SISI report by 3/31/01.</p> <p>Support completion of work phase 01-1 "Health of the Facility" work scope; RL milestone B10-01-000 due 1/31/01</p> <p>Support completion of work phase 01-2 "Health of the Facility" work scope; RL milestone B10-01-001 due 5/31/01</p> <p>Support completion of work phase 01-3 "Health of the Facility" work scope; RL milestone B10-01-002 due 9/28/01</p> <p>Issue FFTF 1 year Asbestos Inspection Report 5/1/01</p>					
Cost Target: (Thousands of dollars)					
\$659					
Program Manager			Control Account Manager		
R. K. Hulvey			W. F. Brehm		

Control Account Dictionary
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Fast Flux Test Facility
WBS 2.01.01.01.21.01.01

Title:			Date:		PBS Number:		Dictionary Rev.	
Mechanical Systems Engineering Mgmt Support			10/1/00		RL-MS01		1	
WBS Number:		CAP Number:		CACN	Baseline CR No:		Organization Code:	B & R No:
2.1.1.1.21.1.1.1.6.4		1B1022		101581			1C200	AF79
Scope of Work:								
<p>Provide program management of the FFTF Mechanical Systems Engineering (MSE) group. Conduct general activities including staff meetings, safety meetings, monthly reports, etc</p> <p>Complete MSE staff general and facility specific training including HGET, PIC, Radiation Worker, etc.</p> <p>Provide Cognizant Engineer / Design Authority function for more than fifty assigned systems and components in the FFTF, FMEF, MASF, and Landlord buildings. Support the achievement of the "health of the facility" maintenance milestones. Provide support to FFTF preventative maintenance (PM) activities, including review and revision of PM categories, frequencies, procedures and evaluation of data obtained from PM activities. Provide support to FFTF corrective maintenance activities, including preparation of corrective maintenance and modification work packages, and ordering of required materials. As required, supervise field work (i.e., Person in Charge activities).</p> <p>Prepare, review and approve FFTF operating procedures related to assigned systems. Perform configuration management activities including the maintenance of drawings in accordance with site requirements. Prepare, review and approve engineering standards and procedures, including maintenance of FFTF Engineering Instructions and participation on the FH Engineering Leadership Team.</p> <p>Perform engineering studies related to plant restart; e.g., sodium and gas sampling processes and liquid effluent treatment options.</p>								
Deliverables/Milestones: (Item/Date)								
Support completion of work phase 01-1 "Health of the Facility" work scope; RL milestone B10-01-000 due 1/31/01								
Support completion of work phase 01-2 "Health of the Facility" work scope; RL milestone B10-01-001 due 5/31/01								
Support completion of work phase 01-3 "Health of the Facility" work scope; RL milestone B10-01-002 due 9/28/01								
Cost Target: (Thousands of dollars)								
\$921								
Program Manager					Control Account Manager			
R. K. Hulvey					D. L. Polzin			

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

Title:			Date:		PBS Number:		Dictionary Rev.	
Maintenance Support			10/1/00		RL-MS01		1	
WBS Number:		CAP Number:		CACN	Baseline CR No:		Organization Code:	B & R No:
2.1.1.1.21.1.1.1.7.1		1B1060		101585			1C300	AF79
Scope of Work:								
<p>Provide program management of the FFTF Maintenance organization. Perform general activities including staff meetings, safety meetings, monthly reports, etc</p> <p>Provide a trained and capable maintenance staff to support the FFTF and associated facilities. Complete Maintenance staff general and facility specific training including HGET, PIC, Radiation Worker, etc. Complete individual Maintenance staff mandatory technical/safety training; e.g., medium risk and high-risk electrical safety training, confined space entry training, etc.</p> <p>Plan, schedule, manage, and perform surveillance procedures, preventive and corrective maintenance for the Fast Flux Test Facility, Maintenance and Storage Facility, FMEF, and assigned 400 Area support facilities (landlord buildings). Operate the work control center. Provide Maintenance Person In Charge (PIC), as necessary, to coordinate and direct fieldwork. Purchase materials required for preventive and corrective maintenance and for maintenance administration activities.</p> <p>Provide calibrated equipment, tools, and external services required for performance of maintenance work.</p> <p>Maintain the yard and grounds at FFTF, including landscape maintenance and snow removal.</p>								
Deliverables/Milestones: (Item/Date)								
<p>Complete work phase 01-1 "Health of the Facility" work scope; RL milestone B10-01-000 1/31/01</p> <p>Complete work phase 01-2 "Health of the Facility" work scope; RL milestone B10-01-001 5/31/01</p> <p>Complete work phase 01-3 "Health of the Facility" work scope; RL milestone B10-01-002 9/28/01</p>								
Cost Target: (Thousands of dollars)								
\$8,276								
Program Manager					Control Account Manager			
R. K. Hulvey					G. J. Boehnke			

Control Account Dictionary
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WBS 2.01.01.01.21.01.01

Title:		Date:		PBS Number:	Dictionary Rev.:
FMEF S&M Support		9/29/98		RL-MS01	0
WBS Number:	CAP Number:	CACN	Baseline CR No:	Organization Code:	B & R No:
2.1.1.1.21.1.1.1.8.1	1B170A	101586		1C100	AF79
Scope of Work:					
<p>Maintain the Fuels and Materials Examination Facility (FMEF) in a safe, secure, environmentally compliant shutdown condition. Except for leased storage and workshop areas, the building is unoccupied.</p> <p>Maintain the fire detection and suppression systems, heating system (to prevent freezing of water systems), and building integrity so as to protect the DOE investment in this facility. Perform necessary preventive and corrective maintenance activities.</p> <p>Receive offsetting income from programs, which utilize space for storage or workshop purposes.</p>					
Deliverables/Milestones: (Item/Date)					
No discrete deliverables.					
Cost Target: (Thousands of dollars)					
\$128					
Program Manager			Control Account Manager		
R. K. Hulvey			L. E. Harville		

Hanford Site Work Breakdown Structure Dictionary
FFTF PROJECT
WBS 2.01.01.01.21.01

Activity Title		Date:	PBS Number:	Dictionary Rev.								
Remove Materials from FFTF		8/31/98	MS01	0								
WBS Number	Baseline CR No.	Organization Code	B&R Number:									
2.01.01.01.21.01.01.02		1C000	AF79									
Scope of Work:												
<p>This WBS provides those activities necessary for the removal of nuclear materials (unirradiated and irradiated fueled components) from the FFTF.</p> <p>Offload all unusable-fueled components from within FFTF and place them in interim storage. Offload unusable nonfueled components from within FFTF and ship them for disposal. Activities in these areas include: Oversee the procurement and testing of Interim Storage Casks (ISCs) and Core Component Casks (CCCs); prepare and approve detailed refueling plans and Interim Examination and Maintenance Cell (IEMC), and Examination and Decontaminated Services (EDS) work plans; . perform necessary criticality evaluations; conduct operational readiness assessments; operate and maintain the refueling equipment; provide engineering, maintenance, and operations support for component handling, washing, packaging, and shipping operations; assemble FFTF fuel assembly data packages; preserve FFTF nuclear equipment performance data and documentation.</p> <p><u>Current Year Work</u></p> <p>Efforts will continue to upgrade and restore equipment required for handling FFTF fuel in order to support reliable operation. Specific activities will include completion of upgrades to the Closed Loop Ex-Vessel Machine (CLEM) and the IEM Cell Sodium Removal System controls. Additionally, design, development, fabrication, and installation of required upgrades to the Solid Waste Cask will continue. Each of these machines or systems is necessary to process unirradiated and irradiated fuel for removal from the FFTF.</p> <p><u>Out-year Planning</u></p> <p>TBD. Out-year activities will be determined based on the assigned mission.</p> <p>This WBS covers work necessary to support satisfying the following technical baseline requirements for the Hanford clean up mission:</p> <ul style="list-style-type: none">- South 600 Area special nuclear materials shall be moved to the Central Plateau.- 400 Area uranium shall be interim stored in the 400 Area.- Nuclear materials shall be moved from the 400 Area to the Central Plateau.- 400 Area Nuclear materials shall be stabilized.- Complete commercial disposition and/or the acquisition of new facilities, modification of existing facilities, and/or modification of planned facilities necessary for storage, treatment/processing, and disposal/disposition of all Hanford Site UU. [Due Date: 12/31/2000] TPA Target Milestone MX-92-06T. This target date includes all UU located in 300 Area fuel supply facilities (Uranium dioxide powder and pellets stored in cans, pins, assemblies, and drums), Uranium trioxide (UO3) powder stored in T-hoppers adjacent to the U-Plant, depleted UO3 stored in 55 gallon drums in the 200 West Area and the 4713 Building. <p>Key documents used for allocating Site requirements to this WBS include:</p> <table><tr><th>Name</th><th>Title</th></tr><tr><td>DOE/EIS-0222D</td><td>Draft Hanford Remedial Action Environmental Impact Statement and Comprehensive Land Use Plan</td></tr><tr><td>DOE/RL-89-10</td><td>Hanford Federal Facility Agreement and Consent Order (Tri-Party Agreement), Revision 5</td></tr><tr><td>DOE/RL-96-92</td><td>Hanford Strategic Plan</td></tr></table>					Name	Title	DOE/EIS-0222D	Draft Hanford Remedial Action Environmental Impact Statement and Comprehensive Land Use Plan	DOE/RL-89-10	Hanford Federal Facility Agreement and Consent Order (Tri-Party Agreement), Revision 5	DOE/RL-96-92	Hanford Strategic Plan
Name	Title											
DOE/EIS-0222D	Draft Hanford Remedial Action Environmental Impact Statement and Comprehensive Land Use Plan											
DOE/RL-89-10	Hanford Federal Facility Agreement and Consent Order (Tri-Party Agreement), Revision 5											
DOE/RL-96-92	Hanford Strategic Plan											

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

Title:			Date:		PBS Number:		Dictionary Rev.	
Fuel Handling Support			10/1/00		RL-MS01		1	
WBS Number:		CAP Number:		CACN	Baseline CR No:		Organization Code:	B & R No:
2.1.1.1.21.1.1.2.1.2		1B1026		101587			1C200	AF79
Scope of Work:								
<p>Provide program management of the FFTF Fuel Handling I&C Engineering (FHIC) group. Conduct general activities including staff meetings, safety meetings, monthly reports, etc</p> <p>Complete FHIC staff general and facility specific training including HGET, PIC, Radiation Worker, Electrical Safety, etc.</p> <p>Prepare, review and approve FFTF operating procedures related to assigned FHIC systems.</p> <p>Provide support to FFTF preventative maintenance (PM) activities, including review and revision of PM categories, frequencies and procedures and evaluation of data obtained from PM activities. Provide support to FFTF corrective maintenance activities, including preparation of corrective maintenance and modification work packages and ordering of required materials. As required, supervise fieldwork (i.e., Person in Charge activities). Support the achievement of the "health of the facility" maintenance milestones.</p> <p>Provide administrative control of FFTF engineering documents. This includes maintaining station files, microfiche files, ECN files, and the Technical Reference Library. Also included is ECN and engineering document release processing.</p> <p>Maintenance of FFTF Physics Codes by Fluor Federal Services personnel to support analysis for the Programmatic Environmental Impact Statement or restart if so directed by the Record of Decision.</p>								
Deliverables/Milestones: (Item/Date)								
<p>Support completion of work phase 01-1 "Health of the Facility" work scope; RL milestone B10-01-000 / 1/31/01</p> <p>Support completion of work phase 01-2 "Health of the Facility" work scope; RL milestone B10-01-001 / 5/31/01</p> <p>Support completion of work phase 01-3 "Health of the Facility" work scope; RL milestone B10-01-002 / 9/28/01</p>								
Cost Target: (Thousands of dollars)								
\$822								
Program Manager					Control Account Manager			
R. K. Hulvey					G. N. Ruge			

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

Title:		Date:		PBS Number:		Dictionary Rev.:	
SWC Support		10/1/00		RL-MS01		1	
WBS Number:	CAP Number:	CACN	Baseline CR No:	Organization Code:	B & R No:		
2.1.1.1.21.1.1.2.2.2	1B1032	101588		1C200	AF79		
Scope of Work:							
<p>Complete the redesign and repair of the Solid Waste Cask to restore it to an acceptable condition for handling highly radioactive waste containers and spent nuclear fuel in core component containers.</p> <p>In FY 2000, perform detailed design activities for the Solid Waste Cask (SWC). The cask requires a major upgrade to the hoist, grapple, closure valve and its associated electrical control system to allow it to safely handle spent fuel containers and to increase its reliability.</p> <p>Conceptual design activities were completed in FY 1999 and Detailed Design is planned for completion by the end of FY 2000. Procurement, fabrication, installation and testing activities to support this upgrade will occur in FY 2001 & FY 2002.</p> <p>This scope includes the engineering and drafting support to perform the design activity and the additional support to perform an independent design review and approval at the completion of detailed design. The design effort, review and approval are all part of the FY 2001 scope.</p>							
Deliverables/Milestones: (Item/Date)							
<p>RL Milestone: B19-00-400 Due Date: June 29, 2001</p> <p>Complete the definitive design for repairs and upgrades to the Solid Waste Cask (SWC) to meet the design requirements for handling spent nuclear fuel. This will fully define the scope to restore the grapple and hoist system, which failed, as well as to assure an adequate confinement boundary. An independent design review will be performed and the final design review report will be issued, with a copy provided to RL.</p>							
Cost Target: (Thousands of dollars)							
\$1,534							
Program Manager				Control Account Manager			
R. K. Hulvey				S. W. Hiller			

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

Title:		Date:		PBS Number:		Dictionary Rev.	
CLEM Upgrade Support		10/1/00		RL-MS01		1	
WBS Number:	CAP Number:	CACN	Baseline CR No:	Organization Code:	B & R No:		
2.1.1.1.21.1.1.2.4.1	1B1027	101590		1C200	AF79		
Scope of Work:							
<p>The computerized controls for the Closed Loop Ex-Vessel Machine (CLEM) are aged and require replacement to ensure reliable, maintainable operation. This upgrade will replace the computers, monitors, I/O, and related equipment required to operate the machine reliably.</p> <p>During FY 2000 this task proceeded such that the following tasks were completed:</p> <ul style="list-style-type: none"> - Redesigned software to make it more modular for ease of maintenance and troubleshooting. - Completed Calibration, Grooming and Alignment activities, which verified installation and wiring of new control system. <p>During FY 2001 the following activities will be performed such that CLEM can be returned to service:</p> <ul style="list-style-type: none"> - Modify hardware design to add one or more additional controllers such that system response is increased to an acceptable performance level. - Software Design Review. - Acceptance Testing Phase I, e.g., interlock checks and handling cold components. - Test Results and Review Team. - Acceptance Testing Phase II, e.g., handling irradiated, fueled components. 							
Deliverables/Milestones: (Item/Date)							
<p>Complete CLEM Software Design Review Level 0 Milestone, complete by 4/4/01</p> <p>Complete Phase I Acceptance Testing of the CLEM control system upgrade Level 0 Milestone, complete by 7/25/01</p> <p>Complete Phase II Acceptance Testing of the CLEM control system upgrade RL Milestone B19-00-403 / 9-28-01</p>							
Cost Target: (Thousands of dollars)							
\$375							
Program Manager				Control Account Manager			
R. K. Hulvey				G. N. Ruge			

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

Title:		Date:		PBS Number:	Dictionary Rev.
Fuel Handling Engineering Support		10/1/00		RL-MS01	1
WBS Number:	CAP Number:	CACN	Baseline CR No:	Organization Code:	B & R No:
2.1.1.1.21.1.1.2.5.1	1B1028	101591		1C200	AF79
Scope of Work:					
<p>The FFTF Fuel Handling Engineering (FHE) organization provides Design Authority/Cognizant Engineering coverage for more than 30 systems related to reactor refueling and spent fuel handling and storage. Specific system assignments are provided in the Cognizant Engineer/Design Authority listings. The primary objective of this WBS element is to maintain those fuel handling equipment and systems to support the completion of "health of facility" maintenance milestones.</p> <p>In addition, the following activities are provided by this element:</p> <ul style="list-style-type: none"> - Program management of the FHE group. - Secretarial services for the FHE and MSE engineering groups (2 managers and 18 engineering staff members). Secretarial duties involve preparation and issuance of correspondence and reports, routing and tracking work packages and procedures, taking messages, scheduling training, preparing monthly reports, misc office equipment procurements, and other administrative requirements. - General drafting support of FHE configuration management activities including maintenance of drawings, incorporating ECNs, etc. - Preparation of engineering studies related to restart activities (e.g., isotope target irradiation hardware conceptual design, inflatable seal replacement evaluation, IT bellows replacement study), as resources allow. - Preparation, review and approval of FFTF operating and maintenance procedures related to assigned IRME systems. - Supervision (PIC) of fieldwork related to systems/equipment IRME is responsible for. <p>Maintenance activities on fuel handling systems and equipment are based on retaining the potential for a reactor restart while assuring minimal impact to critical path should a shutdown or restart decision be received.</p> <p>T-3 shipping cask license revision for metal fuel will be supported in FY 2001 per DOE request.</p>					
Deliverables/Milestones: (Item/Date)					
Support completion of work phase 01-1 "Health of the Facility" work scope; RL milestone B10-01-000 due 1/31/01					
Support completion of work phase 01-2 "Health of the Facility" work scope; RL milestone B10-01-001 due 5/31/01					
Support completion of work phase 01-3 "Health of the Facility" work scope; RL milestone B10-01-002 due 9/28/01					
Cost Target: (Thousands of dollars)					
\$762					
Program Manager			Control Account Manager		
R. K. Hulvey			S. W. Hiller		

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

Title:			Date:		PBS Number:		Dictionary Rev.		
SRS C1167 Support			10/1/00		RL-MS01		1		
WBS Number:		CAP Number:		CACN		Baseline CR No:		Organization Code:	
2.1.1.1.21.1.1.2.6.1		1B102B		101592				1C200	
								AF79	
Scope of Work:									
<p>This overall task will upgrade the Interim Examination and Maintenance (IEM) Cell Sodium Removal System (SRS) control system, panel C-1167. The upgrades will enhance the man-machine interface, the system reliability and maintainability, and the safety of performing maintenance.</p> <p>During FY 2000 this task proceeded such that the following activities were completed:</p> <ul style="list-style-type: none"> - Prepared and issued the Software Configuration Management Plan - Prepared Software ATP Procedure - Drafted Operating Procedures - Drafted Calibration Grooming and Alignment Procedure <p>During FY 2001 the following activities will be performed:</p> <ul style="list-style-type: none"> - Software Testing - Construction, i.e., install new control system into existing control console C-1167 - Prepare Operating Procedures that reflect operation of the upgraded SRS control system - Perform training on the new SRS control system - Procure process control computer - Perform Calibration, Grooming and Alignment testing 									
Deliverables/Milestones: (Item/Date)									
Complete Equipment Removal from C-1167, Level 0 Milestone, complete by 2/19/01									
Complete Hardware Installation in C-1167, Level 0 Milestone, complete by 4/4/01									
Complete Modification of C-1167 for SRS upgrade, RL Milestone: B19-00-402 / 6-27-01									
Complete CG&A for SRS, Level 0 Milestone, complete by 9/25/01									
Cost Target: (Thousands of dollars)									
\$439									
Program Manager					Control Account Manager				
R. K. Hulvey					G. N. Ruge				

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

Title:			Date:		PBS Number:		Dictionary Rev.				
FFTF R ³ Project			10/1/00		RL-MS01		1				
WBS Number:		CAP Number:		CACN		Baseline CR No:		Organization Code:		B & R No:	
2.1.1.1.21.1.1.2.7.1				113185				1C200		AF79	
Scope of Work:											
<p>Perform pre-conceptual and conceptual design studies to develop the basic configuration option(s) for the Rapid Radioisotope Retrieval (R3) System for FFTF including design concepts for supporting hardware and equipment.</p> <p>This scope includes preparing mechanical layouts of interfaces and development of concepts, performing limited follow on physics and neutronics calculations to define limits for neutron streaming and to define target and structural material activation data, performing thermo hydraulic/pneumatic analyses to identify key features of a pneumatic insertion/retrieval system and to develop methods for sodium leak detection, to continue thermal scoping calculations to define target and carrier temperatures, and to perform shielding calculations using activation data to define insertion/retrieval equipment shielding and minimum size requirements.</p>											
Deliverables/Milestones: (Item/Date)											
<p>Define the maximum number of rapid radioisotope retrieval assemblies and associated systems, and the total target volume that can be accommodated as a design basis for FFTF. Due Date – March 30, 2001.</p> <p>Note: A favorable Record of Decision (ROD) would result in significant work to develop a detailed schedule and cost for design, fabrication and testing of the overall R3 system. This would require a complete rebaselining of this activity.</p>											
Cost Target: (Thousands of dollars)											
\$332											
Program Manager						Control Account Manager					
R. K. Hulvey						S. W. Hiller					

TABLE 2-1 RESPONSIBILITY ASSIGNMENT MATRIX

ADVANCED REACTORS TRANSITION

WBS No	CaCN	Title	Manager	FY 2001 Budget (\$K)
1.12.1		ADVANCED REACTORS TRANSITION		
1.12.1.1		NE Legacy Facilities		
1.12.1.1.1		Maintain Safe & Compliant NE Legacy Facilities		
1.12.1.1.1.1	101541	NE Legacies Occupancy	W. F. Brehm	386
1.12.1.1.2		Transition NE Legacy Facilities		
1.12.1.1.2.1	101542	Remove and Ship 337 Controls & Piping	W. F. Brehm	27
1.12.1.1.2.2	101543	Clean 221-T Tanks	W. F. Brehm	0
1.12.1.1.2.3	101544	Complete Options for Non-Rad Sodium	W. F. Brehm	0
1.12.1.1.2.4	101545	Clean 3718-M Storage Tank	W. F. Brehm	0
1.12.1.1.2.5	101546	NE Legacy Support	W. F. Brehm	0
1.12.1.1.2.6	110009	337B Crane Repair	W. F. Brehm	0
1.12.1.2		309 Facility		
1.12.1.2.1		Maintain Safe & Compliant 309 Building		
1.12.1.2.1.1	101547	309 Building Facility	M. W. Benecke	757
1.12.1.2.2		Transition 309 Facility		
1.12.1.2.2.1	101548	Transition TW Tank Farm	M. W. Benecke	0
1.12.1.2.2.2	101549	Stabilize PRTR Fuel Storage Basin	M. W. Benecke	0
1.12.1.2.2.3	101550	Stabilize PRTR Reactor Cavity	M. W. Benecke	0
1.12.1.2.2.4	101551	Fuel Exam Cell	M. W. Benecke	0
1.12.1.2.2.5	101552	Stabilize PRTR Fuel Transfer Pit	M. W. Benecke	213
1.12.1.2.2.6	101553	Clean Out Balance PRTR Containment	M. W. Benecke	0
1.12.1.2.2.7	101554	Stabilize 309 Bldg Stacks and Pit	M. W. Benecke	0
1.12.1.2.2.8	101555	Facility Document Updates	M. W. Benecke	0
1.12.1.2.2.9	101556	Transition 309 Building to Shutdown	M. W. Benecke	0
				1,383

TABLE 2-1 RESPONSIBILITY ASSIGNMENT MATRIX (Cont'd)
FAST FLUX TEST FACILITY

WBS No	CaCN	Title	Manager	Budget (\$K)
2.1.1.1.21.1.1		FAST FLUX TEST FACILITY		
2.1.1.1.21.1.1.1		Maintain Safe and Compliant Materials in FFTF		
2.1.1.1.21.1.1.1.1		Project Management		
2.1.1.1.21.1.1.1.1.1	101557	TPO Program Management	R. K. Hulvey	1,026
2.1.1.1.21.1.1.1.1.2	101558	Project Control, Planning and Scheduling	W. V. Witherspoon	547
2.1.1.1.21.1.1.1.1.3	101559	Integration Management	D. A. Gantt	449
2.1.1.1.21.1.1.1.1.4	101560	Assessment Administration	W. L. Marshall	157
2.1.1.1.21.1.1.1.1.5	101561	Project Director's Office	J. R. Montano	931
2.1.1.1.21.1.1.1.1.11	112801	FFTF Corrective Action Management	W. V. Witherspoon	290
2.1.1.1.21.1.1.1.1.13	110245	FFTF EIS Support	T. M. Burke	79
2.1.1.1.21.1.1.1.1.14	111910	Human/Industrial Relations	J. R. Montano	669
2.1.1.1.21.1.1.1.1.20	113085	FFTF PHMC Fee	R. K. Hulvey	2,200
2.1.1.1.21.1.1.1.1.21	113137	FFTF Computer Support	W. V. Witherspoon	642
2.1.1.1.21.1.1.1.3		Inventory Control		
2.1.1.1.21.1.1.1.3.1	101563	Spare Parts Inventory Change	J. R. Montano	90
2.1.1.1.21.1.1.1.3.2	101564	Spares Parts Withdrawal / Returns	J. R. Montano	150
2.1.1.1.21.1.1.1.4		FFTF Standby Operations		
2.1.1.1.21.1.1.1.4.1	101565	Operations Mgmt & Support	L. E. Harville	5,775
2.1.1.1.21.1.1.1.4.3	101566	Opes Analysis and Support	R. L. Mounce	967
2.1.1.1.21.1.1.1.4.4	101567	Opes Training Support	D. J. Rovira	611
2.1.1.1.21.1.1.1.4.5	101568	Opes Policies and Procedures Support	D. J. Rovira	
2.1.1.1.21.1.1.1.4.7	112099	Opes Consumables	L. E. Harville	2,410
2.1.1.1.21.1.1.1.4.8	112100	SOE Plant Operations	L. E. Harville	574
2.1.1.1.21.1.1.1.4.9	112101	EDS Plant Operations	L. E. Harville	343
2.1.1.1.21.1.1.1.4.10	113132	Technical Support Admin	S.W. Scott	191
2.1.1.1.21.1.1.1.5		Self Assessments & Support		
2.1.1.1.21.1.1.1.5.1	101569	Radiological Management Support	S. B. Lamson	816
2.1.1.1.21.1.1.1.5.2	101570	Environmental Support	N. R. Dahl	565
2.1.1.1.21.1.1.1.5.3	101571	Sampling and Lab Support / LLW & Waste Disposal	N. R. Dahl	143
2.1.1.1.21.1.1.1.5.4	101572	Waste Characterization Support	N. R. Dahl	78
2.1.1.1.21.1.1.1.5.5	101573	WSMP/WMTS/WIDS Support	N. R. Dahl	66
2.1.1.1.21.1.1.1.5.8	101576	Safety Support	R. O. Zimmerman	810
2.1.1.1.21.1.1.1.5.9	101577	Quality Assurance	R. O. Zimmerman	479
2.1.1.1.21.1.1.1.6		Maintain FFTF Sys Design		
2.1.1.1.21.1.1.1.6.1	101578	Engineering Mgmt Support	T. M. Burke	267
2.1.1.1.21.1.1.1.6.2	101579	Aux Sys Electrical Eng Support	S. H. Crow	1,350
2.1.1.1.21.1.1.1.6.3	101580	Mechanical Eq & Inservice Support	W. F. Brehm	659
2.1.1.1.21.1.1.1.6.4	101581	RSM Engineering Mgmt Support	D. L. Polzin	921
2.1.1.1.21.1.1.1.7		FFTF Maintenance		
2.1.1.1.21.1.1.1.7.1	101585	Maintenance Support	G. J. Boehnke	8,276
2.1.1.1.21.1.1.1.8		FMEF		
2.1.1.1.21.1.1.1.8.1	101586	FMEF S&M Support	L. E. Harville	128
2.1.1.1.21.1.1.2		Remove Materials from FFTF		
2.1.1.1.21.1.1.2.1		Fuel Handling		
2.1.1.1.21.1.1.2.1.2	101587	Fuel Handling Support	G. N. Ruge	822
2.1.1.1.21.1.1.2.2		SWC		
2.1.1.1.21.1.1.2.2.2	101588	SWC Support	S. W. Hiller	1,534
2.1.1.1.21.1.1.2.4		CLEM Upgrade		
2.1.1.1.21.1.1.2.4.1	101590	CLEM Upgrade Support	G. N. Ruge	375
2.1.1.1.21.1.1.2.5		IEM Cell & Refueling Admin		
2.1.1.1.21.1.1.2.5.1	101591	IEM Cell & Refueling Mech Eng Support	S. W. Hiller	762
2.1.1.1.21.1.1.2.6		SRS C1167		
2.1.1.1.21.1.1.2.6.1	101592	SRS C1167 Support	G. N. Ruge	439
2.1.1.1.21.1.1.2.7		Radioisotope Project		
2.1.1.1.21.1.1.2.7.1	113185	FFTF R ³ Project	S. W. Hiller	332
				\$36,924

3.0 SCHEDULE BASELINE

3.1 Master Schedule

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

The MYWP, available on the Hanford network in "HANDI," includes a high level, summary schedule designated the RL Summary Schedule.

3.2 Milestones

Milestones have been established for completion of significant activities in the project schedule. Dependent upon the significance of the activity, these are assigned as RL or contractor (O) level milestones. The approved project milestones are listed in Table 3.1.

Beyond September 30, 2001, FFTF milestone dates are uncertain, due to the lack of final mission direction. Dates listed are the current "best estimates."

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

TABLE 3.1. ACTIVE MILESTONES FY 2001

<u>Milestone Number</u>	<u>CAM/ Resp. Person</u>	<u>Type</u>	<u>Milestone Description</u>	<u>Scheduled Date</u>
B10-01-003	Harville	O	Complete 10 Operational Drills	10/31/00
B10-01-004	Harville	O	Complete 50 Procedure Observations	10/31/00
B10-01-005	Witherspoon	O	Issue the FY '01 RLS	10/31/00
B10-01-006	Harville	O	Repair identified critical plant heating systems	11/1/00
B10-01-007	Marshall	O	Issue FY '00 4th Qtr S/RID Assessment Summary Report	11/15/00
B10-01-008	Harville	O	Complete 10 Operational Drills	11/30/00
B10-01-009	Harville	O	Complete 50 Procedure Observations	11/30/00
B10-01-010	Scott	O	Submit Renewal Application for 400 Area State Waste Discharge Permit No. ST-4501	12/31/00
B10-01-011	Boehnke	O	Complete self assessment of section 14, DOE Order 4330.4B	12/31/00
B10-01-012	Harville	O	Complete 10 Operational Drills	12/31/00
B10-01-013	Harville	O	Complete 50 Procedure Observations	12/31/00
B10-01-014	Harville	O	Total locked in Control Room alarms will be < 40	12/31/00
B10-01-015	Harville	O	Total tagout authorizations > 6 months will be < 30	12/31/00
B10-01-016	Harville	O	Ops will write resolutions (WPP-APP) for 9 work packages	12/31/00
B10-01-017	Lamson	O	Complete the annual radiological characterization report for routine bioassay	12/31/00
B10-01-018	Lamson	O	Complete 4th Qtr (CY '00) Radiological Control required surveillances	12/31/00
B10-01-019	Parker	O	Complete 9 QA Surveillances	12/31/00
B10-01-020	Polzin	O	Complete Annual Review of MASF ASA	12/31/00
B10-01-021	Boehnke	O	Prepare initial workscope and resource loaded schedule for Workphase 01-2	1/31/01
B10-01-022	Dautel	O	Issue Annual Update to the 400 Area Authorization Envelope	1/31/01
B10-01-023	Dautel	O	Submit Annual Update to the FFTF Authorization Agreement	1/31/01
B10-01-024	Dautel	O	Issue Annual Update to the FFTF FSAR (Amendment 80)	1/31/01
B10-01-025	Harville	O	Complete 10 Operational Drills	1/31/01
B10-01-026	Harville	O	Complete 50 Procedure Observations	1/31/01
B10-01-000	Boehnke	RL	Complete Health of Facility Workphase 01-1	1/31/01
B10-01-027	Harville	O	Complete Operations procedure AJHA screenings	2/1/01
B10-01-028	Crow	O	Prepare modification to provide non-1E inverters alternate power source	2/9/01
B10-01-029	Marshall	O	Issue FY '01 1st Qtr S/RID Assessment Summary Report	2/15/01
B10-01-030	Ruge	O	Complete Equipment Removal from C-1167	2/19/01
B10-01-031	Harville	O	Complete 10 Operational Drills	2/28/01

TABLE 3.1. ACTIVE MILESTONES FY 2001 (Cont'd)

<u>Milestone Number</u>	<u>CAM/ Resp. Person</u>	<u>Type</u>	<u>Milestone Description</u>	<u>Scheduled Date</u>
B10-01-032	Harville	O	Complete 50 Procedure Observations	2/28/01
B10-01-033	Zimmerman	O	Complete Scheduled S&H Hazard Baseline updates for 481, 481A, 4621E/W, and 4721 Bldgs	3/23/01
B10-01-034	Zimmerman	O	Complete Scheduled Fire Protection Assessments	3/23/01
B10-01-035	Zimmerman	O	Complete semi-annual Criticality Safety Inspections	3/23/01
B10-01-036	Mounce	O	Perform 6 emergency preparedness drills	3/29/01
B10-01-037	Eyre	O	Issue Annual Update to the FFTF ISMS System Description	3/30/01
B10-01-038	Boehnke	O	Complete self assessment of section 4, DOE Order 4330.4B	3/31/01
B10-01-039	Brehm	O	Issue annual SISI Report	3/31/01
B10-01-040	Harville	O	Complete 10 Operational Drills	3/31/01
B10-01-041	Harville	O	Complete 50 Procedure Observations	3/31/01
B10-01-042	Harville	O	Perform 2 Conduct of Operations Chapter Assessments	3/31/01
B10-01-043	Harville	O	Total locked in Control Room alarms will be < 40	3/31/01
B10-01-044	Harville	O	Total tagout authorizations > 6 months will be < 30	3/31/01
B10-01-045	Harville	O	Ops will write resolutions (WPP-APP) for 9 work packages	3/31/01
B10-01-046	Hiller	O	Define max number R3 assemblies and target volume	3/31/01
B10-01-047	Lamson	O	Complete the annual FFTF workplace air monitoring evaluation	3/31/01
B10-01-048	Lamson	O	Complete 1st Qtr (CY '01) Radiological Control required surveillances	3/31/01
B10-01-049	Parker	O	Complete 9 QA Surveillances	3/31/01
B10-01-050	Ruge	O	Complete CLEM Software Design Review	4/4/01
B10-01-051	Ruge	O	Complete Hardware Installation in C-1167	4/4/01
B10-01-052	Zimmerman	O	Complete Emergency Preparedness Hazard Assessment annual update	4/5/01
B10-01-053	Gantt	O	Issue FY '03 Field Work Proposal	4/13/01
B79-99-900	Benecke	RL	Stabilize the PRTR Fuel Transfer Pit	4/20/01
B10-01-054	Mounce	O	Complete Landlord Fire Systems Corrective Implementation Plans	4/30/01
B10-01-055	Harville	O	Complete 10 Operational Drills	4/30/01
B10-01-056	Harville	O	Complete 50 Procedure Observations	4/30/01
B10-01-057	Harville	O	Write 3 new EDS Drills	4/30/01
B10-01-058	Brehm	O	Issue FFTF One Year Asbestos Inspection Report	5/1/01
B10-01-059	Marshall	O	Issue FY '01 2nd Qtr S/RID Assessment Summary Report	5/15/01

TABLE 3.1. ACTIVE MILESTONES FY 2001 (Cont'd)

Milestone Number	CAM/ Resp. Person	Type	Milestone Description	Scheduled Date
B10-01-060	Boehnke	O	Prepare initial workscope and resource loaded schedule for Workphase 01-3	5/31/01
B10-01-061	Harville	O	Complete 10 Operational Drills	5/31/01
B10-01-062	Harville	O	Complete 50 Procedure Observations	5/31/01
B10-01-001	Boehnke	RL	Complete Health of Facility Workphase 01-2	5/31/01
B10-01-063	Zimmerman	O	Complete assessment to identify Ergonomic related "Caution Zone Jobs"	6/20/01
B10-01-064	Crow	O	Prepare modification to upgrade E-23 control system	6/21/01
B19-00-402	Ruge	RL	Complete Modification of C-1167 for SRS upgrade	6/27/01
B10-01-065	Polzin	O	Document Results of Piloting the Facility Modification Process	6/29/01
B19-00-400	Hiller	RL	Complete Definitive Design of the Solid Waste Cask	6/29/01
B10-01-066	Boehnke	O	Complete self assessment of section 12, DOE Order 4330.4B	6/30/01
B10-01-067	Boehnke	O	Complete self assessment of section 13, DOE Order 4330.4B	6/30/01
B10-01-068	Gantt	O	Issue Revised Project Plan	6/30/01
B10-01-069	Harville	O	Complete 10 Operational Drills	6/30/01
B10-01-070	Harville	O	Complete 50 Procedure Observations	6/30/01
B10-01-071	Harville	O	Perform 2 Conduct of Operations Chapter Assessments	6/30/01
B10-01-072	Harville	O	Total locked in Control Room alarms will be < 40	6/30/01
B10-01-073	Harville	O	Total tagout authorizations > 6 months will be < 30	6/30/01
B10-01-074	Harville	O	Ops will write resolutions (WPP-APP) for 9 work packages	6/30/01
B10-01-075	Lamson	O	Complete 2nd Qtr (CY '01) Radiological Control required surveillances	6/30/01
B10-01-076	Parker	O	Complete 9 QA Surveillances	6/30/01
B10-01-077	Burke	O	Complete Annual Review of FFTF and FSF FSARs	6/30/01
B10-01-078	Ruge	O	Complete CLEM ATP Phase I	7/25/01
B10-01-079	Harville	O	Complete 10 Operational Drills	7/31/01
B10-01-080	Harville	O	Complete 50 Procedure Observations	7/31/01
B10-01-081	Brehm	O	Update HNF-IP-1288, 335 and 337B Administrative Manual	7/31/01
B10-01-082	Marshall	O	Issue FY '01 3rd Qtr S/RID Assessment Summary Report	8/15/01
B10-01-083	Zimmerman	O	Develop Equipment Life Expectancy methodology, with examples	8/24/01
B10-01-084	Dautel	O	Submit Annual FSAR update to DOE	8/30/01
B10-01-085	Gantt	O	Submit FY '02 Multi-year Work Plan	8/31/01
B10-01-086	Harville	O	Complete 10 Operational Drills	8/31/01
B10-01-087	Harville	O	Complete 50 Procedure Observations	8/31/01

TABLE 3.1. ACTIVE MILESTONES FY 2001 (Cont'd)

<u>Milestone Number</u>	<u>CAM/ Resp. Person</u>	<u>Type</u>	<u>Milestone Description</u>	<u>Scheduled Date</u>
B10-01-088	Zimmerman	O	Complete Scheduled S&H Hazard Baseline updates for 483, 484 and 491 S/W/E Bldgs	9/21/01
B10-01-089	Zimmerman	O	Complete Scheduled Fire Protection Assessments	9/21/01
B10-01-090	Zimmerman	O	Complete semi-annual Criticality Safety Inspections	9/21/01
B10-01-091	Ruge	O	Complete CG&A for SRS	9/25/01
B10-01-092	Mounce	O	Perform 13 Emergency Preparedness drills for FY '01	9/27/01
B10-01-093	Polzin	O	Management Assessment of the FFTF Engineering Program	9/28/01
B19-00-403	Ruge	RL	Complete CLEM ATP	9/28/01
B10-01-002	Boehnke	RL	Complete Health of Facility Workphase 01-3	9/28/01
B10-01-094	Boehnke	O	Complete self assessment of section 19, DOE Order 4330.4B	9/30/01
B10-01-095	Boehnke	O	Prepare initial workscope and resource loaded schedule for Workphase 02-1	9/30/01
B10-01-096	Harville	O	Complete 10 Operational Drills	9/30/01
B10-01-097	Harville	O	Complete 50 Procedure Observations	9/30/01
B10-01-098	Harville	O	Perform 2 Conduct of Operations Chapter Assessments	9/30/01
B10-01-099	Harville	O	Total locked in Control Room alarms will be < 40	9/30/01
B10-01-100	Harville	O	Total tagout authorizations > 6 months will be < 30	9/30/01
B10-01-101	Harville	O	Ops will write resolutions (WPP-APP) for 9 work packages	9/30/01
B10-01-102	Lamson	O	Complete 3rd Qtr (CY '01) Radiological Control required surveillances	9/30/01
B10-01-103	Marshall	O	Issue FY '02 S/RID Assessment Schedule	9/30/01
B10-01-104	Montano	O	Complete Cost Transfers and FY '01 Closing Actions	9/30/01
B10-01-105	Mounce	O	Complete the Criticality Safety Evaluation Report (CSER) screening	9/30/01
B10-01-106	Mounce	O	Generate three new Emergency Preparedness Drill scenarios	9/30/01
B10-01-107	Mounce	O	Perform Emergency Preparedness S/RIDS Phase II Assessment	9/30/01
B10-01-108	Parker	O	Complete 9 QA Surveillances	9/30/01
B10-01-109	Polzin	O	Complete Planned Installation of Backflow Preventers	9/30/01
B69-02-301	Brehm	RL	Complete Disposition Options for Hanford Site Sodium	3/29/02
B19-99-404	Hiller	RL	Upgrade the Solid Waste Cask (SWC)	3/29/02
B79-97-902	Benecke	RL	Stabilize the PRTR Transfer Waste Holding Tanks	7/31/02
B79-98-905	Benecke	RL	Stabilize the PRTR Fuel Storage Basin	8/21/02

TABLE 3.1. ACTIVE MILESTONES FY 2001 (Cont'd)

<u>Milestone Number</u>	<u>CAM/ Resp. Person</u>	<u>Type</u>	<u>Milestone Description</u>	<u>Scheduled Date</u>
B79-99-901	Benecke	RL	Clean Out The Balance of the PRTR Containment	9/30/02
B10-98-101	Hiller	RL	Establish Readiness for OTA Shearing ATP	9/30/02
B10-98-102	Hiller	RL	Complete ATP For OTA Shear	12/10/02
B10-98-103	Hiller	RL	Obtain Authorization For Ota OTA Shear Operation	12/31/02
B79-99-902	Benecke	RL	Stabilize the 309 Building Stack And Pits	9/30/03
B79-01-901	Benecke	RL	Transition Bldg 309 to Shutdown Status	6/29/04

4.0 COSTS

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

4.1 Cost Detail

Cost reports are presented in Appendix B. These reports document the budgeted resource usage, the fully burdened resource rate, and the resource cost, as well as cost subtotals for the various tasks. Costs for FFTF (WBS 2.1.1.1.21.1.1) are presented only for the current fiscal year, due to the lack of a defined mission. Costs for NE Legacies and PRTR (WBS 1.12.1) are presented for the life cycle of these projects. Costs shown in these reports are in current year dollars using current rates; for FY 2002 and beyond, escalation must be accounted for manually.

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

4.2 Cost Baseline

4.2.1 Cost Baseline by Year

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

4.2.2 Current Year Cost Baseline

Table 4.3 lists the FY 2001 cost baseline for each Cost account Charge Number in the ART and FFTF projects. The backup detail is provided in Appendix B.

4.3 Budget Authority

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

4.4 Planned Staffing

The ART planned staffing for NE Legacies and PRTR/309 Building activities is: 8.5 FTE

The FFTF planned staffing is 241 direct staff for FY 2001 with an additional 10 FTE of supporting staff from outside of the FFTF organization. The supporting staff FTE may or may not represent a discrete individual. These supporting FTE include non-exempt and crafts, DynCorp crafts and custodial support personnel, and corrective action management personnel. Out-year staffing will be a function of the mission decision.

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

	FY 1997 Actuals	FY 1998 Actuals	FY 1999 Actuals	FY 2000 Actuals	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	LIFE CYCLE
ART S&M										
NE Legacies	780	490	402	328	386	497	492	447	447	
309 Bldg	744	714	458	414	757	841	830	735		
TOTAL:	1,524	1,204	860	742	1,143	1,338	1,322	1,182	447	9,762
ART Deactivation										
NE Legacies	1,813	1,214	84	300	27	1,219	1,238	568	503	6,966
309 Bldg	1,280	231	531	115	213	996	1,073	113		4,552
FFTF Costs	9,929	36,853								
Escalation						71	145	113	78	407
PERFORMANCE BASELINE	14,546	39,502	1,475	1,157	1,383	3,624	3,778	1,976	1,028	68,469
RL Direct Funded										
Safeguards & Security			79	98	105	100	100	100	100	682
Escalation					12					12
TP11 TOTAL	14,546	39,502	1,554	1,255	1,500	3,726	3,882	2,082	1,136	69,183

TABLE 4.2 FFTF COSTS BY FISCAL YEAR

	FY 1997 Actuals	FY 1998 Actuals	FY 1999 Actuals	FY 2000 Actuals	FY 2001	FY 2002	FY 2003	FY 2004	LIFE CYCLE
FFTF Costs	28,433		37,267	34,550	36,924	TBD	TBD	TBD	TBD
Escalation									
PERFORMANCE BASELINE	28,433		37,267	34,550	36,924				
Spare Parts Transfer	9,804								
RL Direct Funded			77	90	100				
Safeguards & Security					5,486				
HQ Holdback for PEIS					1,500				
Escalation									
NE TOTAL	38,237	0	34,648	34,640	44,010				

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

CaCN	Description	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005
101557	FFTF TPO	1,932	1,376	1,567	2,000	TBD	TBD	TBD	TBD
101541	NE Legacies Occupancy	82	28	23	40	120	115	100	100
101547	309 Building Facility	80	36	40	60	120	115	20	
TOTAL:		2,094	1,440	1,630	2,100	240	230	120	100

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

TABLE 4.4 FY 2001 COST BASELINE

ADVANCED REACTORS TRANSITION

WBS No	CaCN	Title	Manager	FY 2001 Budget (\$K)
1.12.1		ADVANCED REACTORS TRANSITION		
1.12.1.1		NE Legacy Facilities		
1.12.1.1.1		Maintain Safe & Compliant NE Legacy Facilities		
1.12.1.1.1.1	101541	NE Legacies Occupancy	W. F. Brehm	\$386
1.12.1.1.2		Transition NE Legacy Facilities		
1.12.1.1.2.1	101542	Remove and Ship 337 Controls & Piping	W. F. Brehm	\$27
1.12.1.1.2.2	101543	Clean 221-T Tanks	W. F. Brehm	0
1.12.1.1.2.3	101544	Complete Options for Non-Rad Sodium	W. F. Brehm	0
1.12.1.1.2.4	101545	Clean 3718-M Storage Tank	W. F. Brehm	0
1.12.1.1.2.5	101546	NE Legacy Support	W. F. Brehm	0
1.12.1.1.2.6	110009	337B Crane Repair	W. F. Brehm	0
1.12.1.2		309 Facility		
1.12.1.2.1		Maintain Safe & Compliant 309 Building		
1.12.1.2.1.1	101547	309 Building Facility	M. W. Benecke	\$757
1.12.1.2.2		Transition 309 Facility		
1.12.1.2.2.1	101548	Transition TW Tank Farm	M. W. Benecke	0
1.12.1.2.2.2	101549	Stabilize PRTR Fuel Storage Basin	M. W. Benecke	0
1.12.1.2.2.3	101550	Stabilize PRTR Reactor Cavity	M. W. Benecke	0
1.12.1.2.2.4	101551	Fuel Exam Cell	M. W. Benecke	0
1.12.1.2.2.5	101552	Stabilize PRTR Fuel Transfer Pit	M. W. Benecke	\$213
1.12.1.2.2.6	101553	Clean Out Balance PRTR Containment	M. W. Benecke	0
1.12.1.2.2.7	101554	Stabilize 309 Bldg Stacks and Pit	M. W. Benecke	0
1.12.1.2.2.8	101555	Facility Document Updates	M. W. Benecke	0
1.12.1.2.2.9	101556	Transition 309 Building to Shutdown	M. W. Benecke	0
				\$1,383

TABLE 4.4 FY 2001 COST BASELINE (Cont'd)
FAST FLUX TEST FACILITY

WBS No	CaCN	Title	Manager	Budget (\$K)
2.1.1.1.21.1.1		FAST FLUX TEST FACILITY		
2.1.1.1.21.1.1.1		Maintain Safe and Compliant Materials in FFTF		
2.1.1.1.21.1.1.1.1		Project Management		
2.1.1.1.21.1.1.1.1.1	101557	TPO Program Management	R. K. Hulvey	1,026
2.1.1.1.21.1.1.1.1.2	101558	Project Control, Planning and Scheduling	W. V. Witherspoon	547
2.1.1.1.21.1.1.1.1.3	101559	Integration Management	D. A. Gantt	449
2.1.1.1.21.1.1.1.1.4	101560	Assessment Administration	W. L. Marshall	157
2.1.1.1.21.1.1.1.1.5	101561	Project Director's Office	J. R. Montano	931
2.1.1.1.21.1.1.1.1.11	112801	FFTF Corrective Action Management	W. V. Witherspoon	290
2.1.1.1.21.1.1.1.1.13	110245	FFTF EIS Support	T. M. Burke	79
2.1.1.1.21.1.1.1.1.14	111910	Human/Industrial Relations	J. R. Montano	669
2.1.1.1.21.1.1.1.1.20	113085	FFTF PHMC Fee	R. K. Hulvey	2,200
2.1.1.1.21.1.1.1.1.21	113137	FFTF Computer Support	W. V. Witherspoon	642
2.1.1.1.21.1.1.1.3		Inventory Control		
2.1.1.1.21.1.1.1.3.1	101563	Spare Parts Inventory Change	J. R. Montano	90
2.1.1.1.21.1.1.1.3.2	101564	Spares Parts Withdrawal / Returns	J. R. Montano	150
2.1.1.1.21.1.1.1.4		FFTF Standby Operations		
2.1.1.1.21.1.1.1.4.1	101565	Operations Mgmt & Support	L. E. Harville	5,775
2.1.1.1.21.1.1.1.4.3	101566	Opes Analysis and Support	R. L. Mounce	967
2.1.1.1.21.1.1.1.4.4	101567	Opes Training Support	D. J. Rovira	611
2.1.1.1.21.1.1.1.4.5	101568	Opes Policies and Procedures Support	D. J. Rovira	
2.1.1.1.21.1.1.1.4.7	112099	Opes Consumables	L. E. Harville	2,410
2.1.1.1.21.1.1.1.4.8	112100	SOE Plant Operations	L. E. Harville	574
2.1.1.1.21.1.1.1.4.9	112101	EDS Plant Operations	L. E. Harville	343
2.1.1.1.21.1.1.1.4.10	113132	Technical Support Admin	S.W. Scott	191
2.1.1.1.21.1.1.1.5		Self Assessments & Support		
2.1.1.1.21.1.1.1.5.1	101569	Radiological Management Support	S. B. Lamson	816
2.1.1.1.21.1.1.1.5.2	101570	Environmental Support	N. R. Dahl	565
2.1.1.1.21.1.1.1.5.3	101571	Sampling and Lab Support / LLW & Waste Disposal	N. R. Dahl	143
2.1.1.1.21.1.1.1.5.4	101572	Waste Characterization Support	N. R. Dahl	78
2.1.1.1.21.1.1.1.5.5	101573	WSMP?WMTS/WIDS Support	N. R. Dahl	66
2.1.1.1.21.1.1.1.5.8	101576	Safety Support	R. O. Zimmerman	810
2.1.1.1.21.1.1.1.5.9	101577	Quality Assurance	R. O. Zimmerman	479
2.1.1.1.21.1.1.1.6		Maintain FFTF Sys Design		
2.1.1.1.21.1.1.1.6.1	101578	Engineering Mgmt Support	T. M. Burke	267
2.1.1.1.21.1.1.1.6.2	101579	Aux Sys Electrical Eng Support	S. H. Crow	1,350
2.1.1.1.21.1.1.1.6.3	101580	Mechanical Eq & Inservice Support	W. F. Brehm	659
2.1.1.1.21.1.1.1.6.4	101581	RSM Engineering Mgmt Support	D. L. Polzin	921
2.1.1.1.21.1.1.1.7		FFTF Maintenance		
2.1.1.1.21.1.1.1.7.1	101585	Maintenance Support	G. J. Boehnke	8,276
2.1.1.1.21.1.1.1.8		FMEF		
2.1.1.1.21.1.1.1.8.1	101586	FMEF S&M Support	L. E. Harville	128
2.1.1.1.21.1.1.2		Remove Materials from FFTF		
2.1.1.1.21.1.1.2.1		Fuel Handling		
2.1.1.1.21.1.1.2.1.2	101587	Fuel Handling Support	G. N. Ruge	822
2.1.1.1.21.1.1.2.2		SWC		
2.1.1.1.21.1.1.2.2.2	101588	SWC Support	S. W. Hiller	1,534
2.1.1.1.21.1.1.2.4		CLEM Upgrade		
2.1.1.1.21.1.1.2.4.1	101590	CLEM Upgrade Support	G. N. Ruge	375
2.1.1.1.21.1.1.2.5		IEM Cell & Refueling Admin		
2.1.1.1.21.1.1.2.5.1	101591	IEM Cell & Refueling Mech Eng Support	S. W. Hiller	762
2.1.1.1.21.1.1.2.6		SRS C1167		
2.1.1.1.21.1.1.2.6.1	101592	SRS C1167 Support	G. N. Ruge	439
2.1.1.1.21.1.1.2.7		Radioisotope Project		
2.1.1.1.21.1.1.2.7.1	113185	FFTF R ³ Project	S. W. Hiller	332
				\$36,924

TABLE 4.5 FY 2001 BUDGET AUTHORITY

Funding Type/Source	RL-TP11	FFTF
FY 2001 Appropriation (Expected)	\$1,500	\$44,010
HQ Holdback for PEIS	0	-1,500
RL Hold Back for Direct Funded Support (Expected)	-105	-100
Safeguards & Security Holdback	-12	-5,486
New Budget Authority	\$1,383	\$36,924
Project Carryover (See Note)	0	0
TOTAL PLANNED B/A	\$1,383	\$36,924

NOTE: FY 2000 was completed with a favorable cost status and carryover funds for both ART and FFTF. Appropriate scope will be added by Baseline Change Request to capture and utilize those funds.

RESOURCE LOADED SCHEDULE BASIS

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

5.1 Methodology and Historical Basis

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

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

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

5.2 Basic Data and Estimate Backup Sheets

The development and maintenance of the RLS is directly supported by a large set of basic data and estimate backup sheets (referred to as backup files). These files document the assumptions, resource needs and estimated costs of transition activities. The current estimate basis is documented on "Cost Estimate Input Sheets" which document the FY 2001 planning basis.

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

A more recent set of estimate inputs (FY 1997) were entered on Excel spreadsheet task/activity planning and estimating sheets, which provided data electronically into both Project/2, Series X (P/X)² and the Interactive Estimating Software Tool (IEST) data base. P/X has subsequently been converted to P3. These estimates were updated again as a part of the fiscal year planning process.

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

Other backup files include historical data from the Job Control System-Automated Data Program (e.g., corrective and preventive maintenance, performance of compliance activities in the areas of operational surveillances, environmental and fire system compliance checks, and instrument calibrations); detailed refueling plans; IEM Cell work plans; past Plan-of-the-Day scheduling meetings;

¹ P3 and Primavera Project Planner are trade names of Primavera Systems, Inc.

² Project/2, Series X (P/X) is a trade name of Project Software & Development, Inc.

and special operational procedures. These files can be obtained from the FFTF Planning and Scheduling Integration group and FFTF Maintenance organization.

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

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

5.3 Cost Estimate Reviews

During the periodic updates of the cost estimate, representatives of the RL project office provide oversight and review. Selected portions of the cost estimate have been reviewed as a part of the RL process to validate the budget request process. In addition, two, more complete, independent reviews have been conducted.

Project Time & Cost, Inc. (PT&C), conducted an independent review of the cost estimate process and results during the time period September 1995 through March 1996. This review focused on the FFTF transition to shutdown costs for the FFTF and also reviewed cost estimates for NE Legacies and 309 Facility deactivation. Recommendations from this review were evaluated and incorporated into the baseline, as appropriate.

RL Mission Planning Division, accompanied by representatives from DOE-HQ, Office of Nuclear Energy, Science and Technology (NE) and Chief Financial Officer (CFO), conducted a review of the FFTF standby cost estimate in November 1999. The review team concluded that the management systems used to develop project budgets and control costs were adequate, and the FY 2000 planning estimate was complete and well documented.¹⁶

6.0 BASELINE CHANGE CONTROL

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

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

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

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

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7.0 REFERENCES

1. HNF-SD-FF-SSP-056, Rev. 1, "Fast Flux Test Facility Standby Plan," B&W Hanford Company, January 30, 1998.
2. WHC-SD-FF-MP-001, Rev. 1, "Hanford Site Sodium Management Plan," Westinghouse Hanford Company, September 26, 1995.
3. Deleted.
4. WHC-SD-SP-SSP-001, Rev. 1, "309 Building Transition Plan," Westinghouse Hanford Company, April 28, 1995.
5. Hanford Data Integration (Handi) data base, "Fiscal Year 2001 Multi-Year Work Plan Advanced Reactors Transition Program," 10/1/00 version.
6. DOE Press Release, R-97-002, "Energy Department's Hanford Reactor put on 'Hot Standby,'" dated January 15, 1997.
7. Letter, S. A. Sieracki, RL, to H. J. Hatch, FDH, "Contract No. DE-AC06-96RL13200: Advanced Reactors Transition (ART) Program Direction," 97-TPD-003, dated January 18, 1997.
8. Letter, L. J. Olguin, FDH, to W. F. Heer, BWHC, "Contract No. DE-AC06-96RL13200: Advanced Reactors Transition (ART) Project Direction," 9751456A R1, dated March 4, 1997.
9. Memorandum, D. A. Dreyfus, Acting Director, Office of Nuclear Energy, to J. D. Wagoner, RL, "Commence Fast Flux Test Facility Shutdown (FFTF) Activities," dated December 15, 1993.
10. Letter, J. D. Wagoner, RL, to T. M. Anderson, WHC, "Fast Flux Test Facility (FFTF) Shutdown," OTD:OAF, dated December 15, 1993.
11. WHC-SD-FF-SSP-004, Rev. 3, "Fast Flux Test Facility Stabilization Project Plan," B&W Hanford Company, November 15, 1996.
12. Deleted.
13. WHC-SD-FF-SSP-050, Rev. 1, "Fast Flux Test Facility Transition Project Resource Loaded Schedule," Westinghouse Hanford Company, October 31, 1994.
14. DOE 4700.1, Rev. 2, "Project Management System," U.S. Department of Energy, June 2, 1992.
15. Deleted.
16. Letter, Keith A. Klein, DOE-RL, to Michael L. Telson and William D. Magwood, DOE-HQ, FFTF Standby Budget Evaluation Report, letter number MPD:EJR/00-MPD-005, dated December 16, 1999.

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APPENDIX A

SCHEDULES

<u>Project</u>	<u>Page</u>
Advanced Reactors Transition	
NE Legacy Facilities	93
309 Building Facility	94
Fast Flux Test Facility	99

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Activity ID	Activity Description	WBS	Orig Dur	Early Start	Early Finish	FY01	FY02	FY03	FY04	FY05	FY06
SITE ENVIRONMENTAL MANAGEMENT											
ADVANCED REACTORS TRANSITION											
ADVANCED REACTORS TRANSITION PBS (RL-TP11)											
MAINTAIN SAFE & COMPLIANT NE LEGACIES											
NE LEGACIES OCCUPANCY											
LO0080	FY01 337B/3718M - CORRECTIVE MAINTENANCE	1.12.01.01.01.01	251	02OCT00	28SEP01						
LO0082	FY01 337B/3718-M PREVENTIVE MAINTENANCE	1.12.01.01.01.01	251	02OCT00	28SEP01						
LO0084	FY01 337B/3718-M WORK CONTROL	1.12.01.01.01.01	251	02OCT00	28SEP01						
LO0086	FY01 337B/3718-M SURVEILLANCES/JANITOR/BPA	1.12.01.01.01.01	251	02OCT00	28SEP01						
LO0088	FY01 337B/3718-M FEE	1.12.01.01.01.01	251	02OCT00	28SEP01						
LO0100	FY2002 LEGACY OCCUPANCY	1.12.01.01.01.01	252	01OCT01	30SEP02						
LO0120	FY2003 LEGACY OCCUPANCY	1.12.01.01.01.01	252	01OCT02	30SEP03						
LO0140	FY2004 LEGACY OCCUPANCY	1.12.01.01.01.01	253	01OCT03	30SEP04						
LO0150	FY2005 LEGACY OCCUPANCY	1.12.01.01.01.01	252	01OCT04	30SEP05						
TRANSITION NE LEGACY FACILITIES											
REMOVE & SHIP 337 CONTROLS & PIPING											
LE0025	NAK REMOVAL - 337 LOOP CLEAN-UP FY01	1.12.01.01.02.01	39	01NOV00*	29DEC00						
LE0030	REMOVE & SHIP 337 CONTROLS & PIPING FY02	1.12.01.01.02.01	252	01OCT01*	30SEP02						
LE0040	REMOVE & SHIP 337 CONTROLS & PIPING FY03	1.12.01.01.02.01	252	01OCT02	30SEP03						
LE0050	REMOVE & SHIP 337 CONTROLS & PIPING FY04	1.12.01.01.02.01	253	01OCT03	30SEP04						
LE0060	REMOVE & SHIP 337 CONTROLS & PIPING FY05	1.12.01.01.02.01	126	01OCT04	04APR05						
COMPLETE OPTIONS FOR NON RAD SODIUM											
LE0090	Drain/Clean CRC TA Vessel FY02	1.12.01.01.02.03	128	01APR02*	30SEP02						
LE0100	Drain/Clean CRC TA Vessel FY03	1.12.01.01.02.03	252	01OCT02	30SEP03						
Start Date	01OCT98	Advanced Reactors Transition									
Finish Date	30SEP05	FFTF PROJECT									
Data Date	01OCT98										
Run Date	23OCT00 13:19										
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Activity ID	Activity Description	WBS	Orig Dur	Early Start	Early Finish	FY01	FY02	FY03	FY04	FY05	FY06
LE0105	MX-92-11-T01 COMPL DISPOSITIONS FOR NR SODIUM	1.12.01.01.02.03	0		29MAR02						
CLEAN 3718-M STORAGE TANK											
LE0130	CLEAN 3718-M STORAGE TANK FY03	1.12.01.01.02.04	127	02APR03	30SEP03						
LE0140	CLEAN 3718-M STORAGE TANK FY04	1.12.01.01.02.04	253	01OCT03	30SEP04						
LE0150	CLEAN 3718-M STORAGE TANK FY05	1.12.01.01.02.04	64	01OCT04	05JAN05						
NE LEGACY SUPPORT											
LE0170	FY 2002 NE LEGACIES NA DISPOSITION PRJ. SUPP.	1.12.01.01.02.05	252	01OCT01	30SEP02						
LE0180	FY 2003 NE LEGACIES NA DISPOSITION PRJ. SUPP.	1.12.01.01.02.05	252	01OCT02	30SEP03						
LE0190	FY 2004 NE LEGACIES NA DISPOSITION PRJ. SUPP.	1.12.01.01.02.05	253	01OCT03	30SEP04						
LE0200	FY 2005 NE LEGACIES NA DISPOSITION PRJ. SUPP.	1.12.01.01.02.05	252	01OCT04	30SEP05						
337 B CRANE REPAIR											
LE0410	337 B CRANE REPAIR	1.12.01.01.02.06	251	01OCT01	27SEP02						
MAINT SAFE & COMPL 309 BLDG											
309 BUILDING FACILITY											
PO1140	309 BLDG MANAGEMENT AND SUPPORT FY01	1.12.01.02.01.01	251	02OCT00	28SEP01						
PO1142	309 BLDG MANAGEMENT AND SUPPORT FY01	1.12.01.02.01.01	251	02OCT00	28SEP01						
PO1144	309 BLDG MANAGEMENT AND SUPPORT FY01	1.12.01.02.01.01	251	02OCT00	28SEP01						
PO1160	309 BLDG MANAGEMENT AND SUPPORT FY02	1.12.01.02.01.01	252	01OCT01	30SEP02						
PO1162	309 BLDG MANAGEMENT AND SUPPORT FY02	1.12.01.02.01.01	252	01OCT01	30SEP02						
PO1164	309 BLDG MANAGEMENT AND SUPPORT FY02	1.12.01.02.01.01	252	01OCT01	30SEP02						
PO1170	309 BLDG MANAGEMENT AND SUPPORT FY03	1.12.01.02.01.01	252	01OCT02	30SEP03						
PO1172	309 BLDG MANAGEMENT AND SUPPORT FY03	1.12.01.02.01.01	252	01OCT02	30SEP03						
PO1174	309 BLDG MANAGEMENT AND SUPPORT FY03	1.12.01.02.01.01	252	01OCT02	30SEP03						
PO1176	309 BLDG MANAGEMENT AND SUPPORT FY04	1.12.01.02.01.01	253	01OCT03	30SEP04						
PO1178	309 BLDG MANAGEMENT AND SUPPORT FY04	1.12.01.02.01.01	253	01OCT03	30SEP04						
PO1180	309 BLDG MANAGEMENT AND SUPPORT FY04	1.12.01.02.01.01	253	01OCT03	30SEP04						
PO1220	309 BLDG TRAINING	1.12.01.02.01.01	251	02OCT00	28SEP01						

Activity ID	Activity Description	WBS	Orig Dur	Early Start	Early Finish	FY01 FY02 FY03 FY04 FY05 Y06											
PO1230	309 BLDG TRAINING	1.12.01.02.01.01	252	01OCT01	30SEP02												
PO1240	309 BLDG TRAINING	1.12.01.02.01.01	252	01OCT02	30SEP03												
PO1250	309 BLDG TRAINING	1.12.01.02.01.01	253	01OCT03	30SEP04												
PO1320	309 BLDG BASELINE CONTROL/PBS/MYPP	1.12.01.02.01.01	251	02OCT00	28SEP01												
PO1330	309 BLDG BASELINE CONTROL/PBS/MYPP	1.12.01.02.01.01	252	01OCT01	30SEP02												
PO1340	309 BLDG BASELINE CONTROL/PBS/MYPP	1.12.01.02.01.01	252	01OCT02	30SEP03												
PO1350	309 BLDG BASELINE CONTROL/PBS/MYPP	1.12.01.02.01.01	253	01OCT03	30SEP04												
PO1420	309 BLDG UTILITIES AND ASSESSEMENTS	1.12.01.02.01.01	251	02OCT00	28SEP01												
PO1430	309 BLDG UTILITIES AND ASSESSEMENTS	1.12.01.02.01.01	252	01OCT01	30SEP02												
PO1440	309 BLDG UTILITIES AND ASSESSEMENTS	1.12.01.02.01.01	252	01OCT02	30SEP03												
PO1450	309 BLDG UTILITIES AND ASSESSEMENTS	1.12.01.02.01.01	253	01OCT03	30SEP04												
PO2220	309 BLDG PROCEDURE PREPARATION AND MAINT	1.12.01.02.01.01	251	02OCT00	28SEP01												
PO2230	309 BLDG PROCEDURE PREPARATION AND MAINT	1.12.01.02.01.01	252	01OCT01	30SEP02												
PO2240	309 BLDG PROCEDURE PREPARATION AND MAINT	1.12.01.02.01.01	252	01OCT02	30SEP03												
PO2250	309 BLDG PROCEDURE PREPARATION AND MAINT	1.12.01.02.01.01	253	01OCT03	30SEP04												
PO2320	309 BLDG INDEPENDENT OVERSITE	1.12.01.02.01.01	251	02OCT00	28SEP01												
PO2330	309 BLDG INDEPENDENT OVERSITE	1.12.01.02.01.01	252	01OCT01	30SEP02												
PO2340	309 BLDG INDEPENDENT OVERSITE	1.12.01.02.01.01	252	01OCT02	30SEP03												
PO2350	309 BLDG INDEPENDENT OVERSITE	1.12.01.02.01.01	253	01OCT03	30SEP04												
PO2420	309 BLDG MANAGEMENT ASSESSEMENTS	1.12.01.02.01.01	251	02OCT00	28SEP01												
PO2430	309 BLDG MANAGEMENT ASSESSEMENTS	1.12.01.02.01.01	252	01OCT01	30SEP02												
PO2440	309 BLDG MANAGEMENT ASSESSEMENTS	1.12.01.02.01.01	252	01OCT02	30SEP03												
PO2450	309 BLDG MANAGEMENT ASSESSEMENTS	1.12.01.02.01.01	253	01OCT03	30SEP04												
PO2520	309 BLDG ENVIRONMETAL COMPLIANCE	1.12.01.02.01.01	251	02OCT00	28SEP01												
PO2530	309 BLDG ENVIRONMETAL COMPLIANCE	1.12.01.02.01.01	252	01OCT01	30SEP02												
PO2540	309 BLDG ENVIRONMETAL COMPLIANCE	1.12.01.02.01.01	252	01OCT02	30SEP03												

Activity ID	Activity Description	WBS	Orig Dur	Early Start	Early Finish	FY01	FY02	FY03	FY04	FY05	Y06
PO2550	309 BLDG ENVIRONMENTAL COMPLIANCE	1.12.01.02.01.01	253	01OCT03	30SEP04						
PO3120	309 BLDG BUILDING OPERATIONS SURVEILLANCE	1.12.01.02.01.01	251	02OCT00	28SEP01						
PO3130	309 BLDG BUILDING OPERATIONS SURVEILLANCE	1.12.01.02.01.01	252	01OCT01	30SEP02						
PO3140	309 BLDG BUILDING OPERATIONS SURVEILLANCE	1.12.01.02.01.01	252	01OCT02	30SEP03						
PO3150	309 BLDG BUILDING OPERATIONS SURVEILLANCE	1.12.01.02.01.01	253	01OCT03	30SEP04						
PO3220	309 BLDG HEALTH PHYSICS SURVEILLANCE	1.12.01.02.01.01	251	02OCT00	28SEP01						
PO3230	309 BLDG HEALTH PHYSICS SURVEILLANCE	1.12.01.02.01.01	252	01OCT01	30SEP02						
PO3240	309 BLDG HEALTH PHYSICS SURVEILLANCE	1.12.01.02.01.01	252	01OCT02	30SEP03						
PO3250	309 BLDG HEALTH PHYSICS SURVEILLANCE	1.12.01.02.01.01	253	01OCT03	30SEP04						
PO4120	309 BLDG CORRECTIVE MAINTENANCE	1.12.01.02.01.01	251	02OCT00	28SEP01						
PO4130	309 BLDG CORRECTIVE MAINTENANCE	1.12.01.02.01.01	252	01OCT01	30SEP02						
PO4140	309 BLDG CORRECTIVE MAINTENANCE	1.12.01.02.01.01	252	01OCT02	30SEP03						
PO4150	309 BLDG CORRECTIVE MAINTENANCE	1.12.01.02.01.01	253	01OCT03	30SEP04						
PO4230	309 BLDG PREVENTIVE MAINTENANCE	1.12.01.02.01.01	251	02OCT00	28SEP01						
PO4240	309 BLDG PREVENTIVE MAINTENANCE	1.12.01.02.01.01	252	01OCT01	30SEP02						
PO4250	309 BLDG PREVENTIVE MAINTENANCE	1.12.01.02.01.01	252	01OCT02	30SEP03						
PO4260	309 BLDG PREVENTIVE MAINTENANCE	1.12.01.02.01.01	253	01OCT03	30SEP04						
PO4330	309 BLDG JOB PLANNING AND WORK CONTROL	1.12.01.02.01.01	251	02OCT00	28SEP01						
PO4340	309 BLDG JOB PLANNING AND WORK CONTROL	1.12.01.02.01.01	252	01OCT01	30SEP02						
PO4350	309 BLDG JOB PLANNING AND WORK CONTROL	1.12.01.02.01.01	252	01OCT02	30SEP03						
PO4360	309 BLDG JOB PLANNING AND WORK CONTROL	1.12.01.02.01.01	253	01OCT03	30SEP04						
TRANSITION 309 BUILDING											
TRANSITION TW TANK FARM											
PP0040	CLEANOUT/STABILIZE - TW TANK FARM	1.12.01.02.02.01	160	01OCT01	20MAY02						
PP0050	WASTE SHIPMENT - TW TANK FARM	1.12.01.02.02.01	180	01OCT01	18JUN02						
PP0060	CLOSEOUT - TW TANK FARM	1.12.01.02.02.01	50	21MAY02	31JUL02						

Activity ID	Activity Description	WBS	Orig Dur	Early Start	Early Finish	FY01	FY02	FY03	FY04	FY05	Y06
PP0065	STABILIZE PRTR TRANSFER WASTE HOLD B79-97-902	1.12.01.02.02.01	0		31JUL02			◆ B79-97-902			
PP0085	STABILIZE PRTR FUEL STORAGE BASIN CLEANOUT/STABILIZE - FUEL STORAGE BASIN	1.12.01.02.02.02	70	14JAN02*	22APR02			◆			
PP0090	WASTE SHIPMENT - FUEL STORAGE BASIN	1.12.01.02.02.02	45	23APR02	25JUN02			◆			
PP0100	CLOSEOUT TANK - FUEL STORAGE BASIN	1.12.01.02.02.02	40	26JUN02	21AUG02			◆			
PP0105	STABILIZE PRTR FUEL STORAGE BASIN B79-98-905	1.12.01.02.02.02	0		21AUG02			◆ B79-98-905			
PP0112	STABILIZE PRTR REACTOR CAVITY CLEANOUT MATERIALS - PRTR REACTOR CAVITY	1.12.01.02.02.03	61	01OCT01*	28DEC01			◆			
PP0120	WASTE SHIPMENT - PRTR REACTOR CAVITY	1.12.01.02.02.03	44	31DEC01	04MAR02			◆			
PP0130	CLOSEOUT - PRTR REACTOR CAVITY	1.12.01.02.02.03	39	05MAR02	26APR02			◆			
PP0165	STABILIZE PRTR FUEL TRANSFER PIT 18CLEANOUT/STABILIZE FY01 - FUEL TRANSFER PIT	1.12.01.02.02.05	57	02OCT00	21DEC00			◆			
PP0170	WASTE SHIPMENT - FUEL TRANSFER PIT	1.12.01.02.02.05	90	02OCT00	09FEB01			◆			
PP0180	CLOSEOUT - FUEL TRANSFER PIT	1.12.01.02.02.05	49	12FEB01	20APR01			◆			
PP0185	STABILIZE PRTR FUEL TRANSFER PIT B79-99-900	1.12.01.02.02.05	0		20APR01			◆ B79-99-900			
PP0190	CLEAN OUT BALANCE PRTR CONTAINMENT CHARACTERIZATION - BALANCE OF CONTAINMENT	1.12.01.02.02.06	90	02JAN02*	08MAY02			◆			
PP0200	CLEANOUT/STABILIZE - BALANCE OF CONTAINMENT	1.12.01.02.02.06	55	09MAY02	26JUL02			◆			
PP0210	WASTE SHIPMENT - BALANCE OF CONTAINMENT	1.12.01.02.02.06	90	09MAY02	16SEP02			◆			
PP0220	CLOSEOUT - BALANCE OF CONTAINMENT	1.12.01.02.02.06	45	29JUL02	30SEP02			◆			
PP0225	CLEAN OUT BALANCE PRTR CONTAINMENT B79-99-901	1.12.01.02.02.06	0		30SEP02			◆ B79-99-901			
PP0229	STABILIZE 309 BLDG STACKS AND PITS CHARACTERIZATION - HVAC STACKS AND PITS	1.12.01.02.02.07	55	15JUL02*	30SEP02			◆			
PP0230	CHARACTERIZATION - HVAC STACKS AND PITS	1.12.01.02.02.07	71	01OCT02	14JAN03			◆			
PP0240	CLEANOUT/STABILIZE - HVAC STACKS AND PITS	1.12.01.02.02.07	100	15JAN03	05JUN03			◆			
PP0250	Formally Shutdown Stack - HVAC STACKS AND PITS	1.12.01.02.02.07	61	06JUN03	02SEP03			◆			
PP0260	WASTE SHIPMENT - HVAC STACKS AND PITS	1.12.01.02.02.07	81	06JUN03*	30SEP03			◆			
PP0270	CLOSEOUT - HVAC STACKS AND PITS	1.12.01.02.02.07	38	07AUG03	30SEP03			◆			

Activity ID	Activity Description	WBS	Orig Dur	Early Start	Early Finish	FY01	FY02	FY03	FY04	FY05	Y06
PP0275	STABILIZE 309 BLDG STACKS AND PITS B79-99-902	1.12.01.02.02.07	0		30SEP03						
FACILITY DOCUMENT UPDATES											
PP0280	PREPARE S&M PLAN	1.12.01.02.02.08	149	01MAR02*	30SEP02						
PP0300	Final Safety Basis Review	1.12.01.02.02.08	149	01MAR02	30SEP02						
PP0320	Final Safety Basis Review	1.12.01.02.02.08	32	01OCT02	13NOV02						
PP0342	Facility Transition File Input	1.12.01.02.02.08	252	01OCT01*	30SEP02						
PP0343	Facility Transition File Input	1.12.01.02.02.08	252	01OCT02	30SEP03						
PP0344	Facility Transition File Input	1.12.01.02.02.08	188	01OCT03	29JUN04						
PP0380	Facility Drawing Updates	1.12.01.02.02.08	252	01OCT01*	30SEP02						
PP0382	Facility Drawing Updates	1.12.01.02.02.08	252	01OCT02	30SEP03						
PP0384	Facility Drawing Updates	1.12.01.02.02.08	252	01OCT03	29SEP04						
TRANSITION BLDG 309 TO SHUTDOWN											
PP0400	FFIF CLEANOUT ITEM MOCKUP	1.12.01.02.02.09	354	01OCT01*	27FEB03						
PP0420	Interior Cleanout - FY02	1.12.01.02.02.09	252	01OCT01*	30SEP02						
PP0422	Interior Cleanout - FY03	1.12.01.02.02.09	252	01OCT02	30SEP03						
PP0460	Electrical Deactivation - FY03	1.12.01.02.02.09	84	03JUN03*	30SEP03						
PP0470	ROOF REPAIR	1.12.01.02.02.09	64	01JUL02*	30SEP02						
PP0475	ROOF REPAIR	1.12.01.02.02.09	80	01OCT02*	27JAN03						
PP0480	Secure Facility	1.12.01.02.02.09	149	28FEB03*	29SEP03						
PP0490	Seal Facility Exterior	1.12.01.02.02.09	128	03MAR03*	29AUG03						
PP0510	TRANSITION BUILDING 309 TO SHUTDOWN B79-01-901	1.12.01.02.02.09	0		29JUN04						

Activity ID	Activity Description	WBS	Orig Dur	Early Start	Early Finish
WORK FOR OTHERS					
HQ					
PHMC					
NON-EM AF79					
FFTF Project					
TPO PROGRAM MANAGEMENT					
SB011	FY01 MISSION DECISION RESERVE	2.01.01.01.21.01.01.01.01	127	02APR01*	28SEP01
SB014	FY01 TPO PROGRAM MANAGEMENT	2.01.01.01.21.01.01.01.01	251	02OCT00	28SEP01
SB034	FY01 TPO TRAINING	2.01.01.01.21.01.01.01.01	251	02OCT00	28SEP01
SB049	FY01 TPO SAFETY AND STAFF MEETINGS	2.01.01.01.21.01.01.01.01	251	02OCT00	28SEP01
SB095	FY01 FEB ASSESSMENT	2.01.01.01.21.01.01.01.01	45	01FEB01*	05APR01
PROJECT CONTROL/PLANNING/SCHEDULING					
SB057	FY01 PLANNING/SCHEDULING MGMT.	2.01.01.01.21.01.01.01.02	251	02OCT00*	28SEP01
SB064	FY01 PROJECT CONTROL	2.01.01.01.21.01.01.01.02	251	02OCT00	28SEP01
SB074	FY01 MATERIAL CONTROL & ACCOUNTABILITY	2.01.01.01.21.01.01.01.02	251	02OCT00	28SEP01
SB084	FY01 FUEL CASK FIELD SUPPORT	2.01.01.01.21.01.01.01.02	251	02OCT00	28SEP01
SB093	FY01 ART GENERAL OPES. SUPPORT	2.01.01.01.21.01.01.01.02	251	02OCT00	28SEP01
SB099	FY01 PCP&S TRAINING AND SAFETY/STAFF MEETINGS	2.01.01.01.21.01.01.01.02	251	02OCT00*	28SEP01
SB157	FY01 CORRECTIVE ACTION MANAGEMENT	2.01.01.01.21.01.01.01.02	251	02OCT00*	28SEP01
INTERGRATION MANAGEMENT					
SB104	FY01 INTERGRATION MGMT.	2.01.01.01.21.01.01.01.03	251	02OCT00	28SEP01
SB114	FY01 SYSTEMS ENGINEERING	2.01.01.01.21.01.01.01.03	251	02OCT00	28SEP01

Start Date

Finish Date

Data Date

Run Date

01OCT98 ARBL

30SEP05

01OCT98

23OCT00 13:25

Advanced Reactors Transition

FFTF PROJECT

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Activity ID	Activity Description	WBS	Orig Dur	Early Start	Early Finish	FY00	FY01	FY02	FY03
SB116	FY01 SAFETY BASIS ADMINISTRATION	2.01.01.01.21.01.01.01.01.03	251	02OCT00	28SEP01				
SB118	FY01 INTERGRATION MGT STAFF/SAFETY MEETINGS	2.01.01.01.21.01.01.01.01.03	251	02OCT00	28SEP01				
SB119	FY01 INTERGRATION TRAINING	2.01.01.01.21.01.01.01.01.03	251	02OCT00	28SEP01				
ASSESSMENT ADMINISTRATION									
SB131	FY01 ASSESSMENT ADMINISTRATION AND MAINTENANCE	2.01.01.01.21.01.01.01.01.04	251	02OCT00	28SEP01				
SB141	FY01 SRID OUTSIDE SUPPORT	2.01.01.01.21.01.01.01.01.04	251	02OCT00	28SEP01				
PROJECT DIRECTOR'S OFFICE									
SP014	FY01 PLANT DIRECTOR'S OFFICE	2.01.01.01.21.01.01.01.01.05	251	02OCT00	28SEP01				
SP016	FY01 DIRECTOR'S OFFICE MEETINGS & TRAINING	2.01.01.01.21.01.01.01.01.05	251	02OCT00	28SEP01				
SP034	FY01 GENERAL FINANCIAL MANAGEMENT	2.01.01.01.21.01.01.01.01.05	251	02OCT00	28SEP01				
SP577	FFTF AVERAGE LABOR ADDER FY01	2.01.01.01.21.01.01.01.01.05	251	02OCT00	28SEP01				
CORRECTIVE ACTION MGMT ADMIN									
SB170	CORRECTIVE ACTION MGMT WMH FY01	2.01.01.01.21.01.01.01.01.11	251	02OCT00	28SEP01				
FFTF EIS SUPPORT									
SB952	PEIS FFTF PLANT SUPPORT FY01	2.01.01.01.21.01.01.01.01.13	191	02OCT00	05JUL01				
SB975	NEPA ROD	2.01.01.01.21.01.01.01.01.13	0		15DEC00				
FFTF HUMAN/INDUSTRIAL RELATIONS									
SB1052	FY01 HUMAN/INDUSTRIAL AND PROCUREMENT	2.01.01.01.21.01.01.01.01.14	251	02OCT00	28SEP01				
SB1062	FY01 MEDICAL/DOSIMITRY/COMMUNICATIO	2.01.01.01.21.01.01.01.01.14	251	02OCT00	28SEP01				
FFTF PHMC FEE									
SB043	FY01 FEE	2.01.01.01.21.01.01.01.01.20	251	02OCT00	28SEP01				
FFTF COMPUTER SUPPORT									
SB190	FY01 FFTF COMPUTER SUPPORT	2.01.01.01.21.01.01.01.01.21	251	02OCT00	28SEP01				
SPARE PARTS INVENTORY									
SK0022	FY01 SPARE PARTS INVENTORY CHANGE	2.01.01.01.21.01.01.01.03.01	251	02OCT00	28SEP01				
SPARE PARTS WITHDRAWAL/RETURNS									
SL0022	FY01 SPARES ADJUSTMENTS/EXCESS	2.01.01.01.21.01.01.01.03.02	251	02OCT00	28SEP01				
OPERATIONS MGMT & SUPPORT									
SA0014	FY01 OPS STAFF, SAFETY, OM/ASM, CREW MEET AY00	2.01.01.01.21.01.01.01.04.01	251	02OCT00	28SEP01				

Activity ID	Activity Description	WBS	Orig Dur	Early Start	Early Finish	FY00				FY01				FY02				FY03			
SA0024	FY01 OPS MANAGEMENT DIRECTION AA30	2.01.01.01.21.01.01.01.01.04.01	251	02OCT00	28SEP01																
SA0036	FY01 OPS TRAINING IMPLEMENTATION AH30	2.01.01.01.21.01.01.01.01.04.01	251	02OCT00	28SEP01																
SA0056	FY01 OPS TRAINING ATTENDANCE AH50	2.01.01.01.21.01.01.01.01.04.01	251	02OCT00	28SEP01																
SA0066	FY01 GENERAL PROCESS/PLANT OPERATIONS EA00	2.01.01.01.21.01.01.01.01.04.01	251	02OCT00	28SEP01																
SA0076	FY01 OPS SURVEILLANCE EB00	2.01.01.01.21.01.01.01.01.04.01	251	02OCT00	28SEP01																
SA0083	FY01 DO TEAM EJ00	2.01.01.01.21.01.01.01.01.04.01	251	02OCT00	28SEP01																
SA0096	FY01 OPS MAINTENANCE SUPPORT FA30	2.01.01.01.21.01.01.01.01.04.01	251	02OCT00	28SEP01																
SA0098	FY01 OPS ASSESSMENTS EE00	2.01.01.01.21.01.01.01.01.04.01	251	02OCT00*	28SEP01																
SA0099	FY01 OPS OVERSIGHT/SRIDS CB70	2.01.01.01.21.01.01.01.01.04.01	251	02OCT00*	28SEP01																
OPES ANALYSIS & SUPPORT																					
SM0836	FY01 EMERGENCY PREPAREDNESS	2.01.01.01.21.01.01.01.01.04.03	251	02OCT00	28SEP01																
SM0856	FY01 CRITICALITY SAFETY	2.01.01.01.21.01.01.01.01.04.03	251	02OCT00	28SEP01																
SM0874	FY01 FFIF TSPEC COMPLIANCE ADMINISTRATION	2.01.01.01.21.01.01.01.01.04.03	251	02OCT00	28SEP01																
SM0894	FY01 SYSTEM PROCEDURE MAINTENANCE	2.01.01.01.21.01.01.01.01.04.03	251	02OCT00	28SEP01																
SM0914	FY01 PM/CRS ADMINISTRATION	2.01.01.01.21.01.01.01.01.04.03	251	02OCT00	28SEP01																
SM0934	FY01 A&S SUPPORT SERVICES	2.01.01.01.21.01.01.01.01.04.03	251	02OCT00	28SEP01																
SM0957	FY01 A&S MANAGEMENT ADMINISTRATION	2.01.01.01.21.01.01.01.01.04.03	251	02OCT00	28SEP01																
FFTF TRAINING MGT. SUPPORT																					
ST014	FY01 TRAINING MGMT SERVICES & GENERAL ADMIN	2.01.01.01.21.01.01.01.01.04.04	251	02OCT00	28SEP01																
ST024	FY01 TRAINING PROGRAM ADMINISTRATION	2.01.01.01.21.01.01.01.01.04.04	251	02OCT00	28SEP01																
ST034	FY01 TRAINING DEVELOPMENT	2.01.01.01.21.01.01.01.01.04.04	251	02OCT00	28SEP01																
ST044	FY01 TRAINING IMPLEMENTATION	2.01.01.01.21.01.01.01.01.04.04	251	02OCT00	28SEP01																
ST053	FY01 TRAINING EVALUATION	2.01.01.01.21.01.01.01.01.04.04	251	02OCT00	28SEP01																
ST057	FY01 TRAINING ATTENDANCE	2.01.01.01.21.01.01.01.01.04.04	251	02OCT00	28SEP01																
ST057A	FY01 OPES SURVEILLANCES	2.01.01.01.21.01.01.01.01.04.04	251	02OCT00	28SEP01																
OPES CONSUMABLES																					
SA0102	FY01 FUEL OIL, NITRO, ARGON, CHEM, RADIOS & ELEC	2.01.01.01.21.01.01.01.01.04.07	251	02OCT00*	28SEP01																

Activity ID	Activity Description	WBS	Orig Dur	Early Start	Early Finish	FY00	FY01	FY02	FY03
SOE PLANT OPERATIONS									
SA0112	FY01 SOE MEETINGS	2.01.01.01.21.01.01.01.04.08	251	02OCT00	28SEP01		▲		
SA0122	FY01 SOE PROGRAM MANAGEMENT	2.01.01.01.21.01.01.01.04.08	251	02OCT00	28SEP01		▲		
SA0132	FY01 SOE TRAINING IMPLEMENTATION	2.01.01.01.21.01.01.01.04.08	251	02OCT00	28SEP01		▲		
SA0142	FY01 SOE TRAINING ATTENDANCE	2.01.01.01.21.01.01.01.04.08	251	02OCT00	28SEP01		▲		
SA0152	FY01 SOE GENERAL PROCESS/PLANT OPERATIONS	2.01.01.01.21.01.01.01.04.08	251	02OCT00	28SEP01		▲		
SA0162	FY01 SOE SURVEILLANCE	2.01.01.01.21.01.01.01.04.08	251	02OCT00	28SEP01		▲		
SA0172	FY01 SOE WORK CONTROL/CORRECTIVE	2.01.01.01.21.01.01.01.04.08	251	02OCT00	28SEP01		▲		
EDS PLANT OPERATIONS									
SA0212	FY01 EDS MEETINGS	2.01.01.01.21.01.01.01.04.09	251	02OCT00	28SEP01		▲		
SA0222	FY01 EDS PROGRAM MANAGEMENT	2.01.01.01.21.01.01.01.04.09	251	02OCT00	28SEP01		▲		
SA0232	FY01 EDS TRAINING IMPLEMENTATION	2.01.01.01.21.01.01.01.04.09	251	02OCT00	28SEP01		▲		
SA0242	FY01 EDS TRAINING ATTENDANCE	2.01.01.01.21.01.01.01.04.09	251	02OCT00	28SEP01		▲		
SA0245	FY01 EDS SAFETY OVERSIGHT	2.01.01.01.21.01.01.01.04.09	251	02OCT00*	28SEP01		▲		
SA0252	FY01 EDS GENERAL PROCESS/PLANT OPERATIONS	2.01.01.01.21.01.01.01.04.09	251	02OCT00	28SEP01		▲		
SA0262	FY01 EDS SURVEILLANCE	2.01.01.01.21.01.01.01.04.09	251	02OCT00	28SEP01		▲		
SA0271	FY01 EDS WORK CONTROL/CORRECTIVE	2.01.01.01.21.01.01.01.04.09	251	02OCT00	28SEP01		▲		
TECHNICAL SUPPORT ADMINISTRATION									
SM0820	FY01 FFIF TECHNICAL SUPPORT ADMIN	2.01.01.01.21.01.01.01.04.10	251	02OCT00*	28SEP01		▲		
RADIOLOGICAL MANAGEMENT SUPPORT									
RC0014	FY01 RAD CONTROL PROGRAM MAN - AA30	2.01.01.01.21.01.01.01.05.01	251	02OCT00	28SEP01		▲		
RC0018	FY01 RAD MAT. CONTROL & ACT - AJ60	2.01.01.01.21.01.01.01.05.01	251	02OCT00	28SEP01		▲		
RC0024	FY01 RAD. CTRL. TRAINING - AH50	2.01.01.01.21.01.01.01.05.01	251	02OCT00	28SEP01		▲		
RC0028	FY01 RAD. CTRL. MEETINGS - AY10	2.01.01.01.21.01.01.01.05.01	251	02OCT00	28SEP01		▲		
RC0034	FY01 RADIOLOGICAL PROTECTION - CB10	2.01.01.01.21.01.01.01.05.01	251	02OCT00	28SEP01		▲		
RC0044	FY01 RAD CONTROL GEN/PLT OPS - EA00	2.01.01.01.21.01.01.01.05.01	251	02OCT00	28SEP01		▲		
RC0064	FY01 RAD CONTROL SURVEILLANCE - EB00	2.01.01.01.21.01.01.01.05.01	251	02OCT00	28SEP01		▲		

Activity ID	Activity Description	WBS	Orig. Dur	Early Start	Early Finish	FY00	FY01	FY02	FY03
RC0069	FY01 RAD PROTECTION - INSTR CALIB/PROCURE - FA10	2.01.01.01.21.01.01.01.05.01	251	02OCT00	28SEP01				
RC0074	FY01 RAD CONTROL CORRECTIVE MAINT - FA20	2.01.01.01.21.01.01.01.05.01	251	02OCT00	28SEP01				
ENVIRONMENTAL SUPPORT									
SC014	FY01 ENVIRONMENTAL TRAINING	2.01.01.01.21.01.01.01.05.02	251	02OCT00	28SEP01				
SC024	FY01 INCIDENT EVALUATION	2.01.01.01.21.01.01.01.05.02	251	02OCT00	28SEP01				
SC034	FY01 ENVIRONMENTAL PLANNING	2.01.01.01.21.01.01.01.05.02	251	02OCT00	28SEP01				
SC044	FY01 ENVIRONMENTAL PERMITTING	2.01.01.01.21.01.01.01.05.02	251	02OCT00	28SEP01				
SC054	FY01 FACLT. ENVRO. COMPLIANCE & NEAR FIELD MONT.	2.01.01.01.21.01.01.01.05.02	251	02OCT00	28SEP01				
SC064	FY01 ENVIRONMENTAL REPORTING AND MONITORING	2.01.01.01.21.01.01.01.05.02	251	02OCT00	28SEP01				
SC074	FY01 CHEMICAL MANAGEMENT	2.01.01.01.21.01.01.01.05.02	251	02OCT00	28SEP01				
SAMPLING & LAB SUPPORT/LL & WASTE DISPOSAL									
SC083	FY01 SAMPLING AND LAB/ROUTINE COMPLIANCE	2.01.01.01.21.01.01.01.05.03	251	02OCT00	28SEP01				
SC113	FY01 LLW DISPOSAL	2.01.01.01.21.01.01.01.05.03	19	04SEP01*	28SEP01				
SC228	FY01 PKG. & SHIP RAD & HAZ. WASTE	2.01.01.01.21.01.01.01.05.03	251	02OCT00	28SEP01				
WASTE CHARACTERIZATION SUPPORT									
SC093	FY01 WASTE CHARACTERIZATION	2.01.01.01.21.01.01.01.05.04	251	02OCT00	28SEP01				
WSMP & WMTS & WIDS									
SC232	FY01 WASTE SITES MANAGEMENT PROGRAM	2.01.01.01.21.01.01.01.05.05	251	02OCT00*	28SEP01				
SC236	FY01 FH ONSITE TRANSPORTATION & PACKAGING -EF00	2.01.01.01.21.01.01.01.05.05	251	02OCT00*	28SEP01				
SC546	FY01 WIDS SUPPORT	2.01.01.01.21.01.01.01.05.05	251	02OCT00*	28SEP01				
SAFETY PROGRAM MANAGEMENT									
SF014	FY01 SAFETY PROGRAM MANAGEMENT	2.01.01.01.21.01.01.01.05.08	251	02OCT00	28SEP01				
SF024	FY01 SAFETY INDUSTRIAL HYGIENE	2.01.01.01.21.01.01.01.05.08	251	02OCT00	28SEP01				
SF034	FY00 SAFETY FIRE PROTECTION	2.01.01.01.21.01.01.01.05.08	251	02OCT00	28SEP01				
SF044	FY01 SAFETY/NUCLEAR	2.01.01.01.21.01.01.01.05.08	251	02OCT00	28SEP01				
SF054	FY01 SAFETY/INDUSTRIAL	2.01.01.01.21.01.01.01.05.08	251	02OCT00	28SEP01				
SF063	FY01 SAFETY TRAINING	2.01.01.01.21.01.01.01.05.08	251	02OCT00	28SEP01				
SF065	FY01 SAFETY/CHEMICAL MGT. SUPPORT	2.01.01.01.21.01.01.01.05.08	251	02OCT00*	28SEP01				

Activity ID	Activity Description	WBS	Orig Dur	Early Start	Early Finish	FY00	FY01	FY02	FY03
SF067	FY01 SAFETY / SUPPORT FOR OTHERS	2.01.01.01.21.01.01.01.05.08	251	02OCT00*	28SEP01				
SF069	FY01 SAFETY / OUT SIDE SUPPORT TO FTF	2.01.01.01.21.01.01.01.05.08	251	02OCT00*	28SEP01				
QUALITY ASSURANCE									
SF083	FY01 QUALITY ASSURANCE	2.01.01.01.21.01.01.01.05.09	251	02OCT00	28SEP01				
SF085	FY01 QA/QC MAINTENANCE SUPPORT	2.01.01.01.21.01.01.01.05.09	251	02OCT00	28SEP01				
SF087	FY01 QA/QC SAFETY/STAFF MEETINGS & TRAINING	2.01.01.01.21.01.01.01.05.09	251	02OCT00*	28SEP01				
ENGINEERING MGMT SUPPORT									
A2014	FY01 ART ENG MGT & ADMINISTRATION	2.01.01.01.21.01.01.01.06.01	251	02OCT00	28SEP01				
A2042	FY01 ART ENGINEERING MGT. TRAINING	2.01.01.01.21.01.01.01.06.01	251	02OCT00	28SEP01				
A2044	FY01 ART ENGINEERING MGT. MEETINGS	2.01.01.01.21.01.01.01.06.01	251	02OCT00	28SEP01				
ELECTRICAL SYSTEMS ENGINEERING									
SE0014	FY01 ESE ADMINISTRATIVE SUPPORT	2.01.01.01.21.01.01.01.06.02	251	02OCT00	28SEP01				
SE0024	FY01 ESE TRAINING ATTENDANCE	2.01.01.01.21.01.01.01.06.02	251	02OCT00	28SEP01				
SE0034	FY01 ESE GENERAL ENGINEERING	2.01.01.01.21.01.01.01.06.02	251	02OCT00	28SEP01				
SE0044	FY01 PERFORM NEC INSPECTION- REVIEW & OVERSITE	2.01.01.01.21.01.01.01.06.02	251	02OCT00	28SEP01				
SE0054	FY01 ESE PREVENTIVE/PREDICTIVE	2.01.01.01.21.01.01.01.06.02	251	02OCT00	28SEP01				
SE0064	FY01 ESE CORRECTIVE MAINTENANCE WORK	2.01.01.01.21.01.01.01.06.02	251	02OCT00	28SEP01				
SE0071	FY01 TELECOMMUNICATIONS PO	2.01.01.01.21.01.01.01.06.02	251	02OCT00	28SEP01				
FTF MECHANICAL ENGINEERING SUPPORT									
SD0014	FY01 MECHANICAL ENGINEERING PROGRAM MANAGEMENT	2.01.01.01.21.01.01.01.06.03	251	02OCT00	28SEP01				
SD0024	FY01 MECHANICAL ENGINEERING TRAINING ATTENDANCE	2.01.01.01.21.01.01.01.06.03	251	02OCT00	28SEP01				
SD0034	FY01 GENERAL ENGINEERING - MECHANICAL ENG	2.01.01.01.21.01.01.01.06.03	251	02OCT00	28SEP01				
SD0044	FY01 OPERATIONAL PROCEDURES - MECH ENGINEERING	2.01.01.01.21.01.01.01.06.03	251	02OCT00	28SEP01				
SD0054	FY01 FIELD SUPERVISION/PIC ACTIVITIES - MECH ENG	2.01.01.01.21.01.01.01.06.03	251	02OCT00	28SEP01				
SD0064	FY01 PREVENTIVE/PREDICTIVE MAINT - MECH ENG	2.01.01.01.21.01.01.01.06.03	251	02OCT00	28SEP01				
SD0074	FY01 CORRECTIVE MAINTENANCE - MECH ENGINEERING	2.01.01.01.21.01.01.01.06.03	251	02OCT00	28SEP01				

Activity ID	Activity Description	WBS	Orig Dur	Early Start	Early Finish	FY00	FY01	FY02	FY03
MSE ENGINEERING MGMT SUPPORT									
A0014	FY01 MSE ENG PROGRAM MANAGEMENT	2.01.01.01.21.01.01.01.06.04	251	02OCT00	28SEP01		▲		
A0024	FY01 FACILITY & GENERAL TRAINING ATTENDANCE	2.01.01.01.21.01.01.01.06.04	251	02OCT00	28SEP01		▲		
A0044	FY01 MSE GENERAL ENGINEERING	2.01.01.01.21.01.01.01.06.04	251	02OCT00	28SEP01		▲		
A0064	FY01 OPERATING PROCEDURES	2.01.01.01.21.01.01.01.06.04	251	02OCT00	28SEP01		▲		
A0074	FY01 CONFIGURATION MANAGEMENT	2.01.01.01.21.01.01.01.06.04	251	02OCT00	28SEP01		▲		
A0084	FY01 FIELD SUPERVISION/PIC ACTIVITIES	2.01.01.01.21.01.01.01.06.04	251	02OCT00	28SEP01		▲		
A0094	FY01 MSE ENGINEERING STANDARDS & PROCEDURES	2.01.01.01.21.01.01.01.06.04	251	02OCT00	28SEP01		▲		
A0104	FY01 PREVENTATIVE MAINTENANCE SUPPORT	2.01.01.01.21.01.01.01.06.04	251	02OCT00	28SEP01		▲		
A0114	FY01 CORRECTIVE MAINT/MODIFICATIONS SUPPORT	2.01.01.01.21.01.01.01.06.04	251	02OCT00	28SEP01		▲		
A0117	FY01 MSE SYSTEM DOCUMENTATION	2.01.01.01.21.01.01.01.06.04	251	02OCT00	28SEP01		▲		
MAINTENANCE SUPPORT									
SN0744	FFTF PM's LABOR FY01 - FA10	2.01.01.01.21.01.01.01.07.01	251	02OCT00	28SEP01		▲		
SN0734	FY01 GENERAL MAINTENANCE - B000	2.01.01.01.21.01.01.01.07.01	251	02OCT00	28SEP01		▲		
SN0744	FY01 MAINTENANCE TRAINING ATTENDANCE - AH50	2.01.01.01.21.01.01.01.07.01	251	02OCT00	28SEP01		▲		
SN075E	FY01 CORRECTIVE MAINTENANCE FY01 - FA20	2.01.01.01.21.01.01.01.07.01	251	02OCT00	28SEP01		▲		
SN075F	B10-01-000 HEALTH OF FACILITY WORKPHASE 01-1	2.01.01.01.21.01.01.01.07.01	0		31JAN01*		◆ B10-01-000		
SN075G	B10-01-001 HEALTH OF FACILITY WORKPHASE 01-2	2.01.01.01.21.01.01.01.07.01	0		31MAY01*		◆ B10-01-001		
SN075H	B10-01-002 HEALTH OF FACILITY WORKPHASE 01-3	2.01.01.01.21.01.01.01.07.01	0		28SEP01*		◆ B10-01-002		
SN075J	FY01 PREVENTIVE MAINTENANCE - OUTSIDE - FA10	2.01.01.01.21.01.01.01.07.01	251	02OCT00*	28SEP01		▲		
SN0763	FY01 MATERIAL - FA20	2.01.01.01.21.01.01.01.07.01	251	02OCT00	28SEP01		▲		
SN0770	FY01 MAINT FIELD SUPERVISION AND PIC ACT - BD00	2.01.01.01.21.01.01.01.07.01	251	02OCT00	28SEP01		▲		
SN0780	FY01 WORK CONTROL CENTER - FA30	2.01.01.01.21.01.01.01.07.01	251	02OCT00	28SEP01		▲		
SN0798	FY01 FTTF PEST CONTROL - FA10	2.01.01.01.21.01.01.01.07.01	251	02OCT00	28SEP01		▲		
FMEFS & M SUPPORT									
FM0217	FMEF FY01 PROVIDE ELECTRICITY	2.01.01.01.21.01.01.01.08.01	251	02OCT00	28SEP01		▲		

Activity ID	Activity Description	WBS	Orig Dur	Early Start	Early Finish	FY00	FY01	FY02	FY03
FM0417	FMEF FY01 ELEVATOR MAINTENANCE CONTRACT	2.01.01.01.21.01.01.01.08.01	251	02OCT00	28SEP01				
FM0517	FMEF FY01 THIRD PARTY INSPECTION	2.01.01.01.21.01.01.01.08.01	251	02OCT00	28SEP01				
FM0712	FMEF FY01 PEST CONTROL SERVICE	2.01.01.01.21.01.01.01.08.01	251	02OCT00*	28SEP01				
FUEL HANDLING SUPPORT									
DE0902	CUSTODIAL SUPPORT OF HDTS DATA BASES FY01	2.01.01.01.21.01.01.02.01.02	251	02OCT00	28SEP01				
DE2074	FY01 FUEL HANDLING I&C PROG. MGMT	2.01.01.01.21.01.01.02.01.02	251	02OCT00	28SEP01				
DE2084	FY01 FUEL HANDLING FACILITY TRAINING	2.01.01.01.21.01.01.02.01.02	251	02OCT00	28SEP01				
DE2104	FY01 FUEL HANDLING GENERAL ENGINEERING	2.01.01.01.21.01.01.02.01.02	251	02OCT00	28SEP01				
DE2124	FY01 FUEL HANDLING OPNS PROC.	2.01.01.01.21.01.01.02.01.02	251	02OCT00	28SEP01				
DE2134	FY01 FUEL HANDLING MEETINGS	2.01.01.01.21.01.01.02.01.02	251	02OCT00	28SEP01				
DE2144	FY01 FUEL HANDLING CONFIG. MGMT	2.01.01.01.21.01.01.02.01.02	251	02OCT00	28SEP01				
DE2154	FY01 FUEL HANDLING SYSTEM DOCUMENTATION	2.01.01.01.21.01.01.02.01.02	251	02OCT00	28SEP01				
DE2164	FY01 FUEL HANDLING PIC	2.01.01.01.21.01.01.02.01.02	251	02OCT00	28SEP01				
DE2174	FY01 FUEL HANDLING PMP/ICRS	2.01.01.01.21.01.01.02.01.02	251	02OCT00	28SEP01				
DE2184	FY01 FUEL HANDLING CORRECTIVE MAINTENANCE	2.01.01.01.21.01.01.02.01.02	251	02OCT00	28SEP01				
DE2304	FY01 DOCUMENT CONTROL & ADMINISTRATION	2.01.01.01.21.01.01.02.01.02	251	02OCT00	28SEP01				
DE2306	FY01 MAINTENANCE OF PHYSICS CODES	2.01.01.01.21.01.01.02.01.02	251	02OCT00*	28SEP01				
SWC SUPPORT									
SH160	B19-99-404 UPGRADE THE SOLID WASTE CASK (SWC)	2.01.01.01.21.01.01.02.02.02	0		29MAR02				
SH174	SWC - DETAILED DESIGN FY01	2.01.01.01.21.01.01.02.02.02	188	02OCT00*	29JUN01				
SH175	B19-00-400 DEFINITIVE DESIGN FOR THE SWC	2.01.01.01.21.01.01.02.02.02	0		29JUN01				
SH176	SWC - PROCUREMENT FY01	2.01.01.01.21.01.01.02.02.02	63	02JUL01	28SEP01				
SH177	SWC - FABRICATION FY01	2.01.01.01.21.01.01.02.02.02	63	02JUL01	28SEP01				
SH180	SWC - PROCUREMENT FY02	2.01.01.01.21.01.01.02.02.02	62	01OCT01	31DEC01				
SH182	SWC - FABRICATION FY02	2.01.01.01.21.01.01.02.02.02	62	01OCT01	31DEC01				

◆ B19-99-404

◆ B19-00-400

Activity ID	Activity Description	WBS	Orig Dur	Early Start	Early Finish	FY00	FY01	FY02	FY03
FUELING HANDLING ENG. ADMIN. SUPPORT									
SH014	FY01 FHE GEN ADMIN & PROJECT MGMT	2.01.01.01.21.01.01.02.05.01	251	02OCT00	28SEP01				
SH024	FY01 FHE FACILITY TRAINING	2.01.01.01.21.01.01.02.05.01	251	02OCT00	28SEP01				
SH044	FY01 FHE GENERAL ENGINEERING	2.01.01.01.21.01.01.02.05.01	251	02OCT00	28SEP01				
SH054	FY01 FHE ENGINEERING STUDIES	2.01.01.01.21.01.01.02.05.01	251	02OCT00	28SEP01				
SH064	FY01 FHE OPNS PROC.	2.01.01.01.21.01.01.02.05.01	251	02OCT00	28SEP01				
SH084	FY01 FHE CONFIGURATION MANAGEMENT	2.01.01.01.21.01.01.02.05.01	251	02OCT00	28SEP01				
SH094	FY01 FHE SYSTEM DOCUMENTATION	2.01.01.01.21.01.01.02.05.01	251	02OCT00	28SEP01				
SH104	FY01 FHE PIC	2.01.01.01.21.01.01.02.05.01	251	02OCT00	28SEP01				
SH114	FY01 FHE PMP/CRS	2.01.01.01.21.01.01.02.05.01	251	02OCT00	28SEP01				
SH124	FY01 FHE CORRECTIVE MAINTENANCE	2.01.01.01.21.01.01.02.05.01	251	02OCT00	28SEP01				
SH126	FY01 FHE SAFETY AND STAFF MEETINGS	2.01.01.01.21.01.01.02.05.01	251	02OCT00	28SEP01				
SH128	FY01 FHE FSAR	2.01.01.01.21.01.01.02.05.01	251	02OCT00	28SEP01				
SRS C1167 SUPPORT									
DE2220	SRS C1167 - CONSTRUCTION	2.01.01.01.21.01.01.02.06.01	186	02OCT00*	27JUN01				
DE2222	SRS C1167 - AS BUILDING	2.01.01.01.21.01.01.02.06.01	25	28JUN01*	02AUG01				
DE2224	SRS C1167 - SOFTWARE TESTING	2.01.01.01.21.01.01.02.06.01	251	02OCT00*	28SEP01				
DE2226	SRS C1167 - CG & A TESTING	2.01.01.01.21.01.01.02.06.01	62	28JUN01	25SEP01				
DE2230	B19-00-402 SRS CONTROL SYSTEM CONSTRUCTION	2.01.01.01.21.01.01.02.06.01	0		27JUN01				
DE2240	SRS C1167 - ACCEPTANCE TESTING	2.01.01.01.21.01.01.02.06.01	122	28JUN01*	20DEC01				
DE2255	SRS C1167 - OPERATIONAL READINESS	2.01.01.01.21.01.01.02.06.01	24	21DEC01	28JAN02				
R3 PROJECT									
SH500	FY01 R3 PROJECT	2.01.01.01.21.01.01.02.07.01	251	02OCT00*	28SEP01				

APPENDIX B

USAGE AND COSTS

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ACT ID	CACN	ACTIVITY DESCRIPTION	CAPN	BUDGET COA	PERF ORG	RES DESCRIPTION	BUDGET QUANTITY	RES UNITS	BUDGET COST
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LE0025	101542	N&K REMOVAL - 337 LOOP CLEAN-UP FY01	1B1C21 1B1C21	GB00 GB00	IC240 IC240	HE07E 94P	PHMC/PHMC PHMC/PHMC FFS	Engineer	\$	HRS
								110.00		7479
								16.00		19196
								-----		26675

RESOURCE ALLOCATION/Cost by Activity Report
309 BUILDING FACILITY

ACT ID	CACN	ACTIVITY DESCRIPTION	CAPN	BUDGET COA	PERF ORG	RES	RES DESCRIPTION	BUDGET QUANTITY	RES UNITS	BUDGET COST
PO1140	101547	309 BLDG MANAGEMENT AND SUPPORT FY01	1B1D01	A010	1B300	BG04N	PHMC/RC - Secretaries	230.00	HRS	7277
			1B1D01	AA30	1B300	BM02E	PHMC/RC - Managers & Executive	300.00	HRS	27870
PO1142	101547	309 BLDG MANAGEMENT AND SUPPORT FY01	1B1D01	AA30	1B300	BM02E	PHMC/RC - Managers & Executive	260.00	HRS	24154
			1B1D01	A010	1B300	BG02N	PHMC/RC - Office Clerks/Genera	100.00	HRS	3028
PO1144	101547	309 BLDG MANAGEMENT AND SUPPORT FY01	1B1D01	AH10	1B300	BM02E	PHMC/RC - Managers & Executive	40.00	HRS	3716
			1B1D01	AA30	1B300	BM02E	PHMC/RC - Managers & Executive	100.00	HRS	9290
PO1220	101547	309 BLDG TRAINING	1B1D01	A010	1B300	BG02N	PHMC/RC - Office Clerks/Genera	100.00	HRS	3028
			1B1D01	AH50	1B300	41P	PHMC/PHMC Training Services	5.00	\$	5999
			1B1D01	AH50	1B300	BE07E	PHMC/RC - Mechanical Engineers	80.00	HRS	6114
			1B1D01	AH50	1B300	BE10E	PHMC/RC - Plant Engineers	80.00	HRS	4630
			1B1D01	AH50	1B300	BP08E	PHMC/RC - Health Physicists	40.00	HRS	2727
			1B1D01	AH50	BT05B	PHMC/RC - Health Physics Techn	60.00	HRS	3216	
			1B1D01	AH50	1B300	BR04B	PHMC/RC - Nuclear Plant Operat	60.00	HRS	3361
			1B1D01	AH20	1B300	BP15E	PHMC/RC - Trainers & Instructo	50.00	HRS	2897
PO1320	101547	309 BLDG BASELINE CONTROL/PBS/MYPP	1B1D01	AQ00	1B300	BE07E	PHMC/RC - Mechanical Engineers	160.00	HRS	12227
			1B1D01	AQ00	1B300	BP01E	PHMC/RC - Accountants & Audito	360.00	HRS	20034
			1B1D01	AQ00	4J600	HE08E	PHMC/PHMC - Nuclear Engineers	146.00	HRS	9559
			1B1D01	AQ00	1C400	HE04E	PHMC/PHMC - Electrical Enginee	160.00	HRS	10365
			1B1D01	AQ00	1C400	HP07E	PHMC/PHMC - Planner/Sched/Est	80.00	HRS	4176
PO1420	101547	309 BLDG UTILITIES AND ASSESSEMENTS	1B1D01	A020	1B300	5EP	PHMC/PHMC BPA Redistribution	8.40	\$	10078
			1B1D01	FE00	1B300	93P	PHMC/PHMC WMNW	5.60	\$	6719
			1B1D01	A020	1B300	10P	PHMC/PHMC Material & Equipment	11.10	\$	14383
			1B1D01	A020	1B300	4VP	PHMC/PHMC Fleet	3.00	\$	3599
			1B1D01	AA40	1B300	71M	PHMC Fee Assessments - Unburde	60.00	\$	60000
			1B1D01	BC40	1B300	94P	PHMC/PHMC FFS	19.50	\$	23396
			1B1D01	CB10	1B300	3DP	PHMC/PHMC Other Hanford Contrs	7.20	\$	8638
			1B1D01	FF10	1B300	23P	PHMC/PHMC Misc Purch Srvs-Taxe	7.90	\$	9478
			1B1D01	EA00	1B300	23P	PHMC/PHMC Misc Purch Srvs-Taxe	8.25	\$	9898
			1B1D01	A020	65F00	23P	PHMC/PHMC Misc Purch Srvs-Taxe	16.25	\$	19496
PO2220	101547	309 BLDG PROCEDURE PREPERATION AND MAINT	1B1D01	AJ70	1B300	97P	PHMC/PHMC LMSI	2.00	\$	2520
			1B1D01	BC10	1B300	BE10E	PHMC/RC - Plant Engineers	50.00	HRS	2894
			1B1D01	BC10	1B300	BE07E	PHMC/RC - Mechanical Engineers	100.00	HRS	7642
PO2320	101547	309 BLDG INDEPENDENT OVERSITE	1B1D01	AL20	1BD00	BE11E	PHMC/RC - Quality Control Engi	40.00	HRS	2778
			1B1D01	CB70	1BD00	BE12E	PHMC/RC - Safety Engineers	140.00	HRS	9724
			1B1D01	CB20	1BD00	BP09E	PHMC/RC - In Hygienists	40.00	HRS	2680
			1B1D01	CB30	1BD00	BE13E	PHMC/RC - Other Engineers	40.00	HRS	2993
PO2420	101547	309 BLDG MANAGEMENT ASSESSMENTS	1B1D01	AK10	1BD00	BE12E	PHMC/RC - Safety Engineers	40.00	HRS	2778
			1B1D01	AK10	1BD00	BE05E	PHMC/RC - Environmental Engine	80.00	HRS	5741
			1B1D01	AK10	1BD00	BE11E	PHMC/RC - Quality Control Engi	80.00	HRS	5557
			1B1D01	AK10	1B300	BP08E	PHMC/RC - Health Physicists	120.00	HRS	8182
PO2520	101547	309 BLDG ENVIRONEMNTAL COMPLIANCE	1B1D01	CA40	1B300	BE07E	PHMC/RC - Mechanical Engineers	80.00	HRS	6114
			1B1D01	CA40	1BD00	BE05E	PHMC/RC - Environmental Engine	80.00	HRS	5741
PO3120	101547	309 BLDG BUILDING OPERATIONS SURVEILLANCE	1B1D01	EB00	1B300	BE10E	PHMC/RC - Plant Engineers	130.00	HRS	7524
			1B1D01	EB00	1B300	BE07E	PHMC/RC - Mechanical Engineers	120.00	HRS	9170
			1B1D01	CB10	1B300	BR04B	PHMC/RC - Nuclear Plant Operat	470.00	HRS	26329
PO3220	101547	309 BLDG HEALTH PHYSICS SURVEILLANCE	1B1D01	CB10	1B300	BP08E	PHMC/RC - Health Physicists	200.00	HRS	13636
			1B1D01	CB10	1B300	BT05B	PHMC/RC - Health Physics Techn	400.00	HRS	21440
			1B1D01	CB10	1B300	BR04B	PHMC/RC - Nuclear Plant Operat	120.00	HRS	6722

PO4120	101547	309 BLDG CORRECTIVE MAINTENANCE	1B1D01	FA20	1B300	10P	PHMC/PHMC Material & Equipment	4.63	\$	5999
			1B1D01	FA20	1B300	BR04B	PHMC/RC - Nuclear Plant Operat	198.00	HRS	11092
			1B1D01	FA20	1B300	BT05B	PHMC/RC - Health Physics Techn	120.00	HRS	6432
			1B1D01	BD00	1B300	BE10E	PHMC/RC - Plant Engineers	225.00	HRS	13023
			1B1D01	B000	1B300	BE07E	PHMC/RC - Mechanical Engineers	125.00	HRS	9553
			1B1D01	FA20	65600	CC00B	PHMC/DynC - Crafts	240.00	HRS	14779
			1B1D01	CA40	1B000	BE05E	PHMC/RC - Environmental Engine	30.00	HRS	2153
PO4230	101547	309 BLDG PREVENTIVE MAINTENANCE	1B1D01	FA10	1B300	44P	PHMC/PHMC Crane/Rigging-Lab/Eq	6.00	\$	7199
			1B1D01	FA10	1B300	BT05B	PHMC/RC - Health Physics Techn	100.00	HRS	5360
			1B1D01	EA00	1B300	BE04E	PHMC/RC - Electrical Engineers	110.00	HRS	8009
			1B1D01	BD00	1B300	BE10E	PHMC/RC - Plant Engineers	225.00	HRS	13023
			1B1D01	FA10	1B300	BE07E	PHMC/RC - Mechanical Engineers	225.00	HRS	17195
			1B1D01	FA10	65400	CL07B	PHMC/DynC - Light Vehicle Driv	32.00	HRS	1593

RESOURCE ALLOCATION/Cost by Activity Report
309 BUILDING FACILITY

ACT ID	CACN	ACTIVITY DESCRIPTION	CAPN	BUDGET COA	PERF ORG	RES DESCRIPTION	BUDGET QUANTITY	RES UNITS	BUDGET COST	
P04330	101547	309 BLDG JOB PLANNING AND WORK CONTROL	1B1D01	FA30	1B300	BE13E	PHMC/RC - Other Engineers	208.00	HRS	15565
			1B1D01	EJ00	1B300	BE04E	PHMC/RC - Electrical Engineers	80.00	HRS	5825
			1B1D01	EJ00	1B300	BE07E	PHMC/RC - Mechanical Engineers	580.00	HRS	44324
			1B1D01	EJ00	1B300	BE10E	PHMC/RC - Plant Engineers	600.00	HRS	34728
			1B1D01	EJ00	1B300	BE13E	PHMC/RC - Other Engineers	65.00	HRS	4864
			1B1D01	EJ00	1B300	BP17E	PHMC/RC - Other Professionals	800.00	HRS	57048
										757282

ADVANCED REACTOR TRANSITION (FY01)

RESOURCE ALLOCATION/Cost by Activity Report
STABILIZE PRTR FUEL TRANSFER PIT

ACT ID	CACN	ACTIVITY DESCRIPTION	CAPN	BUDGET COA	PERF ORG	RES	RES DESCRIPTION	BUDGET QUANTITY	RES UNITS	BUDGET COST
PP0165	101552	18CLEANOUT/STABILIZE FY01 - FUEL TRANSFER PIT	1B1DOE	GB00	1B300	BE12E	PHMC/RC - Safety Engineers	57.00	HRS	3959
			1B1DOE	GB00	1B300	BE13E	PHMC/RC - Other Engineers	142.00	HRS	10626
			1B1DOE	GB00	1B300	BR05B	PHMC/RC - Nuclear Waste Proc O	282.00	HRS	14368
			1B1DOE	GB00	1B300	HT05B	PHMC/PHMC - Health Physics Tec	152.00	HRS	7249
			1B1DOE	GB00	1B300	10P	PHMC/PHMC Material & Equipment	17.96	\$	23272
			1B1DOE	GB00	1B300	44P	PHMC/PHMC Crane/Rigging-Lab/Eq	16.53	\$	19832
			1B1DOE	GB00	1B300	BE07E	PHMC/RC - Mechanical Engineers	114.00	HRS	8712
			1B1DOE	GB00	1B300	BE10E	PHMC/RC - Plant Engineers	123.00	HRS	7119
			1B1DOE	EF00	1B300	BE13E	PHMC/RC - Other Engineers	212.00	HRS	15864
			1B1DOE	EF00	1B300	BR05B	PHMC/RC - Nuclear Waste Proc O	258.00	HRS	13145
PP0170	101552	WASTE SHIPMENT - FUEL TRANSFER PIT	1B1DOE	EF00	1B300	HT05B	PHMC/RC - Health Physics Techn	60.00	HRS	3216
			1B1DOE	EF00	1B300	44P	PHMC/PHMC Crane/Rigging-Lab/Eq	29.00	\$	34794
			1B1DOE	EF00	65600	CC00B	PHMC/DynC - Crafts	60.00	HRS	3695
			1B1DOE	EF00	65400	CL07B	PHMC/DynC - Light Vehicle Driv	8.00	HRS	398
			1B1DOE	EF00	1B300	93P	PHMC/PHMC MNW	2.38	\$	2855
			1B1DOE	EF00	1B300	54P	PHMC/PHMC Solid Waste Disposal	12.52	\$	15021
			1B1DOE	AQ31	1B300	BE13E	PHMC/RC - Other Engineers	360.00	HRS	26939
			1B1DOE	AQ31	1B300	BP17E	PHMC/RC - Other Professionals	25.00	HRS	1783
										212847
PP0180	101552	CLOSEOUT - FUEL TRANSFER PIT	1B1DOE	AQ31	1B300	BE13E	PHMC/RC - Other Engineers	360.00	HRS	26939
			1B1DOE	AQ31	1B300	BP17E	PHMC/RC - Other Professionals	25.00	HRS	1783

RESOURCE ALLOCATION/Cost by Activity Report
TPPO PROGRAM MANAGEMENT

ACT ID	CACN	ACTIVITY DESCRIPTION	CAPN	BUDGET COA	PERF ORG	RES	RES DESCRIPTION	BUDGET QUANTITY	RES UNITS	BUDGET COST
BSB011	101557	FY01 MISSION DECISION RESERVE	1B1030	AA10	1C400	28P	PHMC/PHMC Misc Adjustments	181.00	\$	217160
	BSB014	FY01 TPO PROGRAM MANAGEMENT	1B1030	AA30	1C400	HM02E	PHMC/PHMC - Managers & Executi	1506.00	HRS	124471
			1B1030	AA30	1C400	HG04N	PHMC/PHMC - Secretaries	1500.00	HRS	42225
			1B1030	AA30	1C400	HP17E	PHMC/PHMC - Other Professional	1660.00	HRS	105310
			1B1030	AA30	1C400	6PP	PHMC/PHMC Media Services	10.00	\$	11998
BSB034	101557	FY01 TPO TRAINING	1B1030	AA30	1C400	23P	PHMC/PHMC Misc Purch Svcs-Taxe	40.00	\$	47991
	BSB049	FY01 TPO SAFETY AND STAFF MEETINGS	1B1030	AA30	1C400	HT03N	PHMC/PHMC - Engineer Technicia	1700.00	HRS	67830
			1B1030	AA30	1C400	HE01E	PHMC/PHMC - Chemical Engineers	1610.00	HRS	106582
			1B1030	AH50	1C400	HM02E	PHMC/PHMC - Managers & Executi	80.00	HRS	6612
			1B1030	AH50	1C400	HG04N	PHMC/PHMC - Secretaries	40.00	HRS	1126
BSB995	101557	FY01 FEB ASSESSMENT	1B1030	AA30	1C400	21P	PHMC/PHMC PO Contracts (Non-Ta	205.00	\$	245955
	BSB999	FY01 TPO SAFETY AND STAFF MEETINGS	1B1030	AA30	1C400	HM02E	PHMC/PHMC - Managers & Executi	120.00	HRS	9918
			1B1030	AA30	1C400	HG04N	PHMC/PHMC - Secretaries	60.00	HRS	1689
			1B1030	AA30	1C400	HE13E	PHMC/PHMC - Other Engineers	60.00	HRS	3995
			1B1030	AA30	1C400	HE01E	PHMC/PHMC - Chemical Engineers	60.00	HRS	3972
BSB999	101557	FY01 FEB ASSESSMENT	1B1030	AA30	1C400	HT03N	PHMC/PHMC - Other Professional	60.00	HRS	3806
	BSB999	FY01 FEB ASSESSMENT	1B1030	AA30	1C400	HT03N	PHMC/PHMC - Engineer Technicia	60.00	HRS	2394
			1B1030	AA30	1C400	HT03N	PHMC/PHMC - Engineer Technicia	60.00	HRS	2394
			1B1030	AA30	1C400	HT03N	PHMC/PHMC - Engineer Technicia	60.00	HRS	2394
			1B1030	AA30	1C400	HT03N	PHMC/PHMC - Engineer Technicia	60.00	HRS	2394

RESOURCE ALLOCATION/Cost by Activity Report

ACT ID	CACN	ACTIVITY DESCRIPTION	CAPN	BUDGET COA	PERF ORG	RES	RES DESCRIPTION	BUDGET QUANTITY	RES UNITS	BUDGET COST
SB057	101558	FY01 PLANNING/SCHEDULEING MGMT.	1B1033	AA30	1C420	HE05E	PHMC/PHMC - Environ Engineers	1072.00	HRS	68436
			1B1033	AA30	1C420	23P	PHMC/PHMC Misc Purch Svcs-Taxe	5.00	\$	5999
			1B1033	AA30	1C420	4VP	PHMC/PHMC Fleet	10.00	\$	11998
			1B1033	AA30	1C420	21P	PHMC/PHMC PO Contracts (Non-Ta	8.40	\$	10078
SB064	101558	FY01 PROJECT CONTROL	1B1033	AQ00	1C420	HP07E	PHMC/PHMC - Planner/Sched/Est	3515.00	HRS	183483
			1B1033	AQ00	1C420	HE10E	PHMC/PHMC - Plant Engineers	901.00	HRS	46392
SB074	101558	FY01 MATERIAL CONTROL & ACCOUNTIBILITY	1B1033	AG60	1C420	HE10E	PHMC/PHMC - Plant Engineers	838.00	HRS	43149
			1B1033	AG60	1C420	HE05E	PHMC/PHMC - Environ Engineers	40.00	HRS	2554
			1B1033	AG60	1C420	HE07E	PHMC/PHMC - Mechanical Enginee	1666.00	HRS	113271
			1B1033	BD00	1C420	HE07E	PHMC/PHMC - Mechanical Enginee	40.00	HRS	2720
SB093	101558	FY01 ART GENERAL OPES. SUPPORT	1B1033	EJ00	1C420	HE07E	PHMC/PHMC - Mechanical Enginee	40.00	HRS	2720
SB099	101558	FY01 PCRs TRAINING AND SAFETY/STAFF MEETINGS	1B1033	AY10	1C420	HE05E	PHMC/PHMC - Environ Engineers	130.00	HRS	8299
			1B1033	AH50	1C420	HE05E	PHMC/PHMC - Environ Engineers	40.00	HRS	2554
			1B1033	AY10	1C420	HE07E	PHMC/PHMC - Mechanical Enginee	26.00	HRS	1768
			1B1033	AH50	1C420	HE07E	PHMC/PHMC - Mechanical Enginee	30.00	HRS	2040
			1B1033	AY10	1C420	HE10E	PHMC/PHMC - Plant Engineers	36.00	HRS	1854
			1B1033	AH50	1C420	HE10E	PHMC/PHMC - Plant Engineers	28.00	HRS	1442
			1B1033	AY10	1C420	HP07E	PHMC/PHMC - Planner/Sched/Est	42.00	HRS	2192
SB157	101558	FY01 CORRECTIVE ACTION MANAGEMENT	1B1033	AH50	1C420	HP07E	PHMC/PHMC - Planner/Sched/Est	48.00	HRS	2506
			1B1033	AK10	1C420	HE05E	PHMC/PHMC - Environ Engineers	520.00	HRS	33197

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RESOURCE ALLOCATION/Cost by Activity Report

ASSESSMENT ADMINISTRATION										
ACT ID	CACN	ACTIVITY DESCRIPTION	CAPN	BUDGET COA	PERF ORG	RES	RES DESCRIPTION	BUDGET QUANTITY	RES UNITS	BUDGET COST
SB131	101560	FY01 ASSESSMENT ADMINISTRATION AND MAINTENANCE	1B1018 1B1018 1B1018	AK10 AK10 AK10	1C400 1C400 1C400	HE13E HG04N HM02E	PHMC/PHMC - Other Engineers PHMC/PHMC - Secretaries PHMC/PHMC - Managers & Executi	1680.00 200.00 96.00	HRS HRS HRS	111854 5630 7934
SB141	101560	FY01 S/RID OUTSIDE SUPPORT	1B1018 1B1018	AK10 AK10	4R000 4R000	HE12E HP01E	PHMC/PHMC - Safety Engineers PHMC/PHMC - Accountants & Audi	360.00 180.00	HRS HRS	22248 8912
										158579

RESOURCE ALLOCATION/Cost by Activity Report
PROJECT DIRECTOR'S OFFICE

ACT ID	CACN	ACTIVITY DESCRIPTION	CAPN	BUDGET COA	PERF ORG	RES	RES DESCRIPTION	BUDGET QUANTITY	RES UNITS	BUDGET COST
SP014	101561	FY01 PLANT DIRECTOR'S OFFICE	1B1000	AA10	1C000	HMO2E	PHMC/PHMC - Managers & Executi	3254.00	HRS	268943
			1B1000	AA10	1C410	2TP	PHMC/PHMC Travel Expense	25.00	\$	29995
			1B1000	AA10	1C410	HG04N	PHMC/PHMC - Secretaries	1745.00	HRS	49122
			1B1000	AA10	1C000	3DP	PHMC/PHMC Other Hanford Contrs	50.00	\$	59989
SP016	101561	FY01 DIRECTOR'S OFFICE MEETINGS & TRAINING	1B1000	AY10	1C000	HMO2E	PHMC/PHMC - Managers & Executi	180.00	HRS	14877
			1B1000	AH50	1C000	HMO2E	PHMC/PHMC - Managers & Executi	60.00	HRS	4959
			1B1000	AY10	1C410	HG04N	PHMC/PHMC - Secretaries	45.00	HRS	1267
			1B1000	AH50	1C410	HG04N	PHMC/PHMC - Secretaries	12.00	HRS	338
			1B1000	AY10	1C410	HEL3E	PHMC/PHMC - Other Engineers	45.00	HRS	2996
			1B1000	AH50	1C410	HEL3E	PHMC/PHMC - Other Engineers	12.00	HRS	799
			1B1000	AY10	1C410	HP01E	PHMC/PHMC - Accountants & Audi	45.00	HRS	2228
			1B1000	AH50	1C410	HP01E	PHMC/PHMC - Accountants & Audi	12.00	HRS	594
SP034	101561	FY01 GENERAL FINANCIAL MANAGEMENT	1B1000	AQ00	1C410	HP01E	PHMC/PHMC - Accountants & Audi	1745.00	HRS	86395
			1B1000	AQ00	1C410	2NP	PHMC Other Staff Augmentation	85.00	\$	101981
			1B1000	AQ00	1C410	41P	PHMC/PHMC Training Services	0.40	\$	480
			1B1000	AQ00	1C410	HEL3E	PHMC/PHMC - Other Engineers	1745.00	HRS	116182
SP577	101561	FTTF AVERAGE LABOR ADDER FY01	1B1000	AA30	1C000	O2M	Labor Rate Adjustment - Unburd	190.00	\$	190000

ACT ID	CACN	ACTIVITY DESCRIPTION	CAPN	BUDGET COA	PERF ORG	RES	RES DESCRIPTION	BUDGET QUANTITY	RES UNITS	BUDGET COST
RSK0022	101563	FY01 SPARE PARTS INVENTORY CHANGE	1B130K	FA20	1C410	10P	PHMC/PHMC Material & Equipment	138.89	\$	179968
			1B130K	AA30	1C410	10P	PHMC/PHMC Material & Equipment	-69.44	\$	-89978
										89991

[illegible]

RESOURCE ALLOCATION/Cost by Activity Report
SPARE PARTS ADJUSTMENTS/EXCESS

[illegible]

ADVANCED REACTOR TRANSITION (FY01)

RESOURCE ALLOCATION/Cost by Activity Report
OPERATION MGMT & SUPPORT

ACT ID	CACN	ACTIVITY DESCRIPTION	CAPN	BUDGET COA	PERF ORG	RCS	RES DESCRIPTION	BUDGET QUANTITY	RES UNITS	BUDGET COST
SA0014	101565	FY01 OPS STAFF, SAFETY, OM/ASM, CREW MEET AY00	1B1010	AY10	1C100	HE01E	PHMC/PHMC - Chemical Engineers	20.00	HRS	1324
			1B1010	AY10	1C100	HE04E	PHMC/PHMC - Electrical Engineer	20.00	HRS	1296
			1B1010	AY10	1C100	HE07E	PHMC/PHMC - Mechanical Engineer	60.00	HRS	4079
			1B1010	AY10	1C100	HE08E	PHMC/PHMC - Nuclear Engineers	20.00	HRS	1309
			1B1010	AY10	1C100	HE10E	PHMC/PHMC - Plant Engineers	280.00	HRS	14417
			1B1010	AY10	1C100	HE13E	PHMC/PHMC - Other Engineers	100.00	HRS	6658
			1B1010	AY10	1C100	HM02E	PHMC/PHMC - Managers & Executi	210.00	HRS	17357
			1B1010	AY10	1C100	HR04N	PHMC/PHMC - Nuclear Plant Oper	360.00	HRS	17053
			1B1010	AY10	1C100	HG04N	PHMC/PHMC - Secretaries	10.00	HRS	282
			1B1010	AY10	1C100	HG04N	PHMC/PHMC - Secretaries	1768.00	HRS	49769
SA0024	101565	FY01 OPS MANAGEMENT DIRECTION AA30	1B1010	AA30	1C100	HM02E	PHMC/PHMC - Managers & Executi	10327.00	HRS	85327
			1B1010	AA30	1C100	HE07E	PHMC/PHMC - Mechanical Engineer	700.00	HRS	47593
			1B1010	AA30	1C100	HE08E	PHMC/PHMC - Nuclear Engineers	1000.00	HRS	65470
			1B1010	AA30	1C100	HE10E	PHMC/PHMC - Plant Engineers	960.00	HRS	49430
			1B1010	AA30	1C100	HE13E	PHMC/PHMC - Other Engineers	1288.00	HRS	85755
			1B1010	AA30	1C100	HE01E	PHMC/PHMC - Chemical Engineers	96.00	HRS	6355
			1B1010	AA30	1C100	HE04E	PHMC/PHMC - Electrical Engineer	96.00	HRS	6219
			1B1010	AA30	1C100	HE01E	PHMC/PHMC - Chemical Engineers	200.00	HRS	13240
			1B1010	AA30	1C100	HE04E	PHMC/PHMC - Electrical Engineer	200.00	HRS	12956
			1B1010	AA30	1C100	HE07E	PHMC/PHMC - Mechanical Engineer	500.00	HRS	33995
SA0036	101565	FY01 OPS TRAINING IMPLEMENTATION AH30	1B1010	AH30	1C100	HE08E	PHMC/PHMC - Nuclear Engineers	484.00	HRS	31687
			1B1010	AH30	1C100	HE10E	PHMC/PHMC - Plant Engineers	6449.00	HRS	332059
			1B1010	AH30	1C100	HE13E	PHMC/PHMC - Other Engineers	1162.00	HRS	77366
			1B1010	AH30	1C100	HM02E	PHMC/PHMC - Managers & Executi	1198.00	HRS	99015
			1B1010	AH30	1C100	HR04N	PHMC/PHMC - Nuclear Plant Oper	15333.00	HRS	726324
			1B1010	AH30	1C100	HR042	PHMC/PHMC - Nuclear Plant Oper	467.00	HRS	24401
			1B1010	AH50	1C100	HE01E	PHMC/PHMC - Chemical Engineers	90.00	HRS	5958
			1B1010	AH50	1C100	HE04E	PHMC/PHMC - Electrical Engineer	90.00	HRS	5830
			1B1010	AH50	1C100	HE07E	PHMC/PHMC - Mechanical Engineer	90.00	HRS	6119
			1B1010	AH50	1C100	HE08E	PHMC/PHMC - Nuclear Engineers	30.00	HRS	1964
SA0056	101565	FY01 OPS TRAINING ATTENDANCE AH50	1B1010	AH50	1C100	HE10E	PHMC/PHMC - Plant Engineers	455.00	HRS	23428
			1B1010	AH50	1C100	HE13E	PHMC/PHMC - Other Engineers	175.00	HRS	11652
			1B1010	AH50	1C100	HM02E	PHMC/PHMC - Managers & Executi	210.00	HRS	17357
			1B1010	AH50	1C100	HR04N	PHMC/PHMC - Nuclear Plant Oper	689.00	HRS	32638
			1B1010	AH50	1C100	HR04N	PHMC/PHMC - Secretaries	10.00	HRS	282
			1B1010	AH50	1C100	41P	PHMC/PHMC Training Services	40.00	\$	47991
			1B1010	EA00	1C100	1PP	PHMC/PHMC P Card Purchases	10.65	\$	13800
			1B1010	EA00	1C100	4VP	PHMC/PHMC Fleet	50.00	\$	59989
			1B1010	EA00	1C100	10P	PHMC/PHMC Material & Equipment	15.56	\$	20162
			1B1010	EA00	1C100	94P	PHMC/PHMC FFS	1.50	\$	1800
SA0066	101565	FY01 GENERAL PROCESS/PLANT OPERATIONS EA00	1B1010	EA00	1C100	HE01E	PHMC/PHMC - Chemical Engineers	30.00	HRS	1986
			1B1010	EA00	1C100	HE04E	PHMC/PHMC - Electrical Engineer	30.00	HRS	1943
			1B1010	EA00	1C100	HE07E	PHMC/PHMC - Mechanical Engineer	46.00	HRS	3128
			1B1010	EA00	1C100	HE08E	PHMC/PHMC - Nuclear Engineers	31.00	HRS	2030
			1B1010	EA00	1C100	HE10E	PHMC/PHMC - Plant Engineers	1070.00	HRS	55094
			1B1010	EA00	1C100	HE13E	PHMC/PHMC - Other Engineers	100.00	HRS	6658
			1B1010	EA00	1C100	HM02E	PHMC/PHMC - Managers & Executi	100.00	HRS	8255
			1B1010	EA00	1C100	HR04N	PHMC/PHMC - Nuclear Plant Oper	1240.00	HRS	58739
			1B1010	EB00	1C100	HE01E	PHMC/PHMC - Chemical Engineers	470.00	HRS	31114
			1B1010	EB00	1C100	HE04E	PHMC/PHMC - Electrical Engineer	606.00	HRS	39257
SA0076	101565	FY01 OPS SURVEILLANCE EB00	1B1010	EB00	1C100	HE07E	PHMC/PHMC - Mechanical Engineer	3200.00	HRS	217568
			1B1010	EB00	1C100	HE08E	PHMC/PHMC - Nuclear Engineers	92.00	HRS	6023
			1B1010	EB00	1C100	HE10E	PHMC/PHMC - Plant Engineers	6040.00	HRS	311000
			1B1010	EB00	1C100	HE13E	PHMC/PHMC - Other Engineers	4750.00	HRS	316255
			1B1010	EB00	1C100	HM02E	PHMC/PHMC - Managers & Executi	272.00	HRS	22481
			1B1010	EB00	1C100	HE01E	PHMC/PHMC - Chemical Engineers	470.00	HRS	31114
			1B1010	EB00	1C100	HE04E	PHMC/PHMC - Electrical Engineer	606.00	HRS	39257
			1B1010	EB00	1C100	HE07E	PHMC/PHMC - Mechanical Engineer	3200.00	HRS	217568
			1B1010	EB00	1C100	HE08E	PHMC/PHMC - Nuclear Engineers	92.00	HRS	6023
			1B1010	EB00	1C100	HE10E	PHMC/PHMC - Plant Engineers	6040.00	HRS	311000

[illegible]

RESOURCE ALLOCATION/Cost by Activity Report
OPES ANALYSIS & SUPPORT

[illegible]

RESOURCE ALLOCATION/Cost by Activity Report
FFTE TRAINING MGT. SUPPORT

[illegible]

RESOURCE ALLOCATION/Cost by Activity Report
RADIOLOGICAL MANAGEMENT SUPPORT

[illegible]

RESOURCE ALLOCATION/Cost by Activity Report
ENVIRONMENTAL SUPPORT

[illegible]

RESOURCE ALLOCATION/Cost by Activity Report
SAMPLING & LAB SUPPORT/LLW & WASTE DISPOSAL

ACT ID	CACN	ACTIVITY DESCRIPTION	CAPN	BUDGET COA	PERF ORG	RES	RES DESCRIPTION	BUDGET QUANTITY	RES UNITS	BUDGET COST	
SCO83	101571	FY01 SAMPLING AND LAB/ROUTINE COMPLIANCE	1B1172	ES10	1C510	93P	PHMC/PHMC WMNW	8.25	\$	9898	
			1B1172	ES10	1C510	3DP	PHMC/PHMC Other Hanford Contrs	8.87	\$	10642	
			1B1172	ES10	1C510	52P	PHMC/PHMC WSCF Lab-Sample Anal	21.80	\$	26155	
			1B1172	ES10	1C510	5GP	PHMC/PHMC Office of Sample Mgt	26.10	\$	31314	
SC113	101571	FY01 LLW DISPOSAL	1B1172	CA30	1C510	93P	PHMC/PHMC WMNW	4.15	\$	4979	
			1B1172	CA30	1C510	54P	PHMC/PHMC Solid Waste Disposal	17.50	\$	20996	
			1B1172	CA30	1C510	10P	PHMC/PHMC Material & Equipment	4.07	\$	5274	
SC228	101571	FY01 PKG. & SHIP RAD & HAZ. WASTE	1B1172	ES20	1C510	10P	PHMC/PHMC Material & Equipment	1.52	\$	1970	
			1B1172	ES20	1C510	1PP	PHMC/PHMC P Card Purchases	1.52	\$	1970	
			1B1172	ES20	1C510	54P	PHMC/PHMC Solid Waste Disposal	8.80	\$	10558	
			1B1172	ES20	1C510	5BP	PHMC/PHMC Offsite Hazardous Wa	4.40	\$	5279	
			1B1172	ES20	1C510	93P	PHMC/PHMC WMNW	8.40	\$	10078	
			1B1172	ES20	1C510	HE10E	PHMC/PHMC - Plant Engineers	80.00	HRS	4119	
										-----	143232

RESOURCE ALLOCATION/Cost by Activity Report
WASTE CHARACTERIZATION SUPPORT

WASTE CHARACTERIZATION SUPPORT										
ACT ID	CACN	ACTIVITY DESCRIPTION	CAPN	BUDGET COA	PERF ORG	RES	RES DESCRIPTION	BUDGET QUANTITY	RES UNITS	BUDGET COST
SC093	101572	FY01 WASTE CHARACTERIZATION	1B1272	ES20	1C510	93P	PHMC/PHMC WMNW	8.25	\$	9898
			1B1272	ES20	1C510	52P	PHMC/PHMC WSCF Lab-Sample Anal	26.10	\$	31314
			1B1272	ES20	1C510	5GP	PHMC/PHMC Office of Sample Mgt	21.60	\$	25915
			1B1272	ES20	1C510	51P	PHMC/PHMC 222S Sample Analysis	8.70	\$	10438
										77566

ADVANCED REACTOR TRANSITION (FY01)

RESOURCE ALLOCATION/Cost by Activity Report
WSMP/WMTS/WIDS SUPPORT

WSNP/WMTS/WIDS SUPPORT										
ACT ID	CACN	ACTIVITY DESCRIPTION	CAPN	BUDGET COA	PERF ORG	RES	RES DESCRIPTION	BUDGET QUANTITY	RES UNITS	BUDGET COST
SC232	101573	FY01 WASTE SITES MANAGEMENT PROGRAM	1B1372	EF00	4V300	WM03E	PHMC/MM - Project & Program Mg	36.00	HRS	3204
SC236	101573	FY01 FH ONSITE TRANSPORTATION & PACKAGING -EF00	1B1372	EF00	1C510	54P	PHMC/PHMC Solid Waste Disposal	38.00	\$	45592
SC546	101573	FY01 WIDS SUPPORT	1B1372	EF00	1C510	21P	PHMC/PHMC PO Contracts (Non-Ta	14.00	\$	16797
										65593

RESOURCE ALLOCATION/Cost by Activity Report
SAFETY PROGRAM MANAGEMENT

[illegible]

RESOURCE ALLOCATION/Cost by Activity Report
QUALITY ASSURANCE

[illegible]

RESOURCE ALLOCATION/Cost by Activity Report

[illegible]

RESOURCE ALLOCATION/Cost by Activity Report
ELECTRICAL SYSTEMS ENGINEERING

[illegible]

RESOURCE ALLOCATION/Cost by Activity Report
EFTF MECHANICAL ENGINEERING SUPPORT

[illegible]

[illegible]

SN0770	101585	FY01 MAINT. FIELD SUPERVISION AND PIC ACT - BD00	1B1060	FA20	1C300	23P	PHMC/PHMC Misc Purch Srvs-Taxe	1.00	\$	1199.78
			1B1060	FA20	1C300	44P	PHMC/PHMC Crane/Rigging-Lab/Eq	45.00	\$	53990.10
			1B1060	FA20	1C300	45P	PHMC/PHMC Engr Test-305/306 Bl	5.00	\$	5998.90
			1B1060	FA20	1C300	5VP	PHMC/PHMC Fleet Maintenance	50.00	\$	59989.00
			1B1060	FA20	1C300	3DP	PHMC/PHMC Other Hanford Contrs	2.00	\$	2399.56
			1B1060	FA20	1C300	6PP	PHMC/PHMC Media Services	1.00	\$	1199.78
			1B1060	FA20	1C300	1TP	PHMC/PHMC Fleets Parts Invento	4.00	\$	4799.12
			1B1060	FA20	1C300	28P	PHMC/PHMC Misc Adjustments	129.00	\$	154771.62
			1B1060	FA20	1C300	28P	PHMC/PHMC Reloc/Educ Reimburse	2.00	\$	2399.56
			1B1060	FA20	1C300	22P	PHMC/PHMC PO Contracts (Taxabl	54.00	\$	69971.04
			1B1060	BD00	1C300	HM01E	PHMC/PHMC - First Line Supervi	1712.00	HRS	97669.60
			1B1060	BD00	1C300	HM02E	PHMC/PHMC - Managers & Executi	1712.00	HRS	141496.80
			1B1060	BD00	1C300	HE10E	PHMC/PHMC - Plant Engineers	11983.00	HRS	617004.67

RESOURCE ALLOCATION/Cost by Activity Report

MAINTENANCE SUPPORT

[illegible]

RESOURCE ALLOCATION/Cost by Activity Report
FMEF S&M SUPPORT

ACT ID	CACN	ACTIVITY DESCRIPTION	CAPN	BUDGET COA	PERF ORG	RES	RES DESCRIPTION	BUDGET QUANTITY	RES UNITS	BUDGET COST
F0217	101586	RME FY01 PROVIDE ELECTRICITY	1B170A	EA00	1C100	5EP	PHMC/PHMC BPA Redistribution	84.00	\$	100781.52
F0417	101586	FME FY01 ELEVATOR MAINTENANCE CONTRACT	1B170A	EB00	1C100	21P	PHMC/PHMC PO Contracts (Non-Ta	20.00	\$	23995.60
F0517	101586	FME FY01 THIRD PARTY INSPECTION	1B170A	EB00	1C100	21P	PHMC/PHMC PO Contracts (Non-Ta	2.00	\$	2399.56
F0712	101586	FME FY01 PEST CONTROL SERVICE	1B170A	EB00	1C100	93P	PHMC/PHMC WMNW	1.00	\$	1199.78
										----- 128376.46 -----

RESOURCE ALLOCATION/Cost by Activity Report
FUEL HANDLING SUPPORT

[illegible]

[illegible]

RESOURCE ALLOCATION/Cost by Activity Report
FUEL HANDLING ENG. ADMIN SUPPORT

[illegible]

RESOURCE ALLOCATION/CONTROL by Anthony Barnett
SRS C1167 SUPPORT

ACT ID	CACN	ACTIVITY DESCRIPTION	CAPN	BUDGET COA	PERF ORG	RES DESCRIPTION	BUDGET QUANTITY	RES UNITS	BUDGET COST	
DE22220	101592	SRS C1167 - CONSTRUCTION	1B102B	FA40	1C300	HC02B	PHMC/PHMC - Electricians	2743.00	HRS	138576.36
			1B102B	FA40	1C300	HT07B	PHMC/PHMC - Instrument/Ctrl Te	882.00	HRS	44611.56
			1B102B	BA50	1C250	HE04E	PHMC/PHMC - Electrical Engineer	760.00	HRS	49232.80
			1B102B	FA40	1C300	HC07B	PHMC/PHMC - Painters	162.00	HRS	7638.30
			1B102B	BC30	1C250	HT02N	PHMC/PHMC - Drafters	80.00	HRS	4372.80
			1B102B	AF20	1C250	L0P	PHMC/PHMC Material & Equipment	18.52	\$	23997.48
			1B102B	AL20	1C250	HE11E	PHMC/PHMC - QC Engineers	90.00	HRS	5562.00
			1B102B	FA40	1C250	HE10E	PHMC/PHMC - Plant Engineers	760.00	HRS	39132.40
DE22222	101592	SRS C1167 - AS BUILDING	1B102B	BC30	1C250	HE04E	PHMC/PHMC - Electrical Engineer	100.00	HRS	6478.00
			1B102B	BC30	1C250	HT02N	PHMC/PHMC - Drafters	100.00	HRS	5466.00
DE22224	101592	SRS C1167 - SOFTWARE TESTING	1B102B	EA10	1C250	HE04E	PHMC/PHMC - Electrical Engineer	400.00	HRS	25912.00
			1B102B	EA10	1C100	HR04N	PHMC/PHMC - Nuclear Plant Oper	460.00	HRS	21790.20
			1B102B	EA10	1C100	HE10E	PHMC/PHMC - Plant Engineers	460.00	HRS	23685.40
DE22226	101592	SRS C1167 - CG & A TESTING	1B102B	EA10	1C250	HE04E	PHMC/PHMC - Electrical Engineer	200.00	HRS	12956.00
			1B102B	EA10	1C100	HR04N	PHMC/PHMC - Nuclear Plant Oper	200.00	HRS	9474.00
			1B102B	EA10	1C300	HC02B	PHMC/PHMC - Electricians	200.00	HRS	10104.00
			1B102B	EA10	1C100	HE10E	PHMC/PHMC - Plant Engineers	200.00	HRS	10298.00
									439287.30	

[illegible]

[illegible]

RESOURCE ALLOCATION/Cost by Activity Report
FFTF OPERATIONS CONSUMABLES

ACT ID	CACN	ACTIVITY DESCRIPTION	CAPN	BUDGET COA	PERF ORG	RES DESCRIPTION	BUDGET QUANTITY	RES UNITS	BUDGET COST
SA0102	112099	FY01 FUEL OIL, NITRO, ARGON, CHEM, RADIOS & ELEC *	1B1011 1B1011 1B1011	EJ00 EJ00 EJ00	1C100 1C100 1C100	10P 5EP 4VP	PHMC/PHMC Material & Equipment PHMC/PHMC BPA Redistribution PHMC/PHMC Fleet	\$ \$ \$	436126.90 1919648.00 53990.10
							45.00		2409765.00

RESOURCE ALLOCATION/Cost by Activity Report
FFTF SOE OPERATIONS

[illegible]

[illegible]

ADVANCED REACTOR TRANSITION (FY01)

RESOURCE ALLOCATION/Cost by Activity Report

[illegible]

RESOURCE ALLOCATION/Cost by Activity Report
FTE PHMC FEE

[illegible]

RESOURCE ALLOCATION/Cost by Activity Report
FFTF TECHNICAL SUPPORT ADMIN.

[illegible]

RESOURCE ALLOCATION/Cost by Activity Report
FFTF COMPUTER SUPPORT

[illegible]

RESOURCE ALLOCATION/Cost by Activity Report
FFTF R3 PROJECT

ACT ID	CACN	ACTIVITY DESCRIPTION	CAPN	BUDGET COA	PERF ORG	RES	RES DESCRIPTION	BUDGET QUANTITY	RES UNITS	BUDGET COST
SH500	113185	FY01 R3 PROJECT	1B1041	BA30	1C220	HE07E	PHMC/PHMC - Mechanical Engineer	3000.00	HRS	203970.00
			1B1041	BA21	1C800	HE08E	PHMC/PHMC - Nuclear Engineers	160.00	HRS	10475.20
			1B1041	BA21	1C500	HM02E	PHMC/PHMC - Managers & Executi	120.00	HRS	9918.00
			1B1041	AF20	1C220	3DP	PHMC/PHMC Other Hanford Contrs	30.00	\$	35993.40
			1B1041	AF20	1C220	94P	PHMC/PHMC FFS	60.00	\$	71986.80
								332343.40		
										36923825.53

RESOURCE ALLOCATION/Cost by Activity Report
NE LEGACY OCCUPANCY

[illegible]

RESOURCE ALLOCATION/Cost by Activity Report REMOVE & SHIP 337 CONTROLS & PIPING

ACT ID	CACN	ACTIVITY DESCRIPTION	CAPN	BUDGET COA	PERF ORG	RES	RES DESCRIPTION	BUDGET QUANTITY	RES UNITS	BUDGET COST
REMOVE & SHIP 337 CONTROLS & PIPING										
LE0030	101542	REMOVE & SHIP 337 CONTROLS & PIPING FY02	1B1C21	GB00	1C200	HE07E	PHMC/PHMC - Mechanical Engineer	1805.00	HRS	122721.95
			1B1C21	GB00	1C200	10P	PHMC/PHMC Material & Equipment	4.10	\$	5312.62
			1B1C21	GB00	1C200	93P	PHMC/PHMC WMNW	23.89	\$	28662.74
			1B1C21	GB00	1C200	94P	PHMC/PHMC FFS	363.00	\$	435520.14
			1B1C21	GB00	1C200	98P	PHMC/PHMC Cogema	200.00	\$	239956.00
			1B1C21	GB00	1C200	HE10E	PHMC/PHMC - Plant Engineers	100.00	HRS	5149.00
			1B1C21	GB00	1C200	20P	PHMC/PHMC Misc Adjustment	7.20	\$	8734.40
										846056.85

ACT ID	CACN	ACTIVITY DESCRIPTION	CAPN	BUDGET COA	PERF ORG	RES	RES DESCRIPTION	BUDGET QUANTITY	RES UNITS	BUDGET COST
COMPLETE OPTIONS FOR NON RAU										
LE0090	101544	Drain/Clean CRCTA Vessel FY02	1B1C23	GB00	1C200	HE07E	PHMC/PHMC - Mechanical Engineer	171.00	HRS	11626.29
			1B1C23	GB00	1C200	21P	PHMC/PHMC PO Contracts (Non-Ta	28.69	\$	34421.69
			1B1C23	GB00	1C200	94P	PHMC/PHMC FFS	4.60	\$	5518.99
			1B1C23	GB00	1C200	10P	PHMC/PHMC Material & Equipment	2.05	\$	2656.31
			1B1C23	GB00	1C200	98P	PHMC/PHMC Cogema	7.89	\$	9466.26
										63689.54

ACT ID	CACN	ACTIVITY DESCRIPTION	CAPN	BUDGET COA	PERF ORG	RES	RES DESCRIPTION	BUDGET QUANTITY	RES UNITS	BUDGET COST
NE LEGACY SUPPORT										
LE0170	101546	FY 2002 NE LEGACIES NA DISPOSITION PRJ. SUPP.	1B1C25	AQ31	1C200	HE07E	PHMC/PHMC - Mechanical Engineers	1800.00	HRS	122382.00
			1B1C25	AQ31	1C200	HE12E	PHMC/PHMC - Safety Engineers	20.00	HRS	1236.00
			1B1C25	AQ31	1C800	HP09E	PHMC/PHMC - In Hygienists	20.00	HRS	1192.40
			1B1C25	AQ31	4H700	HE05E	PHMC/PHMC - Environ Engineers	20.00	HRS	1276.80
			1B1C25	AQ31	1C200	94P	PHMC/PHMC FFS	18.68	\$	22411.89
										148499.09

ADVANCED REACTOR TRANSITION (FY02)

RESOURCE ALLOCATION/Cost by Activity Report
309 BUILDING FACILITY

ACT ID	CACN	ACTIVITY DESCRIPTION	CAPN	BUDGET COA	PERF ORG	RES	RES DESCRIPTION	BUDGET QUANTITY	RES UNITS	BUDGET COST
309 BUILDING FACILITY										
P01160	101547	309 BLDG MANAGEMENT AND SUPPORT FY02	1B1D01	A010	1B300	BG04N	PHMC/RC - Secretaries	230.00	HRS	7277.20
			1B1D01	AA30	1BC00	BM02E	PHMC/RC - Managers & Executive	350.00	HRS	32515.00
P01162	101547	309 BLDG MANAGEMENT AND SUPPORT FY02	1B1D01	AA30	1BC00	BM02E	PHMC/RC - Managers & Executive	324.00	HRS	30099.60
			1B1D01	A010	1BC00	BG02N	PHMC/RC - Office Clerks/Genera	100.00	HRS	3028.00
P01164	101547	309 BLDG MANAGEMENT AND SUPPORT FY02	1B1D01	AH10	1BC00	BM02E	PHMC/RC - Managers & Executive	40.00	HRS	3716.00
			1B1D01	AA30	1BC00	BM02E	PHMC/RC - Managers & Executive	100.00	HRS	9290.00
			1B1D01	A010	1BC00	BG02N	PHMC/RC - Office Clerks/Genera	100.00	HRS	3028.00
P01230	101547	309 BLDG TRAINING	1B1D01	AH50	1B300	41P	PHMC/PHMC Training Services	5.00	\$	5998.90
			1B1D01	AH50	1B300	BE07E	PHMC/RC - Mechanical Engineers	80.00	HRS	6113.60
			1B1D01	AH50	1B300	BE10E	PHMC/RC - Plant Engineers	80.00	HRS	4630.40
			1B1D01	AH50	1BC00	BP08E	PHMC/RC - Health Physicists	40.00	HRS	2727.20
			1B1D01	AH50	1BC00	BT05B	PHMC/RC - Health Physics Techn	60.00	HRS	3216.00
			1B1D01	AH50	1BC00	BR04B	PHMC/RC - Nuclear Plant Operat	60.00	HRS	3361.20
			1B1D01	AH20	1BC00	BP15E	PHMC/RC - Trainers & Instructo	50.00	HRS	2896.50
P01330	101547	309 BLDG BASELINE CONTROL/PBS/MYPP	1B1D01	AQ00	1B300	BE07E	PHMC/RC - Mechanical Engineers	160.00	HRS	12227.20
			1B1D01	AQ00	1B300	BP01E	PHMC/RC - Accountants & Audito	720.00	HRS	40068.00
P01430	101547	309 BLDG UTILITIES AND ASSESSEMENTS	1B1D01	A020	1B300	5EP	PHMC/PHMC BPA Redistribution	8.40	\$	10078.15
			1B1D01	FE00	1B300	93P	PHMC/PHMC WNW	5.60	\$	6718.77
			1B1D01	A020	1B300	10P	PHMC/PHMC Material & Equipment	11.96	\$	15497.29
			1B1D01	A020	1B300	4VP	PHMC/PHMC Fleet	3.00	\$	3599.34
			1B1D01	AA40	1B300	71M	PHMC Fee Assessments - Unburde	120.00	\$	120000.00
			1B1D01	BC40	1B300	94P	PHMC/PHMC EFS	19.50	\$	23395.71
			1B1D01	CB10	1B300	3DP	PHMC/PHMC Other Hanford Contrs	7.20	\$	8638.42
			1B1D01	FE10	1B300	23P	PHMC/PHMC Misc Purch Svcs-Taxe	7.90	\$	9478.26
			1B1D01	EA00	1B300	23P	PHMC/PHMC Misc Purch Svcs-Taxe	8.25	\$	9898.19
			1B1D01	A020	65F00	23P	PHMC/PHMC Misc Purch Svcs-Taxe	16.25	\$	19496.43
P02230	101547	309 BLDG PROCEDURE PREPERATION AND MAINT	1B1D01	AJ70	1B300	97P	PHMC/PHMC IMSI	2.00	\$	2519.54
			1B1D01	BC10	1B300	BE10E	PHMC/RC - Plant Engineers	50.00	HRS	2894.00
			1B1D01	BC10	1B300	BE07E	PHMC/RC - Mechanical Engineers	100.00	HRS	7642.00
P02330	101547	309 BLDG INDEPENDENT OVERSITE	1B1D01	AL20	1B000	BE11E	PHMC/RC - Quality Control Engr	40.00	HRS	2778.40
			1B1D01	CB70	1B000	BE12E	PHMC/RC - Safety Engineers	140.00	HRS	9724.40
			1B1D01	CB20	1B000	BP09E	PHMC/RC - In Hygienists	40.00	HRS	2680.40
			1B1D01	CB30	1B000	BE13E	PHMC/RC - Other Engineers	40.00	HRS	2993.20
P02430	101547	309 BLDG MANAGEMENT ASSESSMENTS	1B1D01	AK10	1B000	BE12E	PHMC/RC - Safety Engineers	40.00	HRS	2778.40
			1B1D01	AK10	1B000	BE05E	PHMC/RC - Environmental Engine	80.00	HRS	5740.80
			1B1D01	AK10	1B000	BE11E	PHMC/RC - Quality Control Engr	80.00	HRS	5556.80
			1B1D01	AK10	1BC00	BP08E	PHMC/RC - Health Physicists	120.00	HRS	8181.60
P02530	101547	309 BLDG ENVIRONMENTAL COMPLIANCE	1B1D01	CA40	1B300	BE07E	PHMC/RC - Mechanical Engineers	80.00	HRS	6113.60
			1B1D01	CA40	1B000	BE05E	PHMC/RC - Environmental Engine	80.00	HRS	5740.80
P03130	101547	309 BLDG BUILDING OPERATIONS SURVEILLANCE	1B1D01	EB00	1B300	BE10E	PHMC/RC - Plant Engineers	130.00	HRS	7524.40
			1B1D01	EB00	1B300	BE07E	PHMC/RC - Mechanical Engineers	120.00	HRS	9170.40
			1B1D01	CB10	1BC00	BR04B	PHMC/RC - Nuclear Plant Operat	470.00	HRS	26329.40
P03230	101547	309 BLDG HEALTH PHYSICS SURVEILLANCE	1B1D01	CB10	1BC00	BP08E	PHMC/RC - Health Physicists	200.00	HRS	13636.00
			1B1D01	CB10	1BC00	BT05B	PHMC/RC - Health Physics Techn	400.00	HRS	21440.00
			1B1D01	CB10	1BC00	BR04B	PHMC/RC - Nuclear Plant Operat	120.00	HRS	6722.40
P04130	101547	309 BLDG CORECTIVE MAINTENANCE	1B1D01	FA20	1B300	10P	PHMC/PHMC Material & Equipment	5.00	\$	6478.80
			1B1D01	FA20	1BC00	BR04B	PHMC/RC - Nuclear Plant Operat	198.00	HRS	11091.96

P04240	101547	309 BLDG PREVENTIVE MAINTENANCE	1B1D01	FA20	1BC00	BT05B	PHMC/RC	PHMC/RC - Health Physics Techn	120.00	HRS	6432.00
			1B1D01	B000	1B300	BE10E	PHMC/RC	PHMC/RC - Plant Engineers	225.00	HRS	13023.00
			1B1D01	B000	1B300	BE07E	PHMC/RC	PHMC/RC - Mechanical Engineers	125.00	HRS	9552.50
			1B1D01	FA20	65600	CC00B	PHMC/DynC	PHMC/DynC - Crafts	240.00	HRS	14779.20
			1B1D01	CA40	1BD00	BE05E	PHMC/RC	PHMC/RC - Environmental Engine	30.00	HRS	2152.80
			1B1D01	FA10	1B300	44P	PHMC/PHMC	PHMC/PHMC Crane/Rigging-Lab/Eq	6.00	\$	7198.68
			1B1D01	FA10	1BC00	BT05B	PHMC/RC	PHMC/RC - Health Physics Techn	100.00	HRS	5360.00
			1B1D01	EA00	1B300	BE04E	PHMC/RC	PHMC/RC - Electrical Engineers	110.00	HRS	8009.10
			1B1D01	B000	1B300	BE10E	PHMC/RC	PHMC/RC - Plant Engineers	225.00	HRS	13023.00
			1B1D01	FA10	1B300	BE07E	PHMC/RC	PHMC/RC - Mechanical Engineers	225.00	HRS	17194.50
			1B1D01	FA10	65400	CL07B	PHMC/DynC	PHMC/DynC - Light Vehicle Driv	32.00	HRS	1592.96

RESOURCE ALLOCATION/Cost by Activity Report
309 BUILDING FACILITY

309 BUILDING FACILITY										
ACT ID	CACN	ACTIVITY DESCRIPTION	CAPN	BUDGET COA	PERF ORG	RES	RES DESCRIPTION	BUDGET QUANTITY	RES UNITS	BUDGET COST
309 BUILDING FACILITY										
PO4340	101547	309 BLDG JOB PLANNING AND WORK CONTROL	1B1D01	FA30	1B300	BE13E	PHMC/RC - Other Engineers	208.00	HRS	15564.64
			1B1D01	EJ00	1B300	BE04E	PHMC/RC - Electrical Engineers	80.00	HRS	5824.80
			1B1D01	EJ00	1B300	BE07E	PHMC/RC - Mechanical Engineers	770.00	HRS	58843.40
			1B1D01	EJ00	1B300	BE10E	PHMC/RC - Plant Engineers	603.00	HRS	34901.64
			1B1D01	EJ00	1B300	BE13E	PHMC/RC - Other Engineers	65.00	HRS	4863.95
			1B1D01	EJ00	1B300	BP17E	PHMC/RC - Other Professionals	807.27	HRS	57566.42
										840613.25

RESOURCE ALLOCATION/Cost by Activity Report
309 BUILDING TRANSFER WASTE TANKS

[illegible]

RESOURCE ALLOCATION/Cost by Activity Report
STABILIZE PRTR FUEL STORAGE BASIN

ACT ID	CACN	ACTIVITY DESCRIPTION	CAPN	BUDGET COA	PERF ORG	RES	RES DESCRIPTION	BUDGET QUANTITY	RES UNITS	BUDGET COST
STABILIZE PRTR FUEL STORAGE BASIN										
PP0085	101549	CLEANOUT/STABILIZE - FUEL STORAGE BASIN	1B1D0B	GB00	1B300	BE12E	PHMC/RC - Safety Engineers	20.00	HRS	1389.20
			1B1D0B	GB00	1B300	BE07E	PHMC/RC - Mechanical Engineers	80.00	HRS	6113.60
			1B1D0B	GB00	1B300	BE05B	PHMC/RC - Nuclear Waste Proc O	80.00	HRS	4076.00
			1B1D0B	GB00	1B300	BT05B	PHMC/RC - Health Physics Techn	80.00	HRS	4288.00
			1B1D0B	GB00	1B300	10P	PHMC/PHMC Material & Equipment	15.00	\$	19436.40
			1B1D0B	GB00	65600	IC07B	PHMC/DyFacMain-Painters	80.00	HRS	6431.20
			1B1D0B	GB00	1B300	BE10E	PHMC/RC - Plant Engineers	60.00	HRS	3472.80
			1B1D0B	GB00	65600	CC00B	PHMC/DynC - Crafts	20.00	HRS	1231.60
PP0090	101549	WASTE SHIPMENT - FUEL STORAGE BASIN	1B1D0B	EF00	1B300	BE13E	PHMC/RC - Other Engineers	93.00	HRS	6959.19
			1B1D0B	EF00	1B300	BE05B	PHMC/RC - Nuclear Waste Proc O	95.00	HRS	4840.25
			1B1D0B	EF00	1B300	BT05B	PHMC/RC - Health Physics Techn	7.00	HRS	375.20
PP0100	101549	CLOSEOUT TANK - FUEL STORAGE BASIN	1B1D0B	AQ31	1B300	BE13E	PHMC/RC - Other Engineers	110.00	HRS	8231.30
			1B1D0B	AQ31	1B300	BP17E	PHMC/RC - Other Professionals	25.00	HRS	1782.75
										68627.49

RESOURCE ALLOCATION/Cost by Activity Report STABILIZE PRTR REACTOR CAVITY

ACT ID	CACN	ACTIVITY DESCRIPTION	CAPN	BUDGET COA	PERF ORG	RES	RES DESCRIPTION	BUDGET QUANTITY	RES UNITS	BUDGET COST
STABILIZE PRTR REACTOR CAVITY										
PP0112	101550	CLEANOUT MATERIALS - PRTR REACTOR CAVITY	1B1D0C	GB00	1B300	BE12E	PHMC/RC - Safety Engineers	40.00	HRS	2778.40
			1B1D0C	GB00	1B300	BE07E	PHMC/RC - Mechanical Engineers	80.00	HRS	6113.60
			1B1D0C	GB00	1BC00	BR04B	PHMC/RC - Nuclear Plant Operat	50.00	HRS	2801.00
			1B1D0C	GB00	1B300	BT05B	PHMC/RC - Health Physics Techn	100.00	HRS	5360.00
			1B1D0C	GB00	1B300	10P	PHMC/PHMC Material & Equipment	35.00	\$	45351.60
			1B1D0C	GB00	1B300	BE10E	PHMC/RC - Plant Engineers	130.00	HRS	7524.40
			1B1D0C	GB00	65600	CC00B	PHMC/DynC - Crafts	80.00	HRS	4926.40
PP0120	101550	WASTE SHIPMENT - PRTR REACTOR CAVITY	1B1D0C	EF00	1B300	BE13E	PHMC/RC - Other Engineers	176.00	HRS	13170.08
			1B1D0C	EF00	1BC00	BR05B	PHMC/RC - Nuclear Waste Proc O	400.00	HRS	20380.00
			1B1D0C	EF00	1BC00	BT05B	PHMC/RC - Health Physics Techn	275.00	HRS	14740.00
			1B1D0C	EF00	1B300	44P	PHMC/PHMC Crane/Rigging-Lab/Eq	6.00	\$	7198.68
			1B1D0C	EF00	65600	CC00B	PHMC/DynC - Crafts	48.00	HRS	2955.84
			1B1D0C	EF00	65400	CL07B	PHMC/DynC - Light Vehicle Driv	8.00	HRS	398.24
			1B1D0C	EF00	1B300	93P	PHMC/PHMC WMNW	2.00	\$	2399.56
			1B1D0C	EF00	1B300	54P	PHMC/PHMC Solid Waste Disposal	10.00	\$	11997.80
PP0130	101550	CLOSEOUT - PRTR REACTOR CAVITY	1B1D0C	AQ31	1B300	BE13E	PHMC/RC - Other Engineers	200.00	HRS	14966.00
			1B1D0C	AQ31	1B300	BP17E	PHMC/RC - Other Professionals	60.00	HRS	4278.60
										167340.20

RESOURCE ALLOCATION/Cost by Activity Report
CLEAN OUT BALANCE PRTR CONTAINMENT

ACT ID	CACN	ACTIVITY DESCRIPTION	CAPN	BUDGET COA	PERF ORG	RES	RES DESCRIPTION	BUDGET QUANTITY	RES UNITS	BUDGET COST
CLEAN OUT BALANCE PRTR CONTAINMENT										
PP0190	101553	CHARACTERIZATION - BALANCE OF CONTAINMENT	1B1D0F	GB00	1B300	BE12E	PHMC/RC - Safety Engineers	80.00	HRS	5556.80
			1B1D0F	GB00	1B300	BR05B	PHMC/RC - Nuclear Waste Proc O	37.00	HRS	1885.15
			1B1D0F	GB00	1B300	BT05B	PHMC/RC - Health Physics Techn	100.00	HRS	5360.00
			1B1D0F	GB00	1B300	10P	PHMC/PHMC Material & Equipment	3.00	\$	3887.28
			1B1D0F	GB00	1B300	51P	PHMC/PHMC 222S Sample Analysis	15.70	\$	18936.55
			1B1D0F	GB00	1B300	44P	PHMC/PHMC Crane/Rigging-Lab/Eq	3.79	\$	4547.17
			1B1D0F	GB00	1B300	93P	PHMC/PHMC WMAN	6.00	\$	7198.68
			1B1D0F	GB00	1B300	BE07E	PHMC/RC - Mechanical Engineers	200.00	HRS	15284.00
			1B1D0F	GB00	65600	CC00B	PHMC/DynC - Crafts	63.00	HRS	3879.54
			1B1D0F	GB00	1B300	BE10E	PHMC/RC - Plant Engineers	94.00	HRS	5440.72
PP0200	101553	CLEANOUT/STABILIZE - BALANCE OF CONTAINMENT	1B1D0F	GB00	1B300	BE12E	PHMC/RC - Safety Engineers	40.00	HRS	2778.40
			1B1D0F	GB00	1B300	BR04B	PHMC/RC - Nuclear Plant Operat	80.00	HRS	4481.60
			1B1D0F	GB00	1B300	BT05B	PHMC/RC - Health Physics Techn	80.00	HRS	4288.00
			1B1D0F	GB00	1B300	10P	PHMC/PHMC Material & Equipment	5.50	\$	6737.05
			1B1D0F	GB00	1B300	44P	PHMC/PHMC Crane/Rigging-Lab/Eq	5.30	\$	6358.83
			1B1D0F	GB00	1B300	BE07E	PHMC/RC - Mechanical Engineers	140.00	HRS	10690.00
			1B1D0F	GB00	1B300	BE10E	PHMC/RC - Plant Engineers	100.00	HRS	5788.00
			1B1D0F	GB00	65600	CC00B	PHMC/DynC - Crafts	96.00	HRS	5911.68
PP0210	101553	WASTE SHIPMENT - BALANCE OF CONTAINMENT	1B1D0F	EF00	1B300	44P	PHMC/PHMC Crane/Rigging-Lab/Eq	3.08	\$	3695.32
			1B1D0F	EF00	1B300	BE13E	PHMC/RC - Other Engineers	130.00	HRS	9727.90
			1B1D0F	EF00	1B300	BR04B	PHMC/RC - Nuclear Plant Operat	65.00	HRS	3641.30
			1B1D0F	EF00	1B300	BT05B	PHMC/RC - Health Physics Techn	10.00	HRS	536.00
PP0220	101553	CLOSEOUT - BALANCE OF CONTAINMENT	1B1D0F	AQ31	1B300	BE13E	PHMC/RC - Other Engineers	165.00	HRS	12346.95
			1B1D0F	AQ31	1B300	BE17E	PHMC/RC - Other Professionals	25.00	HRS	1782.75
150649.37										

RESOURCE ALLOCATION/Cost by Activity Report
STABILIZE 309 BLDG STACKS AND PITS

ACT ID	CACN	ACTIVITY DESCRIPTION	CAPN	BUDGET COA	PERF ORG	RES	RES DESCRIPTION	BUDGET QUANTITY	RES UNITS	BUDGET COST
STABILIZE 309 BLDG STACKS AND PITS										
PP0229	101554	CHARACTERIZATION - HVAC STACKS AND PITS	1B1D0G	GB00	1B300	BE12E	PHMC/RC - Safety Engineers	95.00	HRS	6598.70
			1B1D0G	GB00	1B300	BE07E	PHMC/RC - Mechanical Engineers	271.00	HRS	20709.82
			1B1D0G	GB00	1B300	BR05B	PHMC/RC - Nuclear Waste Proc O	56.00	HRS	2853.20
			1B1D0G	GB00	1B300	BT05B	PHMC/RC - Health Physics Techn	163.00	HRS	8736.80
			1B1D0G	GB00	1B300	10P	PHMC/PHMC Material & Equipment	1.08	\$	1399.42
			1B1D0G	GB00	1B300	51P	PHMC/PHMC 222S Sample Analysis	12.96	\$	15549.15
			1B1D0G	GH00	1B300	44P	PHMC/PHMC Crane/Rigging-Lab/Eq	2.00	\$	2399.56
			1B1D0G	GH00	1B300	93P	PHMC/PHMC WMNW	0.50	\$	10190.11
			1B1D0G	GH00	1B300	BE10E	PHMC/RC - Plant Engineers	200.00	HRS	11576.00
			1B1D0G	GH00	65600	CC00B	PHMC/DynC - Crafts	57.00	HRS	3510.06
										83530.84

ACT ID	CACN	ACTIVITY DESCRIPTION	CAPN	BUDGET COA	PERF ORG	RES DESCRIPTION	BUDGET QUANTITY	RES UNITS	BUDGET COST
FACILITY DOCUMENT UPDATES									
PP0280	101555	PREPARE S&M PLAN	1B1DOH	AQ31	1B300	BE13E PHMC/RC - Other Engineers	250.00	HRS	18707.50
PP0300	101555	Final Safety Basis Review	1B1DOH	AQ31	1B300	BE07E PHMC/RC - Mechanical Engineers	991.00	HRS	75732.22
			1B1DOH	AQ31	1B300	BE13E PHMC/RC - Other Engineers	148.00	HRS	11074.84
			1B1DOH	AQ31	1B300	BM02E PHMC/RC - Managers & Executive	148.00	HRS	13749.20
			1B1DOH	AQ31	1B300	10P PHMC/PHMC Material & Equipment	2.98	\$	3861.36
PP0342	101555	Facility Transistion File Input	1B1DOH	AQ31	1B300	BE07E PHMC/RC - Mechanical Engineers	80.00	HRS	6113.60
			1B1DOH	AQ31	1B300	BE17E PHMC/RC - Other Professionals	170.00	HRS	12122.70
PP0380	101555	Facility Drawing Updates	1B1DOH	GB00	1B300	BE07E PHMC/RC - Mechanical Engineers	340.00	HRS	25982.80
			1B1DOH	GB00	1B300	94P PHMC/PHMC FFS	11.48	\$	13773.47
									181117.69

ADVANCED REACTOR TRANSITION (FY02)

RESOURCE ALLOCATION/Cost by Activity Report
TRANSITION 309 BUILDING TO SHUTDOWN

ACT ID	CACN	ACTIVITY DESCRIPTION	CAPN	BUDGET COA	PERF ORG	RES	RES DESCRIPTION	BUDGET QUANTITY	RES UNITS	BUDGET COST
TRANSITION 309 BUILDING TO SHUTDOWN										
PP0420	101556	Interior Cleanout ~ FY02	1B1D0J	HH00	1B300	BE07E	PHMC/RC - Mechanical Engineers	310.00	HRS	23690.20
			1B1D0J	HH00	1B300	BT03N	PHMC/RC - Engineer Technicians	464.00	HRS	20810.40
PP0470	101556	ROOF REPAIR	1B1D0J	GH70	1B300	BE13E	PHMC/RC - Other Engineers	37.80	HRS	2828.57
			1B1D0J	GH70	1B300	94P	PHMC/PHMC FFS	142.38	\$	170824.68
										218153.85

RESOURCE ALLOCATION/Cost by Activity Report
337 B CRANE REPAIR

ACT ID	CACN	ACTIVITY DESCRIPTION	CAPN	BUDGET COA	PERF ORG	RES	RES DESCRIPTION	BUDGET QUANTITY	RES UNITS	BUDGET COST
337 B CRANE REPAIR										
LE0410	110009	337 B CRANE REPAIR	1B1C26	GB00	1C200	BE10E	PHMC/RC - Plant Engineers	362.00	HRS	20952.56
			1B1C26	GB00	1C200	21P	PHMC/PHMC PO Contracts (Non-Ta	81.98	\$	98357.96
			1B1C26	GB00	1C200	BC00B	PHMC/RC - Crafts	773.00	HRS	42167.15
										161477.67
										3552910.73

ADVANCED REACTOR TRANSITION (FY03)

RESOURCE ALLOCATION/Cost by Activity Report
NE LEGACY OCCUPANCY

RESOURCE ALLOCATION/Cost by Activity report									
NE LEGACY OCCUPANCY									
ACT	CACN	ACTIVITY	CAPN	BUDGET	PERF	RES	RES	BUDGET	BUDGET
ID		DESCRIPTION		COA	ORG		DESCRIPTION	QUANTITY	UNITS COST
NE LEGACY OCCUPANCY									
L00120	101541	FY2003 LEGACY OCCUPANCY	1B1C11	EB00	1C200	HE07E	PHMC/PHMC - Mechanical Engineer	960.00	65270.40
			1B1C11	EB00	65600	IC12B	PHMC/DyFacMain-Other Crafts	1326.00	107737.50
			1B1C11	EB00	52900	IE10E	PHMC/DyFacMain-Plant Engineers	477.00	43888.77
			1B1C11	EB00	1C200	10P	PHMC/PHMC Material & Equipment	10.00	12957.60
			1B1C11	EB00	1C200	SEP	PHMC/PHMC BPA Redistribution	60.00	71986.80
			1B1C11	AA40	1C200	71M	PHMC Fee Assessments - Unburde	115.00	115000.00
			1B1C11	EB00	1C200	HE10E	PHMC/PHMC - Plant Engineers	910.00	46855.90
			1B1C11	EB00	65800	CR07B	PHMC/DynC - Utilities System O	436.00	26120.76
			1B1C11	EB00		21P	PHMC/PHMC PO Contracts (Non-Ta	0.72	863.84
						19P	PHMC/PHMC Computer Hard/Softwa	1.05	1360.55
						6PP	PHMC/PHMC Computer Media Services	0.24	287.95
									492330.07

RESOURCE ALLOCATION/Cost by Activity Report
REMOVE & SHIP 337 CONTROLS & PIPING

RESOURCE ALLOCATION/Cost by Activity Report							
REMOVE & SHIP 337 CONTROLS & PIPING							
ACT ID	CACN	ACTIVITY DESCRIPTION	CAPN	BUDGET COA	PERF ORG	RES RES DESCRIPTION	BUDGET QUANTITY RES UNITS COST
REMOVE & SHIP 337 CONTROLS & PIPING							
LE0040	101542	REMOVE & SHIP 337 CONTROLS & PIPING	FY03	GB00	1C200	HE07E PHMC/PHMC - Mechanical Enginee	1910.00 HRS 129860.90
			1B1C21	GB00	1C200	LOP PHMC/PHMC Material & Equipment	4.10 \$ 5312.62
			1B1C21	GB00	1C200	93P PHMC/PHMC MMNN	23.89 \$ 28662.74
			1B1C21	GB00	1C200	94P PHMC/PHMC FFS	364.64 \$ 437487.78
			1B1C21	GB00	1C200	98P PHMC/PHMC Cogema	228.57 \$ 274233.71
			1B1C21	GB00	1C200	HE10E PHMC/PHMC - Plant Engineers	136.00 HRS 7002.64
			1B1C21	GB00	1C200	28P PHMC/PHMC Misc Adjustments	16.89 \$ 20264.28
			1B1C21	GB00	1C200		\$ 902824.67

RESOURCE ALLOCATION/Cost by Activity Report

ACT ID	CACN	ACTIVITY DESCRIPTION	CAPN	BUDGET COA	PERF ORG	RES	RES DESCRIPTION	BUDGET QUANTITY	RES UNITS	BUDGET COST
COMPLETE OPTIONS FOR NON RAD										
LE0100	101544	Drain/Clean CRCTA Vessel FY03	1B1C23	GB00	1C200	HE07E	PHMC/PHMC - Mechanical Engineer	220.00	HRS	14957.80
			1B1C23	GB00	1C200	21P	PHMC/PHMC PO Contracts (Non-Ta	109.64	\$	131543.88
			1B1C23	GB00	1C200	94P	PHMC/PHMC FFS	5.00	\$	5998.90
			1B1C23	GB00	1C200	10P	PHMC/PHMC Material & Equipment	6.23	\$	8072.58
										160573.16

ADVANCED REACTOR TRANSITION (FY03)

RESOURCE ALLOCATION/Cost by Activity Report
CLEAN 3718-M STORAGE TANK

ACT ID	CACN	ACTIVITY DESCRIPTION	CAPN	BUDGET COA	PERF ORG	RES	RES DESCRIPTION	BUDGET QUANTITY	RES UNITS	BUDGET COST
CLEAN 3718-M STORAGE TANK										
LE0130	101545	CLEAN 3718-M STORAGE TANK FY03	1B1C24	GB00	1C200	HE07E	PHMC/PHMC -- Mechanical Enginee	122.00	HRS	8294.78
			1B1C24	GB00	1C200	94P	PHMC/PHMC FFS	0.85	\$	1019.81
			1B1C24	GB00	1C200	98P	PHMC/PHMC Cogema	21.52	\$	25819.27
										35133.86

ACT ID	CACN	ACTIVITY DESCRIPTION	CAPN	BUDGET COA	PERF ORG	RES	RES DESCRIPTION	BUDGET QUANTITY	RES UNITS	BUDGET COST
NE LEGACY SUPPORT										
LE0180	101546	FY 2003 NE LEGACIES NA DISPOSITION PRJ. SUPP.	1B1C25	AQ31	1C200	HE07E	PHMC/PHMC - Mechanical Engineer	1800.00	HRS	122382.00
			1B1C25	AQ31	1C200	HE12E	PHMC/PHMC - Safety Engineers	20.00	HRS	1236.00
			1B1C25	AQ31	1C800	HP09E	PHMC/PHMC - In Hygienists	20.00	HRS	1192.40
			1B1C25	AQ31	1C500	HP15E	PHMC/PHMC - Trainers & Instruc	20.00	HRS	2061.60
			1B1C25	AQ31	4H700	HE05E	PHMC/PHMC - Environ Engineers	40.00	HRS	1276.80
			1B1C25	AQ31	1C200	94P	PHMC/PHMC FFS	9.58	\$	11493.89
										139642.09

ADVANCED REACTOR TRANSITION (FY03)

RESOURCE ALLOCATION/Cost by Activity Report
309 BUILDING FACILITY

ACT ID	CACN	ACTIVITY DESCRIPTION	CAPN	BUDGET COA	PERF ORG	RES	RES DESCRIPTION	BUDGET QUANTITY	RES UNITS	BUDGET COST
309 BUILDING FACILITY										
PO1170	101547	309 BLDG MANAGEMENT AND SUPPORT FY03	1B1D01	A010	1B300	BG04N	PHMC/RC - Secretaries	230.00	HRS	7277.20
			1B1D01	AA30	1B300	BM02E	PHMC/RC - Managers & Executive	350.00	HRS	32515.00
PO1172	101547	309 BLDG MANAGEMENT AND SUPPORT FY03	1B1D01	AA30	1B300	BM02E	PHMC/RC - Managers & Executive	324.00	HRS	30099.60
			1B1D01	A010	1B300	BG02N	PHMC/RC - Office Clerks/Genera	100.00	HRS	3028.00
PO1174	101547	309 BLDG MANAGEMENT AND SUPPORT FY03	1B1D01	AH10	1B300	BM02E	PHMC/RC - Managers & Executive	40.00	HRS	3716.00
			1B1D01	AA30	1B300	BM02E	PHMC/RC - Managers & Executive	100.00	HRS	9290.00
			1B1D01	A010	1B300	BG02N	PHMC/RC - Office Clerks/Genera	0.00	HRS	0.00
PO1240	101547	309 BLDG TRAINING	1B1D01	AH50	1B300	41P	PHMC/PHMC Training Services	5.00	\$	5998.90
			1B1D01	AH50	1B300	BE07E	PHMC/RC - Mechanical Engineers	80.00	HRS	6113.60
			1B1D01	AH50	1B300	BE10E	PHMC/RC - Plant Engineers	80.00	HRS	4630.40
			1B1D01	AH50	1B300	BP08E	PHMC/RC - Health Physicists	40.00	HRS	2727.20
			1B1D01	AH50	1B300	BT05B	PHMC/RC - Health Physics Techn	60.00	HRS	3216.00
			1B1D01	AH50	1B300	BR04B	PHMC/RC - Nuclear Plant Operat	60.00	HRS	3361.20
			1B1D01	AH20	1B300	BP15E	PHMC/RC - Trainers & Instructo	50.00	HRS	2896.50
PO1340	101547	309 BLDG BASELINE CONTROL/PBS/MYPP	1B1D01	AQ00	1B300	BE07E	PHMC/RC - Mechanical Engineers	160.00	HRS	12227.20
			1B1D01	AQ00	1B300	BP01E	PHMC/RC - Accountants & Audito	720.00	HRS	40068.00
PO1440	101547	309 BLDG UTILITIES AND ASSESSEMENTS	1B1D01	A020	1B300	SEP	PHMC/PHMC BPA Redistribution	8.40	\$	10078.15
			1B1D01	FE00	1B300	93P	PHMC/PHMC WMNW	3.00	\$	3599.34
			1B1D01	A020	1B300	10P	PHMC/PHMC Material & Equipment	11.96	\$	15497.29
			1B1D01	A020	1B300	4VP	PHMC/PHMC Fleet	3.00	\$	3599.34
			1B1D01	AA40	1B300	71M	PHMC Fee Assessments - Unburde	115.00	\$	115000.00
			1B1D01	BC40	1B300	94P	PHMC/PHMC FFS	19.50	\$	23395.71
			1B1D01	CB10	1B300	3DP	PHMC/PHMC Other Hanford Contris	7.20	\$	8638.42
			1B1D01	FE10	1B300	23P	PHMC/PHMC Misc Purch Srvs-Taxe	7.90	\$	9478.26
			1B1D01	EA00	1B300	23P	PHMC/PHMC Misc Purch Srvs-Taxe	8.25	\$	9898.19
			1B1D01	A020	65F00	23P	PHMC/PHMC Misc Purch Srvs-Taxe	16.25	\$	19496.43
PO2240	101547	309 BLDG PROCEDURE PREPERATION AND MAINT	1B1D01	AJ70	1B300	97P	PHMC/PHMC LMSI	2.00	\$	2519.54
			1B1D01	BC10	1B300	BE10E	PHMC/RC - Plant Engineers	50.00	HRS	2894.00
			1B1D01	BC10	1B300	BE07E	PHMC/RC - Mechanical Engineers	100.00	HRS	7642.00
PO2340	101547	309 BLDG INDEPENDENT OVERSITE	1B1D01	AL20	1B300	BE11E	PHMC/RC - Quality Control Engi	40.00	HRS	2778.40
			1B1D01	CB70	1B300	BE12E	PHMC/RC - Safety Engineers	140.00	HRS	9724.40
			1B1D01	CB20	1B300	BP09E	PHMC/RC - In Hygienists	40.00	HRS	2680.40
			1B1D01	CB30	1B300	BE13E	PHMC/RC - Other Engineers	40.00	HRS	2993.20
PO2440	101547	309 BLDG MANAGEMENT ASSESSEMENTS	1B1D01	AK10	1B300	BE12E	PHMC/RC - Safety Engineers	40.00	HRS	2778.40
			1B1D01	AK10	1B300	BE05E	PHMC/RC - Environmental Engine	80.00	HRS	5740.80
			1B1D01	AK10	1B300	BE11E	PHMC/RC - Quality Control Engi	80.00	HRS	5556.80
			1B1D01	AK10	1B300	BP08E	PHMC/RC - Health Physicists	120.00	HRS	8181.60
PO2540	101547	309 BLDG ENVIRONMENTAL COMPLIANCE	1B1D01	CA40	1B300	BR07E	PHMC/RC - Mechanical Engineers	80.00	HRS	6113.60
			1B1D01	CA40	1B300	BR05E	PHMC/RC - Environmental Engine	80.00	HRS	5740.80
PO3140	101547	309 BLDG BUILDING OPERATIONS SURVEILLANCE	1B1D01	EB00	1B300	BE10E	PHMC/RC - Plant Engineers	130.00	HRS	7524.40
			1B1D01	EB00	1B300	BR07E	PHMC/RC - Mechanical Engineers	120.00	HRS	9170.40
			1B1D01	CB10	1B300	BR04B	PHMC/RC - Nuclear Plant Operat	470.00	HRS	26329.40
PO3240	101547	309 BLDG HEALTH PHYSICS SURVEILLANCE	1B1D01	CB10	1B300	BP08E	PHMC/RC - Health Physicists	200.00	HRS	13636.00
			1B1D01	CB10	1B300	BT05B	PHMC/RC - Health Physics Techn	400.00	HRS	21440.00
			1B1D01	CB10	1B300	BR04B	PHMC/RC - Nuclear Plant Operat	120.00	HRS	6722.40
PO4140	101547	309 BLDG CORRECTIVE MAINTENANCE	1B1D01	FA20	1B300	10P	PHMC/PHMC Material & Equipment	5.00	\$	6478.80
			1B1D01	FA20	1B300	BR04B	PHMC/RC - Nuclear Plant Operat	108.00	HRS	11091.96

1B1D01	FA20	1B300	BT05B	PHMC/RC - Health Physics Techn	120.00	HRS	6432.00
1B1D01	BD00	1B300	BE10E	PHMC/RC - Plant Engineers	225.00	HRS	13023.00
1B1D01	BD00	1B300	BE07E	PHMC/RC - Mechanical Engineers	125.00	HRS	9552.50
1B1D01	FA20	65400	CC00H	PHMC/Dync - Craft	240.00	HRS	14779.20
1B1D01	CA40	1B300	BE05E	PHMC/RC - Environmental Engine	30.00	HRS	2152.80
1B1D01	FA10	1B300	44P	PHMC/PHMC Crane/Rigging-Lab/Eq	6.00	\$	7198.68
1B1D01	FA10	1B300	BT05B	PHMC/RC - Health Physics Techn	100.00	HRS	5360.00
1B1D01	EA00	1B300	BE04E	PHMC/RC - Electrical Engineers	110.00	HRS	8009.10
1B1D01	BD00	1B300	BE10E	PHMC/RC - Plant Engineers	225.00	HRS	13023.00
1B1D01	FA10	1B300	BE07E	PHMC/RC - Mechanical Engineers	225.00	HRS	17194.50
1B1D01	FA10	65400	CL07B	PHMC/Dync - Light Vehicle Driv	32.00	HRS	1592.96

PO4250 101547 309 BLDG PREVENTIVE MAINTENANCE

ADVANCED REACTOR TRANSITION (FY03)

RESOURCE ALLOCATION/Cost by Activity Report
309 BUILDING FACILITY

ACT ID	CACN	ACTIVITY DESCRIPTION	CAPN	BUDGET COA	PERF ORG	RES	RES DESCRIPTION	BUDGET QUANTITY	RES UNITS	BUDGET COST
309 BUILDING FACILITY										
P04350	101547	309 BLDG JOB PLANNING AND WORK CONTROL	1B1D01	FX30	1B300	BE13E	PHMC/RC - Other Engineers	208.00	HRS	15564.64
			1B1D01	EJ00	1B300	BE04E	PHMC/RC - Electrical Engineers	80.00	HRS	5824.80
			1B1D01	EJ00	1B300	BE07E	PHMC/RC - Mechanical Engineers	770.00	HRS	58843.40
			1B1D01	EJ00	1B300	BE10E	PHMC/RC - Plant Engineers	603.00	HRS	34901.64
			1B1D01	EJ00	1B300	BE13E	PHMC/RC - Other Engineers	65.00	HRS	4863.95
			1B1D01	EJ00	1B300	BE17E	PHMC/RC - Other Professionals	807.27	HRS	57566.42
										829465.82

RESOURCE ALLOCATION/Cost by Activity Report
STABILIZE 309 BLDG STACKS AND PITS

ACT ID	CACN	ACTIVITY DESCRIPTION	CAPN	BUDGET COA	PERF ORG	RES	RES DESCRIPTION	BUDGET QUANTITY	RES UNITS	BUDGET COST
STABILIZE 309 BLDG STACKS AND PITS										
PP0230	101554	CHARACTERIZATION - HVAC STACKS AND PITS	1B1D0G	GB00	1BC00	BR05B	PHMC/RC - Nuclear Waste Proc O	72.00	HRS	3668.40
			1B1D0G	GB00	1BC00	BT05B	PHMC/RC - Health Physics Techn	214.00	HRS	11470.40
			1B1D0G	GB00	1B300	10P	PHMC/PHMC Material & Equipment	1.42	\$	1839.98
			1B1D0G	GB00	1B300	51P	PHMC/PHMC 222S Sample Analysis	17.04	\$	20444.25
			1B1D0G	GB00	1B300	44P	PHMC/PHMC Crane/Rigging-Lab/Eq	8.52	\$	10222.13
			1B1D0G	GB00	1B300	93P	PHMC/PHMC WMNW	11.22	\$	13461.53
			1B1D0G	GB00	1B300	BE12E	PHMC/RC - Safety Engineers	125.00	HRS	8682.50
			1B1D0G	GB00	1B300	BE07E	PHMC/RC - Mechanical Engineers	300.00	HRS	22926.00
			1B1D0G	GB00	65600	CC00B	PHMC/DynC - Crafts	45.00	HRS	2771.10
			1B1D0G	GB00	1B300	BE12E	PHMC/RC - Safety Engineers	375.00	HRS	26047.50
PP0240	101554	CLEANOUT/STABILIZE - HVAC STACKS AND PITS	1B1D0G	GB00	1B300	BE13E	PHMC/RC - Other Engineers	400.00	HRS	29932.00
			1B1D0G	GB00	1B300	BR05B	PHMC/RC - Nuclear Waste Proc O	615.00	HRS	31334.25
			1B1D0G	GB00	1B300	BT05B	PHMC/RC - Health Physics Techn	315.00	HRS	16884.00
			1B1D0G	GB00	1B300	10P	PHMC/PHMC Material & Equipment	21.30	\$	27599.69
			1B1D0G	GB00	1B300	44P	PHMC/PHMC Crane/Rigging-Lab/Eq	19.14	\$	22963.79
			1B1D0G	GB00	1B300	BE10E	PHMC/RC - Plant Engineers	200.00	HRS	11576.00
			1B1D0G	GB00	65600	CC00B	PHMC/DynC - Crafts	205.00	HRS	12623.90
			1B1D0G	AQ31	1B300	BE13E	PHMC/RC - Other Engineers	75.00	HRS	5612.25
			1B1D0G	AQ31	3P000	WE13E	PHMC/WM - Other Engineers	115.00	HRS	8674.45
			1B1D0G	EF00	1B300	BE13E	PHMC/RC - Other Engineers	400.00	HRS	29932.00
PP0260	101554	WASTE SHIPMENT - HVAC STACKS AND PITS	1B1D0G	EF00	1B300	BR05B	PHMC/RC - Nuclear Waste Proc O	270.00	HRS	13756.50
			1B1D0G	EF00	1B300	BT05B	PHMC/RC - Health Physics Techn	100.00	HRS	5360.00
			1B1D0G	EF00	1B300	44P	PHMC/PHMC Crane/Rigging-Lab/Eq	10.71	\$	12849.64
			1B1D0G	EF00	65600	CC00B	PHMC/DynC - Crafts	50.00	HRS	3079.00
			1B1D0G	EF00	65400	CL07B	PHMC/DynC - Light Vehicle Driv	16.00	HRS	796.48
			1B1D0G	EF00	1B300	93P	PHMC/PHMC WMNW	1.00	\$	1199.78
			1B1D0G	EF00	1B300	54P	PHMC/PHMC Solid Waste Disposal	8.00	\$	9596.24
			1B1D0G	AQ31	1B300	BE13E	PHMC/RC - Other Engineers	360.00	HRS	26938.80
			1B1D0G	AQ31	1B300	BP17E	PHMC/RC - Other Professionals	65.00	HRS	4635.15

396879.71										

RESOURCE ALLOCATION/Cost by Activity Report

ACT ID	CACN	ACTIVITY DESCRIPTION	CAPN	BUDGET COA	PERF ORG	RES	RES DESCRIPTION	BUDGET QUANTITY	RES UNITS	BUDGET COST
FACILITY DOCUMENT UPDATES										
PP0320	101555	Final Safety Basis Review	1B1D0H	AQ31	1B300	BE07E	PHMC/RC - Mechanical Engineers	212.00	HRS	16201.04
			1B1D0H	AQ31	1B300	BE13E	PHMC/RC - Other Engineers	32.00	HRS	2394.56
			1B1D0H	AQ31	1B300	EM02E	PHMC/RC - Managers & Executive	32.00	HRS	2972.80
			1B1D0H	AQ31	1B300	10P	PHMC/PHMC Material & Equipment	0.64	\$	829.29
PP0343	101555	Facility Transition File Input	1B1D0H	AQ31	1B300	BE07E	PHMC/RC - Mechanical Engineers	80.00	HRS	6113.60
			1B1D0H	AQ31	1B300	BP17E	PHMC/RC - Other Professionals	170.00	HRS	12122.70
PP0382	101555	Facility Drawing Updates	1B1D0H	GB00	1B300	BE07E	PHMC/RC - Mechanical Engineers	380.00	HRS	29039.60
			1B1D0H	GB00	1B300	94P	PHMC/PHMC FPS	23.00	\$	27594.94
										97268.53

RESOURCE ALLOCATION/Cost by Activity Report
TRANSITION 309 BUILDING TO SHUTDOWN

RESOURCE ALLOCATION/Cost by Activity Report										
TRANSITION 309 BUILDING TO SHUTDOWN										
ACT	CACN	ACTIVITY DESCRIPTION	CAPN	BUDGET COA	PERF ORG	RES	RES DESCRIPTION	BUDGET QUANTITY	RES UNITS	BUDGET COST
ID										
TRANSITION 309 BUILDING TO SHUTDOWN										
PP0422	101556	Interior Cleanout - FY03	1B1D0J 1B1D0J	HH00 HH00	1B300 1B300	BE07E BT03N	PHMC/RC - Mechanical Engineers PHMC/RC - Engineer Technicians	680.00 2243.00	HRS HRS	51965.60 100598.55
PP0460	101556	Electrical Deactivation - FY03	1B1D0J 1B1D0J	GH00 GH00	1B300 65600	BE07E IC02B	PHMC/RC - Mechanical Engineers PHMC/DyFacMain-Electricians	340.00 360.00	HRS HRS	25982.80 31082.40
PP0475	101556	ROOF REPAIR	1B1D0J 1B1D0J	GH70 GH70	1B300 1B300	BE13E 94P	PHMC/RC - Other Engineers PHMC/PHMC FFS	43.20 205.62	HRS \$	3232.66 246698.76
PP0480	101556	Secure Facility	1B1D0J 1B1D0J 1B1D0J	GH50 GH50 GH50	1B300 65600 1B300	BE13E IC09B 10P	PHMC/RC - Other Engineers PHMC/DyFacMain-Struct/Metal Wk PHMC/PHMC Material & Equipment	80.00 80.00 24.00	HRS HRS \$	5986.40 6490.40 31098.24
PP0490	101556	Seal Facility Exterior	1B1D0J 1B1D0J	GH50 GH50	1B300 65600	BE13E IC07B	PHMC/RC - Other Engineers PHMC/DyFacMain-Painters	320.00 640.00	HRS HRS	23945.60 51449.60
										578531.01
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RESOURCE ALLOCATION/Cost by Activity Report
ONE LEGACY OCCUPANCY

ACT ID	CACN	ACTIVITY DESCRIPTION	CATN	BUDGET COA	PERF ORG	REF	REG DESCRIPTION	BUDGET QUANTITY	RFS UNITS	BUDGET COST
NE LEGACY OCCUPANCY										
L00140	101541	FY2004 LEGACY OCCUPANCY	1B1C11	EB00	1C200	HE07E	PHMC/PHMC - Mechanical Engineer	960.00	HRS	65270.40
			1B1C11	EB00	65600	IC12B	PHMC/DyFacMain-Other Crafts	952.00	HRS	77350.00
			1B1C11	EB00	52900	IE10E	PHMC/DyFacMain-Plant Engineers	477.00	HRS	43888.77
			1B1C11	EB00	1C200	10P	PHMC/PHMC Material & Equipment	10.00	\$	12957.60
			1B1C11	EB00	1C200	SEP	PHMC/PHMC BPA Redistribution	60.00	\$	71986.80
			1B1C11	AA40	1C200	71M	PHMC Fee Assessments - Unburde	100.00	\$	100000.00
			1B1C11	EB00	1C200	HE10E	PHMC/PHMC - Plant Engineers	910.00	HRS	46855.90
			1B1C11	EB00	CR07B	CR07B	PHMC/DynC - Utilities System O	436.00	HRS	26120.76
			1B1C11	EB00	65800	21P	PHMC/PHMC PO Contracts (Non-Ta	0.72	\$	863.84
					19P	19P	PHMC/PHMC Computer Hard/Softwa	1.05	\$	1360.55
					6PP	6PP	PHMC/PHMC Media Services	0.24	\$	287.95
										446942.57

RESOURCE ALLOCATION/Cost by Activity Report
REMOVE & SHIP 337 CONTROLS & PIPING

ACT ID	CACN	ACTIVITY DESCRIPTION	CAPN	BUDGET COA	PERF ORG	RES	RES DESCRIPTION	BUDGET QUANTITY	RES UNITS	BUDGET COST
REMOVE & SHIP 337 CONTROLS & PIPING										
LE0050	101542	REMOVE & SHIP 337 CONTROLS & PIPING FY04	1B1C21	GB00	1C200	HE07E	PHMC/PHMC - Mechanical Engineer	956.00	HRS	64998.44
			1B1C21	GB00	1C200	10P	PHMC/PHMC Material & Equipment	0.26	\$	336.90
			1B1C21	GB00	1C200	93P	PHMC/PHMC WMNW	13.15	\$	15777.11
			1B1C21	GB00	1C200	94P	PHMC/PHMC FFS	237.48	\$	284923.75
			1B1C21	GB00	1C200	98P	PHMC/PHMC Cogema	5.29	\$	6346.84
			1B1C21	GB00	1C200	HE10E	PHMC/PHMC - Plant Engineers	69.00	HRS	3552.81
			1B1C21	GB00	1C200	28P	PHMC/PHMC Misc Adjustments	8.94	\$	10726.03
										386661.88

RESOURCE ALLOCATION/Cost by Activity Report
CLEAN 3718-M STORAGE TANK

ACT ID	CACN	ACTIVITY DESCRIPTION	CAPN	BUDGET COA	PERF ORG	RES	RES DESCRIPTION	BUDGET QUANTITY	RES UNITS	BUDGET COST
CLEAN 3718-M STORAGE TANK										
LE0140	101545	CLEAN 3718-M STORAGE TANK FY04	1B1C24	GB00	1C200	HE07E	PHMC/PHMC - Mechanical Engineer	150.00	HRS	10198.50
			1B1C24	GB00	1C200	94P	PHMC/PHMC FFS	1.17	\$	1403.74
			1B1C24	GB00	1C200	98P	PHMC/PHMC Cogema	24.82	\$	29778.54
										41380.78

RESOURCE ALLOCATION/Cost by Activity Report

ACT ID	CACN	ACTIVITY DESCRIPTION	CAPN	BUDGET COA	PERF ORG	RES DESCRIPTION	BUDGET QUANTITY	RES UNITS	BUDGET COST
NE LEGACY SUPPORT									
LE0190	101546	FY 2004 NE LEGACIES NA DISPOSITION PRJ. SUPP.	1B1C25	AQ31	1C200	HE07E PHMC/PHMC - Mechanical Engineer	1800.00	HRS	122382.00
			1B1C25	AQ31	1C200	HE12E PHMC/PHMC - Safety Engineers	20.00	HRS	1236.00
			1B1C25	AQ31	1C800	HP09E PHMC/PHMC - In Hygienists	20.00	HRS	1192.40
			1B1C25	AQ31	1C500	HP15E PHMC/PHMC - Trainers & Instruc	40.00	HRS	2061.60
			1B1C25	AQ31	4H700	HE05E PHMC/PHMC - Environ Engineers	20.00	HRS	1276.80
			1B1C25	AQ31	1C200	94P PHMC/PHMC FFS	9.58	\$	11493.89
									139642.69

ADVANCED REACTOR TRANSITION (FY04)

RESOURCE ALLOCATION/Cost by Activity Report
309 BUILDING FACILITY

ACT ID	CACN	ACTIVITY DESCRIPTION	CAPN	BUDGET COA	PERF ORG	RES	RES DESCRIPTION	BUDGET QUANTITY	RES UNITS	BUDGET COST
309 BUILDING FACILITY										
P01176	101547	309 BLDG MANAGEMENT AND SUPPORT FY04	1B1D01 1B1D01	A010 AA30	1B300 1B300	BG04N BM02E	PHMC/RC - Secretaries PHMC/RC - Managers & Executive	230.00 350.00	HRS HRS	7277.20 32515.00
P01178	101547	309 BLDG MANAGEMENT AND SUPPORT FY04	1B1D01 1B1D01	AA30 A010	1B300 1B300	BM02E BG02N	PHMC/RC - Managers & Executive PHMC/RC - Office Clerks/Genera	324.00 100.00	HRS HRS	30099.60 3028.00
P01180	101547	309 BLDG MANAGEMENT AND SUPPORT FY04	1B1D01 1B1D01 1B1D01	AH10 AA30 A010	1B300 1B300 1B300	BM02E BM02E BG02N	PHMC/RC - Managers & Executive PHMC/RC - Managers & Executive PHMC/RC - Office Clerks/Genera	40.00 100.00 0.00	HRS HRS HRS	3716.00 9290.00 0.00
P01250	101547	309 BLDG TRAINING	1B1D01 1B1D01 1B1D01 1B1D01 1B1D01 1B1D01 1B1D01	AH50 AH50 AH50 AH50 AH50 AH20	1B300 1B300 1B300 1B300 1B300 1B300	41P BE07E BE10E BP08E BT05B BR04B BP15E	PHMC/PHMC Training Services PHMC/RC - Mechanical Engineers PHMC/RC - Plant Engineers PHMC/RC - Health Physicists PHMC/RC - Health Physics Techn PHMC/RC - Nuclear Plant Operat PHMC/RC - Trainers & Instructo	5.00 80.00 80.00 40.00 60.00 60.00 50.00	\$ HRS HRS HRS HRS HRS HRS	5998.90 6113.60 4630.40 2727.20 3216.00 3361.20 2896.50
P01350	101547	309 BLDG BASELINE CONTROL/PBS/MYPP	1B1D01 1B1D01	AQ00 AQ00	1B300 1B300	BE07E BP01E	PHMC/RC - Mechanical Engineers PHMC/RC - Accountants & Audito	160.00 720.00	HRS HRS	12227.20 40068.00
P01450	101547	309 BLDG UTILITIES AND ASSESSEMENTS	1B1D01 1B1D01 1B1D01 1B1D01 1B1D01 1B1D01 1B1D01 1B1D01 1B1D01 1B1D01	A020 FE00 A020 A020 AA40 1B1D01 BC40 CB10 FF10 KA00 A020	1B300 1B300 1B300 1B300 1B300 1B300 1B300 1B300 1B300 65F00 23P	5EP 93P 10P 4VP 71M 94P 3DP 23P 21P 23P	PHMC/PHMC BPA Redistribution PHMC/PHMC Material & Equipment PHMC/PHMC Fleet PHMC Fee Assessments - Unburde PHMC/PHMC FFS PHMC/PHMC Other Hanford Contrs PHMC/PHMC Misc Purch Svcs-Taxe PHMC/PHMC Misc Purch Svcs-Taxe PHMC/PHMC Misc Purch Svcs-Taxe PHMC/PHMC Misc Purch Svcs-Taxe	8.40 3.00 11.96 3.00 20.00 19.50 7.20 7.90 8.24 16.25	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$	10078.15 3599.34 15497.29 3599.34 20000.00 23395.71 8638.42 9478.26 9898.19 19496.43
P02250	101547	309 BLDG PROCEDURE PREPARATION AND MAINT	1B1D01 1B1D01 1B1D01	AJ70 BC10 BC10	1B300 1B300 1B300	97P BE10E BE07E	PHMC/RC - Plant Engineers PHMC/RC - Mechanical Engineers	2.00 50.00 100.00	\$ HRS HRS	2519.54 2894.00 7642.00
P02350	101547	309 BLDG INDEPENDENT OVERSITE	1B1D01 1B1D01 1B1D01 1B1D01	AL20 CB70 CB20 CB30	1B300 1B300 1B300 1B300	BE11E BE12E BP09E BE13E	PHMC/RC - Quality Control Engi PHMC/RC - Safety Engineers PHMC/RC - In Hygienists PHMC/RC - Other Engineers	40.00 140.00 40.00 40.00	HRS HRS HRS HRS	2778.40 9724.40 2680.40 2993.20
P02450	101547	309 BLDG MANAGEMENT ASSESSEMENTS	1B1D01 1B1D01 1B1D01 1B1D01	AK10 AK10 AK10 AK10	1B300 1B300 1B300 1B300	BE12E BE05E BE11E BP08E	PHMC/RC - Safety Engineers PHMC/RC - Environmental Engine PHMC/RC - Quality Control Engi PHMC/RC - Health Physicists	40.00 80.00 80.00 120.00	HRS HRS HRS HRS	2778.40 5740.80 5556.80 8181.60
P02550	101547	309 BLDG ENVIRONMENTAL COMPLIANCE	1B1D01 1B1D01	CA40 CA40	1B300 1B300	BE07E BE05E	PHMC/RC - Mechanical Engineers PHMC/RC - Environmental Engine	80.00 80.00	HRS HRS	6113.60 5740.80
P03150	101547	309 BLDG BUILDING OPERATIONS SURVEILLANCE	1B1D01 1B1D01 1B1D01	EB00 EB00 CB10	1B300 1B300 1B300	BE10E BE07E BR04B	PHMC/RC - Plant Engineers PHMC/RC - Mechanical Engineers PHMC/RC - Nuclear Plant Operat	130.00 120.00 470.00	HRS HRS HRS	7524.40 9170.40 26329.40
P03250	101547	309 BLDG HEALTH PHYSICS SURVEILLANCE	1B1D01 1B1D01 1B1D01	CB10 CB10 CB10	1B300 1B300 1B300	BP08E BT05B BR04B	PHMC/RC - Health Physicists PHMC/RC - Health Physics Techn PHMC/RC - Nuclear Plant Operat	200.00 400.00 120.00	HRS HRS HRS	13636.00 21440.00 6722.40
P04150	101547	309 BLDG CORRECTIVE MAINTENANCE	1B1D01 1B1D01	FA20 FA20	1B300 1B300	10P BR04B	PHMC/PHMC Material & Equipment PHMC/RC - Nuclear Plant Operat	5.00 198.00	\$ HRS	6478.80 11091.96

PO4260	101547	309 BLDG PREVENTIVE MAINTENANCE	1B1D01	FA20	1BC00	BT05B	PHMC/RC - Health Physics Techn	120.00	HRS	6432.00
			1B1D01	BD00	1B300	BE10E	PHMC/RC - Plant Engineers	225.00	HRS	13023.00
			1B1D01	B000	1B300	BE07E	PHMC/RC - Mechanical Engineers	125.00	HRS	9552.50
			1B1D01	FA20	65600	CC00B	PHMC/DynC - Crafts	240.00	HRS	14779.20
			1B1D01	CA40	1BD00	BE05E	PHMC/RC - Environmental Engine	30.00	HRS	2152.80
			1B1D01	FA10	1B300	44P	PHMC/PHMC Crane/Rigging-Lab/Eq	6.00	\$	7198.68
			1B1D01	FA10	1BC00	BT05B	PHMC/RC - Health Physics Techn	100.00	HRS	5360.00
			1B1D01	EA00	1B300	BE04E	PHMC/RC - Electrical Engineers	110.00	HRS	8009.10
			1B1D01	BD00	1B300	BE10E	PHMC/RC - Plant Engineers	225.00	HRS	13023.00
			1B1D01	FA10	1B300	BE07E	PHMC/RC - Mechanical Engineers	225.00	HRS	17194.50
			1B1D01	FA10	65400	CL07B	PHMC/DynC - Light Vehicle Driv	32.00	HRS	1592.96

RESOURCE ALLOCATION/Cost by Activity Report
309 BUILDING FACILITY

ACT ID	CACN	ACTIVITY DESCRIPTION	CAPN	BUDGET COA	PERF ORG	RES DESCRIPTION	BUDGET QUANTITY	RES UNITS	BUDGET COST
309 BUILDING FACILITY									
PO4360	101547	309 BLDG JOB PLANNING AND WORK CONTROL	1B1D01	FA30	1B300	BE13E PHMC/RC - Other Engineers	208.00	HRS	15564.64
			1B1D01	EJ00	1B300	BE04E PHMC/RC - Electrical Engineers	80.00	HRS	5824.80
			1B1D01	EJ00	1B300	BE07E PHMC/RC - Mechanical Engineers	770.00	HRS	58843.40
			1B1D01	EJ00	1B300	BE10E PHMC/RC - Plant Engineers	603.00	HRS	34901.64
			1B1D01	EJ00	1B300	BE13E PHMC/RC - Other Engineers	65.00	HRS	4863.95
			1B1D01	EJ00	1B300	BP17E PHMC/RC - Other Professionals	807.27	HRS	57566.42
									734465.82

FACILITY DOCUMENT UPDATES									
ACT ID	CACN	ACTIVITY DESCRIPTION	CAPN	BUDGET COA	PERF ORG	RES	RES DESCRIPTION	BUDGET QUANTITY	RES UNITS COST
FACILITY DOCUMENT UPDATES									
PR0344	101555	Facility Transition File Input	1B1D0H	AQ31	1B300	BE07E	PHMC/RC - Mechanical Engineers	170.00	HRS 12991.40
			1B1D0H	AQ31	1B300	BP17E	PHMC/RC - Other Professionals	350.00	HRS 24958.50
PR0304	101555	Facility Drawing Updation	1B1D0H	GB00	1B300	BP07E	PHMC/RC - Mechanical Engineers	500.00	HRS 36210.00
			1B1D0H	GB00	1B300	94P	PHMC/PHMC FFS	31.00	\$ 37193.18
									113353.08
									1862446.82

FACILITY DOCUMENT UPDATES

PP0344 101555 Facility Transition File Input

101555 Family Drawing Questionnaire

RESOURCE ALLOCATION/Cost by Activity Report
NF LEGACY OCCUPANCY

ACT ID	CACN	ACTIVITY DESCRIPTION	CAPN	BUDGET COA	PERF ORG	RES	RES DESCRIPTION	BUDGET QUANTITY	RES UNITS	BUDGET COST
NE LEGACY OCCUPANCY										
L00150	101541	FY2005 LEGACY OCCUPANCY	1B1C11	EB00	1C200	HE07E	PHMC/PHMC - Mechanical Engineer	960.00	HRS	65270.40
			1B1C11	EB00	65600	IC12B	PHMC/DyFacMain-Plant Crafts	952.00	HRS	77350.00
			1B1C11	EB00	52900	IE10E	PHMC/DyFacMain-Other Engineers	477.00	HRS	43888.77
			1B1C11	EB00	1C200	10P	PHMC/PHMC Material & Equipment	10.00	\$	12957.60
			1B1C11	EB00	1C200	5EP	PHMC/PHMC BPA Redistribution	60.00	\$	71986.80
			1B1C11	AA40	1C200	7IM	PHMC fee Assessments - Unburde	100.00	\$	100000.00
			1B1C11	EB00	1C200	HE10E	PHMC/PHMC - Plant Engineers	910.00	HRS	46855.90
			1B1C11	EB00	65800	CRO7B	PHMC/DynC - Utilities System O	436.00	HRS	26120.76
			1B1C11	EB00		21P	PHMC/PHMC PO Contracts (Non-Ta	0.72	\$	863.84
						19P	PHMC/PHMC Computer Hard/Softwa	1.05	\$	1360.55
						6PP	PHMC/PHMC Media Services	0.24	\$	287.95
										446942.57

RESOURCE ALLOCATION/Cost by Activity Report
REMOVE & SHIP 337 CONTROLS & PIPING

ACT ID	CACN	ACTIVITY DESCRIPTION	CACN	BUDGET COA	PERF ORG	RES	RES DESCRIPTION	BUDGET QUANTITY	RES UNITS	BUDGET COST
REMOVE & SHIP 337 CONTROLS & PIPING										
LE0060	101542	REMOVE & SHIP 337 CONTROLS & PIPING FY05	1B1C21	GB00	1C200	HE07E	PHMC/PHMC - Mechanical Engine	530.00	HRS	36034.70
			1B1C21	GB00	1C200	10P	PHMC/PHMC Material & Equipment	2.40	\$	3109.82
			1B1C21	GB00	1C200	93P	PHMC/PHMC WNNW	12.45	\$	14937.26
			1B1C21	GB00	1C200	94P	PHMC/PHMC FFS	233.10	\$	279868.72
			1B1C21	GB00	1C200	98P	PHMC/PHMC Cogema	5.30	\$	6358.83
			1B1C21	GB00	1C200	HE10E	PHMC/PHMC - Plant Engineers	51.00	HRS	2625.99
			1B1C21	GB00	1C200	28P	PHMC/PHMC Misc Adjustments	5.00	\$	5998.90
										348734.22

RESOURCE ALLOCATION/Cost by Activity Report

[illegible]

ACT ID	CACN	ACTIVITY DESCRIPTION	CAPN	BUDGET COA	PERF ORG	RES	RES DESCRIPTION	BUDGET QUANTITY	RES UNITS	BUDGET COST
NE LEGACY SUPPORT										
LF0200	101546	FY 2005 NE LEGACIES NA DISPOSITION PRJ. SUPP.	1B1C25	AQ31	1C200	HE07E	PHMC/PHMC - Mechanical Engineer	1742.00	HRS	118438.58
			1B1C25	AQ31	1C200	HE12E	PHMC/PHMC - Safety Engineers	20.00	HRS	1236.00
			1B1C25	AQ31	1C800	HP09E	PHMC/PHMC - In Hygienists	20.00	HRS	1192.40
			1B1C25	AQ31	1C500	HP15E	PHMC/PHMC - Trainers & Instruc	40.00	HRS	2061.60
			1B1C25	AQ31	4H700	HE05E	PHMC/PHMC - Environ Engineers	20.00	HRS	1276.80
			1B1C25	AQ31	1C200	94P	PHMC/PHMC FFS	9.58	\$	11493.89
										135699.27

NE LEGACY SUPPORT

[illegible]

950268.85