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9405036B R2

Subject: ADVANCED REACTORS TRANSITION FISCAL YEAR 1995 MULTI-YEAR PROGRAM PLAN
FOR WORK BREAKDOWN STRUCTURE 7.3

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X	<u>JM Steffen</u> 9/16/94	J. M. Steffen	N1-47	X
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September 22, 1994

9405036B R2

Mr. O. A. Farabee, Acting Director
Transition Program Division
U.S. Department of Energy
Richland Operations Office
Richland, Washington 99352

Dear Mr. Farabee:

ADVANCED REACTORS TRANSITION FISCAL YEAR 1995 MULTI-YEAR PROGRAM PLAN FOR
WORK BREAKDOWN STRUCTURE 7.3

- References: (1) Letter, J. E. Mecca, RL, to President, WHC, "Revised Guidance in the Development of the Fiscal Year Work Plan/Multi-Year Program Plan (FYWP/MYPP) for Advanced Reactors Program (ARP), WBS 7.3," OTD:RAA, dated July 29, 1994.
- (2) Letter, J. D. Wagoner, RL, to A. L. Trego, WHC, "Fiscal Year/Multi-Year Program Plan and Work Authorization Signing Ceremony," OPI:FDC, dated July 5, 1994.

Attached is the WHC/DOE approved Advanced Reactors Transition Fiscal Year (FY) 1995 Multi-Year Program Plan (MYPP). The attachment herein satisfies the commitment to deliver an approved plan on or before September 23, 1994 (Reference 2).

The attached MYPP scope/schedule/budget reflects the guidance provided in Reference 1. The Budgeted Cost of Work Scheduled (BCWS) for FY 1995 is planned at \$63.6 million and the assumed funding guidance is \$61.3 million as shown in Reference 1. The difference between BCWS and funding guidance is the Cost Reduction Initiative.

All changes to the scope/schedule/cost baselines in the MYPP will be managed through formal change control.

Please direct any questions on this MYPP to Mr. S. Guttenberg, on 376-9910,
or Mr. E. F. Loika on 376-0758.

Very truly yours,

A handwritten signature in dark ink, appearing to read "J. C. Midgett".

J. C. Midgett, Director
FFTF Transition Project
Transition Projects

bgs

Attachment 1

RL - R. A. Almquist (10)
R. C. Budzich
K. A. Benguiat
K. D. Cameron (2)
J. M. Escamillo
R. G. Hastings
J. E. Mecca
N. D. Moorer
R. O. Puthoff (w/o attachment)

ENGINEERING DATA TRANSMITTAL

Page 1 of 1

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1	WHC-SD-FF-SSP-052		0	Advanced Reactors Transition Fiscal Year 1995 Multi-Year Program Plan WBS 7.3	N/A	1 & 2	1	1

16. KEY			
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E, S, Q, D or N/A (see WHC-CM-3-5, Sec.12.7)	1. Approval 2. Release 3. Information	4. Review 5. Post-Review 6. Dist. (Receipt Acknow. Required)	1. Approved 2. Approved w/comment 3. Disapproved w/comment 4. Reviewed no/comment 5. Reviewed w/comment 6. Receipt acknowledged

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1		J.I. Forsberg	J.I. Forsberg	9/16/94	N2-53						
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1		J.R. Montano	J.R. Montano	9/16/94	N2-51						
1		J.M. Steffen	J.M. Steffen	9/16/94	N1-47						

18. E.F. Loika <i>E.F. Loika</i> 9/16/94 Signature of EDT Originator Date	19. Authorized Representative Date for Receiving Organization	20. S. Guttenberg <i>S. Guttenberg</i> 9/16/94 Cognizant Manager Date	21. DOE APPROVAL (if required) Ctrl. No. ☐ Approved ☐ Approved w/comments ☐ Disapproved w/comments
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1. Total Pages 207

2. Title Advanced Reactors Transition Fiscal Year 1995 Multi-Year Program Plan WBS 7.3	3. Number WHC-SD-FF-SSP-052	4. Rev No. 0
5. Key Words Multi-Year, Program Plan, WBS 7.3, Advanced Reactors, 1995	6. Author Name: E. F. Lojka <i>E F Lojka</i> Signature Organization/Charge Code 18010/B161A	
7. Abstract This document describes in detail the work to be accomplished in FY-1995 and the out years for the Advanced Reactors Transition (WBS 7.3). This document describes specific milestones and funding profiles. Based upon the Fiscal Year 1995 Multi-Year Program Plan, DOE will provide authorization to perform the work outlined in the FY 1995 MYPP.		
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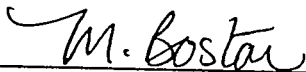
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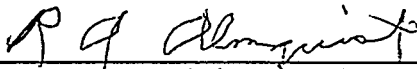
**ADVANCED REACTORS
TRANSITION
FY 1995 MYPP**

WBS 7.3

MYPP Approval Sheet

ADVANCED REACTORS TRANSITION FY 1995 MYPP WBS 7.3

RL Program Manager


(Signature)

9/21/94
(Date)

R. A. Almquist
(Printed Name)

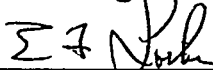
Assistant Manager-Contracting Officer's Representative


(Signature)

9/23/94
(Date)

J. E. Mecca
(Printed Name)

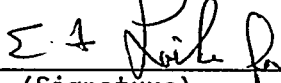
WHC Program Manager


(Signature)

9/20/94
(Date)

E. F. Loika
(Printed Name)

WHC Director


(Signature)

9/20/94
(Date)

J. C. Midgett
(Printed Name)

ADVANCED REACTORS TRANSITION

FY 1995 MYPP

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1.A. Program Vision/Mission

Following direction given by the U.S. Department of Energy (DOE) on December 15, 1993, Advanced Reactors Transition (ART), previously known as Advanced Reactors, will provide the planning and perform the necessary activities for placing the Fast Flux Test Facility (FFTF) in a radiologically and industrially safe shutdown condition. The DOE goal is to accomplish the shutdown in approximately five years. The Advanced Reactors Transition Multi-Year Program Plan, and the supporting documents; i.e., the FFTF Shutdown Program Plan and the FFTF Shutdown Project Resource Loaded Schedule (RLS), are defined for the life of the Program. During the transition period to achieve the Shutdown end-state, the facilities and systems will continue to be maintained in a safe and environmentally sound condition. Additionally, facilities that were associated with the Office of Nuclear Energy (NE) Programs, and are no longer required to support the Liquid Metal Reactor Program will be deactivated and transferred to an alternate sponsor or the Decontamination and Decommissioning (D&D) Program for final disposition, as appropriate.

The ART program has no detailed relationship with other Hanford programs - only general support relationships.

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1.B. Program Mission Strategy

The Fast Flux Test Facility (FFTF) Shutdown Project combines the current plant standby surveillance and maintenance (S&M) activities along with the following deactivation activities: reactor defueling, unirradiated fuel storage, irradiated and unirradiated fuel washing, dry cask storage of irradiated fueled components, sodium systems drain, auxiliary systems shutdown, and bulk sodium conversion to a form suitable for product or disposal. The FFTF Shutdown Program Plan identifies the technical requirements and the FFTF Shutdown Project Resource Loaded Schedule (RLS) identifies the work required to complete the deactivation activities and bring the facility to a safe shutdown state. The FFTF Shutdown Project RLS contains a work breakdown structure (WBS) that identifies the work in discrete packages. Until sodium draining is complete, most of the existing plant Surveillance and Maintenance (S&M) activities will continue as needed to maintain FFTF in a safe condition while supporting worker health and safety, environmental requirements and U.S. Department of Energy (DOE) Order compliance. These plant activities will gradually be phased out when they are no longer required to support the Shutdown Project. Resources released from discontinued plant activities will be applied to the shutdown work wherever practical to utilize the training and expertise of FFTF personnel.

The intent of the FFTF Shutdown Project is to comply with DOE requirements as described in the FFTF Shutdown Program Plan. These requirements address worker and public health and safety, work conduct and reporting, environmental compliance, configuration control, quality assurance and record generation, preservation and property protection. Further, the FFTF Shutdown Project will be under the Tri-Party Agreement (TPA), including negotiations with the Washington State Department of Ecology and the U.S. Environmental Protection Agency (EPA). FFTF will generate a Standards/Requirements Identification Document (S/RID), and perform both administration and adherence assessments.

The FFTF Shutdown Project will be completed with a two phase turnover to the Hanford Surplus Facilities Program (HSFP). The first consists of FFTF and its support facilities, and the second entails the Sodium Storage Facility (SSF) and Sodium Reaction Facility (SRF) after disposition of the bulk sodium. The final shutdown configuration will be suitable for a long term S&M mode before final decontamination and decommissioning (D&D). When the deactivation activities are complete, and the final shutdown state is achieved, FFTF will be unoccupied and locked, with the exception of maintaining an inert gas supply system, minimal lighting and ventilation, and some fire protection equipment to support periodic surveillance. However, final specific criteria for turnover to HSFP have not yet been defined. A key issue is the disposition of sodium residuals remaining in the Plant following sodium drain. Detailed discussions with Bechtel Hanford Inc. (BHI) will be conducted to develop these criteria. An inert gas blanket is planned to be maintained on the FFTF sodium systems assuming sodium residuals are retained.

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1.B. Program Mission Strategy

In addition to the FFTF Shutdown Project, the Advanced Reactors Transition program is responsible for the S&M of the 308 Building in a safe shutdown state, the safeguarding and disposition of the Test Reactor and Isotope Production, General Atomix (TRIGA[™]) fuel, and the disposition of Nuclear Energy (NE) Legacy facilities at Hanford.

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1.B.1. Technical Functions and Requirements

The technical functions and requirements are addressed in detail in these reference documents:

- Fast Flux Test Facility Shutdown Program Plan, WHC-SD-SSP-004 Rev. 0, dated March 4, 1994.
- Hanford Site Sodium Management Plan, WHC-SD-FF-MP-001 Rev. 0, dated April 26, 1994.
- Fast Flux Test Facility Shutdown Project Resource Loaded Schedule, WHC-SD-FF-SSP-050, June 27, 1994.
- Letter to President, WHC, from J. E. Mecca, "Revised Guidance in the Development of the Fiscal Year Work Plan/Multi-Year Program Plan (FYWP/MYPP) for the Advanced Reactors Program (ARP), WBS 7.3," dated July 29, 1994.
- Fast Flux Test Facility Training Implementation Matrix, dated February 1994.
- 308 Building Shutdown Plan (Rev. 1), WHC-SD-FL-SSP-001, dated September 13, 1993.
- Activity Data Sheets 6640, 6641 & 6642, dated April 24, 1994.

The main Fast Flux Test Facility (FFTF) technical functions to be achieved in conjunction with shutdown are: 1) Removal of fuel from the reactor vessel, Interim Decay Storage (IDS) and Fuel Storage Facility (FSF) and washing of the sodium-wetted fuel in the Interim Examination and Maintenance Cell (IEMC); 2) Placing the washed unirradiated driver fuel assemblies in Radial Reflector Shipping Containers (RRSC) and shipping the fuel to the Plutonium Finishing Plant (PFP) for interim storage; 3) Placing of washed irradiated fueled components in Core Component Containers (CCC), loading them into Interim Storage Casks (ISC) and then transferring them to the Interim Storage Area (ISA) in the 400 Area; 4) Disassembling of the sodium bonded metal fuel assemblies and shipping them Idaho Nuclear Engineering Laboratory (INEL) in IDENT-69 fuel pin shipping containers; 5) Construction of the ISA in the 400 Area, modifications to PFP, construction of the Sodium Storage Facility (SSF) and Sodium Reaction Facility (SRF); 6) Draining of the sodium from the plant into the SSF; 7) Reaction of the sodium into a stable form suitable for product or disposal; 8) Deactivation of the FFTF auxiliary systems.

Further, this program will maintain the 308 Building in a safe condition through FY 1998 by surveillance and maintenance (S&M) activities, maintain the TRIGA[™] reactor fuel until final disposition, and disposition the Nuclear Energy (NE) Legacy sodium and facilities. Once the TRIGA[™] fuel has been removed, the 308 Building will be turned over to another sponsor or EM-40 for decontamination and decommissioning (D&D).

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1.B.1. Technical Functions and Requirements

The work will be conducted in accordance with applicable U.S. Department of Energy (DOE) Orders, as well as local, State and Federal laws. Under the Tri-Party Agreement (TPA), milestones for the FFTF transition will be established by DOE, the Environmental Protection Agency (EPA), and the State of Washington Department of Ecology (WA-Ecology).

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1.B.2. Program Objectives

- Proceed with implementation of the Fast Flux Test Facility (FFTF) Shutdown Program Plan, in accordance with the Resource Loaded Schedule (RLS), in a cost effective manner while ensuring safety, security, and environmental compliance.
- Establish and comply with negotiated Tri-Party Agreement (TPA) milestones and target dates for the transfer of FFTF to a shutdown state.
- Maintain the 308 Building, and related facilities in a safe condition and in compliance with DOE Orders and environmental requirements. Turnover 308 Building to another sponsor or EM-40 for decontamination and decommissioning (D&D).
- Continue with disposition of Nuclear Energy (NE) Legacy items in a regulatory compliant manner and established priorities.
- Complete defueling of the FFTF reactor vessel in FY-1995.
- Complete construction of the Interim Storage Area (ISA) in FY-1995.
- Complete disposition of TRIGA™ fuel in FY-1996.
- Complete construction of the Sodium Storage Facility (SSF) on an accelerated schedule by January 30, 1997, based upon RL Program guidance (letter dated July 29, 1994).

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1.C. Program Planning Assumptions

- The Fast Flux Test Facility Shutdown Program Plan and the Resource Loaded Schedule (RLS) address the main U.S. Department of Energy (DOE) goal to achieve shutdown in approximately five years. Although the RLS shows shutdown duration longer than five years, this longer duration is driven by logic to shutdown the electrical distribution systems. Westinghouse Hanford Company (WHC) believes that this logic can be compressed by reengineering and by negotiation of end point criteria. Further, this FY 1995 Multi-Year Program Plan (MYPP) reflects an accelerated start of the Sodium Storage Facility (SSF) which will advance the drain of the sodium from the plant by six months.
- The reactor and other fuel storage vessels will be defueled. The fuel will be washed and stored in the Interim Storage Area (ISA) (irradiated components) and the Plutonium Finishing Plant (PFP) (unirradiated assemblies). The sodium bonded metal fuel will be washed, disassembled, and shipped to Idaho Nuclear Engineering Laboratory (INEL) in IDENT-69 fuel pin shipping containers.
- Sodium from the reactor, Heat Transport System (HTS), Interim Decay Storage (IDS), Fuel Storage Facility (FSF), and Auxiliary Liquid Metal System (ALMS) will be drained and stored in tanks until reacted in a sodium reaction system.
- Environmental monitoring and surveillances, and waste assessments will continue to support the status of FFTF.
- Disposition of the Nuclear Energy Legacy items will continue consistent with the Hanford Site Sodium Management Plan, WHC-SD-FF-MP-001, April 26, 1994.
- Reprogramming of funds from expense to capital will be on a timely basis to support the acceleration of the SSF.
- The Program planning assumes the availability of funding as shown in the RL guidance letter dated July 29, 1994. The FY 1995 guidance of \$61.3M includes a planned appropriation of \$51.02M with the balance to come from anticipated FY 1994 carryover funds. The budgeted cost of the worked planned is \$63.6M. This difference with the funding guidance is the Cost Reduction Initiative.
- The Program planning assumes timely resolution of the issues of sodium residuals remaining in the plant after completion of the deactivation activities. Detailed discussions will be held with Bechtel Hanford Inc. (BHI) to develop criteria to resolve these issues.

ADVANCED REACTORS TRANSITION

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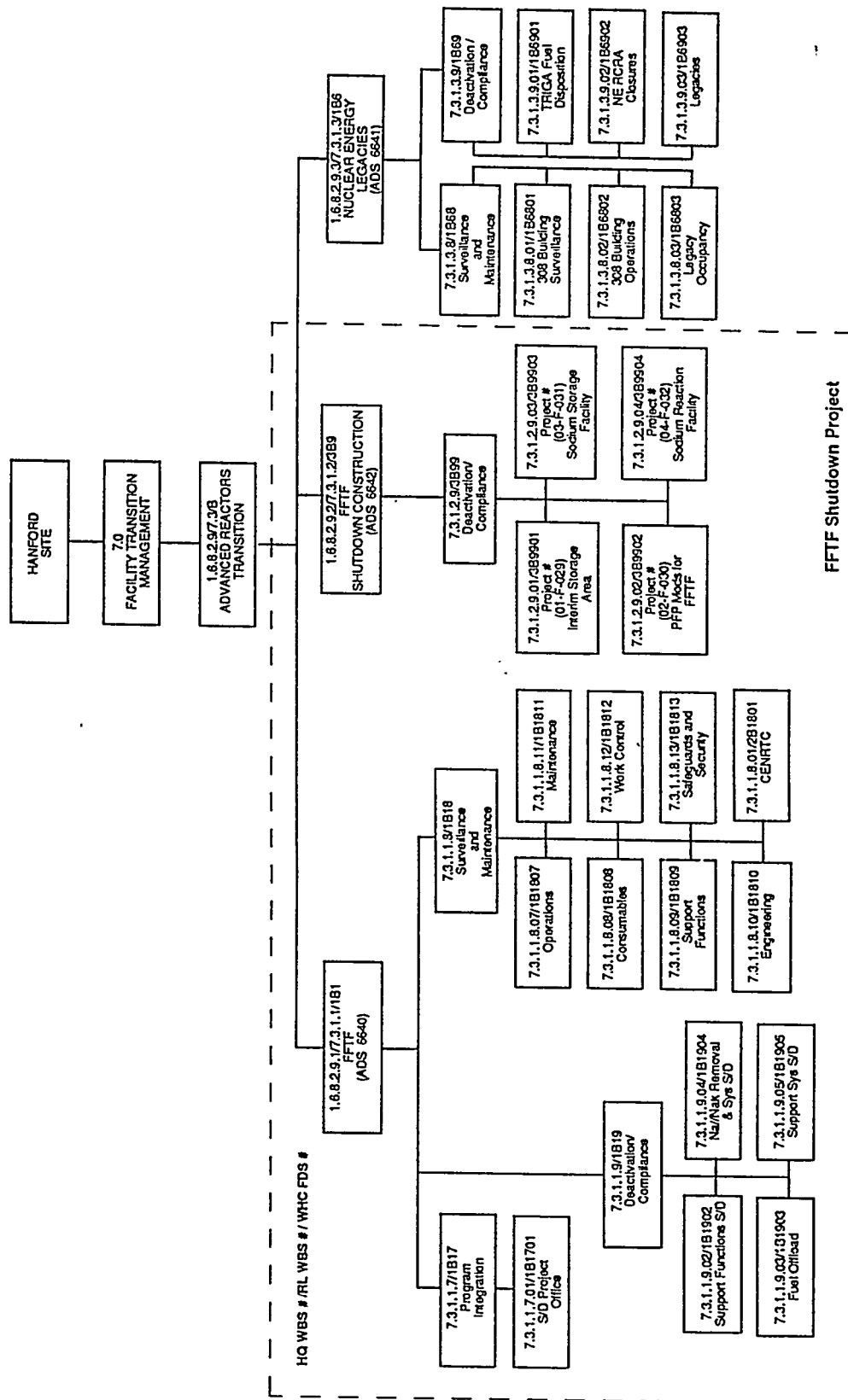
1.D. Program Issues and Constraints

- Insufficient funding will delay the accomplishment of milestones.
- Failure to complete the National Environmental Policy Act (NEPA) process and receive the Finding of No Significant Impact (FONSI), and failure to obtain approvals from the Washington State Department of Ecology and Health for construction and operation of the Sodium Storage facility by June 1, 1995, will delay established milestones.
- Failure to provide timely reviews of documentation will delay the shutdown effort.
- Failure to provide construction funds early in FY 1995 will delay the completion of the Sodium Storage Facility (SSF).
- Determination of the final disposition of the sodium will be deferred until June 30, 1998, at which time an evaluation will be completed by Tank Waste Remediation System (TWRS) to determine the need and acceptable product form for the tank sludge pretreatment process (i.e., caustic washing). Another evaluation will address other conversion options for disposal if the product use for TWRS is not viable. The schedule for the Sodium Reaction Facility (SRF) will be dependent on the option selected.
- The Technical Specification Reduction Package, which was submitted to Department of Energy (DOE) in May 1994, makes a considerable reduction in surveillance requirements. FY 1995 funding is based on approval and implementation of these changes.
- Compliance with all appropriate U.S. Department of Energy (DOE) Orders will continue during the transition to shutdown. During the deactivation activities, plant conditions will change, affecting the applicability of a number of the DOE Orders. Compliance in a cost effective manner will be maintained using an aggressive application of program equivalencies, waivers and exemptions. Approval by DOE of this graded approach will be instrumental in accomplishing cost effective facility deactivation. FFTF will generate a Standards/Requirements Identification Document (S/RID), and perform an administrative assessment.
- Per agreement with the RL FFTF Program Manager, the original \$5.7M Cost Reduction Initiative for Advanced Reactors Transition (ART) was discounted by \$3.4M. The \$2.3M cost reduction scope balance has been added to the resource loaded schedule baseline (and RL guidance) of \$61.3M to show Budgeted Cost of Work Schedule (BCWS) for FY 1995 of \$63.6M for ART.

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2.A.1. Work Breakdown Structure



ADVANCED REACTORS TRANSITION

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2.A.2. WBS Dictionary**WORK BREAKDOWN STRUCTURE DICTIONARY**

1 PROJECT TITLE/PARTICIPANT Advanced Reactors Transition/WHC		2 DATE 9/8/94	3 IDENTIFICATION NO. N/A
4 WBS ELEMENT CODE 7.3.1.1		5 WBS ELEMENT TITLE FFTF (ADS 6640)	
6 INDEX LINE NO.	7 REVISION NO AND AUTHORIZATION 0	8 DATE 6/15/94	
9 APPROVED CHANGES			
10 SYSTEM DESIGN DESCRIPTION N/A		11 BUDGET AND REPORTING NUMBER EX-70	
12 ELEMENT TASK DESCRIPTION A. COST CONTENT Labor, Material, Other Contractors, Site Services, Internal Charges, Overhead Management Overheads. B. TECHNICAL CONTENT/WORK STATEMENT This WBS defines the major elements and project baseline for the deactivation activities necessary to transition the Fast Flux Test Facility (FFTF) and related facilities to a safe shutdown state. The shutdown activities discussed herein concentrate on preparing environmental and regulatory documentation, defueling the reactor, dry cask storage of the irradiated fuel, sodium draining and reaction, accommodation of sodium residuals, and shutdown of the auxiliary systems. When the transition to shutdown is completed, the FFTF will be in a stabilized and safe condition for turnover to the Hanford Surplus Facility Programs for long term interim surveillance preparatory to a final decontamination and decommissioning (D&D) phase.			

ADVANCED REACTORS TRANSITION

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2.A.2. WBS Dictionary**WORK BREAKDOWN STRUCTURE DICTIONARY**

1 PROJECT TITLE/PARTICIPANT Advanced Reactors Transition/WHC		2 DATE 9/8/94	3 IDENTIFICATION NO. N/A
4 WBS ELEMENT CODE 7.3.1.2		5 WBS ELEMENT TITLE FFTF Shutdown Construction (ADS 6642)	
6 INDEX LINE NO.	7 REVISION NO AND AUTHORIZATION 0		8 DATE 6/15/94
9 APPROVED CHANGES			
10 SYSTEM DESIGN DESCRIPTION N/A		11 BUDGET AND REPORTING NUMBER 39-EX-70	
12 ELEMENT TASK DESCRIPTION A. COST CONTENT Labor, Material, Purchased Services, Other Contractors, Site Services, Internal Charges, Overhead B. TECHNICAL CONTENT/WORK STATEMENT This WBS provides for the design and construction of the four capital funded construction sub-projects needed to support the shutdown of the FFTF. These four sub-projects are as follows: 1) The Interim Storage Area will provide a storage area for up to 60 Interim Storage Casks that contain irradiated FFTF fueled components. This storage area utilizes an existing concrete pad located in the northeast corner of the FFTF complex. The upgrades to the Interim Storage Area (consisting of a surrounding fence and appropriate lighting) are planned for FY95. 2) Plutonium Finishing Plant (PFP) modifications will provide a secure storage location for the unirradiated FFTF fueled components. Currently there are 32 fuel assemblies residing in the FFTF that will be washed to remove sodium and shipped to PFP and stored for an indefinite period of time. An engineering study is being performed to evaluate several options for storing the FFTF unirradiated fuel at PFP. Further analysis and cost studies need to be completed. 3) The Sodium Storage Facility will provide an interim storage location for the FFTF sodium and NaK. This facility will also house the sodium from the Interim Decay Storage (IDS) vessel and the Fuel Storage Facility (FSF) vessel. 4) The Sodium Reaction Facility will be used to react the sodium and NaK being stored in the Sodium Storage Facility into a stable form suitable for product or disposal. This facility would allow for the safe and environmentally compliant disposition of the sodium metal coolant.			

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2.A.2. WBS Dictionary		
WORK BREAKDOWN STRUCTURE DICTIONARY		
1 PROJECT TITLE/PARTICIPANT Advanced Reactors Transition/WHC	2 DATE 9/8/94	3 IDENTIFICATION NO. N/A
4 WBS ELEMENT CODE 7.3.1.3	5 WBS ELEMENT TITLE Nuclear Energy Legacies (ADS 6641)	
6 INDEX LINE NO.	7 REVISION NO AND AUTHORIZATION 0	8 DATE 6/15/94
9 APPROVED CHANGES		
10 SYSTEM DESIGN DESCRIPTION N/A	11 BUDGET AND REPORTING NUMBER EX-70	
12 ELEMENT TASK DESCRIPTION A. COST CONTENT Labor, Material, Purchased Services, Other Contractors, Site Services, Internal Charges, Overhead B. TECHNICAL CONTENT/WORK STATEMENT This WBS describes three main areas: 1) 308 Building; 2) NE Resource Conservation and Recovery Act (RCRA) Closures; and 3) NE Legacies. The 308 Building workscope includes the surveillance and operation of the facility, Test Reactor Isotope, General Atomics (TRIGA™) fuel disposition and cleanout of the building. Surveillance and operations provide for administration and support services to operate and maintain the facility and TRIGA™ fuel storage in accordance with approved DOE Orders and WHC procedures and the environmental health physics and safety surveillance requirements until it is accepted by a different DOE Program. Included are periodic monitoring and sampling of the building internal environment, HPT coverage, building administration, hazardous materials specialist support, work control administration, maintenance, operations and property management. TRIGA™ fuel disposition involves the activities necessary to prepare and move the fuel from TRIGA™ pool storage to an interim storage area and to provide final cleanup of the TRIGA™ area following fuel removal. Following TRIGA™ fuel removal and final cleanout, the facility will be turned over to another organization for appropriate disposition. NE RCRA Closures provides for the environmental management of three NE hazardous waste facilities. This sub-activity addresses the base program responsibilities associated with these three NE facilities that currently manage, or have managed, hazardous materials. The three facilities under RCRA closure plans are: 1) the 105-DR Large Sodium Fire Facility (LSFF); 2) the 4843 Alkali Metal Storage Facility (AMSF); and 3) the 3718-F Alkali Metal Treatment and Storage Facility. NE Legacies involves the strategy development and implementation program for ultimate disposition of DOE NE non-reactor facilities and associated materials/equipment. Specific tasks include, provide coordination/oversight for program implementation, evaluate disposition of miscellaneous facility-specific items, prioritize and perform facility disposition engineering studies and the National Environmental Policy Act (NEPA) documentation, and conduct disposition of facilities, including the sodium inventory, where applicable. This activity also provides funding for legacy occupancy (309 and 337 Buildings).		

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2.A.2. WBS Dictionary

WORK BREAKDOWN STRUCTURE DICTIONARY

1 PROJECT TITLE/PARTICIPANT Advanced Reactors Transition/WHC		2 DATE 9/8/94	3 IDENTIFICATION NO. N/A
4 WBS ELEMENT CODE 7.3.1.1.7.01		5 WBS ELEMENT TITLE FFTF Shutdown Project Office	
6 INDEX LINE NO.	7 REVISION NO AND AUTHORIZATION 0		8 DATE 6/15/94
9 APPROVED CHANGES			
10 SYSTEM DESIGN DESCRIPTION N/A		11 BUDGET AND REPORTING NUMBER EX-70	
12 ELEMENT TASK DESCRIPTION A. COST CONTENT Labor, Material, Purchased Services, Other Contractors, Site Services, Internal Charges, Information Resource Management, and Overheads. B. TECHNICAL CONTENT/WORK STATEMENT Provide planning and administration of FFTF Shutdown as well as communication within WHC and with DOE, and other special activities, as needed. Plan, direct, and monitor FFTF shutdown and turnover to the Hanford Surplus Facilities Program. Manage the Conduct of Operational Readiness Evaluations and review boards in support of the FFTF shutdown and turnover. Perform program integration, including development and maintenance of the work breakdown structure, resource breakdown structure, logic diagrams, and upper tier schedules to establish baselines for the preparation of resource loaded schedules and cost estimates. Make assignments to performing organizations. Maintain shutdown project files. Provide business and financial support and out-year program planning including, coordination of responses to review bodies appraising the safety of facility operations, review of safety related rule making actions for applicability to FFTF and their implementation, coordination and preparation of Activity Data Sheets for the Five Year Plan, and preparation of required Hanford Site Management System documents.			

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2.A.2. WBS Dictionary		
WORK BREAKDOWN STRUCTURE DICTIONARY		
1 PROJECT TITLE/PARTICIPANT Advanced Reactors Transition/WHC	2 DATE 9/8/94	3 IDENTIFICATION NO. N/A
4 WBS ELEMENT CODE 7.3.1.1.9.02	5 WBS ELEMENT TITLE Support Function Shutdown	
6 INDEX LINE NO.	7 REVISION NO AND AUTHORIZATION 0	8 DATE 6/15/94
9 APPROVED CHANGES		
10 SYSTEM DESIGN DESCRIPTION N/A	11 BUDGET AND REPORTING NUMBER EX-70	
12 ELEMENT TASK DESCRIPTION A. COST CONTENT Labor, Material, Purchased Services, Other Contractors, Site Services, Internal Charges, Information Resource Management, and Overheads. B. TECHNICAL CONTENT/WORK STATEMENT Plan and direct support activities, oversight, and review in the areas of Nuclear Safety, Health Physics, Industrial Safety, Fire Protection, and Environmental Protection. Prepare and acquire NEPA/RCRA permits. Communicate with state and federal regulators, and external oversight organizations. Assess and evaluate compliance with DOE orders and the FFTF Final Safety Analysis Report. Develop Standards/Requirements Identification Document (S/RID). Perform S/RID administrative and adherence assessments.		

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2.A.2. WBS Dictionary		
WORK BREAKDOWN STRUCTURE DICTIONARY		
1 PROJECT TITLE/PARTICIPANT Advanced Reactors Transition/WHC	2 DATE 9/8/94	3 IDENTIFICATION NO. N/A
4 WBS ELEMENT CODE 7.3.1.1.9.03	5 WBS ELEMENT TITLE Fuel Offload	
6 INDEX LINE NO.	7 REVISION NO AND AUTHORIZATION 0	8 DATE 6/15/94
9 APPROVED CHANGES		
10 SYSTEM DESIGN DESCRIPTION N/A	11 BUDGET AND REPORTING NUMBER EX-70	
12 ELEMENT TASK DESCRIPTION A. COST CONTENT Labor, Material, Purchased Services, Other Contractors, Site Services, Internal Charges, Information Resource Management, and Overheads. B. TECHNICAL CONTENT/WORK STATEMENT Remove fuel from the reactor vessel, disposition unirradiated fuel, irradiated fuel and special fuel. Oversee the design, testing and the procurement of the Interim Storage Casks (ISC) and the Core Component Containers (CCC). Activities in these areas include: preparation and approval of detailed refueling plans and procedures; operation of refueling equipment; facility modifications and preliminary systems engineering to support fuel handling, modifications to the Interim Examination and Maintenance (IEM) Cell and Cask Loading Station, shipment, and storage; conduct of operational readiness assessments; fuel washing, packaging, and shipping operations; and oversight of the Interim Storage Area (ISA) and Plutonium Finishing Plant (PFP) construction projects.		

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2.A.2. WBS Dictionary		
WORK BREAKDOWN STRUCTURE DICTIONARY		
1 PROJECT TITLE/PARTICIPANT Advanced Reactors Transition/WHC	2 DATE 9/8/94	3 IDENTIFICATION NO. N/A
4 WBS ELEMENT CODE 7.3.1.1.9.04	5 WBS ELEMENT TITLE Na/NaK Removal and System Shutdown	
6 INDEX LINE NO.	7 REVISION NO AND AUTHORIZATION 0	8 DATE 6/15/94
9 APPROVED CHANGES		
10 SYSTEM DESIGN DESCRIPTION N/A	11 BUDGET AND REPORTING NUMBER EX-70	
12 ELEMENT TASK DESCRIPTION A. COST CONTENT Labor, Material, Purchased Services, Other Contractors, Site Services, Internal Charges, Information Resource Management, and Overheads. B. TECHNICAL CONTENT/WORK STATEMENT Remove sodium (Na) and sodium potassium (NaK) liquid metal from FFTF systems and vessels. Activities include the following: systems engineering, work instruction and procedure development, field performance; evaluate and determine optimum Na/NaK removal process, determine and conduct residual sodium treatment, provide engineering interface for Sodium Storage and Reaction Facilities design activities and define the projects by performing engineering studies and completing required documentation such as short form data sheets and functional design criteria.		

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2.A.2. WBS Dictionary		
WORK BREAKDOWN STRUCTURE DICTIONARY		
1 PROJECT TITLE/PARTICIPANT Advanced Reactors Transition/WHC	2 DATE 9/8/94	3 IDENTIFICATION NO. N/A
4 WBS ELEMENT CODE 7.3.1.1.9.05	5 WBS ELEMENT TITLE Support System Shutdown	
6 INDEX LINE NO.	7 REVISION NO AND AUTHORIZATION 0	8 DATE 6/15/94
9 APPROVED CHANGES		
10 SYSTEM DESIGN DESCRIPTION N/A	11 BUDGET AND REPORTING NUMBER EX-70	
12 ELEMENT TASK DESCRIPTION A. COST CONTENT Labor, Material, Purchased Services, Other Contractors, Site Services, Internal Charges, Information Resource Management, and Overheads. B. TECHNICAL CONTENT/WORK STATEMENT Shutdown FFTF sodium and support systems such as sodium sampling, fuel handling, nuclear instrumentation, cooling water, and instrument air systems. Provide the following activities: systems engineering, work instruction and procedure development, field performance; evaluation of final system end-state status, determination of disposition of hazardous materials such as glycol, Mobiltherm, aqueous film forming foam (AFFF), chemicals, transformer cooling fluids, and diesel fuel.		

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2.A.2. WBS Dictionary		
WORK BREAKDOWN STRUCTURE DICTIONARY		
1 PROJECT TITLE/PARTICIPANT Advanced Reactors Transition/WHC	2 DATE 9/8/94	3 IDENTIFICATION NO. N/A
4 WBS ELEMENT CODE 7.3.1.1.8.07	5 WBS ELEMENT TITLE S&M/Operations	
6 INDEX LINE NO.	7 REVISION NO AND AUTHORIZATION 0	8 DATE 6/15/94
9 APPROVED CHANGES		
10 SYSTEM DESIGN DESCRIPTION N/A	11 BUDGET AND REPORTING NUMBER EX-70	
12 ELEMENT TASK DESCRIPTION A. COST CONTENT Labor, Material, Purchased Services, Other Contractors, Site Services, Internal Charges, Information Resource Management, and Overheads. B. TECHNICAL CONTENT/WORK STATEMENT The Surveillance and Maintenance (S&M) Operations activities include: Operate the FFTF systems, Maintenance and Storage Facility (MASF), IEM Cell, and Fuel Storage Facility (FSF) in a safe, efficient, and environmentally safe manner in support of FFTF shutdown activities; maintain high quality, reliable operations; maintain the technical and environmental specification compliance programs in support of shutdown activities; maintain high quality administrative and operating procedures; maintain the regulatory compliance program during the deactivation of FFTF to ensure compliance with applicable environmental regulations, permits and DOE orders; conduct waste handling and disposition activities in support of plant shutdown; support regulatory sampling, surveillance and reporting requirements for FFTF; provide review and approval support for S&M work package, design changes, and review committees. Perform Standards/Requirements Identification Document (S/RIDS) administration assessments.		

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2.A.2. WBS Dictionary		
WORK BREAKDOWN STRUCTURE DICTIONARY		
1 PROJECT TITLE/PARTICIPANT Advanced Reactors Transition/WHC	2 DATE 9/8/94	3 IDENTIFICATION NO. N/A
4 WBS ELEMENT CODE 7.3.1.1.8.08	5 WBS ELEMENT TITLE S&M/Consumables	
6 INDEX LINE NO.	7 REVISION NO AND AUTHORIZATION 0	8 DATE 6/15/94
9 APPROVED CHANGES		
10 SYSTEM DESIGN DESCRIPTION N/A	11 BUDGET AND REPORTING NUMBER EX-70	
12 ELEMENT TASK DESCRIPTION A. COST CONTENT Labor, Material, Purchased Services, Other Contractors, Site Services, Internal Charges, Information Resource Management, and Overheads. B. TECHNICAL CONTENT/WORK STATEMENT The Surveillance and Maintenance (S&M) Consumables activities include: maintenance of the Bonneville Power Administration (BPA) supplied electrical service; adequate plant fuel oil supply; and inert gas inventories at a level that ensures FFTF is maintained in a safe condition to support FFTF deactivation/compliance activities.		

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2.A.2. WBS Dictionary		
WORK BREAKDOWN STRUCTURE DICTIONARY		
1 PROJECT TITLE/PARTICIPANT Advanced Reactors Transition/WHC	2 DATE 9/8/94	3 IDENTIFICATION NO. N/A
4 WBS ELEMENT CODE 7.3.1.1.8.09	5 WBS ELEMENT TITLE S&M/Support Functions	
6 INDEX LINE NO.	7 REVISION NO AND AUTHORIZATION 0	8 DATE 6/15/94
9 APPROVED CHANGES		
10 SYSTEM DESIGN DESCRIPTION N/A	11 BUDGET AND REPORTING NUMBER EX-70	
12 ELEMENT TASK DESCRIPTION A. COST CONTENT Labor, Material, Purchased Services, Other Contractors, Site Services, Internal Charges, Information Resource Management, and Overheads. B. TECHNICAL CONTENT/WORK STATEMENT The Surveillance and Maintenance (S&M) Support Functions include plant activities such as: plan and coordinate audits, technical review and special projects; administer the FFTF security program, Management Overview Program, FFTF Tours, Plant Policy Manual and Unresolved Safety Question (USQ) Performance Indicators; maintain program buildings and grounds including maintenance of support facility HVAC, electrical, structural, and support systems; provide custodial services, transportation services, and herbicide application; provide training and certification activities for operations, maintenance, and support personnel. Provide direct support activities, oversight, and review in the areas of Nuclear Safety, Health Physics, Industrial Safety, Fire Protection, and Environmental Protection as related to surveillance and maintenance work package reviews, design changes, and review committees.		

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2.A.2. WBS Dictionary**WORK BREAKDOWN STRUCTURE DICTIONARY**

1 PROJECT TITLE/PARTICIPANT Advanced Reactors Transition/WHC		2 DATE 9/8/94	3 IDENTIFICATION NO. N/A
4 WBS ELEMENT CODE 7.3.1.1.8.10		5 WBS ELEMENT TITLE S&M/Engineering	
6 INDEX LINE NO. .	7 REVISION NO AND AUTHORIZATION 0		8 DATE 6/15/94
9 APPROVED CHANGES			
10 SYSTEM DESIGN DESCRIPTION N/A		11 BUDGET AND REPORTING NUMBER EX-70	
12 ELEMENT TASK DESCRIPTION A. COST CONTENT Labor, Materials, Purchased Service, Site Services, Overheads, Other Contractors Resources. B. TECHNICAL CONTENT/WORK STATEMENT The technical content covers Nuclear, Mechanical, Electrical and Industrial Engineering and Management for the shutdown of FFTF and related facilities, management of FFTF Spent Fuel Offload Activities. The Surveillance and Maintenance (S&M) Engineering activities include: engineering services to ensure safe and reliable operation of the FFTF, Fuel Storage Facility (FSF), and Maintenance and Storage Facility (MASF) systems and equipment. Their activities also include: maintaining in-service inspection, Final Safety Analysis Report (FSAR) administration, field direction of plant maintenance, performing remaining criticality evaluations, providing technical direction for supporting MASF missions, providing for material and spare parts receipt, storage, and issuance.			

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2.A.2. WBS Dictionary		
WORK BREAKDOWN STRUCTURE DICTIONARY		
1 PROJECT TITLE/PARTICIPANT Advanced Reactors Transition/WHC	2 DATE 9/8/94	3 IDENTIFICATION NO. N/A
4 WBS ELEMENT CODE 7.3.1.1.8.11	5 WBS ELEMENT TITLE S&M/Maintenance	
6 INDEX LINE NO.	7 REVISION NO AND AUTHORIZATION 0	8 DATE 6/15/94
9 APPROVED CHANGES		
10 SYSTEM DESIGN DESCRIPTION N/A	11 BUDGET AND REPORTING NUMBER EX-70	
12 ELEMENT TASK DESCRIPTION A. COST CONTENT Labor, Material, Purchased Services, Other Contractors, Site Services, Internal Charges, Information Resource Management, and Overheads. B. TECHNICAL CONTENT/WORK STATEMENT The Surveillance and Maintenance (S&M) Maintenance organization provides: trained, qualified craft personnel to perform corrective and preventive maintenance activities in support of FFTF; Person-in-Charge support to plant maintenance activities; Manages and performs self assessment surveys on all assigned shop facilities, equipment, and personnel to assure efficiency and proper workmanship standards; prepares Shop Maintenance procedures and Workmanship Standards; develops budgets and track expenditures for all functional duties; provides customer interface as required; determines training requirements for all maintenance staff, schedules classes and maintains training records; ensures staff understands and complies with all safety and security requirements, hazardous material programs, new procedure requirements, and implementation of industrial codes and standards; administers the "Hazards Communications" program; maintains satellite waste collection areas for maintenance waste streams; implements and complies with the WHC/HAMTC Labor Agreement; provides material requisition, receipt, storage and issue services in support of plant maintenance activities; acts as initial Plant Forces Work Review agent for the facility; maintains payroll, attendance and overtime records for the staff; implements procedures necessary to control all government facilities and property in the maintenance organization; provides technical review of all maintenance work involving welding; provides water purveyor oversight for the 400 Area; manages the hoisting and rigging activities at the facility including: inspecting and maintaining all rigging equipment, reviewing critical lift procedures, providing rigging PICs for rigging activities, conducting On Job Training (OJT) for facility cranes and rigging equipment and ensuring all hoisting and rigging activities are in compliance with the DOE Rigging Manual; manages the Measuring and Test Equipment (M&TE), tools, and spare parts program activities including: M&TE calibration recall program, M&TE discrepancy tracking, equipment issue, and shop stock inventory; provides landscaping and general housekeeping services to the facility; and provides transportation support for the movement of equipment and materials.		

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2.A.2. WBS Dictionary		
WORK BREAKDOWN STRUCTURE DICTIONARY		
1 PROJECT TITLE/PARTICIPANT Advanced Reactors Transition/WHC	2 DATE 9/8/94	3 IDENTIFICATION NO. N/A
4 WBS ELEMENT CODE 7.3.1.1.8.12	5 WBS ELEMENT TITLE S&M/Work Control	
6 INDEX LINE NO.	7 REVISION NO AND AUTHORIZATION 0	8 DATE 6/15/94
9 APPROVED CHANGES		
10 SYSTEM DESIGN DESCRIPTION N/A	11 BUDGET AND REPORTING NUMBER EX-70	
12 ELEMENT TASK DESCRIPTION A. COST CONTENT Labor, Material, Purchased Services, Other Contractors, Site Services, Internal Charges, Information Resource Management, and Overheads. B. TECHNICAL CONTENT/WORK STATEMENT The Surveillance and Maintenance (S&M) Work Control organization provides work control services to support the plant surveillance and maintenance activities and the shutdown transition. These services include: operation of the Work Control Center; surveillance, corrective, and preventive maintenance planning; scheduling and coordination of maintenance related resources; maintenance of the Job Control System-automated Data Processing (JCS-ADP), the Protective/Instrument Calibration and Recall/Surveillance and In-Service Inspection/Maintenance (PRISM), the Refueling Inventory and Control System (RICS), and the Resource Loaded Schedule (RLS) data bases.		

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2.A.2. WBS Dictionary		
WORK BREAKDOWN STRUCTURE DICTIONARY		
1 PROJECT TITLE/PARTICIPANT Advanced Reactors Transition/WHC	2 DATE 9/8/94	3 IDENTIFICATION NO. N/A
4 WBS ELEMENT CODE 7.3.1.1.8.13	5 WBS ELEMENT TITLE S&M/Safeguards and Security	
6 INDEX LINE NO.	7 REVISION NO AND AUTHORIZATION 0	8 DATE 6/15/94
9 APPROVED CHANGES		
10 SYSTEM DESIGN DESCRIPTION N/A	11 BUDGET AND REPORTING NUMBER EX-70	
12 ELEMENT TASK DESCRIPTION A. COST CONTENT Labor, Material, Purchased Services, Other Contractors, Site Services, Internal Charges, Information Resource Management, and Overheads. B. TECHNICAL CONTENT/WORK STATEMENT The Surveillance and Maintenance (S&M) Safeguards and Security organization provides: an effective patrol force, physical security and associated equipment, safeguards oversight and services, and annual security assessments.		

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2.A.2. WBS Dictionary		
WORK BREAKDOWN STRUCTURE DICTIONARY		
1 PROJECT TITLE/PARTICIPANT Advanced Reactors Transition/WHC	2 DATE 9/8/94	3 IDENTIFICATION NO. N/A
4 WBS ELEMENT CODE 7.3.1.1.8.01	5 WBS ELEMENT TITLE S&M/CENRTC	
6 INDEX LINE NO.	7 REVISION NO AND AUTHORIZATION 0	8 DATE 6/15/94
9 APPROVED CHANGES		
10 SYSTEM DESIGN DESCRIPTION N/A	11 BUDGET AND REPORTING NUMBER 35-EX-70	
12 ELEMENT TASK DESCRIPTION A. COST CONTENT Labor, Material, Purchased Services, Other Contractors, Site Services, Internal Charges, Information Resource Management, and Overheads. B. TECHNICAL CONTENT/WORK STATEMENT The Surveillance and Maintenance (S&M) Capital Equipment Not Related To Construction (CENRTC) activities maintain a safe and environmentally compliant reactor plant and support facilities, a modest budget of CENRTC funds that must be available to WHC to cover equipment emergencies. Also, CENRTC funds are needed for the purchase of new equipment to assure compliance with new regulations and requirements.		

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2.A.2. WBS Dictionary		
WORK BREAKDOWN STRUCTURE DICTIONARY		
1 PROJECT TITLE/PARTICIPANT Advanced Reactors Transition/WHC	2 DATE 9/8/94	3 IDENTIFICATION NO. N/A
4 WBS ELEMENT CODE 7.3.1.2.9.01	5 WBS ELEMENT TITLE Interim Storage Area (Project # 01-F-029)	
6 INDEX LINE NO.	7 REVISION NO AND AUTHORIZATION 0	8 DATE 6/15/94
9 APPROVED CHANGES		
10 SYSTEM DESIGN DESCRIPTION N/A	11 BUDGET AND REPORTING NUMBER 39-EX-70	
12 ELEMENT TASK DESCRIPTION A. COST CONTENT Labor, Material, Purchased Services, Other Contractors, Site Services, Internal Charges, Information Resource Management, and Overheads. B. TECHNICAL CONTENT/WORK STATEMENT This Capital funded project provides for the design and construction of fencing and lighting around an existing concrete pad adjacent the FFTF plant. This enclosed area will be used to provide storage for 57 shielded casks containing irradiated FFTF fuel. Because the shielded casks will be expense funded, they are not included in this work scope.		

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2.A.2. WBS Dictionary		
WORK BREAKDOWN STRUCTURE DICTIONARY		
1 PROJECT TITLE/PARTICIPANT Advanced Reactors Transition/WHC	2 DATE 9/8/94	3 IDENTIFICATION NO. N/A
4 WBS ELEMENT CODE 7.3.1.2.9.02	5 WBS ELEMENT TITLE PFP Fuel Storage Mods for FFTF (Project # 02-F-030)	
6 INDEX LINE NO.	7 REVISION NO AND AUTHORIZATION 0	8 DATE 6/15/94
9 APPROVED CHANGES		
10 SYSTEM DESIGN DESCRIPTION N/A	11 BUDGET AND REPORTING NUMBER 39-EX-70	
12 ELEMENT TASK DESCRIPTION A. COST CONTENT Labor, Material, Purchased Services, Other Contractors, Site Services, Internal Charges, Information Resource Management, and Overheads. B. TECHNICAL CONTENT/WORK STATEMENT This Capital funded project provides for the design and construction of a fuel storage facility located at the Plutonium Storage Facility (PFP) in the 200-West Area of the Hanford Site. The project will provide fuel storage racks and supporting equipment that will be used to store FFTF fuel in a criticality safe configuration. The fuel is clean, unirradiated FFTF fuel which has never been in a nuclear reactor environment. The work activities include preparing design criteria, preparing design drawings and specifications, construction, construction management, and satisfying the safety, quality assurance and environmental requirements for long term storage of the clean, unirradiated FFTF fuel at the PFP.		

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2.A.2. WBS Dictionary		
WORK BREAKDOWN STRUCTURE DICTIONARY		
1 PROJECT TITLE/PARTICIPANT Advanced Reactors Transition/WHC	2 DATE 9/8/94	3 IDENTIFICATION NO. N/A
4 WBS ELEMENT CODE 7.3.1.2.9.03	5 WBS ELEMENT TITLE FFTF Sodium Storage Facility (Project # 03-F-031)	
6 INDEX LINE NO.	7 REVISION NO AND AUTHORIZATION 0	8 DATE 6/15/94
9 APPROVED CHANGES		
10 SYSTEM DESIGN DESCRIPTION N/A	11 BUDGET AND REPORTING NUMBER 39-EX-70	
12 ELEMENT TASK DESCRIPTION A. COST CONTENT Labor, Material, Purchased Services, Other Contractors, Site Services, Internal Charges, Information Resource Management, and Overheads. B. TECHNICAL CONTENT/WORK STATEMENT This Capital funded project provides for the design and construction of a Sodium Storage Facility which will receive and store sodium transferred from FFTF systems and storage vessels. The facility will be located adjacent the FFTF plant. The sodium will contain small amounts of NaK. The work activities include preparing design criteria, preparing design drawings and specifications, construction, construction management, and satisfying the safety, quality assurance and environmental requirements for long term storage of solidified sodium.		

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2.A.2. WBS Dictionary		
WORK BREAKDOWN STRUCTURE DICTIONARY		
1 PROJECT TITLE/PARTICIPANT Advanced Reactors Transition/WHC	2 DATE 9/8/94	3 IDENTIFICATION NO. N/A
4 WBS ELEMENT CODE 7.3.1.2.9.04	5 WBS ELEMENT TITLE Sodium Reaction Facility (Project # 04-F-032)	
6 INDEX LINE NO.	7 REVISION NO AND AUTHORIZATION 0	8 DATE 6/15/94
9 APPROVED CHANGES		
10 SYSTEM DESIGN DESCRIPTION N/A	11 BUDGET AND REPORTING NUMBER 39-EX-70	
12 ELEMENT TASK DESCRIPTION A. COST CONTENT Labor, Material, Purchased Services, Other Contractors, Site Services, Internal Charges, Information Resource Management, and Overheads. B. TECHNICAL CONTENT/WORK STATEMENT This Capital funded project provides for the design and construction of a Sodium Reaction Facility which will be used to convert metallic sodium and NaK to a stable form suitable for final disposition. The facility will be located adjacent the Sodium Storage Facility and the FFTF plant. The work activities include preparing design criteria, preparing design drawings and specifications, construction, construction management, and satisfying the safety, quality assurance and environmental requirements for the reaction of metallic sodium containing NaK to a stable form. The Sodium Reaction Facility will use the technology, design and operating experience of proven sodium reaction processes whenever safe and cost effective.		

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2.A.2. WBS Dictionary		
WORK BREAKDOWN STRUCTURE DICTIONARY		
1 PROJECT TITLE/PARTICIPANT Advanced Reactors Transition/WHC	2 DATE 9/8/94	3 IDENTIFICATION NO. N/A
4 WBS ELEMENT CODE 7.3.1.3.8.01	5 WBS ELEMENT TITLE 308 Building Surveillance	
6 INDEX LINE NO.	7 REVISION NO AND AUTHORIZATION 0	8 DATE 6/15/94
9 APPROVED CHANGES		
10 SYSTEM DESIGN DESCRIPTION N/A	11 BUDGET AND REPORTING NUMBER EX-70	
12 ELEMENT TASK DESCRIPTION A. COST CONTENT Labor, Materials, Other Contractors, Site Services, Internal Charges, Overheads, and Purchased Services. B. TECHNICAL CONTENT/WORK STATEMENT This activity provides for the environmental, health physics and safety compliance of the 308 building, in the Hanford 300 Area, until the building is turned over to another sponsor or EM-40 for decontamination and decommissioning (D&D) by FY 1999. Assure by periodic monitoring/sampling that safety and environmental requirements are being met until building turnover. This includes HPT coverage, building administration, support by hazardous material specialist, work control administrator, operation management, and property management.		

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2.A.2. WBS Dictionary		
WORK BREAKDOWN STRUCTURE DICTIONARY		
1 PROJECT TITLE/PARTICIPANT Advanced Reactors Transition/WHC	2 DATE 9/8/94	3 IDENTIFICATION NO. N/A
4 WBS ELEMENT CODE 7.3.1.3.8.02	5 WBS ELEMENT TITLE 308 Building Operations	
6 INDEX LINE NO.	7 REVISION NO AND AUTHORIZATION 0	8 DATE 6/15/94
9 APPROVED CHANGES		
10 SYSTEM DESIGN DESCRIPTION N/A	11 BUDGET AND REPORTING NUMBER EX-70	
12 ELEMENT TASK DESCRIPTION A. COST CONTENT Labor, Materials, Site Services, Internal Charges, Overheads, and Purchased Services. B. TECHNICAL CONTENT/WORK STATEMENT This activity provides for the management, operations and engineering for the 308 Building in the Hanford 300 Area. These activities are for preparing the building for minimum surveillance, commensurate with reduced risk, until it is turned over to another sponsor or EM-40 for decontamination and decommissioning (D&D). The engineering and technical activities associated with TRIGA™ fuel storage and eventual removal from the 308 Building to an interim storage location are also supported by this activity. For 308 Building, document status of confined systems (gloveboxes, hoods), complete waste shipments and close process area. Prepare and submit Environmental Assessment on TRIGA™ fuel disposition and maintain storage environment pending final disposition.		

ADVANCED REACTORS TRANSITION

FY 1995 MYPP

WBS 7.3

2.A.2. WBS Dictionary**WORK BREAKDOWN STRUCTURE DICTIONARY**

1 PROJECT TITLE/PARTICIPANT Advanced Reactors Transition/WHC		2 DATE 9/8/94	3 IDENTIFICATION NO. N/A
4 WBS ELEMENT CODE 7.3.1.3.8.03		5 WBS ELEMENT TITLE Legacy Occupancy	
6 INDEX LINE NO.	7 REVISION NO AND AUTHORIZATION 0		8 DATE 6/15/94
9 APPROVED CHANGES			
10 SYSTEM DESIGN DESCRIPTION N/A		11 BUDGET AND REPORTING NUMBER EX-70	
12 ELEMENT TASK DESCRIPTION A. COST CONTENT Labor, Material, Purchased Services, Other Contractors, Site Services, Internal Charges, Information Resource Management, and Overheads. B. TECHNICAL CONTENT/WORK STATEMENT Provide Landlord services for the High Temperature Sodium Facility and the Composite Reactor Components Test Activity located in Building 337; and the Interim Examination and Maintenance Cell Mockup located in part of Building 309.			

ADVANCED REACTORS TRANSITION

FY 1995 MYPP

WBS 7.3

2.A.2. WBS Dictionary

WORK BREAKDOWN STRUCTURE DICTIONARY		
1 PROJECT TITLE/PARTICIPANT Advanced Reactors Transition/WHC	2 DATE 9/8/94	3 IDENTIFICATION NO. N/A
4 WBS ELEMENT CODE 7.3.1.3.9.01	5 WBS ELEMENT TITLE TRIGA™ Fuel Disposition	
6 INDEX LINE NO.	7 REVISION NO AND AUTHORIZATION 0	8 DATE 6/15/94
9 APPROVED CHANGES		
10 SYSTEM DESIGN DESCRIPTION N/A	11 BUDGET AND REPORTING NUMBER EX-70	
12 ELEMENT TASK DESCRIPTION A. COST CONTENT Labor, Material, Purchased Services, Other Contractors, Site Services, Internal Charges, Information Resource Management, and Overhead. B. TECHNICAL CONTENT/WORK STATEMENT Provide administration, training, quality assurance, nuclear safety, packaging and shipping engineering, fabrication services, NEPA support, health physics, and craft support for the Test Reactor and Isotope Production, General Atomics (TRIGA™) fuel storage basin and TRIGA™ fuel. This activity provides the necessary support to prepare for the FY-96 removal of the TRIGA™ fuel and shutdown of the TRIGA™ Fuel Storage Basin in the ANNEX of the 308 Building such as: plan and coordinate audits, technical reviews; maintain the TRIGA™ Fuel Storage Basin to ensure safe, reliable, and environmental sound operation of the remaining systems; provide necessary and required training; provide support and funding to procure Neutron Radiography Facility (NRF) TRIGA™ Shipping & Storage Casks and an FL-10 container (the FL-10 container is needed for the four fuel follower control rods which are a different length than the TRIGA™ fuel).; design and procure necessary fixtures and equipment required for loading TRIGA™ fuel in casks; conduct readiness review for defueling NRF TRIGA™ Fuel Storage Basin, loading fuel in casks and one FL-10 container, shipment to and storage at another facility.		

ADVANCED REACTORS TRANSITION

FY 1995 MYPP

WBS 7.3

2.A.2. WBS Dictionary		
WORK BREAKDOWN STRUCTURE DICTIONARY		
1 PROJECT TITLE/PARTICIPANT Advanced Reactors Transition/WHC	2 DATE 9/8/94	3 IDENTIFICATION NO. N/A
4 WBS ELEMENT CODE 7.3.1.3.9.02	5 WBS ELEMENT TITLE NE RCRA Closures	
6 INDEX LINE NO.	7 REVISION NO AND AUTHORIZATION 0	8 DATE 6/15/94
9 APPROVED CHANGES		
10 SYSTEM DESIGN DESCRIPTION N/A	11 BUDGET AND REPORTING NUMBER EX-70	
12 ELEMENT TASK DESCRIPTION A. COST CONTENT Labor, Material, Purchased Services, Other Contractors, Site Services, Internal Charges, Information Resource Management, and Overheads. B. TECHNICAL CONTENT/WORK STATEMENT Three Nuclear Energy legacy facilities were determined to require RCRA closure plans as appropriate remediation action. The three facilities are the 105-DR Large Sodium Fire Facility (LSFF), the 4843 Alkali Metal Storage Facility (AMSF), and the 3718-F Alkali Metal Treatment and Storage Facility. The three facility RCRA closure plans were submitted to the Washington Department of Ecology (Ecology) and the Federal Environmental Protection Agency (EPA) between 1991 and 1992. The three closure plan submittals met three respective Tri-Party Agreement milestones. In FY 1995, two of the three RCRA closure plans, 105-DR LSFF and 4843 AMSF, will continue in the review process with the two regulatory agencies, the DOE-RL and WHC representative parties. This review will include the resolution of technical issues for the closure of the facility, such as sampling methodology and definition of closure workscope. The closure plans will periodically be revised to incorporate comments and changes. If the plan is approved for either facility in FY 1995, the closure work for that facility will also begin. The third, the 3718-F closure plan, has been revised in final form and currently awaits regulator approval. The closure activity will commence in FY 1995, if the facility closure plan is approved. This will include facility cleaning, structure and soil sample collection and analysis, and final facility disposition. The specific methodology, limits, and prescribed actions are discussed in the closure plan. In the FY 1995 interim, the facilities each require specific monitoring and surveillance to ensure interim environmental compliance. This includes, but is not limited to, radiological surveillances and structural inspections. During the closure plan review process, each facility must maintain compliance with its specific environmental requirements. This activity will continue.		

ADVANCED REACTORS TRANSITION

FY 1995 MYPP

WBS 7.3

2.A.2. WBS Dictionary		
WORK BREAKDOWN STRUCTURE DICTIONARY		
1 PROJECT TITLE/PARTICIPANT Advanced Reactors Transition/WHC	2 DATE 9/8/94	3 IDENTIFICATION NO. N/A
4 WBS ELEMENT CODE 7.3.1.3.9.03	5 WBS ELEMENT TITLE NE Legacies	
6 INDEX LINE NO.	7 REVISION NO AND AUTHORIZATION 0	8 DATE 6/15/94
9 APPROVED CHANGES		
10 SYSTEM DESIGN DESCRIPTION N/A	11 BUDGET AND REPORTING NUMBER EX-70	
12 ELEMENT TASK DESCRIPTION A. COST CONTENT Labor, Material, Internal Charges, and Overheads. B. TECHNICAL CONTENT/WORK STATEMENT Provide management, technical lead and coordination for the disposition of the non-reactor NE facilities. The scope of this effort includes: development of the implementation 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, as funds permit. This would include disposition of sodium test loops.		

ADVANCED REACTORS TRANSITION

FY 1995 MYPP

WBS 7.3

2.B. Work Breakdown Structure Index and Programmatic Responsibility Assignment
Matrix - ADS 6640 & 6641

PROGR... ELEMENT	RL WBS NUMBER	WHC ACTIVITY	WHC COST ACCOUNT	TITLE	RESPONSIBLE MANAGER	RESPONSIBLE ORGANIZATION
6640	7.3.1.1.7.01	1B17	1B1701	S/D Project Office	Guttenberg	18300 FFTF Facility Transition
6640	7.3.1.1.8.01	2B18	2B1801	CENRTC	Waldo	18200 FFTF Engineering
6640	7.3.1.1.8.07	1B18	1B1807	Operations	Griffin	18100 FFTF Operations
6640	7.3.1.1.8.08	1B18	1B1808	Consummables	Griffin	18100 FFTF Operations
6640	7.3.1.1.8.09	1B18	1B1809	Supp. Functions	Guttenberg	18300 FFTF Facility Transition
6640	7.3.1.1.8.10	1B18	1B1810	Engineering	Waldo	18200 FFTF Engineering
6640	7.3.1.1.8.11	1B18	1B1811	Maintenance	Boehnke	18600 FFTF Maintenance
6640	7.3.1.1.8.12	1B18	1B1812	Work Control	Hulvey	18500 FFTF Work Control
6640	7.3.1.1.8.13	1B18	1B1813	Safeguards and Security	Walton	38000 Safeguards and Security
6640	7.3.1.1.9.02	1B19	1B1902	Support Functions S/D	Guttenberg	18300 FFTF Facility Transition
6640	7.3.1.1.9.03	1B19	1B1903	Fuel Offload	Hulvey	18500 FFTF Work Control
6640	7.3.1.1.9.04	1B19	1B1904	Na/Nak Removal	Waldo	18200 FFTF Engineering
6640	7.3.1.1.9.05	1B19	1B1905	Support Sys S/D	Waldo	18200 FFTF Engineering
6641	7.3.1.3.8.01	1B68	1B6801	308 Bldg. Surveillance	Danko	19200 Plant Operations
6641	7.3.1.3.8.02	1B68	1B6802	308 Bldg. Operations	Danko	19200 Plant Operations
6641	7.3.1.3.8.03	1B68	1B6803	Legacy Occupancy	Guttenberg	18300 FFTF Facility Transition
6641	7.3.1.3.9.01	1B69	1B6901	TRIGA™ Fuel Disposition	Steffen	19000 Fuel Fab Facilities Transition Project
6641	7.3.1.3.9.02	1B69	1B6902	NE RCRA Closures	Miller	18120 FFTF Regulatory Compliance
6641	7.3.1.3.9.03	1B69	1B6903	NE Legacies	Guttenberg	18300 FFTF Facility Transition

ADVANCED REACTORS TRANSITION

FY 1995 MYPP

WBS 7.3

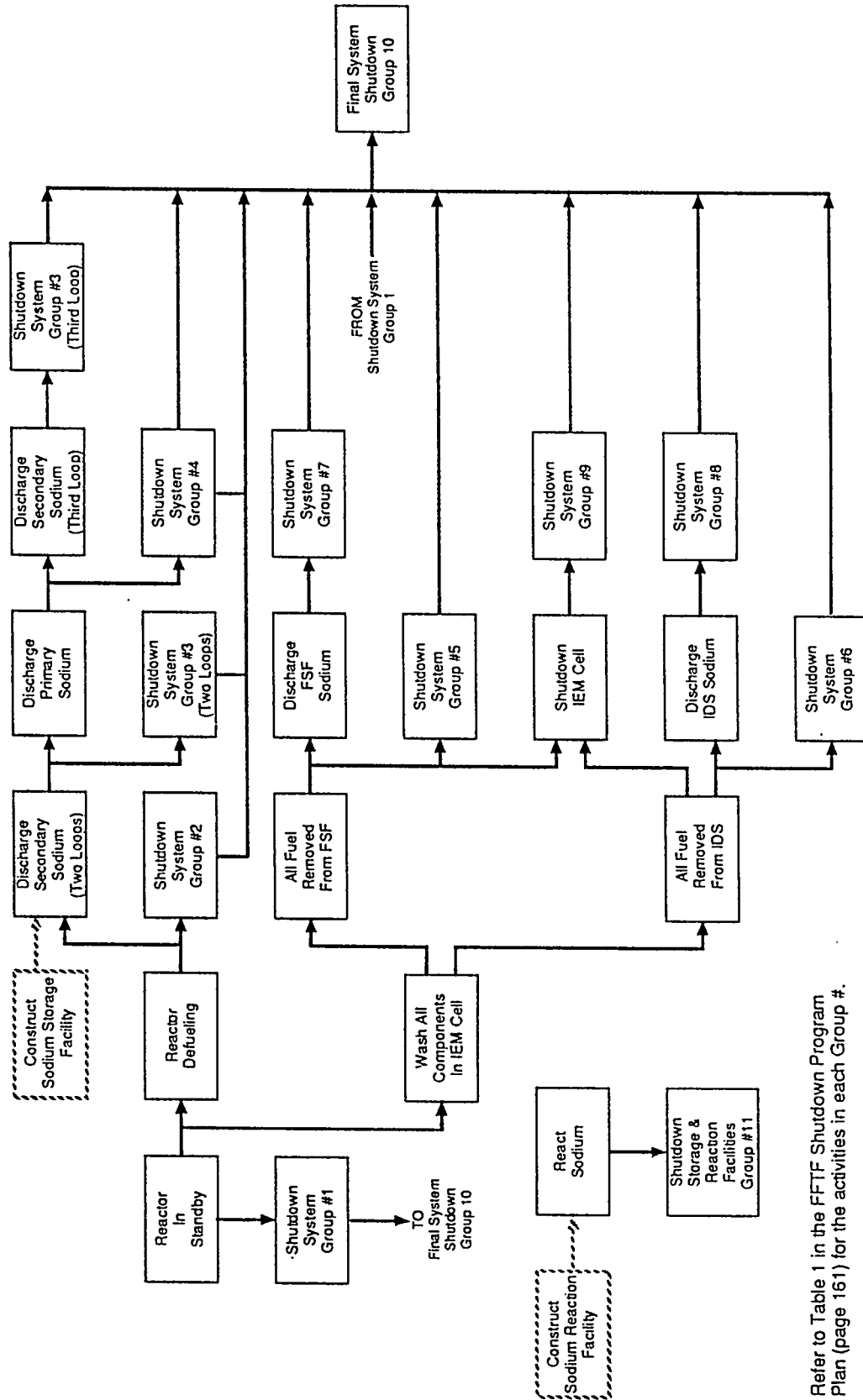
2.B. Work Breakdown Structure Index and Programmatic Responsibility Assignment Matrix - ADS 6642

PROGRAM ELEMENT	RL WBS NUMBER	WHC ACTIVITY	WHC COST ACCOUNT	TITLE	RESPONSIBLE MANAGER	RESPONSIBLE ORGANIZATION
6642	7.3.1.2.9.01	3B99	3B9901	Interim Storage Area	Waldo	18200 FFTF Engineering
6642	7.3.1.2.9.02	3B99	3B9902	PFP Mods for FFTF Fuel	Guttenberg	18300 FFTF Facility Transition
6642	7.3.1.2.9.03	3B99	3B9903	Sodium Storage Facility	Waldo	18200 FFTF Engineering
6642	7.3.1.2.9.04	3B99	3B9904	Sodium Reaction Facility	Waldo	18200 FFTF Engineering

ADVANCED REACTORS TRANSITION WBS 7.3

FY 1995 MYPP

2.C. Program Logic Diagram



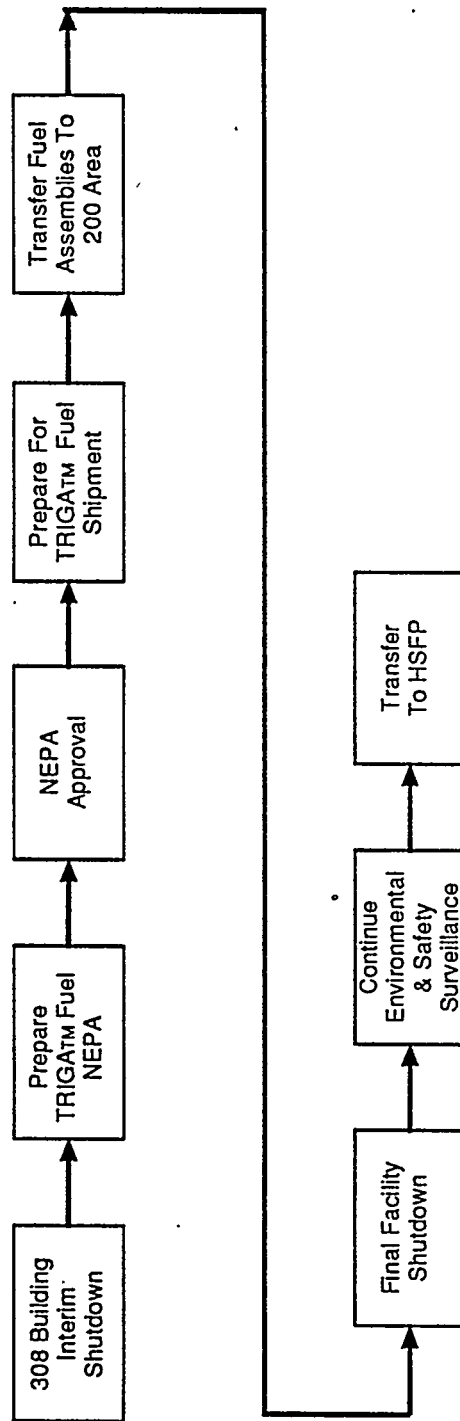
FFTF Shutdown Program Plan Logic Diagram

Refer to Table 1 in the FFTF Shutdown Program Plan (page 161) for the activities in each Group #.

ADVANCED REACTORS TRANSITION WBS 7.3

FY 1995 MYPP

2.C. Program Logic Diagram



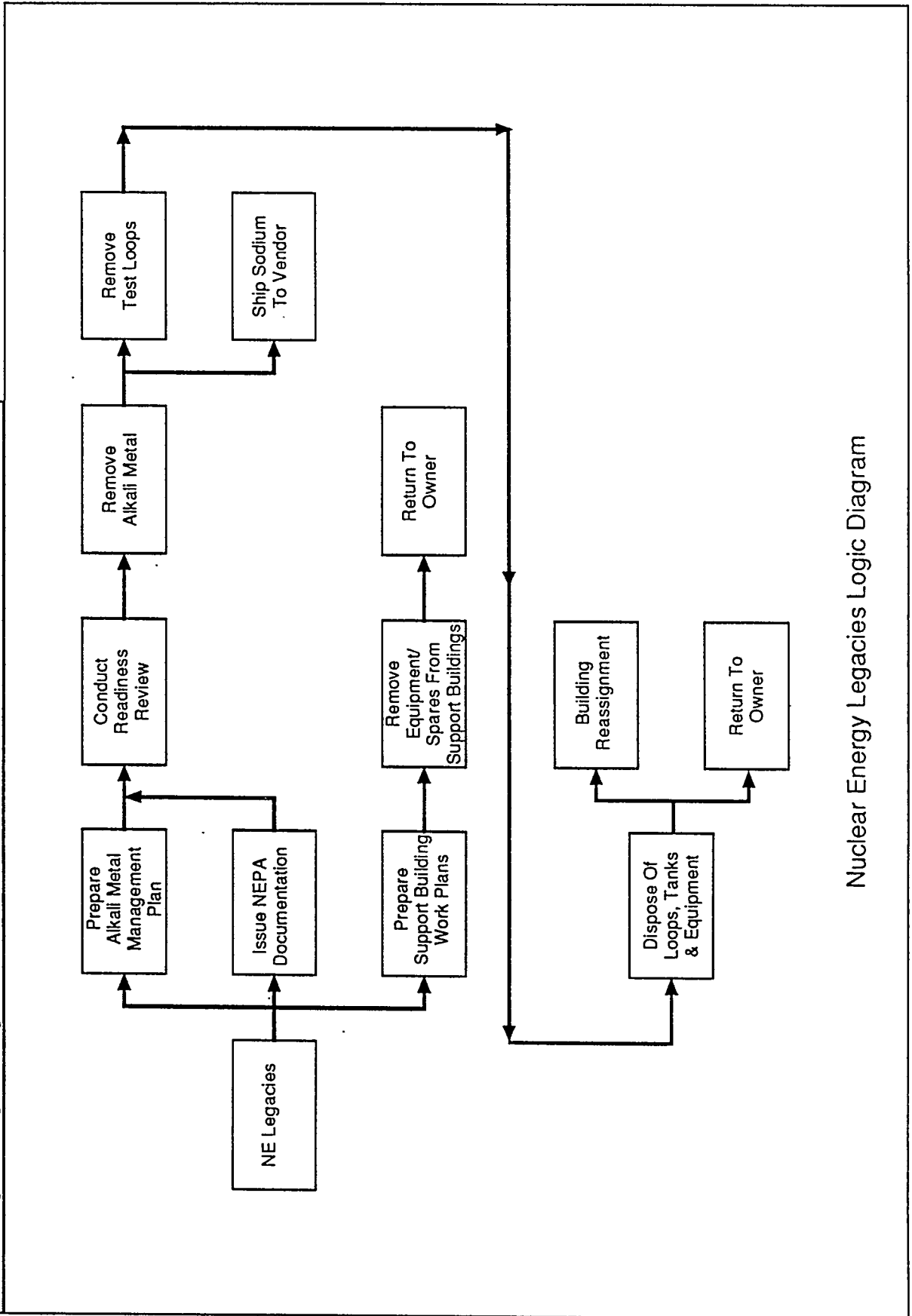
308 Building Shutdown Logic Diagram

ADVANCED REACTORS TRANSITION

WBS 7.3

FY 1995 MYPP

2.C. Program Logic Diagram



ADVANCED REACTORS TRANSITION

WBS 7.3

FY 1995 MYPP

2.D. Program Master Baseline Schedule

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
CENRTC												
GPP/MTR												
ADS 6642												
Line Item Construction												
• Sodium Storage Facility												
• Sodium Reaction Facility												
• Interim Storage Area												
• PFP Mods For FFTF												

F-027
Complete IEM Cell Enhancement/CLS
Modifications (Defense Funded)



F-029 Complete ISA Design

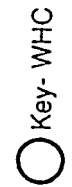


F-029 Complete ISA Construction

FTA940913

Notes: - F-027 Funded By 39EW31357

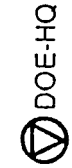
- F-029 Funded By 39EX70020



Key- WHC



Major-RL

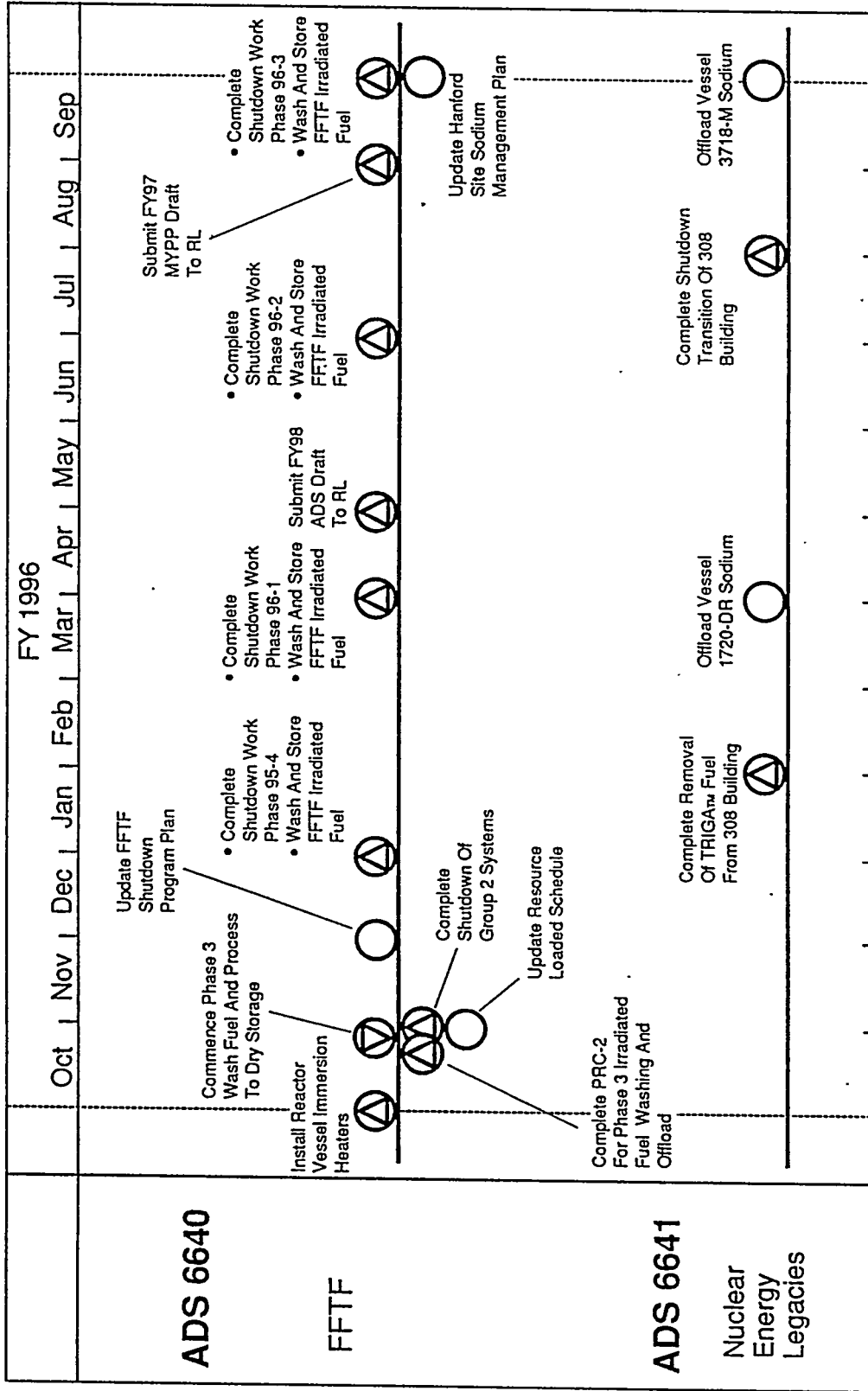


DOE-HQ

ADVANCED REACTORS TRANSITION WBS 7.3

FY 1995 MYPP

2.D. Program Master Baseline Schedule



FTRP940913

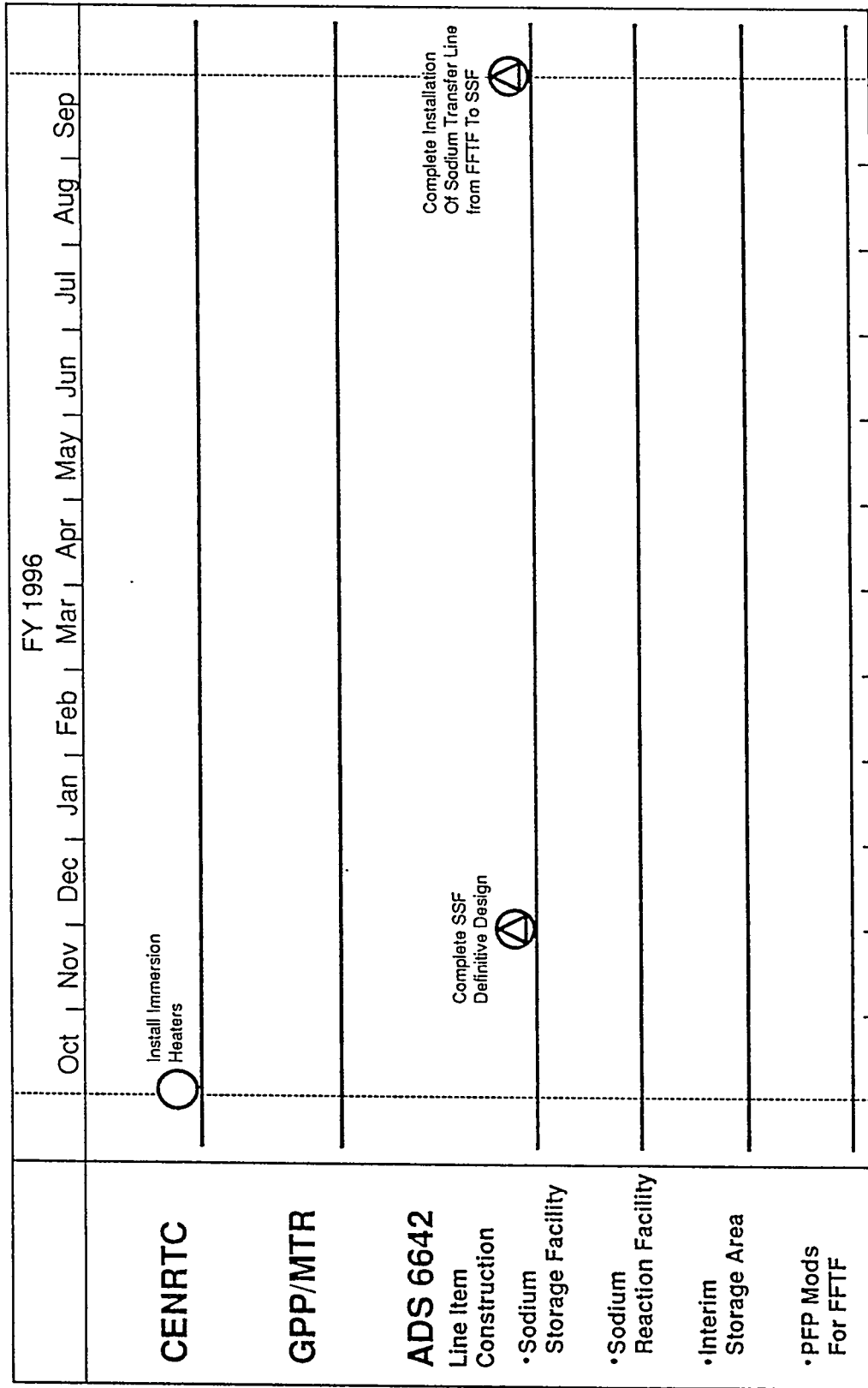
○ Key-WHC △ Major-RL ⊙ DOE-HQ

ADVANCED REACTORS TRANSITION

WBS 7.3

FY 1995 MYPP

2.D. Program Master Baseline Schedule



○ Key- WHC △ Major-RL ⊙ DOE-HQ

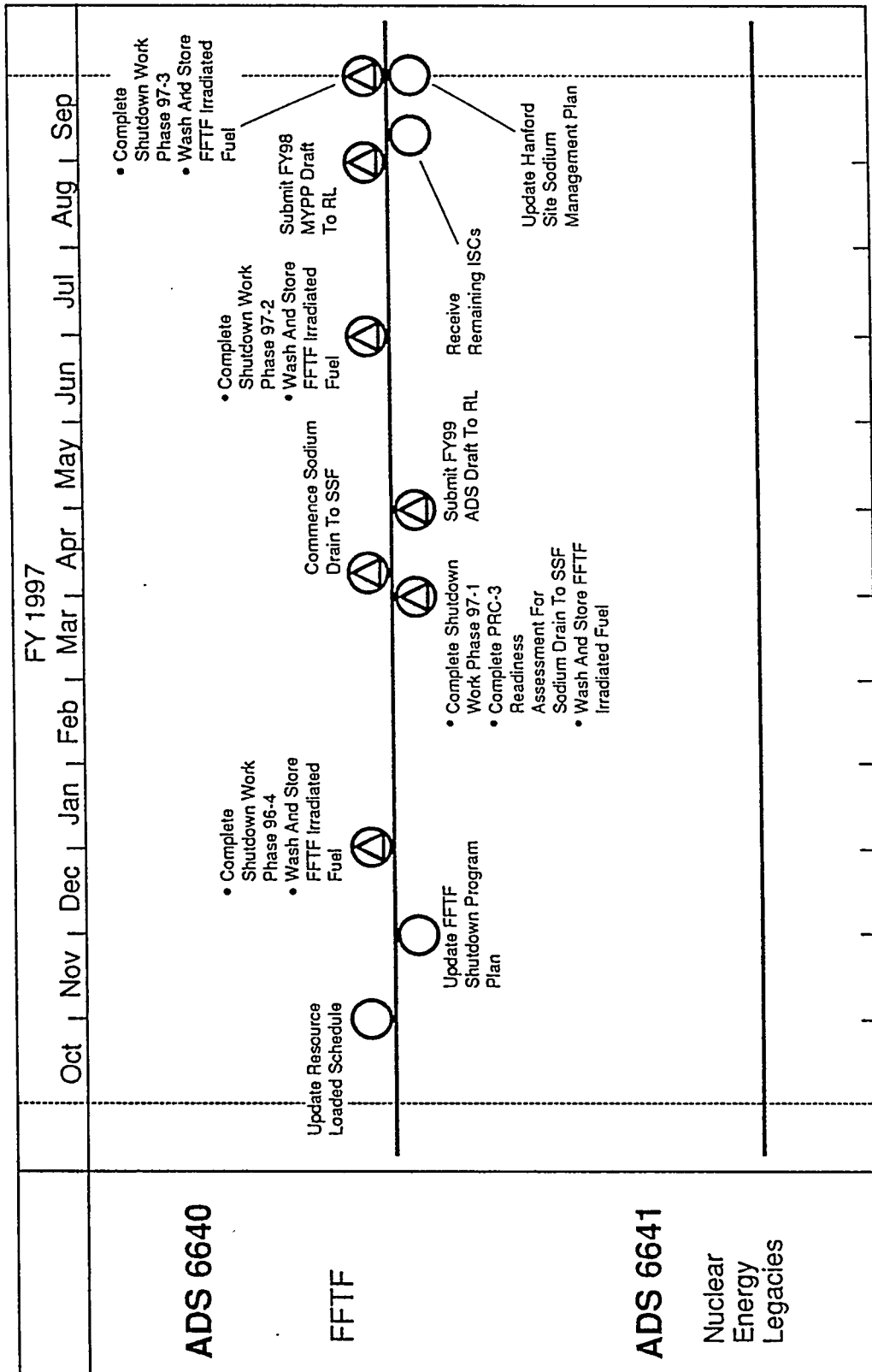
FTA940913

ADVANCED REACTORS TRANSITION

WBS 7.3

FY 1995 MYPP

2.D. Program Master Baseline Schedule



FTRP940826

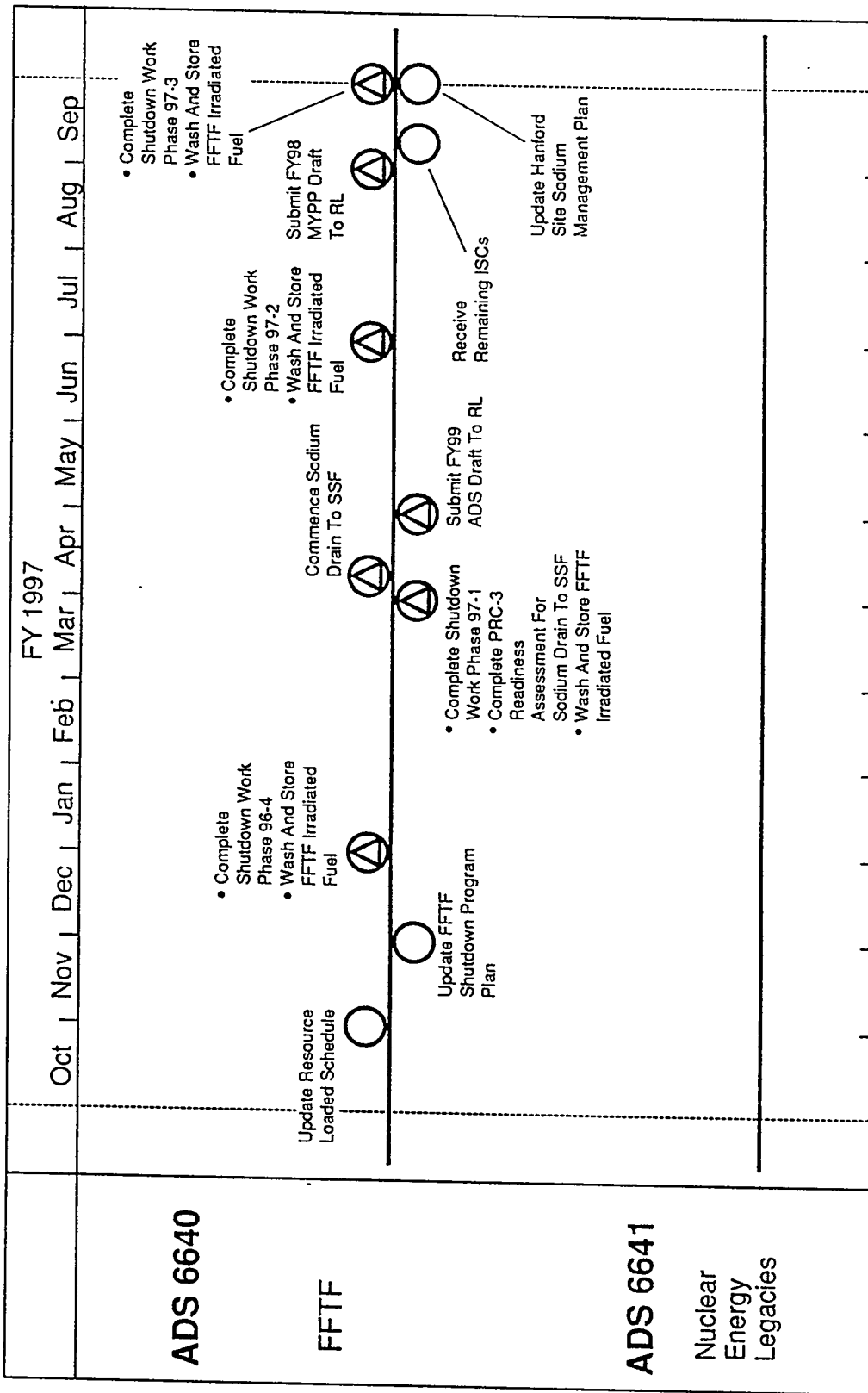
○ Key-WHC △ Major-RL ⊙ DOE-HQ

ADVANCED REACTORS TRANSITION

WBS 7.3

FY 1995 MYPP

2.D. Program Master Baseline Schedule



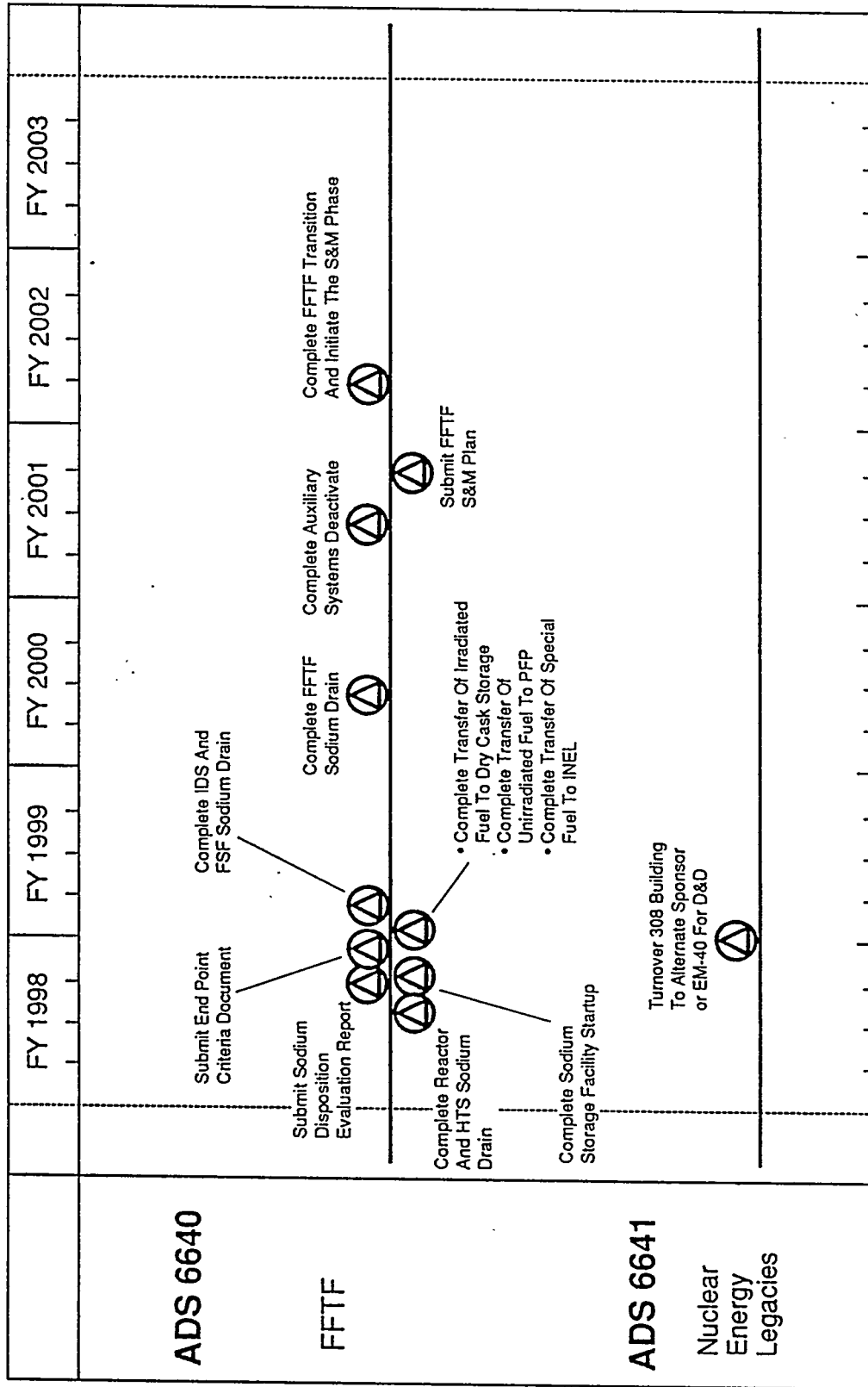
FTRP940826

○ Key-WHC △ Major-RL ⊙ DOE-HQ

ADVANCED REACTORS TRANSITION WBS 7.3

FY 1995 MYPP

2.D. Program Master Baseline Schedule



FTRP940913

○ Key-WHC △ Major-RL ⊙ DOE-HQ

2.D. Program Master Baseline Schedule

	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003
CENRTC						
GPP/MTR						
ADS 6642 Line Item Construction						
• Sodium Storage Facility						
• Sodium Reaction Facility						
• Interim Storage Area						
• PFP Mods For FFTF						

FTA940913

○ Key- WHC ⊙ Major-RL ⊙ DOE-HQ

ADVANCED REACTORS TRANSITION

WBS 7.3

FY 1995 MYPP

2.D.1. Milestone Schedule for FY 1995

ACTIVITY DATA SHEET		FISCAL YEAR 1995											
		OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
ADS 6640	☒ Complete Interim Storage Cask design ☐ Update Resource Loaded Schedule												
FFTF	☒ Submit SSF CDR and issue to RL for approval ☐ Update FFTF Shutdown Program Plan ☒ Place procurement contract for closed CCC ☒ Complete Shutdown Work Phase 94-4 ☐ Complete negotiations and public review of TPA Milestones TPA- ☒ Submit Sodium Storage Facility and Sodium Reaction Facility Notice of Intent ☒ Complete reactor vessel sector 2 in-core defueling, not including Center Island and in-vessel storage ☒ Submit Notice of Construction for Sodium Storage Facility ☒ Develop S/RID ☒ Complete reconnection of containment sodium drain line (M94) in accordance with the ASME Traveller ☐ Complete implementation of DOE Radiation Control Manual ☒ Complete Shutdown Work Phase 95-1 ☒ Complete CG&A of Solid Waste Transfer Pit ☒ Complete reactor vessel sector 3 in-core defueling, not including Center Island and in-vessel storage												
MILESTONE TYPES: ☐ KEY-WHC ☒ Major-RL ☒ DOE-HQ													

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ADVANCED REACTORS TRANSITION WBS 7.3

FY 1995 MYPP

2.D.1.1. Milestone Schedule for FY 1995

ACTIVITY DATA SHEET	FISCAL YEAR 1995											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
ADS 6640	☒ Submit 10 CFR 830.330 Training Rule Implementation Plan to RL for approval ☐ Complete Project F-027 IEM Cell enhancement/ Cask Loading Station modifications ☒ Submit FY 1997 ADS draft to RL ☐ Receive first ISC ☒ Complete sector 2 and 3 Center Island defueling Submit SSF and SRF Part A Permit Application for the interim status construction and operation ☒ Complete NEPA process (FONSI issued) ☒ Complete Shutdown Work Phase 95-2 ☒ Administrative assessment of S/RID											
FFTF	Complete PO-4 processing to pins ready to leave the IEM Cell ☒ Determine feasibility of reactor vessel inlet plenum draining ☐ Complete shutdown of Group 1 systems ☒ Submit FY 1996 MYPP draft to RL ☒											
MILESTONE TYPES: ☐ KEY-WHC ☒ Major-RL ☒ DOE-HQ												

Filename: C:\GALLERY\FY95B.GAL

ADVANCED REACTORS TRANSITION WBS 7.3

FY 1995 MYPP

2.D.1. Milestone Schedule for FY 1995

ACTIVITY DATA SHEET	FISCAL YEAR 1995											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
ADS 6640 FFTF	Submit amended T-3 Cask license to RL ☐ Complete reactor vessel defueling TPA-☒ Complete first CCC/ISC testing ☐ Place procurement contract for remaining ISCs ☒ Update Hanford Site Sodium Management Plan ☐ Complete Shutdown Work Phase 95-3 ☒ Complete processing of DNM ACN-1 ☒											
ADS 6641 Nuclear Energy Legacies	Complete NRF TRIGATM irradiated fuel shipping and storage casks ☒											
ADS 6642 FFTF Shutdown Construction	☒ Complete ISA design ☒ Complete ISA construction											

MILESTONE TYPES: ☐ Key-WHC ☒ Major-RL ☒ DOE-HQ

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ADVANCED REACTORS TRANSITION

WBS 7.3

FY 1995 MYPP

2.E. Program Performance Baseline Schedule

This Program Performance Baseline Schedule (PPBS) was generated by the Project/2, Series X (P/X) [Project Software and Development, Inc.] computer program, based upon input as described in detail in the Fast Flux Test Facility Shutdown Project Resource Loaded Schedule (RLS) document referenced in Section 1.B.1, Technical Functions and Requirements. Since the issuance of that document, new guidance has been received. As noted in the Milestone Description (Section 2.G), the RLS will be upgraded by October 31, 1994, to reflect this guidance. It is believed that these schedules and logic ties will not be significantly affected, although all changes will be made through the formal change control procedure.

FY 1995 MYPP

2.E. Program Performance Baseline Schedule

Activity		Duration	Start	Description	Finish	Total Cost
181701 PROJECT MANAGEMENT						
181701	Program Management	2143, D	12/15/93	08/28/02	12,003,804 \$	
18170101 PLANNING						
18170101	Program Planning	2143, D	12/15/93	08/28/02	2,337,700 \$	
1817010101	Program Planning	2143, D	12/15/93	08/28/02	2,337,700 \$	
1817010102	Complete Description of PTP (TPA Milestones)	6, D	08/28/02	08/28/02		
1817010103	PTP Schedule Program Planning	2143, D	12/15/93	08/28/02	2,337,700 \$	
18170102 PROJECT CONTROL						
18170102	Project Planning, Scheduling & Control	2143, D	12/15/93	08/28/02	2,803,547 \$	
1817010201	Project Planning, Scheduling & Control	2143, D	12/15/93	08/28/02	2,803,547 \$	
1817010202	Project Evaluation, Work, & Change Control	2143, D	12/15/93	08/28/02	318,438 \$	
1817010203	DOE/RL Project Summary	2143, D	12/15/93	08/28/02		
1817010204	PTP Schedule	2143, D	12/15/93	08/28/02		
1817010205	PTP Dictionary	2143, D	12/15/93	08/28/02		
1817010206	PTP Dictionary	2143, D	12/15/93	08/28/02		
1817010207	PTP Dictionary	2143, D	12/15/93	08/28/02		
1817010208	Resource Identification	2143, D	12/15/93	08/28/02		
1817010209	Cost & Schedule Control	2143, D	12/15/93	08/28/02		
18170103 REPORTING						
18170103	Submit Project Costs	2143, D	12/15/93	08/28/02	978,048 \$	
1817010301	Cost Account	2143, D	12/15/93	08/28/02	978,048 \$	
1817010302	Cost Account	2143, D	12/15/93	08/28/02	160,348 \$	
1817010303	Cost Account	2143, D	12/15/93	08/28/02		
1817010304	Cost Account	2143, D	12/15/93	08/28/02		
1817010305	Monthly Report	2143, D	12/15/93	08/28/02		
1817010306	Monthly Report	2143, D	12/15/93	08/28/02		
1817010307	Change Control	2143, D	12/15/93	08/28/02		
1817010308	Change Control	2143, D	12/15/93	08/28/02		
1817010309	Change Control	2143, D	12/15/93	08/28/02		
18170104 PLANT TURNKEY						
18170104	Plant Turnkey	2143, D	12/15/93	08/28/02	978,048 \$	
1817010401	Plant Turnkey	2143, D	12/15/93	08/28/02	978,048 \$	

2.E-2

2.E. Program Performance Baseline Schedule

[illegible]

2.E. Program Performance Baseline Schedule

[illegible]

2.E-5

2.E. Program Performance Baseline Schedule

[illegible]

ADVANCED REACTORS TRANSITION WBS 7.3

FY 1995 MYPP

2.E. Program Performance Baseline Schedule

Activity	Duration	Start	Finish	Total Cost	As of: June 25, 1994 Task detail by Cost Account											
					1993	1994	1995	1996	1997	1998	1999	2000	2001	2002		
					OCT	JAN	APR	JUL	OCT	JAN	APR	JUL	OCT	JAN	APR	JUL
					1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th
1318080304	34X 1997 Argon Charge	12/31/97		347,005 \$												
1318080305	34X 1998 Argon Charge	12/31/98		337,504 \$												
1318080306	34X 1999 Argon Charge	03/31/99		91,361 \$												
1318080307	34X 1999 Argon Charge Ramp Down	12/31/99		230,323 \$												
1318080308	34X 2000 Argon Charge Ramp Down	12/31/00		87,419 \$												
1318080309	34X 2001 Argon Charge Ramp Down	03/31/01		4,309 \$												
1318080310	34X 2001 Argon Charge Ramp Down	12/31/01		13,051 \$												
1318080311	34X 2002 Argon Charge Ramp Down	03/31/02		0 \$												
13180804 SEM NITROGEN																
1318080401	34X 1997 Nitrogen Charge	04/30/97		813,043 \$												
1318080402	34X 1998 Nitrogen Charge	12/31/98		99,075 \$												
1318080403	34X 1999 Nitrogen Charge	12/31/99		101,675 \$												
1318080404	34X 1999 Nitrogen Charge Ramp Down	12/31/99		104,653 \$												
1318080405	34X 2000 Nitrogen Charge Ramp Down	12/31/00		105,001 \$												
1318080406	34X 2001 Nitrogen Charge Ramp Down	03/31/01		111,241 \$												
1318080407	34X 2001 Nitrogen Charge Ramp Down	12/31/01		28,430 \$												
1318080408	34X 2002 Nitrogen Charge Ramp Down	03/31/02		97,204 \$												
1318080409	34X 2002 Nitrogen Charge Ramp Down	12/31/02		116,013 \$												
1318080410	34X 2001 Nitrogen Charge Ramp Down	03/31/01		27,903 \$												
1318080411	34X 2002 Nitrogen Charge Ramp Down	03/31/02		18,450 \$												
13180805 SEM MATERIAL																
1318080501	34X 1994 Material Costs	08/25/92		7,136,823 \$												
1318080502	34X 1995 Material Costs	12/30/94		925,744 \$												
1318080503	34X 1996 Material Costs	12/28/95		931,821 \$												
1318080504	34X 1997 Material Costs	12/31/96		979,823 \$												
1318080505	34X 1998 Material Costs	12/31/97		1,009,250 \$												
1318080506	34X 1999 Material Costs	12/31/98		1,039,523 \$												
1318080507	34X 1999 Material Costs Ramp Down	03/31/99		285,709 \$												
1318080508	34X 2000 Material Costs Ramp Down	12/30/99		908,166 \$												
1318080509	34X 2001 Material Costs Ramp Down	12/29/00		537,665 \$												
1318080510	34X 2001 Material Costs Ramp Down	03/23/01		260,716 \$												
1318080511	34X 2002 Material Costs Ramp Down	12/31/01		153,779 \$												
1318080511	34X 2002 Material Costs Ramp Down	03/22/02		104,325 \$												

2.E. Program Performance Baseline Schedule

Activity		Description	Start	Finish	Total Cost
1B1809 S8M SUPPORT FUNCTIONS					
1B1809	S8M Support Functions		06/18/94	06/18/94	30,775,363.8
1B1809	S8M Support Functions		06/18/94	06/18/94	30,775,363.8
1B180901 S8M GR/VC SUPPORT					
1B180901	S8M GR/VC Support		06/18/94	06/18/94	4,205,500.8
1B18090101	S8M 1984 GR/VC Activities		06/18/94	12/30/94	818,822.8
1B18090102	S8M 1985 GR/VC Activities		06/18/94	12/30/94	818,822.8
1B18090103	S8M 1986 GR/VC Activities		06/18/94	12/30/94	818,822.8
1B18090104	S8M 1987 GR/VC Activities		06/18/94	12/30/94	818,822.8
1B18090105	S8M 1988 GR/VC Activities		06/18/94	12/30/94	818,822.8
1B18090106	S8M 1989 GR/VC Activities		06/18/94	12/30/94	818,822.8
1B18090107	S8M 1990 GR/VC Activities		06/18/94	12/30/94	818,822.8
1B18090108	S8M 1991 GR/VC Activities		06/18/94	12/30/94	818,822.8
1B18090109	S8M 1992 GR/VC Activities		06/18/94	12/30/94	818,822.8
1B18090110	S8M 1993 GR/VC Activities		06/18/94	12/30/94	818,822.8
1B18090111	S8M 1994 GR/VC Activities		06/18/94	12/30/94	818,822.8
1B180902 S8M SAFETY					
1B180902	S8M Safety		06/18/94	06/18/94	4,485,754.8
1B18090201	S8M 1984 Nuclear/Industrial Safety Activity		06/18/94	12/30/94	817,247.8
1B18090202	S8M 1985 Nuclear/Industrial Safety Activity		06/18/94	12/30/94	817,247.8
1B18090203	S8M 1986 Nuclear/Industrial Safety Activity		06/18/94	12/30/94	817,247.8
1B18090204	S8M 1987 Nuclear/Industrial Safety Activity		06/18/94	12/30/94	817,247.8
1B18090205	S8M 1988 Nuclear/Industrial Safety Activity		06/18/94	12/30/94	817,247.8
1B18090206	S8M 1989 Nuclear/Industrial Safety Activity		06/18/94	12/30/94	817,247.8
1B18090207	S8M 1990 Nuclear/Industrial Safety Activity		06/18/94	12/30/94	817,247.8
1B18090208	S8M 1991 Nuclear/Industrial Safety Activity		06/18/94	12/30/94	817,247.8
1B18090209	S8M 1992 Nuclear/Industrial Safety Activity		06/18/94	12/30/94	817,247.8
1B18090210	S8M 1993 Nuclear/Industrial Safety Activity		06/18/94	12/30/94	817,247.8
1B18090211	S8M 1994 Nuclear/Industrial Safety Activity		06/18/94	12/30/94	817,247.8
1B180903 S8M TRAINING					
1B180903	S8M Training		06/18/94	06/18/94	5,558,707.8
1B18090301	S8M 1984 Training Activity		06/18/94	12/30/94	885,975.8
1B18090302	S8M 1985 Training Activity		06/18/94	12/30/94	885,975.8
1B18090303	S8M 1986 Training Activity		06/18/94	12/30/94	885,975.8
1B18090304	S8M 1987 Training Activity		06/18/94	12/30/94	885,975.8
1B18090305	S8M 1988 Training Activity		06/18/94	12/30/94	885,975.8
1B18090306	S8M 1989 Training Activity		06/18/94	12/30/94	885,975.8
1B18090307	S8M 1990 Training Activity		06/18/94	12/30/94	885,975.8
1B18090308	S8M 1991 Training Activity		06/18/94	12/30/94	885,975.8
1B18090309	S8M 1992 Training Activity		06/18/94	12/30/94	885,975.8
1B18090310	S8M 1993 Training Activity		06/18/94	12/30/94	885,975.8
1B18090311	S8M 1994 Training Activity		06/18/94	12/30/94	885,975.8

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2.E. Program Performance Baseline Schedule

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2.E. Program Performance Baseline Schedule

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ADVANCED REACTORS TRANSITION
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2.E. Program Performance Baseline Schedule

Activity	Duration	Start	Description	Finish	Total Cost	As of: June 23, 1994 Task Detail by Cost Account											
						1993	1994	1995	1996	1997	1998	1999	2000	2001	2002		
						OCT 1st	JAN 1st	JUL 1st	OCT 1st	JAN 1st	JUL 1st	OCT 1st	JAN 1st	JUL 1st	OCT 1st	JAN 1st	JUL 1st
1B18100304	34M 1997 Electrical Engineering Support	12/31/97			1,582,040 \$												
1B18100305	34M 1998 Electrical Engineering Support	12/31/98			1,629,701 \$												
1B18100306	34M 1999 Electrical Engineering Support	03/31/99			418,549 \$												
1B18100307	34M 1998 Electrical Eng Support Equip	12/30/98			1,453,102 \$												
1B18100308	34M 2000 Electrical Eng Support Equip	12/31/00			650,589 \$												
1B18100309	34M 2001 Electrical Eng Support Equip	12/31/01			288,569 \$												
1B18100310	34M 2002 Electrical Eng Support Equip	12/31/02			496,479 \$												
1B18100311	34M 2003 Electrical Eng Support Equip	12/31/03			338,022 \$												
1B181004 S&H SODIUM DRAIN & STORAGE ENGINEERING																	
1B18100401	34M 1994 Sodium Drain & Storage Equip	12/31/94			4,788,058 \$												
1B18100402	34M 1995 Sodium Drain & Storage Equip	12/31/95			779,840 \$												
1B18100403	34M 1996 Sodium Drain & Storage Equip	12/31/96			801,848 \$												
1B18100404	34M 1997 Sodium Drain & Storage Equip	12/31/97			825,177 \$												
1B18100405	34M 1998 Sodium Drain & Storage Equip	12/31/98			840,939 \$												
1B18100406	34M 1999 Sodium Drain & Storage Equip	12/31/99			873,545 \$												
	34M 2000 Sodium Drain & Storage Equip	12/31/00			598,110 \$												
1B181005 WAREHOUSING																	
1B18100501	34M 1995 Warehousing Services	12/30/99			6,831,300 \$												
1B18100502	34M 1996 Warehousing Services	12/30/99			1,128,100 \$												
1B18100503	34M 1998 Warehousing Services	12/30/99			1,160,081 \$												
1B18100504	34M 1999 Warehousing Services	12/31/99			1,104,065 \$												
1B18100505	34M 2000 Warehousing Services	12/31/99			1,229,947 \$												
1B18100506	34M 1999 Warehousing Services	12/31/99			1,286,540 \$												
	34M 2000 Warehousing Services	12/30/99			652,366 \$												
1B181006 SPARES																	
1B18100601	34M 1998 Spare Inventory	12/30/99			1,926,770 \$												
1B18100602	34M 1999 Spare Inventory	12/30/99			325,482 \$												
1B18100603	34M 1998 Spare Inventory	12/30/99			325,809 \$												
1B18100604	34M 1999 Spare Inventory	12/31/99			348,740 \$												
1B18100605	34M 1998 Spare Inventory	12/31/99			358,213 \$												
1B18100606	34M 1999 Spare Inventory	12/31/99			389,808 \$												
	34M 2000 Spare Inventory	12/30/99			190,327 \$												

2.E. Program Performance Baseline Schedule

As of: June 23, 1994 Task detail by Cost Account															
Activity	Duration	Description	Start	Finish	Total Cost	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
							OCT JAN APR JUL OCT JAN								

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2.E. Program Performance Baseline Schedule

Activity	Duration	Description	Start	Finish	Total Cost	As of: June 25, 1994 Task detail by Cost Account											
						1994				1995				1996			
						OCT	JAN	APR	JUL	OCT	JAN	APR	JUL	OCT	JAN	APR	JUL
1B18110304	251. D	1997 Maintenance Material	12/31/97		1,080,175 \$												
1B18110305	251. D	1998 Maintenance Material	12/31/98		1,120,616 \$												
1B18110306	251. D	1999 Maintenance Material	12/31/99		280,555 \$												
1B18110307	251. D	2000 Maintenance Material Run Down	12/31/00		427,362 \$												
1B18110308	251. D	2001 Maintenance Material Run Down	12/31/01		578,634 \$												
1B18110309	251. D	2002 Maintenance Material Run Down	12/31/02		281,119 \$												
1B18110310	188. D	2001 Maintenance Material Run Down	12/31/01		185,735 \$												
1B18110311	128. D	2002 Maintenance Material Run Down	06/25/02		112,889 \$												
1B181104 S&M MAINTENANCE EXTERNAL SUPPORT																	
1B181104	2135. D	1994 Maintenance External Support Services	06/26/92		8,089,015 \$												
1B18110401	2135. D	1995 Maintenance External Support Services	12/30/94		1,127,968 \$												
1B18110402	258. D	1996 Maintenance External Support Services	12/29/96		1,155,343 \$												
1B18110403	252. D	1997 Maintenance External Support Services	12/31/98		1,193,880 \$												
1B18110404	251. D	1998 Maintenance External Support Services	12/31/99		1,228,716 \$												
1B18110405	251. D	1999 Maintenance External Support Services	12/31/00		1,286,402 \$												
1B18110406	251. D	2000 Maintenance External Support Services	03/31/01		325,793 \$												
1B18110407	251. D	2001 Maintenance External Support Services Run Down	03/31/01		325,793 \$												
1B18110408	251. D	2002 Maintenance External Support Services Run Down	03/31/01		325,793 \$												
1B18110409	251. D	2003 Maintenance External Support Services Run Down	03/31/01		317,714 \$												
1B18110410	251. D	2004 Maintenance External Support Services Run Down	03/31/01		317,714 \$												
1B18110411	128. D	2005 Maintenance External Support Services Run Down	06/25/02		127,343 \$												

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2.E. Program Performance Baseline Schedule

As of: June 25, 1994					
Task detail by Cost Account					
Activity	Description	Start	Finish	Total Cost	
Duration					
1994	1995	1996	1997	1998	1999
OCT JAN APR JUL OCT JAN					

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2.E. Program Performance Baseline Schedule

As of: June 25, 1994 Task detail by Cost Account																														
Activity	Duration	Start	Description	Finish	Total Cost	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002															
						OCT	JAN	APR	JUL	OCT	JAN	APR	JUL	OCT	JAN	APR	JUL	OCT	JAN	APR	JUL	OCT	JAN	APR	JUL	OCT	JAN	APR	JUL	OCT
						1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st
1B1813 S8M SAFEGUARDS & SECURITY																														
1B1813																														
1B1813	2134. D		S&M Safeguards & Security	07/01/02	18,065,230 \$																									
1B181301 S8M SAFEGUARDS & SECURITY ACTIVITY																														
1B181301	2134. D		S&M Safeguards & Security	07/01/02	18,035,230 \$																									
1B18130101	251. D		S&M 1884 Safeguards & Security Activity																											
1B18130102	251. D		S&M 1884 Safeguards & Security Activity	12/30/94	4,139,206 \$																									
1B18130103	252. D		S&M 1886 Safeguards & Security Activity		1,691,124 \$																									
1B18130104	252. D		S&M 1886 Safeguards & Security Activity	12/31/96	1,026,448 \$																									
1B18130105	251. D		S&M 1997 Safeguards & Security Activity		1,094,979 \$																									
1B18130106	251. D		S&M 1998 Safeguards & Security Activity		2,094,763 \$																									
1B18130107	62. D		S&M 1998 Safeguards & Security Activity	03/31/99	1,316,436 \$																									
1B18130108	168. D		S&M 1998 S/S Activity Ramp Down		569,944 \$																									
1B18130109	252. D		S&M 2000 S/S Activity Ramp Down	01/02/01	658,092 \$																									
1B18130110	62. D		S&M 2001 S/S Activity Ramp Down	03/30/01	223,391 \$																									
1B18130111	168. D		S&M 2001 S/S Activity Ramp Down	01/02/02	684,048 \$																									
1B18130111	128. D		S&M 2002 S/S Activity Ramp Down	07/01/02	307,379 \$																									

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2.E. Program Performance Baseline Schedule

Activity	Duration	Start	Finish	Total Cost	As of: Task detail by Cost Account											
					1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	June 23, 1994	
					OCT 1st	JAN 4th	JUL 1st	OCT 1st	JAN 4th	JUL 1st	OCT 1st	JAN 4th	JUL 1st	OCT 1st	JAN 4th	JUL 1st
					1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th
1B1902 SUPPORT FUNCTIONS																
1B1902	Support Functions	12/15/93	06/26/02	36,373,544 \$												
1B190201	Safety	12/15/93	06/26/02	2,270,344 \$												
1B19020101	Nuclear Safety Activities	06/26/02		311,478 \$												
1B19020102	Industrial Safety Activities	06/26/02		1,121,322 \$												
1B19020103	Fire Protection Activities	06/26/02		62,294 \$												
1B19020104	Industrial Hygiene Activities	06/26/02		540,161 \$												
1B190202 ENVIRONMENTAL COMPLIANCE																
1B190202	Environmental Compliance	06/26/02		44,082 \$												
1B19020202	DOE 231, D	06/01/93		44,082 \$												
1B19020203	SSP Building Permit & Regulatory Compliance	12/15/93														
1B19020204	Licenses & Permit Activities	06/26/02														
1B190203 QUALITY ASSURANCE																
1B190203	Quality Assurance	06/26/02		1,948,726 \$												
1B19020301	Quality Assurance Activities	06/26/02		1,948,726 \$												
1B190205 OPERATIONS ADMINISTRATION																
1B190205	Operations Administration	06/26/02		2,406,903 \$												
1B19020501	1993 Operations Administration	12/31/93		416,266 \$												
1B19020502	1994 Operations Administration	12/31/94		423,023 \$												
1B19020503	1995 Operations Administration	12/31/95		442,120 \$												
1B19020504	1996 Operations Administration	12/31/96		480,033 \$												
1B19020505	1997 Operations Administration	12/31/97		473,846 \$												
1B19020506	1998 Operations Administration	12/31/98		121,139 \$												
1B19020507	1999 Operations Administration	12/31/99		43,322 \$												
1B19020508	2000 Operations Administration	12/31/00		20,550 \$												
1B19020509	2001 Operations Administration	12/31/01		3,502 \$												
1B19020510	2002 Operations Administration	12/31/02														
1B19020511	2003 Operations Administration	12/31/03														
1B190206 ENGINEERING ADMINISTRATION																
1B190206	Engineering Administration	06/26/02		14,354,234 \$												

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2.E. Program Performance Baseline Schedule

As of: June 23, 1994 Task detail by Cost Account																
Activity	Description	Start	Finish	Total Cost												
					1993	1994	1995	1996	1997	1998	1999	2000	2001	2002		
		Duration			OCT JAN APR JUL OCT JAN APR JUL											

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2.E. Program Performance Baseline Schedule

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2.E. Program Performance Baseline Schedule

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2.E. Program Performance Baseline Schedule

Activity	Description	Start	Finish	Total Cost	As of: June 23, 1994 Task detail by Cost Account											
					1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	1994	
1B190401	Na/Nc Removal & System Shutdown	12/15/93	06/26/97	22,144,100											1st 2nd 3rd 4th 1st 2nd 3rd 4th 1st 2nd 3rd 4th 1st	1st 2nd 3rd 4th 1st 2nd 3rd 4th 1st
1B19040101	Na/Nc Removal & System Shutdown	12/15/93	06/26/97	22,144,100											1st 2nd 3rd 4th 1st 2nd 3rd 4th 1st 2nd 3rd 4th 1st	1st 2nd 3rd 4th 1st 2nd 3rd 4th 1st
1B19040102	Na/Nc Removal & System Shutdown	12/15/93	06/26/97	22,144,100											1st 2nd 3rd 4th 1st 2nd 3rd 4th 1st 2nd 3rd 4th 1st	1st 2nd 3rd 4th 1st 2nd 3rd 4th 1st
1B190402	Na/Nc Removal & System Shutdown	12/15/93	06/26/97	22,144,100											1st 2nd 3rd 4th 1st 2nd 3rd 4th 1st 2nd 3rd 4th 1st	1st 2nd 3rd 4th 1st 2nd 3rd 4th 1st
1B19040201	Na/Nc Removal & System Shutdown	12/15/93	06/26/97	22,144,100											1st 2nd 3rd 4th 1st 2nd 3rd 4th 1st 2nd 3rd 4th 1st	1st 2nd 3rd 4th 1st 2nd 3rd 4th 1st
1B19040202	Na/Nc Removal & System Shutdown	12/15/93	06/26/97	22,144,100											1st 2nd 3rd 4th 1st 2nd 3rd 4th 1st 2nd 3rd 4th 1st	1st 2nd 3rd 4th 1st 2nd 3rd 4th 1st
1B19040203	Na/Nc Removal & System Shutdown	12/15/93	06/26/97	22,144,100											1st 2nd 3rd 4th 1st 2nd 3rd 4th 1st 2nd 3rd 4th 1st	1st 2nd 3rd 4th 1st 2nd 3rd 4th 1st
1B19040204	Na/Nc Removal & System Shutdown	12/15/93	06/26/97	22,144,100											1st 2nd 3rd 4th 1st 2nd 3rd 4th 1st 2nd 3rd 4th 1st	1st 2nd 3rd 4th 1st 2nd 3rd 4th 1st
1B19040205	Na/Nc Removal & System Shutdown	12/15/93	06/26/97	22,144,100											1st 2nd 3rd 4th 1st 2nd 3rd 4th 1st 2nd 3rd 4th 1st	1st 2nd 3rd 4th 1st 2nd 3rd 4th 1st
1B19040206	Na/Nc Removal & System Shutdown	12/15/93	06/26/97	22,144,100											1st 2nd 3rd 4th 1st 2nd 3rd 4th 1st 2nd 3rd 4th 1st	1st 2nd 3rd 4th 1st 2nd 3rd 4th 1st
1B19040207	Na/Nc Removal & System Shutdown	12/15/93	06/26/97	22,144,100											1st 2nd 3rd 4th 1st 2nd 3rd 4th 1st 2nd 3rd 4th 1st	1st 2nd 3rd 4th 1st 2nd 3rd 4th 1st
1B19040208	Na/Nc Removal & System Shutdown	12/15/93	06/26/97	22,144,100											1st 2nd 3rd 4th 1st 2nd 3rd 4th 1st 2nd 3rd 4th 1st	1st 2nd 3rd 4th 1st 2nd 3rd 4th 1st
1B19040209	Na/Nc Removal & System Shutdown	12/15/93	06/26/97	22,144,100											1st 2nd 3rd 4th 1st 2nd 3rd 4th 1st 2nd 3rd 4th 1st	1st 2nd 3rd 4th 1st 2nd 3rd 4th 1st
1B19040210	Na/Nc Removal & System Shutdown	12/15/93	06/26/97	22,144,100											1st 2nd 3rd 4th 1st 2nd 3rd 4th 1st 2nd 3rd 4th 1st	1st 2nd 3rd 4th 1st 2nd 3rd 4th 1st
1B190403	SECONDARY Na DRAIN	12/15/93	06/26/97	22,144,100											1st 2nd 3rd 4th 1st 2nd 3rd 4th 1st 2nd 3rd 4th 1st	1st 2nd 3rd 4th 1st 2nd 3rd 4th 1st
1B19040301	SECONDARY Na DRAIN	12/15/93	06/26/97	22,144,100											1st 2nd 3rd 4th 1st 2nd 3rd 4th 1st 2nd 3rd 4th 1st	1st 2nd 3rd 4th 1st 2nd 3rd 4th 1st
1B19040302	SECONDARY Na DRAIN	12/15/93	06/26/97	22,144,100											1st 2nd 3rd 4th 1st 2nd 3rd 4th 1st 2nd 3rd 4th 1st	1st 2nd 3rd 4th 1st 2nd 3rd 4th 1st
1B19040303	SECONDARY Na DRAIN	12/15/93	06/26/97	22,144,100											1st 2nd 3rd 4th 1st 2nd 3rd 4th 1st 2nd 3rd 4th 1st	1st 2nd 3rd 4th 1st 2nd 3rd 4th 1st
1B19040304	SECONDARY Na DRAIN	12/15/93	06/26/97	22,144,100											1st 2nd 3rd 4th 1st 2nd 3rd 4th 1st 2nd 3rd 4th 1st	1st 2nd 3rd 4th 1st 2nd 3rd 4th 1st
1B19040305	SECONDARY Na DRAIN	12/15/93	06/26/97	22,144,100											1st 2nd 3rd 4th 1st 2nd 3rd 4th 1st 2nd 3rd 4th 1st	1st 2nd 3rd 4th 1st 2nd 3rd 4th 1st
1B19040306	SECONDARY Na DRAIN	12/15/93	06/26/97	22,144,100											1st 2nd 3rd 4th 1st 2nd 3rd 4th 1st 2nd 3rd 4th 1st	1st 2nd 3rd 4th 1st 2nd 3rd 4th 1st
1B19040307	SECONDARY Na DRAIN	12/15/93	06/26/97	22,144,100											1st 2nd 3rd 4th 1st 2nd 3rd 4th 1st 2nd 3rd 4th 1st	1st 2nd 3rd 4th 1st 2nd 3rd 4th 1st
1B190404	PRIMARY Na DRAIN	12/15/93	06/26/97	22,144,100											1st 2nd 3rd 4th 1st 2nd 3rd 4th 1st 2nd 3rd 4th 1st	1st 2nd 3rd 4th 1st 2nd 3rd 4th 1st
1B19040401	PRIMARY Na DRAIN	12/15/93	06/26/97	22,144,100											1st 2nd 3rd 4th 1st 2nd 3rd 4th 1st 2nd 3rd 4th 1st	1st 2nd 3rd 4th 1st 2nd 3rd 4th 1st
1B19040402	PRIMARY Na DRAIN	12/15/93	06/26/97	22,144,100											1st 2nd 3rd 4th 1st 2nd 3rd 4th 1st 2nd 3rd 4th 1st	1st 2nd 3rd 4th 1st 2nd 3rd 4th 1st
1B19040403	PRIMARY Na DRAIN	12/15/93	06/26/97	22,144,100											1st 2nd 3rd 4th 1st 2nd 3rd 4th 1st 2nd 3rd 4th 1st	1st 2nd 3rd 4th 1st 2nd 3rd 4th 1st
1B19040404	PRIMARY Na DRAIN	12/15/93	06/26/97	22,144,100											1st 2nd 3rd 4th 1st 2nd 3rd 4th 1st 2nd 3rd 4th 1st	1st 2nd 3rd 4th 1st 2nd 3rd 4th 1st

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2.E. Program Performance Baseline Schedule

Activity	Duration	Start	Finish	Total Cost	As of: Task detail by Cost Account											
					1993	1994	1995	1996	1997	1998	1999	2000	2001	2002		
					OCT 2nd	JAN 4th	JUL 1st	OCT 2nd	JAN 4th	JUL 1st	OCT 2nd	JAN 4th	JUL 1st	OCT 2nd	JAN 4th	JUL 1st
					1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th
1B190405 FFF/SSF DRAIN SETUP																
1B190405	368 D	07/27/93	05/27/99	1,089,187 \$												
	Na Recirculating & Evaporating System Modifications															
1B19040501	Design, Install, Test FFF to Plant Drain Sys Icons	18. M	05/01/94	06/29/97												
1B19040502	Design, Install, Test FFF to SSF Na Drain Icons	18. M	05/01/94	06/29/97												
1B19040503	Reconnect CTR Na Drain P-44 to SSF Na Drain P-44	1. M	04/03/98	07/01/98												
1B19040504	Verify FFF Trace Heat/Insulation Operability	1. M	09/02/97	09/30/97												
1B19040505	Na Rec/Quenching Sys S/D and Documentation	2. M	03/14/94	03/27/99												
1B190406 PRIMARY Na PROCESS DRAIN																
1B190406	Primary Na Process System Drain & Shutdown	318 D	12/15/93	05/12/98												
	Eng Study & Design of P-41 for IDS Na to NaX Connections															
1B19040601	Eng Study & Design of P-41 for IDS Na to NaX Connections	18. M	12/15/93	05/12/98												
1B19040602	Melt-Out of IDS Synth. Pri Sample, Na-3 Operation	2. M	12/04/94	02/02/95												
1B19040603	Verify Trace Heat and Inert Gas Supply	2. M	08/02/97	06/02/97												
1B19040604	Pri Process System Drain and Documentation	7. M	12/02/93	01/17/98												
1B19040605	Pri Process Sys Layup and Decommission	4. M	01/25/98	05/12/98												
1B190407 IDS/CCP DRAIN																
1B190407	IDS Na/NaX Drain & System Shutdown	537. D	12/15/93	07/07/98												
	Eng Study/Design/Install IDS Na to NaX Connections															
1B19040701	Eng Study/Design/Install IDS Na to NaX Connections	6. M	12/10/93	05/13/94												
1B19040702	Verify IDS/Design/Install CDP Displacement Devices	2. M	04/02/95	04/02/95												
1B19040704	Melt-out P-41 for IDS Na Drain	2. M	04/09/98	04/10/98												
1B19040705	Verify IDS Trace Heat/Gas Sys Operability	2. M	08/10/98	10/08/98												
1B19040706	CCP Na Drain 10/13/98 and IDS Drain to T-43	10. M	10/13/98	01/01/99												
1B19040707	Drain T-43 to SSF & IDS Na Sys Layup and Doc	17. M	03/08/99	07/01/99												
1B190408 FFF Na/NaX DRAIN																
1B190408	FFF Na/NaX Drain & System Shutdown	354. D	07/31/98	07/30/98												
	Engineering Study for Draining the NaX System															
1B19040801	Engineering Study for Draining the NaX System	4. M	10/30/97	03/04/98												
1B19040802	Engineering Study for Drain & Melt of FFF Sodium	1. M	07/31/98	02/20/98												
1B19040803	Design/Install Na Drain P-41 for SSF NaX	1. M	04/03/98	04/03/98												
1B19040804	Verify FFF Trace Heat/Gas System Operability	1. M	12/03/98	01/05/99												
1B19040805	Fail NaX Cooling and Drain NaX into Sodium	0. M	02/02/98	09/01/98												
1B19040806	Drain FFF Sodium to SSF	27. M	07/08/98	04/13/99												
1B19040807	FFF Na/NaX System Layup and Decommission	15. M	04/14/98	07/30/98												

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2.E. Program Performance Baseline Schedule

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ADVANCED REACTORS TRANSITION WBS 7.3

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2.E. Program Performance Baseline Schedule

As of: June 25, 1994 Task detail by Cost Account																						
Activity	Duration	Description	Start	Finish	Total Cost	As of: June 25, 1994 Task detail by Cost Account																
						1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002						
						OCT	JAN	APR	JUL	OCT	JAN	APR	JUL	OCT	JAN	APR	JUL	OCT	JAN	APR	JUL	OCT
						1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st
1B19041501	Prepare PDC		02/03/97	03/25/97	45,164 \$																	
1B19041502	DOE Approval of PDC		04/01/97	08/01/97	0 \$																	
1B19041503	Prepare CR		04/02/97	09/30/97	632,103 \$																	
1B19041504	Approve CR		10/01/97	10/01/97	0 \$																	
1B19041505	Prep. Project Construction Data Sheet and RFI		02/03/97	04/25/97	167,354 \$																	
1B19041506	MLBB Authorize Capital Design Trade		04/01/97	10/01/97	0 \$																	
1B19041507	Complete Design, Regulatory & Cost Reviews		04/01/97	04/01/97	0 \$																	
1B19041508	Complete Construction and Turnover		07/15/99	07/15/99	0 \$																	
1B190416	SRF CG&R/OTF																					
1B190416	SRF Turnover		04/06/98	09/30/98	320,779 \$																	
1B19041601	Prepare Test Plan		04/06/98	08/03/98	12,135 \$																	
1B19041602	Prepare Test Specifications		04/06/98	08/04/98	12,135 \$																	
1B19041603	Prepare Test Procedures (CG&R/OTF)		04/06/98	12/03/98	37,452 \$																	
1B19041604	WEC Perform CG&R/OTF		07/13/99	09/14/99	130,824 \$																	
1B19041605	WEC Operational Testing		09/13/99	09/13/99	0 \$																	
1B19041606	PRC-1 for Mech Sodium to SRF		09/15/99	09/24/99	128,233 \$																	
1B19041607	PRC-2 Complete		09/30/99	09/30/99	0 \$																	
1B190417	SRF PROCEDURES/TRAINING																					
1B190417	WEC Prepare Facility Operating Procedures		04/06/98	09/30/98	30,037 \$																	
1B19041701	WEC Prepare Facility Operating Procedures		04/06/98	09/30/98	19,408 \$																	
1B19041702	Operator Training		09/02/98	09/02/98	10,529 \$																	
1B190418	SRF OPERATION																					
1B190418	React Sodium		09/13/99	09/30/01	10,372,061 \$																	
1B19041801	Shutdown Operations		09/30/99	03/31/00	3,842,795 \$																	
1B19041802	React Sodium & Prepare Facility Product		09/30/01	09/30/01	8,728,064 \$																	
1B19041803	Ship Product to User/Disposal Facility		04/03/00	09/30/01	0 \$																	
1B19041804	Complete Bulk Sodium Disposition		09/30/01	09/30/01	0 \$																	
1B19041805	Prepare and Approve SRF Shutdown Plan		09/15/99	12/15/99	0 \$																	
1B190419	SRF SHUTDOWN																					
1B190419	Shutdown SRF/SRF		09/30/01	06/26/02	4,141,443 \$																	
1B19041902	Remove Na Residue and Shutdown SRF/SRF		09/30/01	01/21/02	0 \$																	
1B19041903	Turnover SRF/SRF to DOE		01/21/02	06/26/02	0 \$																	

2.E. Program Performance Baseline Schedule

Activity		Description	Start	Finish	Total Cost
1B1905 SUPPORT SYSTEM SHUTDOWN					
1B1905	Support System Shutdown	12/15/93	03/16/01	9,717,346 \$	
1B190503 RUX SYSTEMS SHUTDOWN					
1B190503	RUX Systems Shutdown	12/15/93	03/16/01	5,314,403 \$	
1B19050301	Group 1 - Aux Sys S/D for Standby	08/10/95	08/10/95	581,347 \$	
1B19050302	Group 2 - Aux Sys S/D (After Fuel Line from Re)	11/07/93	11/07/93	128,006 \$	
1B19050303	Group 3 - Aux Sys S/D (After Primary No Drain)	02/20/98	02/20/98	315,128 \$	
1B19050304	Group 4 - Aux Sys S/D (After Primary No Drain)	08/05/98	08/05/98	444,610 \$	
1B19050305	Group 5 - Aux Sys S/D (After Fuel Line from Re)	08/07/98	08/07/98	400,000 \$	
1B19050306	Group 6 - Aux Sys S/D (After Fuel Line from Re)	12/21/98	12/21/98	320,524 \$	
1B19050307	Group 7 - Aux Sys S/D (After PSF Drain)	08/16/00	08/16/00	215,735 \$	
1B19050308	Group 8 - Aux Sys S/D (After IDS No Drain)	02/28/00	02/28/00	76,811 \$	
1B19050309	Group 9 - Aux Sys S/D (IDM C-31 Ant. Complete)	02/28/00	02/28/00	315,477 \$	
1B19050310	Group 10 - Aux Sys Final Systems Shutdown	01/17/01	01/17/01	1,791,391 \$	
1B19050311	Group 11 - Aux Sys S/D (After PSF Drain)	05/23/98	05/23/98	440,865 \$	
1B19050312	Group 12 - Aux Sys S/D (After PSF Drain)	05/23/98	05/23/98	203,731 \$	
1B19050313	Group 13 - Aux Sys S/D (After PSF Drain)	05/23/98	05/23/98	203,731 \$	
1B19050314	Group 14 - Aux Sys S/D (After PSF Drain)	05/23/98	05/23/98	203,731 \$	
1B190504 ELECTRICAL SYSTEM SHUTDOWN					
1B190504	Electrical System Shutdown	03/16/01	03/16/01	4,335,795 \$	
1B19050401	Group 1 - Elec Sys S/D for Standby	08/10/95	08/10/95	6,120 \$	
1B19050402	Group 2 - Elec Sys S/D (After Fuel Line from Re)	11/07/93	11/07/93	44,872 \$	
1B19050403	Group 3 - Elec Sys S/D (After Primary No Drain)	02/20/98	02/20/98	220,386 \$	
1B19050404	Group 4 - Elec Sys S/D (After Primary No Drain)	08/05/98	08/05/98	444,610 \$	
1B19050405	Group 5 - Elec Sys S/D (After Fuel Line from Re)	08/07/98	08/07/98	400,000 \$	
1B19050406	Group 6 - Elec Sys S/D (After Fuel Line from Re)	12/21/98	12/21/98	320,524 \$	
1B19050407	Group 7 - Elec Sys S/D (After PSF Drain)	08/16/00	08/16/00	215,735 \$	
1B19050408	Group 8 - Elec Sys S/D (After IDS No Drain)	02/28/00	02/28/00	76,811 \$	
1B19050409	Group 9 - Elec Sys S/D (IDM C-31 Ant. Complete)	02/28/00	02/28/00	315,477 \$	
1B19050410	Group 10 - Elec Sys Final Systems Shutdown	01/17/01	01/17/01	1,791,391 \$	
1B19050411	Group 11 - Elec Sys S/D (After PSF Drain)	05/23/98	05/23/98	440,865 \$	
1B19050412	Group 12 - Elec Sys S/D (After PSF Drain)	05/23/98	05/23/98	203,731 \$	
1B19050413	Group 13 - Elec Sys S/D (After PSF Drain)	05/23/98	05/23/98	203,731 \$	
1B19050414	Group 14 - Elec Sys S/D (After PSF Drain)	05/23/98	05/23/98	203,731 \$	
1B190505 IAC SYSTEM SHUTDOWN					
1B190505	IAC System Shutdown	01/21/94	01/21/94	47,056 \$	
1B19050501	Group 1 - IAC Sys Shutdown for Standby	01/21/94	01/21/94	47,056 \$	

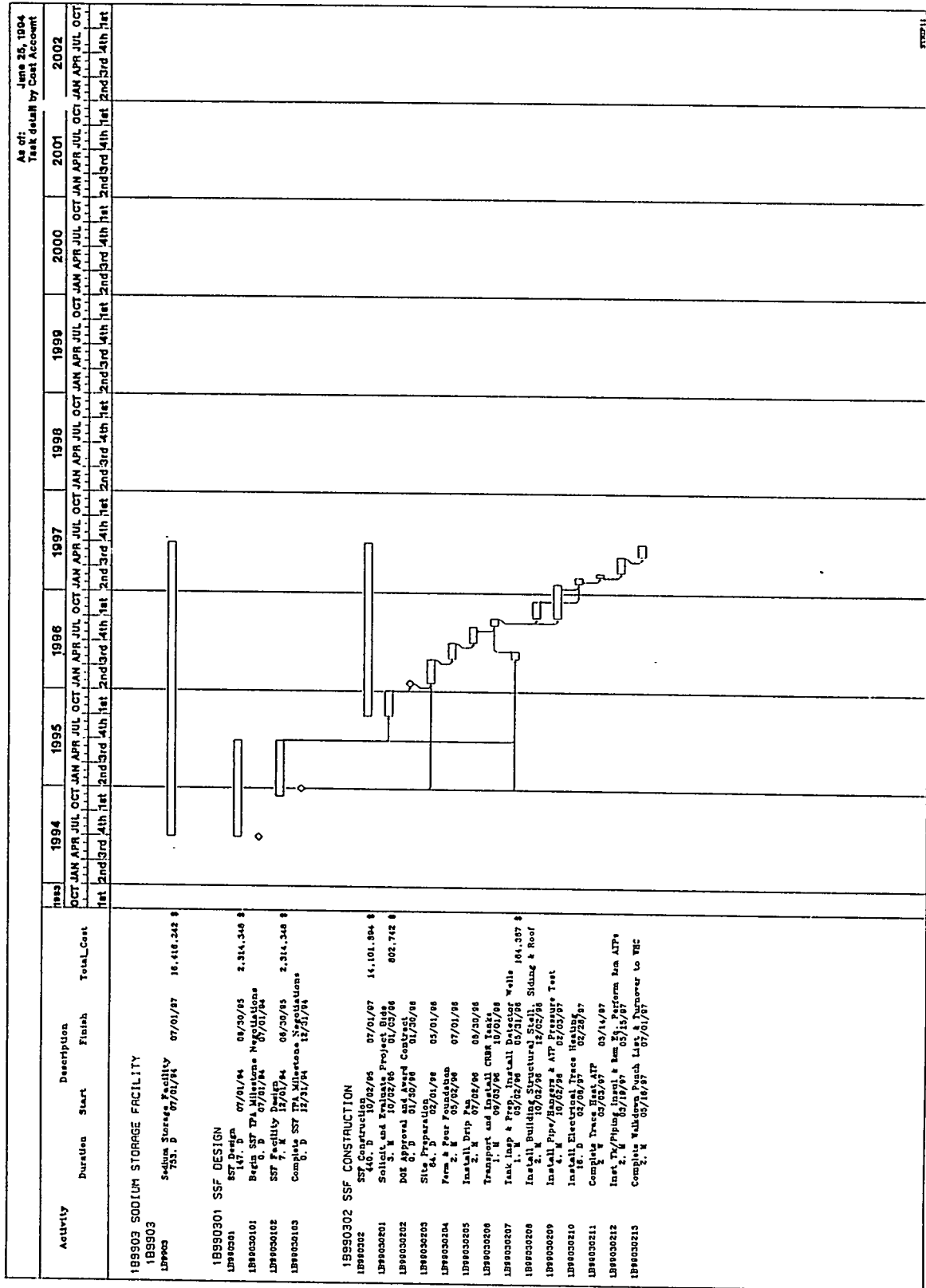
2.E. Program Performance Baseline Schedule

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2.E. Program Performance Baseline Schedule

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2.E. Program Performance Baseline Schedule



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2.E. Program Performance Baseline Schedule

As of: Aug 25, 1994 Task Detail by cost account										
Activity	Description	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002
186801004	PT1987 Reactor/Building Inspection 251 5 10/01/97									
186801006	PT1987 Compliance Assessment 251 5 10/01/97									
18680104 FY1998 308 BUILDING SURVEILLANCE										
18680104	PT1998 308 Building Surveillance 250 5 10/01/98									
186801041	PT1998 308 Periodic Surveillance 250 5 10/01/97									
186801044	PT1998 Reactor/Building Inspection 250 5 10/01/97									
186801046	PT1998 Compliance Assessment 250 5 10/01/97									

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2.E. Program Performance Baseline Schedule

As of: Aug 25, 1994 Task Detail by cost account										
Activity	Description	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002
1B6802 NEL 308 Bldg Operations										
1B6802										
1B680201	308 Building Operations 10/03 08/30/96 NET.190.87 \$									
1B680201 FY1995 308 BUILDING OPERATION										
1B68020101	308 Building Operations 10/03 08/30/96 913.787.03 \$									
1B68020102	308 Building Operations Maintenance 10/03 08/30/96 99.852.48 \$									
1B68020103	308 Building Operations Maintenance 10/03 08/30/96 81.350.21 \$									
1B68020104	308 Bldg Overlight & Sashable Activity 10/03 08/30/96 54.602.21 \$									
1B68020105	308 Bldg Vent Control 10/03 08/30/96 54.279.88 \$									
1B68020106	308 Bldg Pits System Maintenance 10/03 08/30/96 48.316.00 \$									
1B68020108	308 Bldg Clutter 10/03 08/30/96 4.278.32 \$									
1B680202 FY1996 308 BUILDING OPERATION										
1B68020201	308 Building Operations 10/03 08/30/96 300,805.08 \$									
1B68020202	308 Building Operations Maintenance 10/03 08/30/96 99,864.21 \$									
1B68020203	308 Building Operations Maintenance 10/03 08/30/96 72,103.28 \$									
1B68020204	308 Bldg Overlight & Sashable Activity 10/03 08/30/96 53,196.43 \$									
1B68020205	308 Bldg Vent Control 10/03 08/30/96 21,711.04 \$									
1B68020206	308 Bldg Pits System Maintenance 10/03 08/30/96 50,180.93 \$									
1B68020208	308 Bldg Clutter 10/03 08/30/96 21,154.12 \$									
1B680203 FY1997 308 BUILDING OPERATION										
1B68020301	308 Building Operations 10/03 08/30/96 153,182.78 \$									
1B68020302	308 Building Operations Maintenance 10/03 08/30/96 35,084.14 \$									

STEP 3

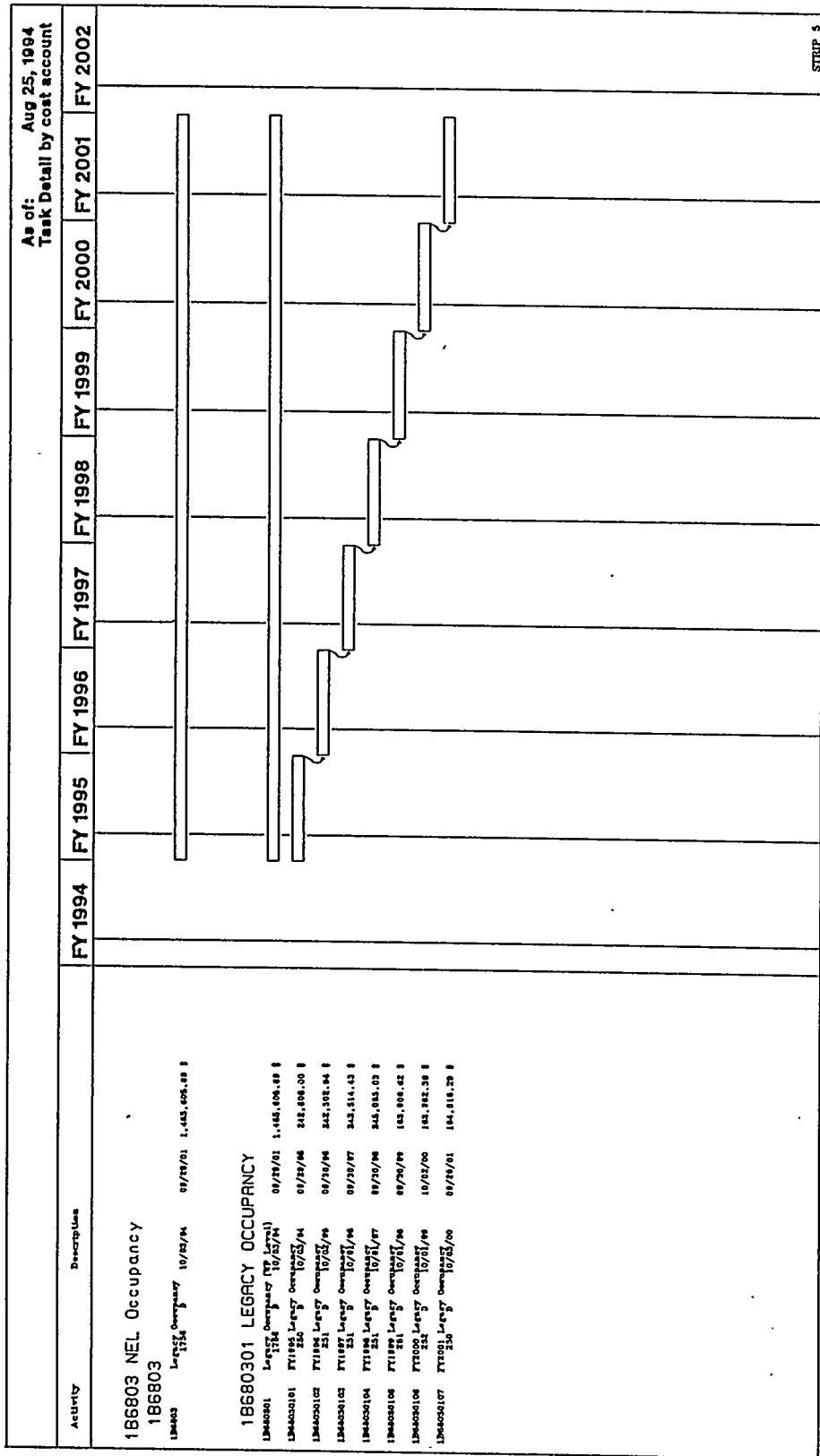
2.E. Program Performance Baseline Schedule

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2.E. Program Performance Baseline Schedule



2.E. Program Performance Baseline Schedule

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2.E. Program Performance Baseline Schedule

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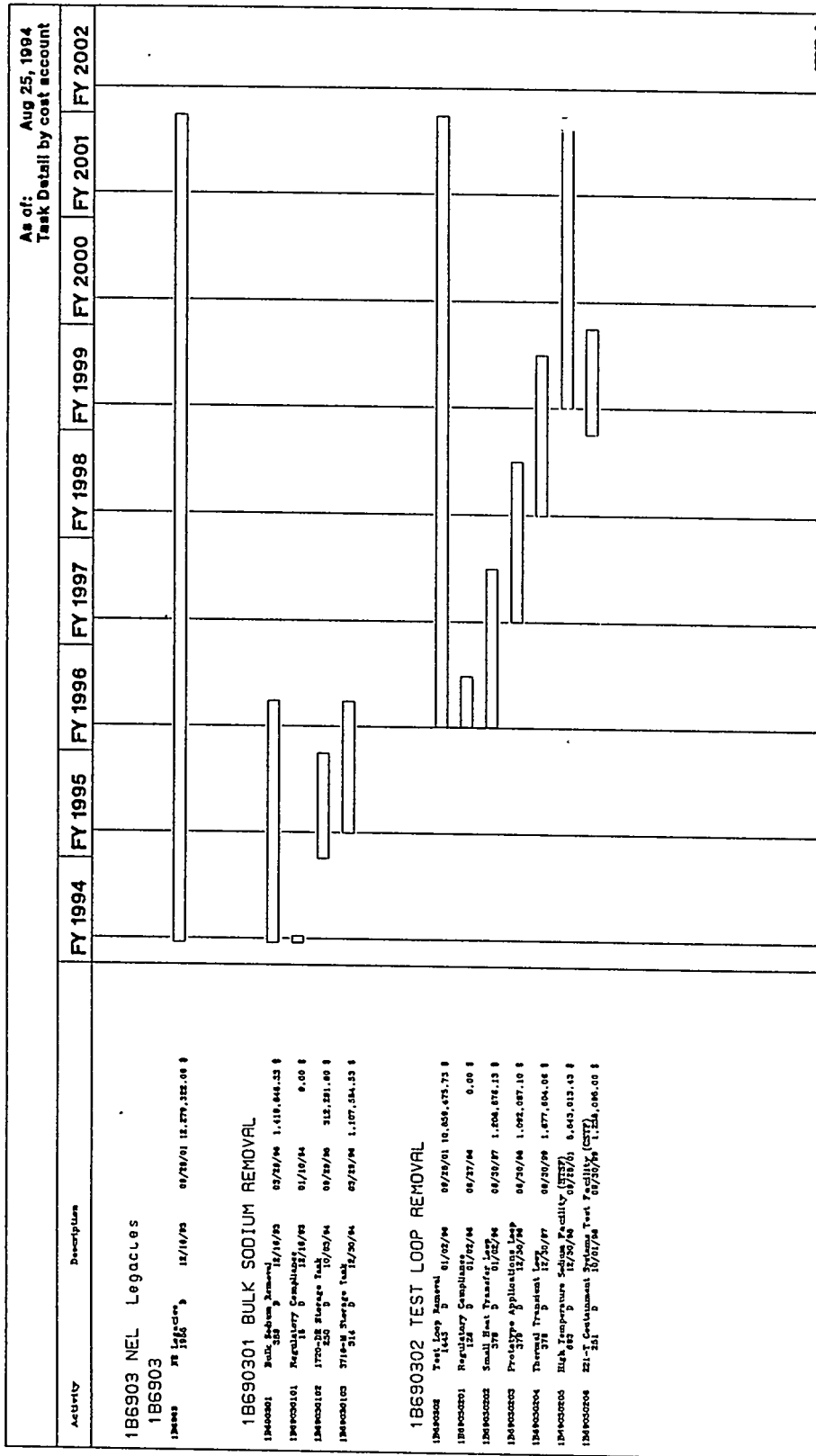
ADVANCED REACTORS TRANSITION

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2.E. Program Performance Baseline Schedule



ADVANCED REACTORS TRANSITION WBS 7.3

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2.F. Milestone List - for ADS 6640					
Milestone Type*	Control Number	RL WBS Number	ADS Number	Milestone Description	Milestone Completion Date
WHC	B17-95-101	7.3.1.1.7.01	6640	Update Resource Loaded Schedule	10/31/94
WHC	B17-95-102	7.3.1.1.7.01	6640	Complete negotiations and public review of TPA milestones	01/04/95
TPA-RL	B17-95-103	7.3.1.1.7.01	6640	Submit Sodium Storage Facility and Sodium Reaction Facility Notice of Intent	12/30/94
RL	B17-95-104	7.3.1.1.7.01	6640	Submit Notice of Construction for Sodium Storage Facility	02/01/95
RL	B17-95-105	7.3.1.1.7.01	6640	Submit FY 1997 ADS draft to RL	05/01/95
RL	B17-95-106	7.3.1.1.7.01	6640	Complete NEPA process (FONSI issued)	06/01/95
TPA-RL	B17-95-108	7.3.1.1.7.01	6640	Submit Sodium Storage Facility and Sodium Reaction Facility Part A Permit Application for the interim status construction and operation	05/31/95
RL	B17-95-109	7.3.1.1.7.01	6640	Submit FY 1996 MYPP draft to RL	08/31/95
WHC	B17-95-110	7.3.1.1.7.01	6640	Update FFTF Shutdown Program Plan	11/30/94
WHC	B17-95-111	7.3.1.1.7.01	6640	Update Hanford Site Sodium Management Plan	09/29/95
WHC	B17-96-101	7.3.1.1.7.01	6640	Update Resource Loaded Schedule	10/31/95
RL	B17-96-102	7.3.1.1.7.01	6640	Submit FY 1998 ADS draft to RL	04/30/96
RL	B17-96-103	7.3.1.1.7.01	6640	Submit FY 1997 MYPP draft to RL	08/30/96
WHC	B17-96-104	7.3.1.1.7.01	6640	Update FFTF Shutdown Program Plan	11/30/95
WHC	B17-96-105	7.3.1.1.7.01	6640	Update Hanford Site Sodium Management Plan	09/30/96
WHC	B17-97-101	7.3.1.1.7.01	6640	Update Resource Loaded Schedule	10/31/96
RL	B17-97-102	7.3.1.1.7.01	6640	Submit FY 1999 ADS draft to RL	04/30/97
RL	B17-97-103	7.3.1.1.7.01	6640	Submit FY 1998 MYPP draft to RL	09/01/97
WHC	B17-97-104	7.3.1.1.7.01	6640	Update FFTF Shutdown Program Plan	11/29/96

* TPA (in negotiation status), HQ, RL, and WHC milestones

ADVANCED REACTORS TRANSITION

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2.F. Milestone List - for ADS 6640

Milestone Type*	Control Number	RL WBS Number	ADS Number	Milestone Description	Milestone Completion Date
RL	B17-97-105	7.3.1.1.7.01	6640	Update Hanford Site Sodium Management Plan	09/30/97
WHC	B18-95-901	7.3.1.1.8.09	6640	Complete implementation of DOE Radiation Control Manual	03/31/95
RL	B18-95-902	7.3.1.1.8.09	6640	Submit 10 CFR 830.330 Training Rule Implementation Plan to RL for approval	05/01/95
RL	B18-95-201	7.3.1.1.8.12	6640	Complete Shutdown Work Phase 94-4	12/31/94
RL	B18-95-202	7.3.1.1.8.12	6640	Complete Shutdown Work Phase 95-1	03/31/95
RL	B18-95-203	7.3.1.1.8.12	6640	Complete Shutdown Work Phase 95-2	06/30/95
RL	B18-95-204	7.3.1.1.8.12	6640	Complete Shutdown Work Phase 95-3	09/30/95
RL	B18-96-201	7.3.1.1.8.12	6640	Complete Shutdown Work Phase 95-4	12/31/95
RL	B18-96-202	7.3.1.1.8.12	6640	Complete Shutdown Work Phase 96-1	03/31/96
RL	B18-96-203	7.3.1.1.8.12	6640	Complete Shutdown Work Phase 96-2	06/30/96
RL	B18-96-204	7.3.1.1.8.12	6640	Complete Shutdown Work Phase 96-3	09/30/96
RL	B18-97-201	7.3.1.1.8.12	6640	Complete Shutdown Work Phase 96-4	12/31/96
RL	B18-97-202	7.3.1.1.8.12	6640	Complete Shutdown Work Phase 97-1	03/31/97
RL	B18-97-203	7.3.1.1.8.12	6640	Complete Shutdown Work Phase 97-2	06/30/97
RL	B18-97-204	7.3.1.1.8.12	6640	Complete Shutdown Work Phase 97-3	09/30/97
RL	B19-95-201	7.3.1.1.9.02	6640	Develop S/RID	03/31/95
RL	B19-95-202	7.3.1.1.9.02	6640	Administrative assessment of S/RID	06/30/95
RL	B19-95-301	7.3.1.1.9.03	6640	Complete ISC design	10/17/94
RL	B19-95-302	7.3.1.1.9.03	6640	Place procurement contract for closed CCC	12/01/94
RL	B19-95-303	7.3.1.1.9.03	6640	Complete reactor vessel sector 2 in-core defueling, not including Center Island and in-vessel storage	01/06/95

* TPA (in negotiation status), HQ, RL, and WHC milestones

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2.F. Milestone List - for ADS 6640

Milestone Type*	Control Number	RL WBS Number	ADS Number	Milestone Description	Milestone Completion Date
RL	B19-95-304	7.3.1.1.9.03	6640	Complete reactor vessel sector 3 in-core defueling, not including Center Island and in-vessel storage	04/11/95
WHC	B19-95-305	7.3.1.1.9.03	6640	Complete Project F-027 IEM Cell Enhancement/Cask Loading Station Modifications (GPP/Defense Funded)	05/01/95
WHC	B19-95-306	7.3.1.1.9.03	6640	Receive first ISC	05/01/95
RL	B19-95-307	7.3.1.1.9.03	6640	Complete sector 2 and 3 Center Island defueling	05/10/95
RL	B12-94-114 Per ART-E94-051	7.3.1.1.9.03	6640	Complete PD-4 processing to pins ready to leave the IEM Cell	07/25/95
WHC	B19-95-309	7.3.1.1.9.03	6640	Submit amended T-3 Cask license to RL	09/01/95
TPA-HQ	B19-95-310	7.3.1.1.9.03	6640	Complete reactor vessel defueling	09/06/95
WHC	B19-95-311	7.3.1.1.9.03	6640	Complete first CCC/ISC testing	09/07/95
RL	B19-95-312	7.3.1.1.9.03	6640	Place procurement contract for remaining ISCs	09/15/95
RL	B19-95-313	7.3.1.1.9.03	6640	Complete processing of DNM ACN-1	09/30/95
RL	B19-96-301	7.3.1.1.9.03	6640	Complete PRC-2 (Readiness Assessment) for Phase 3 irradiated fuel washing and offload	10/18/95
HQ	B19-96-302	7.3.1.1.9.03	6640	Commence Phase 3, wash fuel and process to dry storage	10/25/95
RL	B19-96-303	7.3.1.1.9.03	6640	Wash and store FFTF irradiated fuel	12/31/95
RL	B19-96-304	7.3.1.1.9.03	6640	Wash and store FFTF irradiated fuel	03/31/96
RL	B19-96-305	7.3.1.1.9.03	6640	Wash and store FFTF irradiated fuel	06/30/96
RL	B19-96-306	7.3.1.1.9.03	6640	Wash and store FFTF irradiated fuel	09/30/96
WHC	B19-97-301	7.3.1.1.9.03	6640	Receive remaining ISCs	09/11/97

* TPA (in negotiation status), HQ, RL, and WHC milestones

ADVANCED REACTORS TRANSITION

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2.F. Milestone List - for ADS 6640					
Milestone Type*	Control Number	RL WBS Number	ADS Number	Milestone Description	Milestone Completion Date
RL	B19-97-302	7.3.1.1.9.03	6640	Wash and store FFTF irradiated fuel	12/31/96
RL	B19-97-303	7.3.1.1.9.03	6640	Wash and store FFTF irradiated fuel	03/31/97
RL	B19-97-304	7.3.1.1.9.03	6640	Wash and store FFTF irradiated fuel	06/30/97
RL	B19-97-305	7.3.1.1.9.03	6640	Wash and store FFTF irradiated fuel	09/30/97
RL	B19-95-401	7.3.1.1.9.04	6640	Complete SSF CDR and issue to RL for approval	11/15/94
RL	B19-95-402	7.3.1.1.9.04	6640	Complete reconnection of containment sodium drain line (M94) in accordance with the ASME Traveler	03/31/95
WHC	B19-95-403	7.3.1.1.9.04	6640	Determine feasibility of reactor vessel inlet plenum draining	08/01/95
RL	B19-96-401	7.3.1.1.9.04	6640	Install reactor vessel immersion heaters	10/02/95
RL	B19-97-401	7.3.1.1.9.04	6640	Complete PRC-3 (Readiness Assessment) for sodium drain to SSF	03/31/97
RL	B19-97-402	7.3.1.1.9.04	6640	Commence sodium drain to SSF	04/07/97
RL	B19-95-501	7.3.1.1.9.05	6640	Complete shutdown of Group 1 systems	08/10/95
RL	B19-96-501	7.3.1.1.9.05	6640	Complete shutdown of Group 2 systems	11/03/95
RL	B13-94-613 Per ART-E94-064	7.3.1.1.8.10	6640	Complete CG&A of Solid Waste Transfer Pit	04/01/95

* TPA (in negotiation status), HQ, RL, and WHC milestones

ADVANCED REACTORS TRANSITION WBS 7.3

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2.F. Milestone List – for ADS 6640						
Milestone Type*	Control Number	RL WBS Number	ADS Number	Milestone Description	Milestone Completion Date	
OUTYEAR MILESTONES						
TPA-RL	B17-98-101	7.3.1.1.7.01	6640	Submit sodium disposition evaluation report	06/30/98	
TPA-RL	B17-98-102	7.3.1.1.7.01	6640	Submit FFTF End Point Criteria document	12/31/98	
TPA-RL	B17-01-101	7.3.1.1.7.01	6640	Submit FFTF Surveillance and Maintenance Plan	06/30/01	
TPA-RL	B17-02-102	7.3.1.1.7.01	6640	Complete FFTF transition and initiate the Surveillance and Maintenance phase	12/31/01	
TPA-RL	B19-98-401	7.3.1.1.9.04	6640	Complete Reactor and Heat Transport System sodium drain	04/22/98	
TPA-RL	B19-98-402	7.3.1.1.9.04	6640	Complete Sodium Storage Facility startup	07/31/98	
TPA-RL	B19-99-301	7.3.1.1.9.03	6640	Complete transfer of irradiated fuel to dry cask storage	10/22/98	
TPA-RL	B19-99-302	7.3.1.1.9.03	6640	Complete transfer of unirradiated fuel to the Plutonium Finishing Plant	10/22/98	
TPA-RL	B19-99-303	7.3.1.1.9.03	6640	Complete transfer of special fuel to the Idaho National Engineering Laboratory for consolidated fuel	10/22/98	
TPA-RL	B19-99-401	7.3.1.1.9.04	6640	Complete Interim Decay Storage and Fuel Storage Facility sodium drain	12/14/98	
TPA-RL	B19-00-401	7.3.1.1.9.04	6640	Complete FFTF sodium drain	03/14/00	
TPA-RL	B19-01-501	7.3.1.1.9.05	6640	Complete auxiliary systems deactivation	03/16/01	
TPA-RL	B17-TBD-101	7.3.1.1.7.01	6640	Submit Sodium Storage Facility and Sodium Reaction Facility closure plan or request for procedural closure as defined in Section 6.3.3 of the Tri-Party Agreement	TBD	

* TPA (in negotiation status), HQ, RL, and WHC milestones

ADVANCED REACTORS TRANSITION

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WBS 7.3

WHC-SD-FF-SSP-052

2.F. Milestone List - for ADS 6641

Milestone Type*	Control Number	RL WBS Number	ADS Number	Milestone Description	Milestone Completion Date
WHC	B68-96-201	7.3.1.3.8.02	6641	Complete shutdown transition of the 308 Building	07/31/96
RL	B69-95-101	7.3.1.3.9.01	6641	Complete NRF TRIGA TM irradiated fuel shipping and storage casks	08/31/95
RL	B69-96-101	7.3.1.3.9.01	6641	Complete Removal of TRIGA TM fuel from the 308 Building	01/31/96
WHC	B69-96-301	7.3.1.3.9.03	6641	Offload vessel 1720-DR sodium	04/01/96
WHC	B69-96-302	7.3.1.3.9.03	6641	Offload vessel 3718-M sodium	09/30/96
RL	B69-98-301	7.3.1.3.9.03	6641	Turnover 308 Building to an alternate sponsor or EM-40 for D&D	09/30/98

* TPA (in negotiation status), HQ, RL, and WHC milestones

2.F. Milestone List - for ADS 6642

Milestone Type*	Control Number	RL WBS Number	ADS Number	Milestone Description	Milestone Completion Date
RL	B99-95-101	7.3.1.2.9.01	6642	Complete ISA design	02/13/95
WHC	B99-95-102	7.3.1.2.9.01	6642	Complete ISA construction	06/27/95
RL	B99-97-201	7.3.1.2.9.02	6642	Complete PFP design to store unirradiated FFTF fuel	04/02/97
TPA-RL	B99-96-301	7.3.1.2.9.03	6642	Complete Sodium Storage Facility definitive design	11/30/95
RL	B99-96-302	7.3.1.2.9.03	6642	Complete installation of sodium transfer line from FFTF to SSF	09/30/96
RL	B99-97-301	7.3.1.2.9.03	6642	Complete installation of sodium drain line to FSF	12/01/96
TPA-RL	B99-97-302	7.3.1.2.9.03	6642	Complete Sodium Storage Facility construction	01/30/97
RL	B99-98-201	7.3.1.2.9.02	6642	Complete PFP modifications to store unirradiated FFTF fuel	04/03/98

* TPA (in negotiation status), HQ, RL, and WHC milestones

ADVANCED REACTORS

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WBS 7.3

Westinghouse Hanford Company MILESTONE DESCRIPTION SHEET			
Title: Update Resource Loaded Schedule			Date: August 23, 1994
Assigned To: R. K. Hulvey <i>RKH</i>			CIN:
Program WBS Designator: 7.3.1.1.7.01			Due Date: October 31, 1994
Control Number: B17-95-101			Rev: 0
MILESTONE TYPE: ☐ DOE-HQ ☐ DOE-RL ☒ CONTRACTOR	DIVISION: ☐ State ☐ Federal ☒ DOE ☐ RCRA ☐ TPA Number _____	DELIVERABLE: ☒ Report ☐ Letter ☐ Drawings ☐ Other (specify)	ADDRESS TO: ☐ DOE-HQ ☒ DOE-RL ☐ Other (specify)
Milestone Description: Revise and update the Resource Loaded Schedule (RLS) reflecting progress and guidance for Advanced Reactors.			
Description of what constitutes completion of this milestone: Submit updated RLS for Advanced Reactors to RL.			
Cost Account Manager <i>S. Guttenberg</i> S. Guttenberg		Program/Project Manager <i>E. F. Loika</i> E. F. Loika	
Program Element Manager <i>E. F. Loika</i> E. F. Loika		Date <i>8/24/94</i> 8/24/94	

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WBS 7.3

Westinghouse Hanford Company MILESTONE DESCRIPTION SHEET

Title: Complete negotiations and public review of TPA milestones		Date: August 23, 1994	
Assigned To: S. Guttenberg		CIN:	
Program WBS Designator: 7.3.1.1.7.01		Due Date: January 4, 1995	
Control Number: B17-95-102		Rev: 0	
MILESTONE TYPE: ☐ DOE-HQ ☐ DOE-RL ☒ CONTRACTOR	DIVISION: ☒ State ☐ Federal ☒ DOE ☐ RCRA ☐ TPA Number _____	DELIVERABLE: ☐ Report ☐ Letter ☐ Drawings ☒ Other (specify) Draft change package	ADDRESS TO: ☐ DOE-HQ ☒ DOE-RL ☐ Other (specify)
Milestone Description: Support negotiated agreement by the Department of Energy (DOE), Environmental Protection Agency (EPA) and Ecology on FFTF transition activities documented in the Tri-Party Agreement (TPA) change package including public review and comment.			
Description of what constitutes completion of this milestone: Completion of 60-day public comment period on the tentative agreement and draft change package.			
Cost Account Manager <i>S. Guttenberg</i> S. Guttenberg		Date 8/24/94	
Program/Project Manager E. F. Loika		Date 8/26/94	
Program Element Manager E. F. Loika		Date 8/26/94	

ADVANCED REACTORS TRANSITION

WBS 7.3

FY 1995 MYPP

Westinghouse Hanford Company MILESTONE DESCRIPTION SHEET			
Title: Submit Sodium Storage Facility and Sodium Reaction Facility Notice of Intent			Date: September 12, 1994
Assigned To: S. Guttenberg			CIN:
Program WBS Designator: 7.3.1.1.7.01			Due Date: December 30, 1994
Control Number: B17-95-103			Rev: 0
MILESTONE TYPE:	DIVISION:	DELIVERABLE:	ADDRESS TO:
☐ DOE-HQ ☒ DOE-RL ☐ CONTRACTOR	☒ State ☐ Federal ☒ DOE ☐ RCRA ☐ TPA Number _____	☐ Report ☐ Letter ☐ Drawings ☒ Other (specify) Written Notice of Intent	☐ DOE-HQ ☒ DOE-RL ☐ Other (specify)
Milestone Description: A formal Notice of Intent (NOI) is required prior to construction of the Sodium Storage Facility (SSF) and the Sodium Reaction Facility (SRF).			
Description of what constitutes completion of this milestone: The formal NOI will be submitted to RL for transmittal to the Washington State Department of Ecology. A State Environmental Policy Act (SEPA) checklist will be transmitted concurrently with the NOI.			
Cost Account Manager		Program/Project Manager	
S. Guttenberg <i>SAG</i> 9/12/94		E. F. Loika <i>EFL</i> 9/13/94	
Program Element Manager			
E. F. Loika <i>EFL</i> 9/13/94			

ADVANCED REACTORS

FY 1995 MYPP

WBS 7.3

Westinghouse Hanford Company MILESTONE DESCRIPTION SHEET

Title: Submit Notice of Construction for Sodium Storage Facility		Date: August 23, 1994	
Assigned To: P. C. Miller <i>per</i>		CIN:	
Program WBS Designator: 7.3.1.1.7.01		Due Date: February 1, 1995	
Control Number: B17-95-104		Rev: 0	
MILESTONE TYPE: ☐ DOE-HQ ☒ DOE-RL ☐ CONTRACTOR	DIVISION: ☒ State ☐ Federal ☒ DOE ☐ RCRA ☐ TPA Number _____	DELIVERABLE: ☐ Report ☐ Letter ☐ Drawings ☒ Other (specify) Written Notice of Construction	ADDRESS TO: ☐ DOE-HQ ☒ DOE-RL ☐ Other (specify)
Milestone Description: Prepare Notice of Construction (NOC) for the Sodium Storage Facility for RL transmittal to the Washington State Department of Health to comply with the Clean Air Act.			
Description of what constitutes completion of this milestone: Submit NOC to RL for subsequent transmittal to Washington State Department of Health.			
Cost Account Manager <i>S. Guttenberg</i> <i>per</i>		Program/Project Manager <i>E. F. Loika</i> <i>Σ 7</i> <i>Loika</i>	
Date <i>8/26/94</i>		Date <i>8/26/94</i>	
Program Element Manager <i>E. F. Loika</i> <i>Σ 7</i> <i>Loika</i>			
Date <i>8/26/94</i>			

ADVANCED REACTORS

FY 1995 MYPP

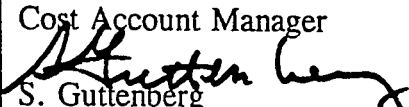
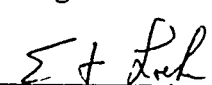
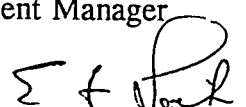
WBS 7.3

Westinghouse Hanford Company MILESTONE DESCRIPTION SHEET			
Title: Submit FY 1997 ADS draft to RL			Date: August 23, 1994
Assigned To: S. Guttenberg			CIN:
Program WBS Designator: 7.3.1.1.7.01			Due Date: May 1, 1995
Control Number: B17-95-105			Rev: 0
MILESTONE TYPE: ☐ DOE-HQ ☒ DOE-RL ☐ CONTRACTOR	DIVISION: ☐ State ☐ Federal ☒ DOE ☐ RCRA ☐ TPA Number _____	DELIVERABLE: ☒ Report ☐ Letter ☐ Drawings ☐ Other (specify)	ADDRESS TO: ☐ DOE-HQ ☒ DOE-RL ☐ Other (specify)
Milestone Description: Drafts of all FY 1997 Activity Data Sheets (ADS) for Advanced Reactors submitted to RL.			
Description of what constitutes completion of this milestone: Submit drafts of all FY 1997 ADSs for Advanced Reactors to RL.			
Cost Account Manager <i>S. Guttenberg</i> S. Guttenberg		Date 8/24/94	
Program/Project Manager E. F. Loika		Date 8/26/94	
Program Element Manager E. F. Loika		Date 8/26/94	

ADVANCED REACTORS

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Westinghouse Hanford Company MILESTONE DESCRIPTION SHEET			
Title: Complete NEPA process (FONSI issued)		Date: August 23, 1994	
Assigned To: S. Guttenberg		CIN:	
Program WBS Designator: 7.3.1.1.7.01		Due Date: June 1, 1995	
Control Number: B17-95-106		Rev: 0	
MILESTONE TYPE: ☐ DOE-HQ ☒ DOE-RL ☐ CONTRACTOR	DIVISION: ☐ State ☐ Federal ☒ DOE ☐ RCRA ☐ TPA Number _____	DELIVERABLE: ☐ Report ☐ Letter ☐ Drawings ☒ Other (specify) Environmental Assessment	ADDRESS TO: ☐ DOE-HQ ☒ DOE-RL ☐ Other (specify)
Milestone Description: Expedite RL approval of the FFTF Shutdown Environmental Assessment by early resolution of comments. The National Environmental Protection Agency (NEPA) process is a critical path shutdown activity.			
Description of what constitutes completion of this milestone: Finding of No Significant Impact (FONSI) issued by DOE.			
Cost Account Manager  S. Guttenberg		Program/Project Manager  E. F. Loika	
Program Element Manager  E. F. Loika		Date 8-24-94	
Date 8/26/94		Date 8/26/94	

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FY 1995 MYPP

Westinghouse Hanford Company MILESTONE DESCRIPTION SHEET

Title: Milestone withdrawn. This form/page has been intentionally left blank.			Date: August 23, 1994
Assigned To:			CIN:
Program WBS Designator:			Due Date:
Control Number:			Rev:
MILESTONE TYPE: ☐ DOE-HQ ☐ DOE-RL ☐ CONTRACTOR	DIVISION: ☐ State ☐ Federal ☐ DOE ☐ RCRA ☐ TPA Number	DELIVERABLE: ☐ Report ☐ Letter ☐ Drawings ☐ Other (specify)	ADDRESS TO: ☐ DOE-HQ ☐ DOE-RL ☐ Other (specify)
Milestone Description:			
Description of what constitutes completion of this milestone:			
Cost Account Manager		Program/Project Manager	
Date		Date	
Program Element Manager		Date	

ADVANCED REACTORS TRANSITION

FY 1995 MYPP

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Westinghouse Hanford Company MILESTONE DESCRIPTION SHEET			
Title: Submit SSF and SRF Part A Permit Application for the interim status construction and operation			Date: September 12, 1994
Assigned To: S. Guttenberg			CIN:
Program WBS Designator: 7.3.1.1.7.01			Due Date: May 31, 1995
Control Number: B17-95-108			Rev: 0
MILESTONE TYPE:	DIVISION:	DELIVERABLE:	ADDRESS TO:
☐ DOE-HQ ☒ DOE-RL ☐ CONTRACTOR	☒ State ☐ Federal ☒ DOE ☐ RCRA ☐ TPA Number _____	☐ Report ☐ Letter ☐ Drawings ☒ Other (specify) Part A Permit Application	☐ DOE-HQ ☒ DOE-RL ☐ Other (specify)
Milestone Description: Prepare a Resource Conservation and Recovery Act (RCRA) Part A Permit Application for construction and operation of an interim status expansion unit [the Sodium Storage Facility (SSF)] for storage of the FFTF bulk sodium and the Sodium Reaction Facility (SRF) which will process the sodium. The application will be submitted to RL for subsequent transmittal to the Washington State Department of Ecology.			
Description of what constitutes completion of this milestone: Submit Part A Permit Application for SSF and SRF to RL.			
Cost Account Manager <i>S. Guttenberg</i> <i>SA Crow</i>		Program/Project Manager <i>E. F. Loika</i> <i>E F Loika</i>	
Date <i>9/12/94</i>		Date <i>9/13/94</i>	
Program Element Manager <i>E. F. Loika</i> <i>E F Loika</i>			
Date <i>9/13/94</i>			

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Westinghouse Hanford Company MILESTONE DESCRIPTION SHEET				
Title: Submit FY 1996 MYPP draft to RL			Date: August 23, 1994	
Assigned To: S. Guttenberg			CIN:	
Program WBS Designator: 7.3.1.1.7.01			Due Date: August 31, 1995	
Control Number: B17-95-109			Rev: 0	
MILESTONE TYPE: ☐ DOE-HQ ☒ DOE-RL ☐ CONTRACTOR	DIVISION: ☐ State ☐ Federal ☒ DOE ☐ RCRA ☐ TPA Number _____	DELIVERABLE: ☒ Report ☐ Letter ☐ Drawings ☐ Other (specify)	ADDRESS TO: ☐ DOE-HQ ☒ DOE-RL ☐ Other (specify)	
Milestone Description: Draft of Fiscal Year (FY) 1996 Multi-Year Program Plan (MYPP) for Advanced Reactors submitted to RL.				
Description of what constitutes completion of this milestone: Submit draft FY 1996 MYPP for Advanced Reactors to RL.				
Cost Account Manager <i>S. Guttenberg</i> S. Guttenberg		Date 8/24/94	Program/Project Manager E. F. Loika <i>E. F. Loika</i>	Date 8/26/94
Program Element Manager E. F. Loika <i>E. F. Loika</i>		Date 8/26/94		

ADVANCED REACTORS

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FY 1995 MYPP

Westinghouse Hanford Company MILESTONE DESCRIPTION SHEET			
Title: Update FFTF Shutdown Program Plan			Date: August 23, 1994
Assigned To: S. Guttenberg			CIN:
Program WBS Designator: 7.3.1.1.7.01			Due Date: November 30, 1994
Control Number: B17-95-110			Rev: 0
MILESTONE TYPE:	DIVISION:	DELIVERABLE:	ADDRESS TO:
☐ DOE-HQ ☐ DOE-RL ☒ CONTRACTOR	☐ State ☐ Federal ☒ DOE ☐ RCRA ☐ TPA Number _____	☒ Report ☐ Letter ☐ Drawings ☐ Other (specify)	☐ DOE-HQ ☒ DOE-RL ☐ Other (specify)
Milestone Description: Revise and update the FFTF Shutdown Program Plan reflecting resolution of technical issues, Tri-Party Agreements milestones objectives and Advanced Reactors program funding guidance.			
Description of what constitutes completion of this milestone: Submit updated FFTF Shutdown Program Plan to RL.			
Cost Account Manager <i>S. Guttenberg</i> S. Guttenberg		Date 8/24/94	
Program/Project Manager E. F. Loika		Date 8/26/94	
Program Element Manager E. F. Loika		Date 8/26/94	

ADVANCED REACTORS

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Westinghouse Hanford Company MILESTONE DESCRIPTION SHEET			
Title: Update Hanford Site Sodium Management Plan			Date: August 23, 1994
Assigned To: S. Guttenberg			CIN:
Program WBS Designator: 7.3.1.1.7.01			Due Date: September 29, 1995
Control Number: B17-95-111			Rev: 0
MILESTONE TYPE:	DIVISION:	DELIVERABLE:	ADDRESS TO:
☐ DOE-HQ ☐ DOE-RL ☒ CONTRACTOR	☐ State ☐ Federal ☒ DOE ☐ RCRA ☐ TPA Number _____	☒ Report ☐ Letter ☐ Drawings ☐ Other (specify)	☐ DOE-HQ ☒ DOE-RL ☐ Other (specify)
Milestone Description: Revise the Sodium Management Plan reflecting input from engineering studies, regulatory compliance, sodium and test loop disposition, and Advanced Reactors funding guidance.			
Description of what constitutes completion of this milestone: Submit updated Sodium Management Plan to RL.			
Cost Account Manager <i>S. Guttenberg</i> S. Guttenberg		Date 8/24/94	
Program/Project Manager E. F. Loika		Date 8/26/94	
Program Element Manager E. F. Loika		Date 8/26/94	

ADVANCED REACTORS

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FY 1995 MYPP

Westinghouse Hanford Company

MILESTONE DESCRIPTION SHEET

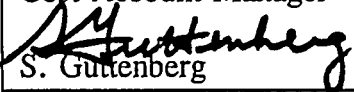
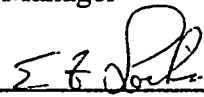
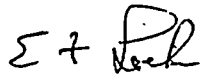
Title: Update Resource Loaded Schedule			Date: August 23, 1994
Assigned To: R. K. Hulvey <i>RKH</i>			CIN:
Program WBS Designator: 7.3.1.1.7.01			Due Date: October 31, 1995
Control Number: B17-96-101			Rev: 0
MILESTONE TYPE:	DIVISION:	DELIVERABLE:	ADDRESS TO:
☐ DOE-HQ ☐ DOE-RL ☒ CONTRACTOR	☐ State ☐ Federal ☒ DOE ☐ RCRA ☐ TPA Number _____	☒ Report ☐ Letter ☐ Drawings ☐ Other (specify)	☐ DOE-HQ ☒ DOE-RL ☐ Other (specify)
Milestone Description: Revise and update the Resource Loaded Schedule (RLS) reflecting progress and guidance for Advanced Reactors.			
Description of what constitutes completion of this milestone: Submit updated RLS for Advanced Reactors to RL.			
Cost Account Manager <i>S. Guttenberg</i> S. Guttenberg		Date 8/24/94	
Program/Project Manager E. F. Loika		Date 8/26/94	
Program Element Manager E. F. Loika		Date 8/26/94	

ADVANCED REACTORS

FY 1995 MYPP

WBS 7.3

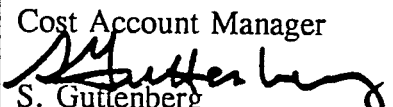
Westinghouse Hanford Company MILESTONE DESCRIPTION SHEET

Title: Submit FY 1998 ADS draft to RL			Date: August 23, 1994
Assigned To: S. Guttenberg			CIN:
Program WBS Designator: 7.3.1.1.7.01			Due Date: April 30, 1996
Control Number: B17-96-102			Rev: 0
MILESTONE TYPE: ☐ DOE-HQ ☒ DOE-RL ☐ CONTRACTOR	DIVISION: ☐ State ☐ Federal ☒ DOE ☐ RCRA ☐ TPA Number _____	DELIVERABLE: ☒ Report ☐ Letter ☐ Drawings ☐ Other (specify)	ADDRESS TO: ☐ DOE-HQ ☒ DOE-RL ☐ Other (specify)
Milestone Description: Drafts of all FY 1998 Activity Data Sheets (ADS) for Advanced Reactors submitted to RL.			
Description of what constitutes completion of this milestone: Submit drafts of all FY 1998 ADSs for Advanced Reactors to RL.			
Cost Account Manager  S. Guttenberg		Date 8/24/94	
Program/Project Manager E. F. Loika 		Date 8/22/94	
Program Element Manager E. F. Loika 		Date 8/22/94	

ADVANCED REACTORS

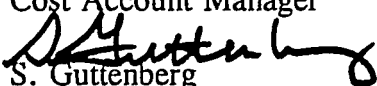
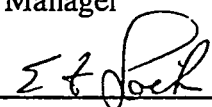
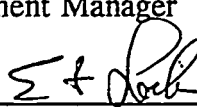
WBS 7.3

FY 1995 MYPP

Westinghouse Hanford Company MILESTONE DESCRIPTION SHEET			
Title: Submit FY 1997 MYPP draft to RL		Date: August 23, 1994	
Assigned To: S. Guttenberg		CIN:	
Program WBS Designator: 7.3.1.1.7.01		Due Date: August 30, 1996	
Control Number: B17-96-103		Rev: 0	
MILESTONE TYPE:	DIVISION:	DELIVERABLE:	ADDRESS TO:
☐ DOE-HQ ☒ DOE-RL ☐ CONTRACTOR	☐ State ☐ Federal ☒ DOE ☐ RCRA ☐ TPA Number _____	☒ Report ☐ Letter ☐ Drawings ☐ Other (specify)	☐ DOE-HQ ☒ DOE-RL ☐ Other (specify)
Milestone Description: Draft of Fiscal Year (FY) 1997 Multi-Year Program Plan (MYPP) for Advanced Reactors submitted to RL.			
Description of what constitutes completion of this milestone: Submit draft FY 1997 MYPP for Advanced Reactors to RL.			
Cost Account Manager  S. Guttenberg		Date 8/24/94	
Program/Project Manager E. F. Loika		Date 8/24/94	
Program Element Manager E. F. Loika		Date 8/24/94	

ADVANCED REACTORS **WBS 7.3**

FY 1995 MYPP

Westinghouse Hanford Company MILESTONE DESCRIPTION SHEET			
Title: Update FFTF Shutdown Program Plan			Date: August 23, 1994
Assigned To: S. Guttenberg			CIN:
Program WBS Designator: 7.3.1.1.7.01			Due Date: November 30, 1995
Control Number: B17-96-104			Rev: 0
MILESTONE TYPE:	DIVISION:	DELIVERABLE:	ADDRESS TO:
☐ DOE-HQ ☐ DOE-RL ☒ CONTRACTOR	☐ State ☐ Federal ☒ DOE ☐ RCRA ☐ TPA Number _____	☒ Report ☐ Letter ☐ Drawings ☐ Other (specify)	☐ DOE-HQ ☒ DOE-RL ☐ Other (specify)
Milestone Description: Revise and update the FFTF Shutdown Program Plan reflecting resolution of technical issues, Tri-Party Agreements milestones objectives and Advanced Reactors program funding guidance.			
Description of what constitutes completion of this milestone: Submit updated FFTF Shutdown Program Plan to RL.			
Cost Account Manager  S. Guttenberg		Date 8/24/94	
Program/Project Manager E. F. Loika		Date  8/26/94	
Program Element Manager E. F. Loika		Date  8/26/94	

ADVANCED REACTORS
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Westinghouse Hanford Company MILESTONE DESCRIPTION SHEET			
Title: Update Hanford Site Sodium Management Plan		Date: August 23, 1994	
Assigned To: S. Guttenberg		CIN:	
Program WBS Designator: 7.3.1.1.7.01		Due Date: September 30, 1996	
Control Number: B17-96-105		Rev: 0	
MILESTONE TYPE: ☐ DOE-HQ ☐ DOE-RL ☒ CONTRACTOR	DIVISION: ☐ State ☐ Federal ☒ DOE ☐ RCRA ☐ TPA Number _____	DELIVERABLE: ☒ Report ☐ Letter ☐ Drawings ☐ Other (specify)	ADDRESS TO: ☐ DOE-HQ ☒ DOE-RL ☐ Other (specify)
Milestone Description: Revise the Sodium Management Plan reflecting input from engineering studies, regulatory compliance, sodium and test loop disposition, and Advanced Reactors funding guidance.			
Description of what constitutes completion of this milestone: Submit updated Sodium Management Plan to RL.			
Cost Account Manager <i>S. Guttenberg</i> <i>8/24/94</i> S. Guttenberg		Program/Project Manager E. F. Loika <i>E. F. Loika 8/26/94</i> E. F. Loika	
Program Element Manager E. F. Loika <i>E. F. Loika 8/26/94</i> E. F. Loika			

ADVANCED REACTORS

WBS 7.3

FY 1995 MYPP

Westinghouse Hanford Company MILESTONE DESCRIPTION SHEET

Title: Update Resource Loaded Schedule		Date: August 23, 1994	
Assigned To: R. K. Hulvey <i>RKH</i>		CIN:	
Program WBS Designator: 7.3.1.1.7.01		Due Date: October 31, 1996	
Control Number: B17-97-101		Rev: 0	
MILESTONE TYPE: ☐ DOE-HQ ☐ DOE-RL ☒ CONTRACTOR	DIVISION: ☐ State ☐ Federal ☒ DOE ☐ RCRA ☐ TPA Number _____	DELIVERABLE: ☒ Report ☐ Letter ☐ Drawings ☐ Other (specify)	ADDRESS TO: ☐ DOE-HQ ☒ DOE-RL ☐ Other (specify)
Milestone Description: Revise and update the Resource Loaded Schedule (RLS) reflecting progress and guidance for Advanced Reactors.			
Description of what constitutes completion of this milestone: Submit updated RLS for the Advanced Reactors to RL.			
Cost Account Manager <i>S. Guttenberg</i> <i>8/24/94</i>		Program/Project Manager E. F. Loika <i>E F Loika</i> <i>8/26/94</i>	
Program Element Manager E. F. Loika <i>E F Loika</i> <i>8/26/94</i>			

ADVANCED REACTORS **WBS 7.3**

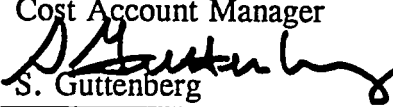
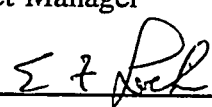
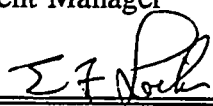
FY 1995 MYPP

Westinghouse Hanford Company MILESTONE DESCRIPTION SHEET			
Title: Submit FY 1999 ADS draft to RL		Date: August 23, 1994	
Assigned To: S. Guttenberg		CIN:	
Program WBS Designator: 7.3.1.1.7.01		Due Date: April 30, 1997	
Control Number: B17-97-102		Rev: 0	
MILESTONE TYPE:	DIVISION:	DELIVERABLE:	ADDRESS TO:
☐ DOE-HQ ☒ DOE-RL ☐ CONTRACTOR	☐ State ☐ Federal ☒ DOE ☐ RCRA ☐ TPA Number _____	☒ Report ☐ Letter ☐ Drawings ☐ Other (specify)	☐ DOE-HQ ☒ DOE-RL ☐ Other (specify)
Milestone Description: Drafts of all FY 1999 Activity Data Sheets (ADS) for Advanced Reactors submitted to RL.			
Description of what constitutes completion of this milestone: Submit draft of all FY 1999 ADSs for Advanced Reactors to RL.			
Cost Account Manager <i>S. Guttenberg</i> S. Guttenberg		Date 8/24/94	
Program/Project Manager E. F. Loika		Date 8/26/94	
Program Element Manager E. F. Loika		Date 8/26/94	

ADVANCED REACTORS

WBS 7.3

FY 1995 MYPP

Westinghouse Hanford Company MILESTONE DESCRIPTION SHEET			
Title: Submit FY 1998 MYPP draft to RL			Date: August 23, 1994
Assigned To: S. Guttenberg			CIN:
Program WBS Designator: 7.3.1.1.7.01			Due Date: September 1, 1997
Control Number: B17-97-103			Rev: 0
MILESTONE TYPE: ☐ DOE-HQ ☒ DOE-RL ☐ CONTRACTOR	DIVISION: ☐ State ☐ Federal ☒ DOE ☐ RCRA ☐ TPA Number _____	DELIVERABLE: ☒ Report ☐ Letter ☐ Drawings ☐ Other (specify)	ADDRESS TO: ☐ DOE-HQ ☒ DOE-RL ☐ Other (specify)
Milestone Description: Draft of Fiscal Year (FY) 1998 Multi-Year Program Plan (MYPP) for Advanced Reactors submitted to RL.			
Description of what constitutes completion of this milestone: Submit draft FY 1998 MYPP for Advanced Reactors to RL.			
Cost Account Manager  S. Guttenberg		Date 8/24/94	
Program/Project Manager E. F. Loika 		Date 8/26/94	
Program Element Manager E. F. Loika 		Date 8/26/94	

ADVANCED REACTORS
WBS 7.3

FY 1995 MYPP

Westinghouse Hanford Company
MILESTONE DESCRIPTION SHEET

Title: Update FFTF Shutdown Program Plan		Date: August 23, 1994	
Assigned To: S. Guttenberg		CIN:	
Program WBS Designator: 7.3.1.1.7.01		Due Date: November 29, 1996	
Control Number: B17-97-104		Rev: 0	
MILESTONE TYPE: ☐ DOE-HQ ☐ DOE-RL ☒ CONTRACTOR	DIVISION: ☐ State ☐ Federal ☒ DOE ☐ RCRA ☐ TPA Number _____	DELIVERABLE: ☒ Report ☐ Letter ☐ Drawings ☐ Other (specify)	ADDRESS TO: ☐ DOE-HQ ☒ DOE-RL ☐ Other (specify)
Milestone Description: Revise and update the FFTF Shutdown Program Plan reflecting resolution of technical issues, Tri-Party Agreements milestones objectives and Advanced Reactors program funding guidance.			
Description of what constitutes completion of this milestone: Submit updated FFTF Shutdown Program Plan to RL.			
Cost Account Manager <i>S. Guttenberg</i>		Program/Project Manager <i>E. F. Loika</i>	
Date <i>8/24/94</i>		Date <i>8/26/94</i>	
Program Element Manager <i>E. F. Loika</i>		Date <i>8/26/94</i>	

ADVANCED REACTORS

FY 1995 MYPP

WBS 7.3

Westinghouse Hanford Company MILESTONE DESCRIPTION SHEET			
Title: Update Hanford Site Sodium Management Plan			Date: August 23, 1994
Assigned To: S. Guttenberg			CIN:
Program WBS Designator: 7.3.1.1.7.01			Due Date: September 30, 1997
Control Number: B17-97-105			Rev: 0
MILESTONE TYPE: ☐ DOE-HQ ☐ DOE-RL ☒ CONTRACTOR	DIVISION: ☐ State ☐ Federal ☒ DOE ☐ RCRA ☐ TPA Number _____	DELIVERABLE: ☒ Report ☐ Letter ☐ Drawings ☐ Other (specify)	ADDRESS TO: ☐ DOE-HQ ☒ DOE-RL ☐ Other (specify)
Milestone Description: Revise the Sodium Management Plan reflecting input from engineering studies, regulatory compliance, sodium and test loop disposition, and Advanced Reactors funding guidance.			
Description of what constitutes completion of this milestone: Submit updated Sodium Management Plan to RL.			
Cost Account Manager <i>S. Guttenberg</i> <i>8/24/94</i> S. Guttenberg		Program/Project Manager E. F. Loika <i>Et Loh</i> <i>8/26/94</i>	
Program Element Manager E. F. Loika <i>Et Loh</i> <i>8/26/94</i>			

ADVANCED REACTORS **WBS 7.3**

FY 1995 MYPP

Westinghouse Hanford Company **STONE DESCRIPTION SHEET**

Title: Complete implementation of DOE Radiation Control Manual		Date: August 23, 1994	
Assigned To: L. A. Nelsen <i>la</i>		CIN:	
Program WBS Designator: 7.3.1.1.8.09		Due Date: March 31, 1995	
Control Number: B18-95-901		Rev: 0	
MILESTONE TYPE: ☐ DOE-HQ ☐ DOE-RL ☒ CONTRACTOR	DIVISION: ☐ State ☐ Federal ☒ DOE ☐ RCRA ☐ TPA Number _____	DELIVERABLE: ☐ Report ☐ Letter ☐ Drawings ☒ Other (specify) Certification of completion	ADDRESS TO: ☐ DOE-HQ ☒ DOE-RL ☐ Other (specify)
Milestone Description: Implementation of DOE Radiation Control Manual complete for Advanced Reactors.			
Description of what constitutes completion of this milestone: Certification by letter that implementation of DOE Radiation Control Manual is complete for Advanced Reactors as identified by Compliance Plan.			
Cost Account Manager <i>S. Guttenberg</i> <i>8-25-94</i> S. Guttenberg		Program/Project Manager E. F. Loika <i>8/26/94</i> <i>E. F. Loika</i>	
Program Element Manager E. F. Loika <i>8/26/94</i> <i>E. F. Loika</i>			

ADVANCED REACTORS

FY 1995 MYPP

WBS 7.3

Westinghouse Hanford Company MILESTONE DESCRIPTION SHEET			
Title: Submit 10 CFR 830.330 Training Rule Implementation Plan to RL for approval			Date: August 23, 1994
Assigned To: S. W. Scott <i>SW</i>			CIN:
Program WBS Designator: 7.3.1.1.8.09			Due Date: May 1, 1995
Control Number: B18-95-902			Rev: 0
MILESTONE TYPE:	DIVISION:	DELIVERABLE:	ADDRESS TO:
☐ DOE-HQ ☒ DOE-RL ☐ CONTRACTOR	☐ State ☐ Federal ☒ DOE ☐ RCRA ☐ TPA Number _____	☒ Report ☐ Letter ☐ Drawings ☐ Other (specify)	☐ DOE-HQ ☒ DOE-RL ☐ Other (specify)
Milestone Description: DOE is implementing requirements in the Code of Federal Regulations. A new section, 10 CFR 830.330 Training and Certification, will require an implementation plan for FFTF be submitted to RL within 6 months of the effective date of change to 10 CFR 830.			
Description of what constitutes completion of this milestone: WHC approval and submittal to RL of the FFTF Implementation Plan for 10 CFR 830.330, Training and Certification.			
Cost Account Manager <i>S. Guttenberg</i> <i>8-25-94</i>		Program/Project Manager E. F. Loika <i>E F Loika</i> <i>8/25/94</i>	
Program Element Manager E. F. Loika <i>E F Loika</i> <i>8/25/94</i>			

ADVANCED REACTORS **WBS 7.3**

FY 1995 MYPP

Westinghouse Hanford Company **MILESTONE DESCRIPTION SHEET**

Title: Complete Shutdown Work Phase 94-4		Date: August 23, 1994	
Assigned To: R. K. Hulvey		CIN:	
Program WBS Designator: 7.3.1.1.8.12		Due Date: December 31, 1994	
Control Number: B18-95-201		Rev: 0	
MILESTONE TYPE: ☐ DOE-HQ ☒ DOE-RL ☐ CONTRACTOR	DIVISION: ☐ State ☐ Federal ☒ DOE ☐ RCRA ☐ TPA Number _____	DELIVERABLE: ☐ Report ☐ Letter ☐ Drawings ☒ Other (specify) Site Management System (SMS) monthly report	ADDRESS TO: ☐ DOE-HQ ☒ DOE-RL ☐ Other (specify)
Milestone Description: This milestone documents the completion of the approved mandatory work scope for Work Phase 94-4.			
Description of what constitutes completion of this milestone: The completion of this milestone is the completion of all work that was designated as mandatory for Work Phase 94-4 by the FFTF Management Review Board.			
Cost Account Manager R. K. Hulvey <i>R. K. Hulvey</i> 8/23/94		Program/Project Manager E. F. Loika <i>E. F. Loika</i> 8/26/94	
Program Element Manager E. F. Loika <i>E. F. Loika</i> 8/26/94			

ADVANCED REACTORS

FY 1995 MYPP

WBS 7.3

Westinghouse Hanford Company MILESTONE DESCRIPTION SHEET			
Title: Complete Shutdown Work Phase 95-1			Date: August 23, 1994
Assigned To: R. K. Hulvey			CIN:
Program WBS Designator: 7.3.1.1.8.12			Due Date: March 31, 1995
Control Number: B18-95-202			Rev: 0
MILESTONE TYPE:	DIVISION:	DELIVERABLE:	ADDRESS TO:
☐ DOE-HQ ☒ DOE-RL ☐ CONTRACTOR	☐ State ☐ Federal ☒ DOE ☐ RCRA ☐ TPA Number _____	☐ Report ☐ Letter ☐ Drawings ☒ Other (specify) Site Management System (SMS) monthly report	☐ DOE-HQ ☒ DOE-RL ☐ Other (specify)
Milestone Description: This milestone documents the completion of the approved mandatory work scope for Work Phase 95-1.			
Description of what constitutes completion of this milestone: The completion of this milestone is the completion of all work that was designated as mandatory for Work Phase 95-1 by the FFTF Management Review Board.			
Cost Account Manager		Program/Project Manager	
R. K. Hulvey	Date 8/23/94	E. F. Loika	Date 8/26/94
Program Element Manager			
E. F. Loika	Date 8/26/94		

ADVANCED REACTORS

WBS 7.3

FY 1995 MYPP

Westinghouse Hanford Company MILESTONE DESCRIPTION SHEET			
Title: Complete Shutdown Work Phase 95-2			Date: August 23, 1994
Assigned To: R. K. Hulvey			CIN:
Program WBS Designator: 7.3.1.1.8.12			Due Date: June 30, 1995
Control Number: B18-95-203			Rev: 0
MILESTONE TYPE:	DIVISION:	DELIVERABLE:	ADDRESS TO:
☐ DOE-HQ ☒ DOE-RL ☐ CONTRACTOR	☐ State ☐ Federal ☒ DOE ☐ RCRA ☐ TPA Number _____	☐ Report ☐ Letter ☐ Drawings ☒ Other (specify) Site Management System (SMS) monthly report	☐ DOE-HQ ☒ DOE-RL ☐ Other (specify)
Milestone Description: This milestone documents the completion of the approved mandatory work scope for Work Phase 95-2.			
Description of what constitutes completion of this milestone: The completion of this milestone is the completion of all work that was designated as mandatory for Work Phase 95-2 by the FFTF Management Review Board.			
Cost Account Manager		Program/Project Manager	
R. K. Hulvey	Date 8/23/94	E. F. Loika	Date 8/26/94
Program Element Manager			
E. F. Loika	Date 8/26/94		

ADVANCED REACTORS

FY 1995 MYPP

WBS 7.3

Westinghouse Hanford Company MILESTONE DESCRIPTION SHEET			
Title: Complete Shutdown Work Phase 95-3			Date: August 23, 1994
Assigned To: R. K. Hulvey			CIN:
Program WBS Designator: 7.3.1.1.8.12			Due Date: September 30, 1995
Control Number: B18-95-204			Rev: 0
MILESTONE TYPE: ☐ DOE-HQ ☒ DOE-RL ☐ CONTRACTOR	DIVISION: ☐ State ☐ Federal ☒ DOE ☐ RCRA ☐ TPA Number _____	DELIVERABLE: ☐ Report ☐ Letter ☐ Drawings ☒ Other (specify) Site Management System (SMS) monthly report	ADDRESS TO: ☐ DOE-HQ ☒ DOE-RL ☐ Other (specify)
Milestone Description: This milestone documents the completion of the approved mandatory work scope for Work Phase 95-3.			
Description of what constitutes completion of this milestone: The completion of this milestone is the completion of all work that was designated as mandatory for Work Phase 95-3 by the FFTF Management Review Board.			
Cost Account Manager R. K. Hulvey <i>R. K. Hulvey</i> 8/23/94		Program/Project Manager E. F. Loika <i>E. F. Loika</i> 8/26/94	
Program Element Manager E. F. Loika <i>E. F. Loika</i> 8/26/94			

ADVANCED REACTORS

FY 1995 MYPP

WBS 7.3

Westinghouse Hanford Company MILESTONE DESCRIPTION SHEET

Title: Complete Shutdown Work Phase 95-4			Date: August 23, 1994
Assigned To: R. K. Hulvey			CIN:
Program WBS Designator: 7.3.1.1.8.12			Due Date: December 31, 1995
Control Number: B18-96-201			Rev: 0
MILESTONE TYPE: ☐ DOE-HQ ☒ DOE-RL ☐ CONTRACTOR	DIVISION: ☐ State ☐ Federal ☒ DOE ☐ RCRA ☐ TPA Number _____	DELIVERABLE: ☐ Report ☐ Letter ☐ Drawings ☒ Other (specify) Site Management System (SMS) monthly report	ADDRESS TO: ☐ DOE-HQ ☒ DOE-RL ☐ Other (specify)
Milestone Description: This milestone documents the completion of the approved mandatory work scope for Work Phase 95-4.			
Description of what constitutes completion of this milestone: The completion of this milestone is the completion of all work that was designated as mandatory for Work Phase 95-4 by the FFTF Management Review Board.			
Cost Account Manager R. K. Hulvey <i>Russell K. Hulvey</i> 8/23/94		Program/Project Manager E. F. Loika <i>E. F. Loika</i> 8/26/94	
Program Element Manager E. F. Loika <i>E. F. Loika</i> 8/25/94			

ADVANCED REACTORS

FY 1995 MYPP

WBS 7.3

Westinghouse Hanford Company MILESTONE DESCRIPTION SHEET			
Title: Complete Shutdown Work Phase 96-1			Date: August 23, 1994
Assigned To: R. K. Hulvey			CIN:
Program WBS Designator: 7.3.1.1.8.12			Due Date: March 31, 1996
Control Number: B18-96-202			Rev: 0
MILESTONE TYPE: ☐ DOE-HQ ☒ DOE-RL ☐ CONTRACTOR	DIVISION: ☐ State ☐ Federal ☒ DOE ☐ RCRA ☐ TPA Number _____	DELIVERABLE: ☐ Report ☐ Letter ☐ Drawings ☒ Other (specify) Site Management System (SMS) monthly report	ADDRESS TO: ☐ DOE-HQ ☒ DOE-RL ☐ Other (specify)
Milestone Description: This milestone documents the completion of the approved mandatory work scope for Work Phase 96-1.			
Description of what constitutes completion of this milestone: The completion of this milestone is the completion of all work that was designated as mandatory for Work Phase 96-1 by the FFTF Management Review Board.			
Cost Account Manager R. K. Hulvey <i>R. K. Hulvey</i> 8/23/94		Program/Project Manager E. F. Loika <i>E. F. Loika</i> 8/26/94	
Program Element Manager E. F. Loika <i>E. F. Loika</i> 8/26/94			

ADVANCED REACTORS **WBS 7.3**

FY 1995 MYPP

Westinghouse Hanford Company **MILESTONE DESCRIPTION SHEET**

Title: Complete Shutdown Work Phase 96-2		Date: August 23, 1994	
Assigned To: R. K. Hulvey		CIN:	
Program WBS Designator: 7.3.1.1.8.12		Due Date: June 30, 1996	
Control Number: B18-96-203		Rev: 0	
MILESTONE TYPE:	DIVISION:	DELIVERABLE:	ADDRESS TO:
☐ DOE-HQ ☒ DOE-RL ☐ CONTRACTOR	☐ State ☐ Federal ☒ DOE ☐ RCRA ☐ TPA Number _____	☐ Report ☐ Letter ☐ Drawings ☒ Other (specify) Site Management System (SMS) monthly report	☐ DOE-HQ ☒ DOE-RL ☐ Other (specify)
Milestone Description: This milestone documents the completion of the approved mandatory work scope for Work Phase 96-2.			
Description of what constitutes completion of this milestone: The completion of this milestone is the completion of all work that was designated as mandatory for Work Phase 96-2 by the FFTF Management Review Board.			
Cost Account Manager		Program/Project Manager	
R. K. Hulvey	Date 8/23/94	E. F. Loika	Date 8/25/94
Program Element Manager			
E. F. Loika	Date 8/25/94		

ADVANCED REACTORS

FY 1995 MYPP

WBS 7.3

Westinghouse Hanford Company MILESTONE DESCRIPTION SHEET

Title: Complete Shutdown Work Phase 96-3		Date: August 23, 1994	
Assigned To: R. K. Hulvey		CIN:	
Program WBS Designator: 7.3.1.1.8.12		Due Date: September 30, 1996	
Control Number: B18-96-204		Rev: 0	
MILESTONE TYPE: ☐ DOE-HQ ☒ DOE-RL ☐ CONTRACTOR	DIVISION: ☐ State ☐ Federal ☒ DOE ☐ RCRA ☐ TPA Number _____	DELIVERABLE: ☐ Report ☐ Letter ☐ Drawings ☒ Other (specify) Site Management System (SMS) monthly report	ADDRESS TO: ☐ DOE-HQ ☒ DOE-RL ☐ Other (specify)
Milestone Description: This milestone documents the completion of the approved mandatory work scope for Work Phase 96-3.			
Description of what constitutes completion of this milestone: The completion of this milestone is the completion of all work that was designated as mandatory for Work Phase 96-3 by the FFTF Management Review Board.			
Cost Account Manager R. K. Hulvey <i>R. K. Hulvey</i> 8/23/94		Program/Project Manager E. F. Loika <i>E. F. Loika</i> 8/26/94	
Program Element Manager E. F. Loika <i>E. F. Loika</i> 8/26/94			

ADVANCED REACTORS

WBS 7.3

FY 1995 MYPP

Westinghouse Hanford Company MILESTONE DESCRIPTION SHEET

Title: Complete Shutdown Work Phase 96-4			Date: August 23, 1994
Assigned To: R. K. Hulvey			CIN:
Program WBS Designator: 7.3.1.1.8.12			Due Date: December 31, 1996
Control Number: B18-97-201			Rev: 0
MILESTONE TYPE: ☐ DOE-HQ ☒ DOE-RL ☐ CONTRACTOR	DIVISION: ☐ State ☐ Federal ☒ DOE ☐ RCRA ☐ TPA Number _____	DELIVERABLE: ☐ Report ☐ Letter ☐ Drawings ☒ Other (specify) Site Management System (SMS) monthly report	ADDRESS TO: ☐ DOE-HQ ☒ DOE-RL ☐ Other (specify)
Milestone Description: This milestone documents the completion of the approved mandatory work scope for Work Phase 96-4.			
Description of what constitutes completion of this milestone: The completion of this milestone is the completion of all work that was designated as mandatory for Work Phase 96-4 by the FFTF Management Review Board.			
Cost Account Manager R. K. Hulvey <i>R. K. Hulvey</i> 8/23/94		Program/Project Manager E. F. Loika <i>E. F. Loika</i> 8/26/94	
Program Element Manager E. F. Loika <i>E. F. Loika</i> 8/26/94			

ADVANCED REACTORS

WBS 7.3

FY 1995 MYPP

Westinghouse Hanford Company MILESTONE DESCRIPTION SHEET

Title: Complete Shutdown Work Phase 97-1			Date: August 23, 1994
Assigned To: R. K. Hulvey			CIN:
Program WBS Designator: 7.3.1.1.8.12			Due Date: March 31, 1997
Control Number: B18-97-202			Rev: 0
MILESTONE TYPE: ☐ DOE-HQ ☒ DOE-RL ☐ CONTRACTOR	DIVISION: ☐ State ☐ Federal ☒ DOE ☐ RCRA ☐ TPA Number _____	DELIVERABLE: ☐ Report ☐ Letter ☐ Drawings ☒ Other (specify) Site Management System (SMS) monthly report	ADDRESS TO: ☐ DOE-HQ ☒ DOE-RL ☐ Other (specify)
Milestone Description: This milestone documents the completion of the approved mandatory work scope for Work Phase 97-1.			
Description of what constitutes completion of this milestone: The completion of this milestone is the completion of all work that was designated as mandatory for Work Phase 97-1 by the FFTF Management Review Board.			
Cost Account Manager R. K. Hulvey <i>R. K. Hulvey</i> 8/23/94		Program/Project Manager E. F. Loika <i>E. F. Loika</i> 8/26/94	
Program Element Manager E. F. Loika <i>E. F. Loika</i> 8/26/94			

ADVANCED REACTORS **WBS 7.3**

FY 1995 MYPP

Westinghouse Hanford Company **MILESTONE DESCRIPTION SHEET**

Title: Complete Shutdown Work Phase 97-2			Date: August 23, 1994
Assigned To: R. K. Hulvey			CIN:
Program WBS Designator: 7.3.1.1.8.12			Due Date: June 30, 1997
Control Number: B18-97-203			Rev: 0
MILESTONE TYPE: ☐ DOE-HQ ☒ DOE-RL ☐ CONTRACTOR	DIVISION: ☐ State ☐ Federal ☒ DOE ☐ RCRA ☐ TPA Number _____	DELIVERABLE: ☐ Report ☐ Letter ☐ Drawings ☒ Other (specify) Site Management System (SMS) monthly report	ADDRESS TO: ☐ DOE-HQ ☒ DOE-RL ☐ Other (specify)
Milestone Description: This milestone documents the completion of the approved mandatory work scope for Work Phase 97-2.			
Description of what constitutes completion of this milestone: The completion of this milestone is the completion of all work that was designated as mandatory for Work Phase 97-2 by the FFTF Management Review Board.			
Cost Account Manager R. K. Hulvey <i>R. K. Hulvey</i> 8/23/94		Program/Project Manager E. F. Loika <i>E. F. Loika</i> 8/26/94	
Program Element Manager E. F. Loika <i>E. F. Loika</i> 8/26/94			

ADVANCED REACTORS

WBS 7.3

FY 1995 MYPP

Westinghouse Hanford Company MILESTONE DESCRIPTION SHEET

Title: Complete Shutdown Work Phase 97-3			Date: August 23, 1994
Assigned To: R. K. Hulvey			CIN:
Program WBS Designator: 7.3.1.1.8.12			Due Date: September 30, 1997
Control Number: B18-97-204			Rev: 0
MILESTONE TYPE: ☐ DOE-HQ ☒ DOE-RL ☐ CONTRACTOR	DIVISION: ☐ State ☐ Federal ☒ DOE ☐ RCRA ☐ TPA Number _____	DELIVERABLE: ☐ Report ☐ Letter ☐ Drawings ☒ Other (specify) Site Management System (SMS) monthly report	ADDRESS TO: ☐ DOE-HQ ☒ DOE-RL ☐ Other (specify)
Milestone Description: This milestone documents the completion of the approved mandatory work scope for Work Phase 97-3.			
Description of what constitutes completion of this milestone: The completion of this milestone is the completion of all work that was designated as mandatory for Work Phase 97-3 by the FFTF Management Review Board.			
Cost Account Manager R. K. Hulvey <i>R. K. Hulvey</i> 8/23/94		Program/Project Manager E. F. Loika <i>E. F. Loika</i> 8/26/94	
Program Element Manager E. F. Loika <i>E. F. Loika</i> 8/28/94			

ADVANCED REACTORS
WBS 7.3

FY 1995 MYPP

Westinghouse Hanford Company
MILESTONE DESCRIPTION SHEET

Title: Develop S/RID		Date: August 23, 1994	
Assigned To: D. H. Jones <i>DHJ</i>		CIN:	
Program WBS Designator: 7.3.1.1.9.02		Due Date: March 31, 1995	
Control Number: B19-95-201		Rev: 0	
MILESTONE TYPE: ☐ DOE-HQ ☒ DOE-RL ☐ CONTRACTOR	DIVISION: ☐ State ☐ Federal ☒ DOE ☐ RCRA ☐ TPA Number _____	DELIVERABLE: ☒ Report ☐ Letter ☐ Drawings ☐ Other (specify)	ADDRESS TO: ☐ DOE-HQ ☒ DOE-RL ☐ Other (specify)
Milestone Description: Develop Standards/Requirements Identification Document (S/RID).			
Description of what constitutes completion of this milestone: Submit to RL a document identifying the specific standards and requirements that apply to the FFTF.			
Cost Account Manager <i>S. Guttenberg</i> <i>fg</i> S. Guttenberg		Date 8/26/94	
Program/Project Manager <i>E. F. Loika</i> <i>EFL</i> E. F. Loika		Date 8/26/94	
Program Element Manager <i>E. F. Loika</i> <i>EFL</i> E. F. Loika		Date 8/26/94	

ADVANCED REACTORS WBS 7.3

FY 1995 MYPP

Westinghouse Hanford Company MILESTONE DESCRIPTION SHEET			
Title: Administrative assessment of S/RID			Date: August 23, 1994
Assigned To: D. H. Jones <i>DHJ</i>			CIN:
Program WBS Designator: 7.3.1.1.9.02			Due Date: June 30, 1995
Control Number: B19-95-202			Rev: 0
MILESTONE TYPE:	DIVISION:	DELIVERABLE:	ADDRESS TO:
☐ DOE-HQ ☒ DOE-RL ☐ CONTRACTOR	☐ State ☐ Federal ☒ DOE ☐ RCRA ☐ TPA Number _____	☒ Report ☐ Letter ☐ Drawings ☐ Other (specify)	☐ DOE-HQ ☒ DOE-RL ☐ Other (specify)
Milestone Description: Complete assessment of Standards/Requirements Identification Document (S/RID) that shows FFTF has a system in place to incorporate requirements into plant procedures.			
Description of what constitutes completion of this milestone: Submit document to RL showing FFTF has a system in place that enables requirements stated in S/RID to be incorporated in Plant governing documents.			
Cost Account Manager <i>S. Guttenberg</i> S. Guttenberg		Date 8-24-94	
Program/Project Manager <i>E. F. Loika</i> E. F. Loika		Date 8/26/94	
Program Element Manager <i>E. F. Loika</i> E. F. Loika		Date 8/26/94	

ADVANCED REACTORS **WBS 7.3**

FY 1995 MYPP

Westinghouse Hanford Company MILESTONE DESCRIPTION SHEET			
Title: Milestone withdrawn. This form/page has been intentionally left blank.			Date: August 23, 1994
Assigned To:			CIN:
Program WBS Designator:			Due Date:
Control Number:			Rev:
MILESTONE TYPE: ☐ DOE-HQ ☐ DOE-RL ☐ CONTRACTOR	DIVISION: ☐ State ☐ Federal ☐ DOE ☐ RCRA ☐ TPA Number _____	DELIVERABLE: ☐ Report ☐ Letter ☐ Drawings ☐ Other (specify)	ADDRESS TO: ☐ DOE-HQ ☐ DOE-RL ☐ Other (specify)
Milestone Description:			
Description of what constitutes completion of this milestone:			
Cost Account Manager		Date	Program/Project Manager
Program Element Manager		Date	

ADVANCED REACTORS

WBS 7.3

FY 1995 MYPP

Westinghouse Hanford Company MILESTONE DESCRIPTION SHEET			
Title: Complete ISC design			Date: August 23, 1994
Assigned To: J. L. Marshall <i>JLM</i>			CIN:
Program WBS Designator: 7.3.1.1.9.03			Due Date: October 17, 1994
Control Number: B19-95-301			Rev: 0
MILESTONE TYPE:	DIVISION:	DELIVERABLE:	ADDRESS TO:
☐ DOE-HQ ☒ DOE-RL ☐ CONTRACTOR	☐ State ☐ Federal ☒ DOE ☐ RCRA ☐ TPA Number _____	☐ Report ☐ Letter ☐ Drawings ☒ Other (specify) Site Management System (SMS) monthly report	☐ DOE-HQ ☒ DOE-RL ☐ Other (specify)
Milestone Description: This milestone documents the completion of the Interim Storage Cask (ISC) design.			
Description of what constitutes completion of this milestone: Completion of this milestone is the issuance of the WHC approval of the General Atomics structural detail drawings for the ISC.			
Cost Account Manager		Program/Project Manager	
R. K. Hulvey <i>R. K. Hulvey</i> 8/24/94		E. F. Loika <i>E. F. Loika</i> 8/24/94	
Program Element Manager			
E. F. Loika <i>E. F. Loika</i> 8/24/94			

ADVANCED REACTORS

FY 1995 MYPP

WBS 7.3

Westinghouse Hanford Company MILESTONE DESCRIPTION SHEET

Title: Place procurement contract for closed CCC		Date: August 23, 1994	
Assigned To: J. L. Marshall <i>JLM</i>		CIN:	
Program WBS Designator: 7.3.1.1.9.03		Due Date: December 1, 1994	
Control Number: B19-95-302		Rev: 0	
MILESTONE TYPE: ☐ DOE-HQ ☒ DOE-RL ☐ CONTRACTOR	DIVISION: ☐ State ☐ Federal ☒ DOE ☐ RCRA ☐ TPA Number _____	DELIVERABLE: ☐ Report ☐ Letter ☐ Drawings ☒ Other (specify) Site Management System (SMS) monthly report	ADDRESS TO: ☐ DOE-HQ ☒ DOE-RL ☐ Other (specify)
Milestone Description: This milestone documents the placement of the procurement contract for the prototype closed Core Component Container (CCC).			
Description of what constitutes completion of this milestone: Completion of this milestone is the issuance of the procurement contract for the prototype closed CCC.			
Cost Account Manager R. K. Hulvey <i>R. K. Hulvey</i> Date 8/24/94		Program/Project Manager E. F. Loika <i>E. F. Loika</i> Date 8/24/94	
Program Element Manager E. F. Loika <i>E. F. Loika</i> Date 8/24/94			

ADVANCED REACTORS

FY 1995 MYPP

WBS 7.3

Westinghouse Hanford Company MILESTONE DESCRIPTION SHEET			
Title: Complete reactor vessel sector 2 in-core defueling, not including Center Island and in-vessel storage			Date: August 23, 1994
Assigned To: G. B. Griffin <i>GB</i>			CIN:
Program WBS Designator: 7.3.1.1.9.03			Due Date: January 6, 1995
Control Number: B19-95-303			Rev: 0
MILESTONE TYPE: ☐ DOE-HQ ☒ DOE-RL ☐ CONTRACTOR	DIVISION: ☐ State ☐ Federal ☒ DOE ☐ RCRA ☐ TPA Number _____	DELIVERABLE: ☐ Report ☐ Letter ☐ Drawings ☒ Other (specify) Site Management System (SMS) monthly report	ADDRESS TO: ☐ DOE-HQ ☒ DOE-RL ☐ Other (specify)
Milestone Description: This milestone documents the completion of reactor vessel sector 2 in-core defueling.			
Description of what constitutes completion of this milestone: Completion of this milestone is all sector 2 defueling is complete with the exception of center island locations, assemblies left in place to facilitate center island defueling, and assemblies left in in-vessel storage.			
Cost Account Manager R. K. Hulvey <i>R. K. Hulvey</i> 8/24/94		Program/Project Manager E. F. Loika <i>E. F. Loika</i> 8/24/94	
Program Element Manager E. F. Loika <i>E. F. Loika</i> 8/24/94			

ADVANCED REACTORS
WBS 7.3

FY 1995 MYPP

Westinghouse Hanford Company
STONE DESCRIPTION SHEET

Title: Complete reactor vessel sector 3 in-core defueling, not including Center Island and in-vessel storage			Date: August 23, 1994
Assigned To: G. B. Griffin <i>GBG</i>			CIN:
Program WBS Designator: 7.3.1.1.9.03			Due Date: April 11, 1995
Control Number: B19-95-304			Rev: 0
MILESTONE TYPE: ☐ DOE-HQ ☒ DOE-RL ☐ CONTRACTOR	DIVISION: ☐ State ☐ Federal ☒ DOE ☐ RCRA ☐ TPA Number _____	DELIVERABLE: ☐ Report ☐ Letter ☐ Drawings ☒ Other (specify) Site Management System (SMS) monthly report	ADDRESS TO: ☐ DOE-HQ ☒ DOE-RL ☐ Other (specify)
Milestone Description: This milestone documents the completion of reactor vessel sector 3 in-core defueling.			
Description of what constitutes completion of this milestone: Completion of this milestone is all sector 3 defueling is complete with the exception of center island locations, assemblies left in place to facilitate center island defueling, and assemblies left in in-vessel storage.			
Cost Account Manager R. K. Hulvey <i>R. K. Hulvey</i> 8/24/94		Program/Project Manager E. F. Loika <i>E. F. Loika</i> 8/21/94	
Program Element Manager E. F. Loika <i>E. F. Loika</i> 8/24/94			

ADVANCED REACTORS

WBS 7.3

FY 1995 MYPP

Westinghouse Hanford Company MILESTONE DESCRIPTION SHEET

Title: Complete Project F-027 IEM Cell Enhancement/Cask Loading Station modifications			Date: August 23, 1994
Assigned To: J. L. Marshall <i>JLM</i>			CIN:
Program WBS Designator: 7.3.1.1.9.03			Due Date: May 1, 1995
Control Number: B19-95-305			Rev: 0
MILESTONE TYPE: ☐ DOE-HQ ☐ DOE-RL ☒ CONTRACTOR	DIVISION: ☐ State ☐ Federal ☒ DOE ☐ RCRA ☐ TPA Number _____	DELIVERABLE: ☐ Report ☐ Letter ☐ Drawings ☒ Other (specify) Site Management System (SMS) monthly report	ADDRESS TO: ☐ DOE-HQ ☒ DOE-RL ☐ Other (specify)
Milestone Description: This milestone documents the completion of the F-027 Interim Examination and Maintenance (IEM) Cell enhancement/Cask Loading Station (CLS) modifications. (This project is defense funded.)			
Description of what constitutes completion of this milestone: Completion of this milestone is the installation of the IEM Cell Ceiling Valve Offset Adapter Plates, the maintenance Turntable Core Component Container Fixture, Ion Exchange System, and the Reactor Service Building Cask Loading Station modifications.			
Cost Account Manager R. K. Hulvey <i>R. K. Hulvey</i> <i>8/24/94</i>		Program/Project Manager E. F. Loika <i>E. F. Loika</i> <i>8/27/94</i>	
Program Element Manager E. F. Loika <i>E. F. Loika</i> <i>8/27/94</i>			

ADVANCED REACTORS **WBS 7.3**

FY 1995 MYPP

Westinghouse Hanford Company MILESTONE DESCRIPTION SHEET			
Title: Receive first ISC			Date: August 23, 1994
Assigned To: J. L. Marshall <i>JLM</i>			CIN:
Program WBS Designator: 7.3.1.1.9.03			Due Date: May 1, 1995
Control Number: B19-95-306			Rev: 0
MILESTONE TYPE:	DIVISION:	DELIVERABLE:	ADDRESS TO:
☐ DOE-HQ ☐ DOE-RL ☒ CONTRACTOR	☐ State ☐ Federal ☒ DOE ☐ RCRA ☐ TPA Number _____	☐ Report ☐ Letter ☐ Drawings ☒ Other (specify) Site Management System (SMS) monthly report	☐ DOE-HQ ☒ DOE-RL ☐ Other (specify)
Milestone Description: This milestone documents the receipt of the first Interim Storage Cask (ISC).			
Description of what constitutes completion of this milestone: Completion of this milestone is the receipt of the first ISC in the 400 Area.			
Cost Account Manager R. K. Hulvey <i>R. K. Hulvey</i> 8/24/94		Program/Project Manager E. F. Loika <i>E. F. Loika</i> 8/24/94	
Program Element Manager E. F. Loika <i>E. F. Loika</i> 8/24/94			

ADVANCED REACTORS

WBS 7.3

FY 1995 MYPP

Westinghouse Hanford Company MILESTONE DESCRIPTION SHEET

Title: Complete sector 2 and 3 Center Island defueling			Date: August 23, 1994
Assigned To: G. B. Griffin <i>GBG</i>			CIN:
Program WBS Designator: 7.3.1.1.9.03			Due Date: May 10, 1995
Control Number: B19-95-307			Rev: 0
MILESTONE TYPE: ☐ DOE-HQ ☒ DOE-RL ☐ CONTRACTOR	DIVISION: ☐ State ☐ Federal ☒ DOE ☐ RCRA ☐ TPA Number _____	DELIVERABLE: ☐ Report ☐ Letter ☐ Drawings ☒ Other (specify) Site Management System (SMS) monthly report	ADDRESS TO: ☐ DOE-HQ ☒ DOE-RL ☐ Other (specify)
Milestone Description: This milestone documents the completion of reactor vessel sector's 2 and 3 center island refueling.			
Description of what constitutes completion of this milestone: Completion of this milestone is the completion of all center island defueling in the reactor vessel.			
Cost Account Manager R. K. Hulvey <i>RKH</i> 8/24/94		Program/Project Manager E. F. Loika <i>EFL</i> 8/24/94	
Program Element Manager E. F. Loika <i>EFL</i> 8/24/94			

ADVANCED REACTORS TRANSITION

FY 1995 MYPP

WBS 7.3

Westinghouse Hanford Company MILESTONE DESCRIPTION SHEET

Title: Complete PO-4 processing to pins ready to leave the IEM Cell		Date: September 12, 1994	
Assigned To: G. B. Griffin <i>GB</i>		CIN: ART-E94-051	
Program WBS Designator: 7.3.1.1.9.03		Due Date: July 25, 1995	
Control Number: B12-94-114		Rev: 2	
MILESTONE TYPE: ☐ DOE-HQ ☒ DOE-RL ☐ CONTRACTOR	DIVISION: ☐ State ☐ Federal ☒ DOE ☐ RCRA ☐ TPA Number _____	DELIVERABLE: ☐ Report ☐ Letter ☐ Drawings ☒ Other (specify) Site Management System (SMS) monthly report	ADDRESS TO: ☐ DOE-HQ ☒ DOE-RL ☐ Other (specify)
Milestone Description: This milestone documents the disassembly of the Advanced Oxide Fuel Test No. 4 (PO-4) in the Interim Examination and Maintenance (IEM) Cell, the identified leaker pins encapsulated and placed along with the rest of the pins in IDENT-69 fuel pin shipping containers.			
Description of what constitutes completion of this milestone: This milestone will be complete when all pins are removed from PO-4 assembly and placed in the pin container in the IEM Cell ready for shipment.			
Cost Account Manager R. K. Hulvey <i>R. K. Hulvey</i>		Program/Project Manager E. F. Loika <i>E. F. Loika</i>	
Date <i>9/12/94</i>		Date <i>9/12/94</i>	
Program Element Manager E. F. Loika <i>E. F. Loika</i>			
Date <i>9/12/94</i>			

ADVANCED REACTORS

WBS 7.3

FY 1995 MYPP

Westinghouse Hanford Company MILESTONE DESCRIPTION SHEET

Title: Submit amended T-3 Cask license to RL			Date: August 23, 1994
Assigned To: J. L. Marshall <i>JLM</i>			CIN:
Program WBS Designator: 7.3.1.1.9.03			Due Date: September 1, 1995
Control Number: B19-95-309			Rev: 0
MILESTONE TYPE: ☐ DOE-HQ ☐ DOE-RL ☒ CONTRACTOR	DIVISION: ☐ State ☐ Federal ☒ DOE ☐ RCRA ☐ TPA Number _____	DELIVERABLE: ☐ Report ☒ Letter ☐ Drawings ☐ Other (specify)	ADDRESS TO: ☐ DOE-HQ ☒ DOE-RL ☐ Other (specify)
Milestone Description: This milestone documents the submittal of the T-3 Cask Certificate of Compliance (COC) addendum for sodium bonded metal fuel shipment payload revisions to DOE-RL for approval.			
Description of what constitutes completion of this milestone: Completion of this milestone is the submittal of the T-3 Cask COC addendum for sodium bonded metal fuel shipment payload revisions, to RL for approval.			
Cost Account Manager R. K. Hulvey <i>R. K. Hulvey</i> 8/24/94		Program/Project Manager E. F. Loika <i>E. F. Loika</i> 8/24/94	
Program Element Manager E. F. Loika <i>E. F. Loika</i> 8/24/94			

ADVANCED REACTORS

WBS 7.3

FY 1995 MYPP

Westinghouse Hanford Company MILESTONE DESCRIPTION SHEET

Title: Complete reactor vessel defueling			Date: August 23, 1994
Assigned To: G. B. Griffin <i>SA</i>			CIN:
Program WBS Designator: 7.3.1.1.9.03			Due Date: September 6, 1995
Control Number: B19-95-310			Rev: 0
MILESTONE TYPE: ☒ DOE-HQ ☐ DOE-RL ☐ CONTRACTOR	DIVISION: ☐ State ☐ Federal ☒ DOE ☐ RCRA ☐ TPA Number _____	DELIVERABLE: ☐ Report ☐ Letter ☐ Drawings ☒ Other (specify) Site Management System (SMS) monthly report	ADDRESS TO: ☐ DOE-HQ ☒ DOE-RL ☐ Other (specify)
Milestone Description: This milestone documents the completion of all reactor vessel defueling.			
Description of what constitutes completion of this milestone: Completion of this milestone is the completion of all reactor component handling in and out of the reactor vessel.			
Cost Account Manager R. K. Hulvey <i>R. K. Hulvey</i>		Program/Project Manager E. F. Loika <i>E. F. Loika</i>	
Date 8/26/94		Date 8/26/94	
Program Element Manager E. F. Loika <i>E. F. Loika</i>			
Date 8/26/94			

ADVANCED REACTORS

FY 1995 MYPP

WBS 7.3

Westinghouse Hanford Company MILESTONE DESCRIPTION SHEET			
Title: Complete first CCC/ISC testing			Date: August 23, 1994
Assigned To: J. L. Marshall <i>JLM</i>			CIN:
Program WBS Designator: 7.3.1.1.9.03			Due Date: September 7, 1995
Control Number: B19-95-311			Rev: 0
MILESTONE TYPE: ☐ DOE-HQ ☐ DOE-RL ☒ CONTRACTOR	DIVISION: ☐ State ☐ Federal ☒ DOE ☐ RCRA ☐ TPA Number _____	DELIVERABLE: ☐ Report ☐ Letter ☐ Drawings ☒ Other (specify) Site Management System (SMS) monthly report	ADDRESS TO: ☐ DOE-HQ ☒ DOE-RL ☐ Other (specify)
Milestone Description: This milestone documents the completion of the testing of equipment and procedures needed to load washed FFTF spent fuel into the Core Component Container(CCC)/ Interim Storage Cask (ISC), seal and place the CCC/ISC in the Interim Storage Area (ISA). This testing will consist of a "dry" run without fuel followed by a "wet" run with the first six washed fuel assemblies.			
Description of what constitutes completion of this milestone: Completion of this milestone is when the first six FFTF spent fuel assemblies have been successfully loaded into a CCC/ISC, sealed and placed in the ISA.			
Cost Account Manager R. K. Hulvey <i>R. K. Hulvey</i>		Program/Project Manager E. F. Loika <i>E. F. Loika</i>	
Program Element Manager E. F. Loika <i>E. F. Loika</i>		Date 8/24/94	

ADVANCED REACTORS **WBS 7.3**

FY 1995 MYPP

Westinghouse Hanford Company **MILESTONE DESCRIPTION SHEET**

Title: Place procurement contract for remaining ISCs		Date: August 23, 1994	
Assigned To: J. L. Marshall <i>JLM</i>		CIN:	
Program WBS Designator: 7.3.1.1.9.03		Due Date: September 15, 1995	
Control Number: B19-95-312		Rev: 0	
MILESTONE TYPE: ☐ DOE-HQ ☒ DOE-RL ☐ CONTRACTOR	DIVISION: ☐ State ☐ Federal ☒ DOE ☐ RCRA ☐ TPA Number _____	DELIVERABLE: ☐ Report ☐ Letter ☐ Drawings ☒ Other (specify) Site Management System (SMS) monthly report	ADDRESS TO: ☐ DOE-HQ ☒ DOE-RL ☐ Other (specify)
Milestone Description: This milestone documents the placement of the procurement contract for the remaining Interim Storage Casks (ISC).			
Description of what constitutes completion of this milestone: Completion of this milestone is the issuance of the signed purchase order for the remaining ISCs			
Cost Account Manager R. K. Hulvey <i>R. K. Hulvey</i> 8/24/94		Program/Project Manager E. F. Loika <i>E. F. Loika</i> 8/24/94	
Program Element Manager E. F. Loika <i>E. F. Loika</i> 8/24/94			

ADVANCED REACTORS

FY 1995 MYPP

WBS 7.3

Westinghouse Hanford Company MILESTONE DESCRIPTION SHEET

Title: Complete processing of DNM ACN-1			Date: August 23, 1994
Assigned To: G. B. Griffin <i>GBG</i>			CIN:
Program WBS Designator: 7.3.1.1.9.03			Due Date: September 30, 1995
Control Number: B19-95-313			Rev: 0
MILESTONE TYPE: ☐ DOE-HQ ☒ DOE-RL ☐ CONTRACTOR	DIVISION: ☐ State ☐ Federal ☒ DOE ☐ RCRA ☐ TPA Number _____	DELIVERABLE: ☐ Report ☐ Letter ☐ Drawings ☒ Other (specify) Site Management System (SMS) monthly report	ADDRESS TO: ☐ DOE-HQ ☒ DOE-RL ☐ Other (specify)
Milestone Description: This milestone documents the disassembly of the delayed neutron monitor (DNM) leaker assembly ACN-1 [Multiduct Assembly Carbide Fuel Test consisting of 37 carbide (w/o nitrate) pins with 19 of them helium bonded and 18 sodium bonded].			
Description of what constitutes completion of this milestone: Completion of this milestone is the complete disassembly of ACN-1, all fuel pins placed in IDENT-69 fuel pin shipping container, and any identified leaker pins encapsulated.			
Cost Account Manager R. K. Hulvey <i>RKH</i> <i>9/24/94</i>		Program/Project Manager E. F. Loika <i>EF Loika</i> <i>9/24/94</i>	
Program Element Manager E. F. Loika <i>EF Loika</i> <i>9/24/94</i>			

ADVANCED REACTORS **WBS 7.3**

FY 1995 MYPP

Westinghouse Hanford Company **STONE**

Title: Complete PRC-2 (Readiness Assessment) for Phase 3 irradiated fuel washing and offload		Date: August 23, 1994	
Assigned To: R. K. Hulvey <i>RKH</i>		CIN:	
Program WBS Designator: 7.3.1.1.9.03		Due Date: October 18, 1995	
Control Number: B19-96-301		Rev: 0	
MILESTONE TYPE: ☐ DOE-HQ ☒ DOE-RL ☐ CONTRACTOR	DIVISION: ☐ State ☐ Federal ☒ DOE ☐ RCRA ☐ TPA Number _____	DELIVERABLE: ☐ Report ☐ Letter ☐ Drawings ☒ Other (specify) Site Management System (SMS) monthly report	ADDRESS TO: ☐ DOE-HQ ☒ DOE-RL ☐ Other (specify)
Milestone Description: This milestone documents the completion of the Readiness Assessment for Phase 3 irradiated fuel washing and offload.			
Description of what constitutes completion of this milestone: Completion of this milestone is the issuance of a completed Readiness Assessment for Phase 3 irradiated fuel washing and offload.			
Cost Account Manager R. K. Hulvey <i>RKH</i> 8/26/94		Program/Project Manager E. F. Loika <i>EFL</i> 8/26/94	
Program Element Manager E. F. Loika <i>EFL</i> 8/26/94			

ADVANCED REACTORS

WBS 7.3

FY 1995 MYPP

Westinghouse Hanford Company MILESTONE DESCRIPTION SHEET			
Title: Commence Phase 3, wash fuel and process to dry storage			Date: August 23, 1994
Assigned To: G. B. Griffin <i>GBG</i>			CIN:
Program WBS Designator: 7.3.1.1.9.03			Due Date: October 25, 1995
Control Number: B19-96-302			Rev: 0
MILESTONE TYPE:	DIVISION:	DELIVERABLE:	ADDRESS TO:
☒ DOE-HQ ☐ DOE-RL ☐ CONTRACTOR	☐ State ☐ Federal ☒ DOE ☐ RCRA ☐ TPA Number _____	☐ Report ☐ Letter ☐ Drawings ☒ Other (specify) Site Management System (SMS) monthly report	☐ DOE-HQ ☒ DOE-RL ☐ Other (specify)
Milestone Description: This milestone documents the commencement of Phase 3 fuel offload and washing on a routine basis per the Resource Loaded Schedule FFTF Shutdown Master Schedule. Description of what constitutes completion of this milestone: Completion of the milestone is the transfer of the first fuel component for Phase 3 from sodium to the IEM Cell for washing.			
Cost Account Manager R. K. Hulvey <i>R. K. Hulvey</i> 8/24/94		Program/Project Manager E. F. Loika <i>E. F. Loika</i> 8/26/94	
Program Element Manager E. F. Loika <i>E. F. Loika</i> 8/26/94			

ADVANCED REACTORS **WBS 7.3**

FY 1995 MYPP

Westinghouse Hanford Company **MILESTONE DESCRIPTION SHEET**

Title: Wash and store FFTF irradiated fuel		Date: August 25, 1994	
Assigned To: G. B. Griffin <i>GB</i>		CIN:	
Program WBS Designator: 7.3.1.1.9.03		Due Date: December 31, 1995	
Control Number: B19-96-303		Rev: 0	
MILESTONE TYPE:	DIVISION:	DELIVERABLE:	ADDRESS TO:
☐ DOE-HQ ☒ DOE-RL ☐ CONTRACTOR	☐ State ☐ Federal ☒ DOE ☐ RCRA ☐ TPA Number _____	☐ Report ☐ Letter ☐ Drawings ☒ Other (specify) Site Management System (SMS) monthly report	☐ DOE-HQ ☒ DOE-RL ☐ Other (specify)
Milestone Description: This milestone documents progress in irradiated fuel washing and its subsequent dry storage.			
Description of what constitutes completion of this milestone: Completion of this milestone is the completion of washing 24 irradiated fueled components and placing 4 loaded Interim Storage Casks (ISC) into the Interim Storage Area (ISA).			
Cost Account Manager R. K. Hulvey <i>R. K. Hulvey</i> 8/26/94		Program/Project Manager E. F. Loika <i>E. F. Loika</i> 8/26/94	
Program Element Manager E. F. Loika <i>E. F. Loika</i> 8/26/94			

ADVANCED REACTORS

WBS 7.3

FY 1995 MYPP

Westinghouse Hanford Company

MILESTONE DESCRIPTION SHEET

Title: Wash and store FFTF irradiated fuel			Date: August 25, 1994
Assigned To: G. B. Griffin <i>GB</i>			CIN:
Program WBS Designator: 7.3.1.1.9.03			Due Date: March 31, 1996
Control Number: B19-96-304			Rev: 0
MILESTONE TYPE: ☐ DOE-HQ ☒ DOE-RL ☐ CONTRACTOR	DIVISION: ☐ State ☐ Federal ☒ DOE ☐ RCRA ☐ TPA Number _____	DELIVERABLE: ☐ Report ☐ Letter ☐ Drawings ☒ Other (specify) Site Management System (SMS) monthly report	ADDRESS TO: ☐ DOE-HQ ☒ DOE-RL ☐ Other (specify)
Milestone Description: This milestone documents progress in irradiated fuel washing and its subsequent dry storage.			
Description of what constitutes completion of this milestone: Completion of this milestone is the completion of washing 30 irradiated fueled components and placing 5 loaded Interim Storage Casks (ISC) into the Interim Storage Area (ISA).			
Cost Account Manager R. K. Hulvey <i>R. K. Hulvey</i> Date 8/26/94		Program/Project Manager E. F. Loika <i>E. F. Loika</i> Date 8/26/94	
Program Element Manager E. F. Loika <i>E. F. Loika</i> Date 8/26/94			

ADVANCED REACTORS
WBS 7.3

FY 1995 MYPP

Westinghouse Hanford Company MILESTONE DESCRIPTION SHEET			
Title: Wash and store FFTF irradiated fuel			Date: August 25, 1994
Assigned To: G. B. Griffin <i>GB</i>			CIN:
Program WBS Designator: 7.3.1.1.9.03			Due Date: June 30, 1996
Control Number: B19-96-305			Rev: 0
MILESTONE TYPE: ☐ DOE-HQ ☒ DOE-RL ☐ CONTRACTOR	DIVISION: ☐ State ☐ Federal ☒ DOE ☐ RCRA ☐ TPA Number _____	DELIVERABLE: ☐ Report ☐ Letter ☐ Drawings ☒ Other (specify) Site Management System (SMS) monthly report	ADDRESS TO: ☐ DOE-HQ ☒ DOE-RL ☐ Other (specify)
Milestone Description: This milestone documents progress in irradiated fuel washing and its subsequent dry storage.			
Description of what constitutes completion of this milestone: Completion of this milestone is the completion of washing 36 irradiated fueled components and placing 6 loaded Interim Storage Casks (ISC) into the Interim Storage Area (ISA).			
Cost Account Manager R. K. Hulvey <i>R. K. Hulvey</i> 8/26/94		Program/Project Manager E. F. Loika <i>E. F. Loika</i> 8/26/94	
Program Element Manager E. F. Loika <i>E. F. Loika</i> 8/26/94			

ADVANCED REACTORS

WBS 7.3

FY 1995 MYPP

Westinghouse Hanford Company MILESTONE DESCRIPTION SHEET

Title: Wash and store FFTF irradiated fuel			Date: August 25, 1994
Assigned To: G. B. Griffin <i>GB</i>			CIN:
Program WBS Designator: 7.3.1.1.9.03			Due Date: September 30, 1996
Control Number: B19-96-306			Rev: 0
MILESTONE TYPE: ☐ DOE-HQ ☒ DOE-RL ☐ CONTRACTOR	DIVISION: ☐ State ☐ Federal ☒ DOE ☐ RCRA ☐ TPA Number _____	DELIVERABLE: ☐ Report ☐ Letter ☐ Drawings ☒ Other (specify) Site Management System (SMS) monthly report	ADDRESS TO: ☐ DOE-HQ ☒ DOE-RL ☐ Other (specify)
Milestone Description: This milestone documents progress in irradiated fuel washing and its subsequent dry storage.			
Description of what constitutes completion of this milestone: Completion of this milestone is the completion of washing 30 irradiated fueled components and placing 5 loaded Interim Storage Casks (ISC) into the Interim Storage Area (ISA).			
Cost Account Manager R. K. Hulvey <i>R. K. Hulvey</i> 8/26/94		Program/Project Manager E. F. Loika <i>E. F. Loika</i> 8/26/94	
Program Element Manager E. F. Loika <i>E. F. Loika</i> 8/26/94			

ADVANCED REACTORS

WBS 7.3

FY 1995 MYPP

Westinghouse Hanford Company
MILESTONE DESCRIPTION SHEET

Title: Receive remaining ISCs		Date: August 23, 1994	
Assigned To: J. L. Marshall <i>JLM</i>		CIN:	
Program WBS Designator: 7.3.1.1.9.03		Due Date: September 11, 1997	
Control Number: B19-97-301		Rev: 0	
MILESTONE TYPE:	DIVISION:	DELIVERABLE:	ADDRESS TO:
☐ DOE-HQ ☐ DOE-RL ☒ CONTRACTOR	☐ State ☐ Federal ☒ DOE ☐ RCRA ☐ TPA Number _____	☐ Report ☐ Letter ☐ Drawings ☒ Other (specify) Site Management System (SMS) monthly report	☐ DOE-HQ ☒ DOE-RL ☐ Other (specify)
Milestone Description: This milestone documents the receipt of the remaining Interim Storage Casks (ISC).			
Description of what constitutes completion of this milestone: Completion of this milestone is the receipt of the remaining ISCs in the 400 Area.			
Cost Account Manager R. K. Hulvey <i>R. K. Hulvey</i> 8/24/94		Program/Project Manager E. F. Loika <i>E. F. Loika</i> 8/24/94	
Program Element Manager E. F. Loika <i>E. F. Loika</i> 8/24/94			

ADVANCED REACTORS

FY 1995 MYPP

WBS 7.3

Westinghouse Hanford Company MILESTONE DESCRIPTION SHEET			
Title: Wash and store FFTF irradiated fuel			Date: August 25, 1994
Assigned To: G. B. Griffin <i>GB</i>			CIN:
Program WBS Designator: 7.3.1.1.9.03			Due Date: December 31, 1996
Control Number: B19-97-302			Rev: 0
MILESTONE TYPE: ☐ DOE-HQ ☒ DOE-RL ☐ CONTRACTOR	DIVISION: ☐ State ☐ Federal ☒ DOE ☐ RCRA ☐ TPA Number _____	DELIVERABLE: ☐ Report ☐ Letter ☐ Drawings ☒ Other (specify) Site Management System (SMS) monthly report	ADDRESS TO: ☐ DOE-HQ ☒ DOE-RL ☐ Other (specify)
Milestone Description: This milestone documents progress in irradiated fuel washing and its subsequent dry storage.			
Description of what constitutes completion of this milestone: Completion of this milestone is the completion of washing 24 irradiated fueled components and placing 4 loaded Interim Storage Casks (ISC) into the Interim Storage Area (ISA).			
Cost Account Manager R. K. Hulvey <i>R. K. Hulvey</i>		Program/Project Manager E. F. Loika <i>E. F. Loika</i>	
Program Element Manager E. F. Loika <i>E. F. Loika</i>		Date 8/26/94	

ADVANCED REACTORS

WBS 7.3

FY 1995 MYPP

Westinghouse Hanford Company MILESTONE DESCRIPTION SHEET

Title: Wash and store FFTF irradiated fuel			Date: August 25, 1994
Assigned To: G. B. Griffin <i>GB</i>			CIN:
Program WBS Designator: 7.3.1.1.9.03			Due Date: March 31, 1997
Control Number: B19-97-303			Rev: 0
MILESTONE TYPE: ☐ DOE-HQ ☒ DOE-RL ☐ CONTRACTOR	DIVISION: ☐ State ☐ Federal ☒ DOE ☐ RCRA ☐ TPA Number _____	DELIVERABLE: ☐ Report ☐ Letter ☐ Drawings ☒ Other (specify) Site Management System (SMS) monthly report	ADDRESS TO: ☐ DOE-HQ ☒ DOE-RL ☐ Other (specify)
Milestone Description: This milestone documents progress in irradiated fuel washing and its subsequent dry storage.			
Description of what constitutes completion of this milestone: Completion of this milestone is the completion of washing 36 irradiated fueled components and placing 6 loaded Interim Storage Casks (ISC) into the Interim Storage Area (ISA).			
Cost Account Manager R. K. Hulvey <i>R. K. Hulvey</i> 8/26/94		Program/Project Manager E. F. Loika <i>E. F. Loika</i> 8/26/94	
Program Element Manager E. F. Loika <i>E. F. Loika</i> 8/26/94			

ADVANCED REACTORS WBS 7.3

FY 1995 MYPP

Westinghouse Hanford Company MILESTONE DESCRIPTION SHEET			
Title: Wash and store FFTF irradiated fuel			Date: August 25, 1994
Assigned To: G. B. Griffin <i>GA</i>			CIN:
Program WBS Designator: 7.3.1.1.9.03			Due Date: June 30, 1997
Control Number: B19-97-304			Rev: 0
MILESTONE TYPE:	DIVISION:	DELIVERABLE:	ADDRESS TO:
☐ DOE-HQ ☒ DOE-RL ☐ CONTRACTOR	☐ State ☐ Federal ☒ DOE ☐ RCRA ☐ TPA Number _____	☐ Report ☐ Letter ☐ Drawings ☒ Other (specify) Site Management System (SMS) monthly report	☐ DOE-HQ ☒ DOE-RL ☐ Other (specify)
Milestone Description: This milestone documents progress in irradiated fuel washing and its subsequent dry storage.			
Description of what constitutes completion of this milestone: Completion of this milestone is the completion of washing 36 irradiated fueled components and placing 6 loaded Interim Storage Casks (ISC) into the Interim Storage Area (ISA).			
Cost Account Manager		Program/Project Manager	
R. K. Hulvey <i>R. K. Hulvey</i> 8/26/94		E. F. Loika <i>E. F. Loika</i> 8/26/94	
Program Element Manager			
E. F. Loika <i>E. F. Loika</i> 8/26/94			

ADVANCED REACTORS

WBS 7.3

FY 1995 MYPP

Westinghouse Hanford Company MILESTONE DESCRIPTION SHEET

Title: Wash and store FFTF irradiated fuel			Date: August 25, 1994
Assigned To: G. B. Griffin <i>GB</i>			CIN:
Program WBS Designator: 7.3.1.1.9.03			Due Date: September 30, 1997
Control Number: B19-97-305			Rev: 0
MILESTONE TYPE: ☐ DOE-HQ ☒ DOE-RL ☐ CONTRACTOR	DIVISION: ☐ State ☐ Federal ☒ DOE ☐ RCRA ☐ TPA Number _____	DELIVERABLE: ☐ Report ☐ Letter ☐ Drawings ☒ Other (specify) Site Management System (SMS) monthly report	ADDRESS TO: ☐ DOE-HQ ☒ DOE-RL ☐ Other (specify)
Milestone Description: This milestone documents progress in irradiated fuel washing and its subsequent dry storage.			
Description of what constitutes completion of this milestone: Completion of this milestone is the completion of washing 30 irradiated fueled components and placing 5 loaded Interim Storage Casks (ISC) into the Interim Storage Area (ISA).			
Cost Account Manager R. K. Hulvey <i>R. K. Hulvey</i> <i>8/26/94</i>		Program/Project Manager E. F. Loika <i>E. F. Loika</i> <i>8/26/94</i>	
Program Element Manager E. F. Loika <i>E. F. Loika</i> <i>8/26/94</i>			

ADVANCED REACTORS

FY 1995 MYPP

WBS 7.3

Westinghouse Hanford Company MILESTONE DESCRIPTION SHEET			
Title: Complete SSF CDR and issue to RL for approval			Date: August 23, 1994
Assigned To: C. G. McCargar <i>CGM</i>			CIN:
Program WBS Designator: 7.3.1.1.9.04			Due Date: November 15, 1994
Control Number: B19-95-401			Rev: 0
MILESTONE TYPE: ☐ DOE-HQ ☒ DOE-RL ☐ CONTRACTOR	DIVISION: ☐ State ☐ Federal ☒ DOE ☐ RCRA ☐ TPA Number _____	DELIVERABLE: ☒ Report ☐ Letter ☐ Drawings ☐ Other (specify)	ADDRESS TO: ☐ DOE-HQ ☒ DOE-RL ☐ Other (specify)
Milestone Description: This milestone documents completion of the Conceptual Design Report (CDR) for the new Sodium Storage Facility (SSF) and transmittal to RL for approval.			
Description of what constitutes completion of this milestone: The CDR shall have been completed by the Architect Engineer with a supporting cost estimate and approved by WHC Design Review prior to transmittal to RL. The Preliminary Safety Evaluation (PSE) will have been transmitted previously or, as a minimum, with the CDR.			
Cost Account Manager <i>J. B. Waldo</i> 8/24/94		Program/Project Manager <i>E. F. Loika</i> 8/24/94	
Program Element Manager <i>E. F. Loika</i> 8/24/94			

ADVANCED REACTORS **WBS 7.3**

FY 1995 MYPP

Westinghouse Hanford Company MILESTONE DESCRIPTION SHEET			
Title: Complete reconnection of containment sodium drain line (M94) in accordance with the ASME Traveler			Date: August 23, 1994
Assigned To: C. G. McCargar <i>CGM</i>			CIN:
Program WBS Designator: 7.3.1.1.9.04			Due Date: March 31, 1995
Control Number: B19-95-402			Rev: 0
MILESTONE TYPE:	DIVISION:	DELIVERABLE:	ADDRESS TO:
☐ DOE-HQ ☒ DOE-RL ☐ CONTRACTOR	☐ State ☐ Federal ☒ DOE ☐ RCRA ☐ TPA Number _____	☐ Report ☐ Letter ☐ Drawings ☒ Other (specify) Site Management System (SMS) monthly report	☐ DOE-HQ ☒ DOE-RL ☐ Other (specify)
Milestone Description: This milestone documents completion of the re-installation of a 2-inch piping spool piece in the primary sodium fill and drain header (previously removed after initial sodium fill). This modification is required for transfer the FFTF primary sodium to the new SSF.			
Description of what constitutes completion of this milestone: The piping spool piece has been installed per ASME traveler; a non-destructive examination and leak test of the spool piece installation to verify pressure integrity has been performed; the trace heaters have been installed and tested; and piping insulated.			
Cost Account Manager J. B. Waldo <i>JB Waldo</i> 8/24/94		Program/Project Manager E. F. Loika <i>E F Loika</i> 8/24/94	
Program Element Manager E. F. Loika <i>E F Loika</i> 8/24/94			

ADVANCED REACTORS

WBS 7.3

FY 1995 MYPP

Westinghouse Hanford Company MILESTONE DESCRIPTION SHEET

Title: Determine feasibility of reactor vessel inlet plenum draining		Date: August 23, 1994	
Assigned To: T. M. Burke <i>TMB</i>		CIN:	
Program WBS Designator: 7.3.1.1.9.04		Due Date: August 1, 1995	
Control Number: B19-95-403		Rev: 0	
MILESTONE TYPE: ☐ DOE-HQ ☐ DOE-RL ☒ CONTRACTOR	DIVISION: ☐ State ☐ Federal ☒ DOE ☐ RCRA ☐ TPA Number _____	DELIVERABLE: ☒ Report ☐ Letter ☐ Drawings ☐ Other (specify)	ADDRESS TO: ☐ DOE-HQ ☒ DOE-RL ☐ Other (specify)
Milestone Description: This milestone documents determination of the feasibility of draining the reactor vessel inlet plenum. No capability was provided in the plant design for draining this area. Several concepts are being evaluated before making any recommendations.			
Description of what constitutes completion of this milestone: Submittal of an engineering-approved Supporting Document (SD) to RL that documents the feasibility of performing this drain.			
Cost Account Manager <i>J. B. Waldo</i> <i>8/24/94</i> J. B. Waldo		Program/Project Manager <i>E. F. Loika</i> <i>8/26/94</i> E. F. Loika	
Program Element Manager <i>E. F. Loika</i> <i>8/26/94</i> E. F. Loika			

ADVANCED REACTORS

FY 1995 MYPP

WBS 7.3

Westinghouse Hanford Company MILESTONE DESCRIPTION SHEET

Title: Install reactor vessel immersion heaters

Date:
August 23, 1994Assigned To: J. L. Marshall *JLM*

CIN:

Program WBS Designator: 7.3.1.1.9.04

Due Date:
October 2, 1995

Control Number: B19-96-401

Rev: 0

MILESTONE TYPE:

- ☐ DOE-HQ
☒ DOE-RL
☐ CONTRACTOR

DIVISION:

- ☐ State
☐ Federal
☒ DOE
☐ RCRA
☐ TPA Number

DELIVERABLE:

- ☐ Report
☐ Letter
☐ Drawings
☒ Other (specify)
 Site Management
 System (SMS)
 monthly report

ADDRESS TO:

- ☐ DOE-HQ
☒ DOE-RL
☐ Other (specify)

Milestone Description: This milestone documents completion of the installation of reactor vessel immersion heaters in preparation for sodium drain. The heaters will permit secondary sodium drain without requiring operation of the Nitrogen Blower Heater Unit to maintain reactor vessel temperature.

Description of what constitutes completion of this milestone: Procurement, fabrication and installation of sufficient immersion heating capability in the reactor vessel. The heaters will permit early draining of the secondary sodium system.

Cost Account Manager

Date

J. B. *J. B. Waldo*
Waldo

8/24/94

Program/Project Manager

Date

E. F. Loika *E. F. Loika*

8/26/94

Program Element Manager

Date

E. F. Loika *E. F. Loika*

8/26/94

ADVANCED REACTORS

WBS 7.3

FY 1995 MYPP

Westinghouse Hanford Company MILESTONE DESCRIPTION SHEET

Title: Complete PRC-3 (Readiness Assessment) for sodium drain to SSF.			Date: August 23, 1994
Assigned To: T. M. Burke <i>TMB</i>			CIN:
Program WBS Designator: 7.3.1.1.9.04			Due Date: March 31, 1997
Control Number: B19-97-401			Rev: 0
MILESTONE TYPE: ☐ DOE-HQ ☒ DOE-RL ☐ CONTRACTOR	DIVISION: ☐ State ☐ Federal ☒ DOE ☐ RCRA ☐ TPA Number _____	DELIVERABLE: ☐ Report ☒ Letter ☐ Drawings ☐ Other (specify)	ADDRESS TO: ☐ DOE-HQ ☒ DOE-RL ☐ Other (specify)
Milestone Description: This milestone documents completion of the PRC-3 readiness assessment of the new Sodium Storage Facility (SSF) and FFTF Plant to support initiation of sodium drain. This milestone assumes that a "Design/Build" contract will be issued for SSF.			
Description of what constitutes completion of this milestone: WHC shall have completed all post construction Calibration, Grooming and Alignment (CG&A) and acceptance testing to assure SSF operational readiness for sodium drain. The PRC-3 readiness assessment has been completed.			
Cost Account Manager Date J. B. Waldo <i>J. B. Waldo</i> 8/24/94		Program/Project Manager Date E. F. Loika <i>E. F. Loika</i> 8/26/94	
Program Element Manager Date E. F. Loika <i>E. F. Loika</i> 8/26/94			

ADVANCED REACTORS TRANSITION

WBS 7.3

FY 1995 MYPP

Westinghouse Hanford Company MILESTONE DESCRIPTION SHEET			
Title: Commence sodium drain to SSF			Date: September 12, 1994
Assigned To: G. B. Griffin <i>GBG</i>			CIN:
Program WBS Designator: 7.3.1.1.9.04			Due Date: April 7, 1997
Control Number: B19-97-402			Rev: 0
MILESTONE TYPE:	DIVISION:	DELIVERABLE:	ADDRESS TO:
☐ DOE-HQ ☒ DOE-RL ☐ CONTRACTOR	☐ State ☐ Federal ☒ DOE ☐ RCRA ☐ TPA Number _____	☐ Report ☐ Letter ☐ Drawings ☒ Other (specify) Site Management System (SMS) monthly report	☐ DOE-HQ ☒ DOE-RL ☐ Other (specify)
Milestone Description: This milestone documents completion of all actions to initiate FFTF sodium drain to the new Sodium Storage Facility (SSF). This milestone assumes that a "Design/Build" contract will be issued for SSF.			
Description of what constitutes completion of this milestone: Prerequisites including PRC-3 Readiness Assessment have been completed. Preheat of the SSF tankage, interconnecting piping and transfer piping from FFTF to SSF has been initiated to assure readiness to transfer sodium.			
Cost Account Manager J. B. Waldo <i>JB Waldo</i> 9/12/94		Program/Project Manager E. F. Loika <i>E F Loika</i> 9/13/94	
Program Element Manager E. F. Loika <i>E F Loika</i> 9/13/94			

ADVANCED REACTORS

WBS 7.3

FY 1995 MYPP

Westinghouse Hanford Company MILESTONE DESCRIPTION SHEET

Title: Complete shutdown of Group 1 systems			Date: August 23, 1994
Assigned To: G. B. Griffin <i>GB</i>			CIN:
Program WBS Designator: 7.3.1.1.9.05			Due Date: August 10, 1995
Control Number: B19-95-501			Rev: 0
MILESTONE TYPE: ☐ DOE-HQ ☒ DOE-RL ☐ CONTRACTOR	DIVISION: ☐ State ☐ Federal ☒ DOE ☐ RCRA ☐ TPA Number _____	DELIVERABLE: ☐ Report ☐ Letter ☐ Drawings ☒ Other (specify) System shut down per WHC-SD-FF-SSP-004	ADDRESS TO: ☐ DOE-HQ ☒ DOE-RL ☐ Other (specify)
Milestone Description: This milestone documents that all of the Group 1 systems are shut down.			
Description of what constitutes completion of this milestone: The systems listed in Group 1 in the FFTF Shutdown Program Plan WHC-SD-FF-SSP-004 are shut down per the applicable work document. Shutdown, as used here in title, is defined as placing the systems in a condition which: • Poses no hazards • Requires minimal maintenance • May not place the system in its endstate for D&D; i.e., all fluid drained/flushed, and tanks removed • Cannot be operated • Causes no locked alarms			
Cost Account Manager J. B. Waldo <i>JBW</i> 8/26/94		Program/Project Manager E. F. Loika <i>EFL</i> 8/26/94	
Program Element Manager E. F. Loika <i>EFL</i> 8/26/94			

ADVANCED REACTORS

WBS 7.3

FY 1995 MYPP

Westinghouse Hanford Company MILESTONE DESCRIPTION SHEET

Title: Complete shutdown of Group 2 systems			Date: August 23, 1994
Assigned To: G. B. Griffin <i>GB</i>			CIN:
Program WBS Designator: 7.3.1.1.9.05			Due Date: November 3, 1995
Control Number: B19-96-501			Rev: 0
MILESTONE TYPE: ☐ DOE-HQ ☒ DOE-RL ☐ CONTRACTOR	DIVISION: ☐ State ☐ Federal ☒ DOE ☐ RCRA ☐ TPA Number _____	DELIVERABLE: ☐ Report ☐ Letter ☐ Drawings ☒ Other (specify) System shut down per WHC-SD-FF-SSP-004	ADDRESS TO: ☐ DOE-HQ ☒ DOE-RL ☐ Other (specify)
Milestone Description: This milestone documents that all of the Group 2 systems are shut down.			
Description of what constitutes completion of this milestone: The systems listed in Group 2 in the FFTF Shutdown Program Plan WHC-SD-FF-SSP-004 are shut down per the applicable work document. Shutdown, as used here in title, is defined as placing the systems in a condition which: • Poses no hazards • Requires minimal maintenance • May not place the system in its endstate for D&D; i.e., all fluid drained/flushed, and tanks removed • Cannot be operated • Causes no locked alarms			
Cost Account Manager J. B. Waldo <i>JB Waldo</i> 8/26/94		Program/Project Manager E. F. Loika <i>E F Loika</i> 8/26/94	
Program Element Manager E. F. Loika <i>E F Loika</i> 8/26/94			

ADVANCED REACTORS

WBS 7.3

FY 1995 MYPP

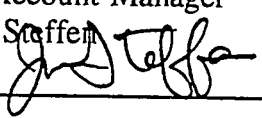
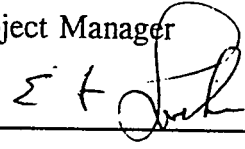
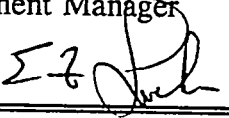
Westinghouse Hanford Company MILESTONE DESCRIPTION SHEET

Title: Complete shutdown transition of the 308 Building			Date: August 23, 1994
Assigned To: A. D. Danko			CIN:
Program WBS Designator: 7.3.1.3.8.02			Due Date: July 31, 1996
Control Number: B68-96-201			Rev: 0
MILESTONE TYPE: ☐ DOE-HQ ☒ DOE-RL ☐ CONTRACTOR	DIVISION: ☐ State ☐ Federal ☒ DOE ☐ RCRA ☐ TPA Number _____	DELIVERABLE: ☐ Report ☒ Letter ☐ Drawings ☐ Other (specify)	ADDRESS TO: ☐ DOE-HQ ☒ DOE-RL ☐ Other (specify)
Milestone Description: The 308 Building has been successfully transitioned to shutdown status. This activity disposes the Test Reactor and Isotope Production, General Atomics (TRIGA™) vessel water and associated defueling equipment.			
Description of what constitutes completion of this milestone: The TRIGA™ vessel water and remaining removable equipment and supplies are removed from the former TRIGA™ fuel storage area, and this area shutdown. This completes the shutdown of all of the 308 Building and closes the building to all entry except for surveillances.			
Cost Account Manager A. D. Danko <i>A. D. Danko</i>		Program/Project Manager E. F. Loika <i>E. F. Loika</i>	
Date 9-1-94		Date 9/2/94	
Program Element Manager E. F. Loika <i>E. F. Loika</i>		Date 9/2/94	

ADVANCED REACTORS **WBS 7.3**

FY 1995 MYPP

Westinghouse Hanford Company **MILESTONE DESCRIPTION SHEET**

Title: Complete NRF TRIGA™ irradiated fuel shipping and storage casks			Date: August 23, 1994
Assigned To: J. M. Steffen			CIN:
Program WBS Designator: 7.3.1.3.9.01			Due Date: August 31, 1995
Control Number: B69-95-101			Rev:
MILESTONE TYPE:	DIVISION:	DELIVERABLE:	ADDRESS TO:
☐ DOE-HQ ☒ DOE-RL ☐ CONTRACTOR	☐ State ☐ Federal ☒ DOE ☐ RCRA ☐ TPA Number _____	☐ Report ☒ Letter ☐ Drawings ☐ Other (specify)	☐ DOE-HQ ☒ DOE-RL ☐ Other (specify)
Milestone Description: This milestone documents the completion of design for six Neutron Radiography Facility (NRF) Test Reactor and Isotope Production, General Atomics (TRIGA™) casks, award of contract, and fabrication. This milestone is contingent upon RL approving an Interim Action Request to start NRF TRIGA™ Casks procurement by November 30, 1994.			
Description of what constitutes completion of this milestone: The six NRF TRIGA™ casks have fabrication completed and one of the casks is on the Hanford Site. Completion of this milestone is contingent on RL approving an Interim Action Request to start NRF TRIGA™ Casks procurement by November 30, 1994.			
Cost Account Manager J. M. Steffen 		Program/Project Manager E. F. Loika 	
Date 9/1/94		Date 7/2/94	
Program Element Manager E. F. Loika 			
Date 7/2/94			

ADVANCED REACTORS

WBS 7.3

FY 1995 MYPP

Westinghouse Hanford Company MILESTONE DESCRIPTION SHEET

Title: Complete removal of TRIGA™ fuel from the 308 Building		Date: August 23, 1994	
Assigned To: J. M. Steffen		CIN:	
Program WBS Designator: 7.3.1.3.9.01		Due Date: January 31, 1996	
Control Number: B69-96-101		Rev: 0	
MILESTONE TYPE: ☐ DOE-HQ ☒ DOE-RL ☐ CONTRACTOR	DIVISION: ☐ State ☐ Federal ☒ DOE ☐ RCRA ☐ TPA Number _____	DELIVERABLE: ☐ Report ☒ Letter ☐ Drawings ☐ Other (specify)	ADDRESS TO: ☐ DOE-HQ ☒ DOE-RL ☐ Other (specify)
Milestone Description: The Test Reactor and Isotope Production, General Atomics (TRIGA™) fuel has been successfully loaded into casks, removed from the 308 Building, shipped to and stored at another location.			
Description of what constitutes completion of this milestone: The TRIGA™ fuel has been removed from the 308 Building.			
Cost Account Manager J. M. Steffen <i>J. M. Steffen</i> 9/1/94		Program/Project Manager E. F. Loika <i>E. F. Loika</i> 9/2/94	
Program Element Manager E. F. Loika <i>E. F. Loika</i> 7/2/94			

ADVANCED REACTORS

FY 1995 MYPP

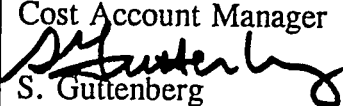
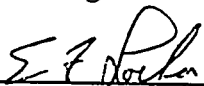
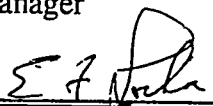
WBS 7.3

Westinghouse Hanford Company MILESTONE DESCRIPTION SHEET			
Title: Offload vessel 1720-DR sodium			Date: August 23, 1994
Assigned To: S. Guttenberg			CIN:
Program WBS Designator: 7.3.1.3.9.03			Due Date: April 1, 1996
Control Number: B69-96-301			Rev: 0
MILESTONE TYPE:	DIVISION:	DELIVERABLE:	ADDRESS TO:
☐ DOE-HQ ☐ DOE-RL ☒ CONTRACTOR	☐ State ☐ Federal ☒ DOE ☐ RCRA ☐ TPA Number _____	☐ Report ☒ Letter ☐ Drawings ☐ Other (specify)	☐ DOE-HQ ☒ DOE-RL ☐ Other (specify)
Milestone Description: Offload sodium from 1720-DR vessel.			
Description of what constitutes completion of this milestone: Notification to RL that sodium offload from 1720-DR vessel is complete.			
Cost Account Manager <i>S. Guttenberg</i> S. Guttenberg		Date 8/24/94	
Program/Project Manager E. F. Loika		Date 8/26/94	
Program Element Manager E. F. Loika		Date 8/26/94	

ADVANCED REACTORS

WBS 7.3

FY 1995 MYPP

Westinghouse Hanford Company MILESTONE DESCRIPTION SHEET			
Title: Offload vessel 3718-M sodium			Date: August 23, 1994
Assigned To: S. Guttenberg			CIN:
Program WBS Designator: 7.3.1.3.9.03			Due Date: September 30, 1996
Control Number: B69-96-302			Rev: 0
MILESTONE TYPE:	DIVISION:	DELIVERABLE:	ADDRESS TO:
☐ DOE-HQ ☐ DOE-RL ☒ CONTRACTOR	☐ State ☐ Federal ☒ DOE ☐ RCRA ☐ TPA Number _____	☐ Report ☒ Letter ☐ Drawings ☐ Other (specify)	☐ DOE-HQ ☒ DOE-RL ☐ Other (specify)
Milestone Description: Offload sodium from 3718-M vessel.			
Description of what constitutes completion of this milestone: Notification to RL that sodium offload from 3718-M vessel is complete.			
Cost Account Manager  S. Guttenberg		Date 8/24/94	
Program/Project Manager E. F. Loika		Date  8/24/94	
Program Element Manager E. F. Loika		Date  8/26/94	

ADVANCED REACTORS

WBS 7.3

FY 1995 MYPP

Westinghouse Hanford Company MILESTONE DESCRIPTION SHEET

Title: Complete ISA design		Date: August 23, 1994	
Assigned To: J. L. Marshall <i>JLM</i>		CIN:	
Program WBS Designator: 7.3.1.2.9.01		Due Date: February 13, 1995	
Control Number: B99-95-101		Rev: 0	
MILESTONE TYPE: ☐ DOE-HQ ☒ DOE-RL ☐ CONTRACTOR	DIVISION: ☐ State ☐ Federal ☒ DOE ☐ RCRA ☐ TPA Number _____	DELIVERABLE: ☐ Report ☐ Letter ☐ Drawings ☒ Other (specify) Site Management System (SMS) monthly report	ADDRESS TO: ☐ DOE-HQ ☒ DOE-RL ☐ Other (specify)
Milestone Description: This milestone documents the completion of the Interim Storage Area (ISA) design.			
Description of what constitutes completion of this milestone: Completion of this milestone is the release of detail drawings for the ISA.			
Cost Account Manager R. K. Hulvey <i>R. K. Hulvey</i> Date 8/24/94		Program/Project Manager E. F. Loika <i>E. F. Loika</i> Date 8/24/94	
Program Element Manager E. F. Loika <i>E. F. Loika</i> Date 8/24/94			

ADVANCED REACTORS

WBS 7.3

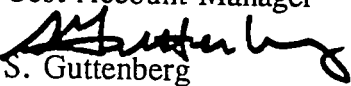
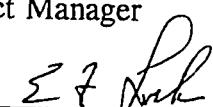
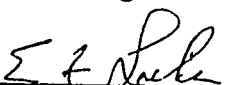
FY 1995 MYPP

Westinghouse Hanford Company MILESTONE DESCRIPTION SHEET

Title: Complete ISA construction			Date: August 23, 1994
Assigned To: J. L. Marshall <i>JLM</i>			CIN:
Program WBS Designator: 7.3.1.2.9.01			Due Date: June 27, 1995
Control Number: B99-95-102			Rev: 0
MILESTONE TYPE: ☐ DOE-HQ ☐ DOE-RL ☒ CONTRACTOR	DIVISION: ☐ State ☐ Federal ☒ DOE ☐ RCRA ☐ TPA Number _____	DELIVERABLE: ☐ Report ☐ Letter ☐ Drawings ☒ Other (specify) Site Management System (SMS) monthly report	ADDRESS TO: ☐ DOE-HQ ☒ DOE-RL ☐ Other (specify)
Milestone Description: This milestone documents the completion of Interim Storage Area (ISA) construction.			
Description of what constitutes completion of this milestone: Completion of construction turnover of the ISA from KEH to WHC.			
Cost Account Manager <i>J. B. Waldo</i> <i>JBW</i> <i>8/24/94</i>		Program/Project Manager <i>E. F. Loika</i> <i>EFL</i> <i>8/26/94</i>	
Program Element Manager <i>E. F. Loika</i> <i>EFL</i> <i>8/26/94</i>			

ADVANCED REACTORS **WBS 7.3**

FY 1995 MYPP

Westinghouse Hanford Company MILESTONE DESCRIPTION SHEET			
Title: Complete PFP design to store unirradiated FFTF fuel			Date: August 23, 1994
Assigned To: S. Guttenberg			CIN:
Program WBS Designator: 7.3.1.2.9.02			Due Date: April 2, 1997
Control Number: B99-97-201			Rev: 0
MILESTONE TYPE: ☐ DOE-HQ ☒ DOE-RL ☐ CONTRACTOR	DIVISION: ☐ State ☐ Federal ☒ DOE ☐ RCRA ☐ TPA Number _____	DELIVERABLE: ☒ Report ☐ Letter ☐ Drawings ☐ Other (specify)	ADDRESS TO: ☐ DOE-HQ ☒ DOE-RL ☐ Other (specify)
Milestone Description: Complete design of Plutonium Finishing Plant (PFP) modifications for storage of clean, unirradiated FFTF fuel.			
Description of what constitutes completion of this milestone: Submit final design of PFP modifications to store clean, unirradiated FFTF fuel at PFP to RL for approval.			
Cost Account Manager  S. Guttenberg		Program/Project Manager E. F. Loika 	
Program Element Manager E. F. Loika 		Date 8/24/94	
Date 8/26/94		Date 8/26/94	

ADVANCED REACTORS

WBS 7.3

FY 1995 MYPP

Westinghouse Hanford Company MILESTONE DESCRIPTION SHEET

Title: Complete SSF definitive design			Date: August 23, 1994
Assigned To: C. G. McCargar <i>CGM</i>			CIN:
Program WBS Designator: 7.3.1.2.9.03			Due Date: November 30, 1995
Control Number: B99-96-301			Rev: 0
MILESTONE TYPE: ☐ DOE-HQ ☒ DOE-RL ☐ CONTRACTOR	DIVISION: ☐ State ☐ Federal ☒ DOE ☐ RCRA ☐ TPA Number _____	DELIVERABLE: ☐ Report ☒ Letter ☐ Drawings ☐ Other (specify)	ADDRESS TO: ☐ DOE-HQ ☒ DOE-RL ☐ Other (specify)
Milestone Description: This milestone documents completion of the new Sodium Storage Facility (SSF) design utilizing a "Design/Build" Architect Engineer (AE). This milestone includes completion of a formal design review, constructability review, and appropriate Washington State (WA) Department of Health (Clean Air Act) review and release of the final drawings and construction specifications.			
Description of what constitutes completion of this milestone: Sodium Storage Facility final drawings and construction specifications released. \$16.4 million Capital funding must have DOE authorization by November 1994 to support awarding an AE contract to prepare the SSF definitive design drawings and specifications. Subject to the availability of funding, it is planned that a single fixed-price contractor will both design and construct the facility. Prior to site preparation activities in FY 1995, the NEPA process must be completed (FONSI issued) and approval for construction obtained from the WA Departments of Ecology and Health.			
Cost Account Manager <i>J. B. Waldo</i> <i>JBW</i> <i>8/25/94</i>		Program/Project Manager <i>E. F. Loika</i> <i>EFL</i> <i>8/26/94</i>	
Program Element Manager <i>E. F. Loika</i> <i>EFL</i> <i>8/26/94</i>			

ADVANCED REACTORS

WBS 7.3

FY 1995 MYPP

Westinghouse Hanford Company MILESTONE DESCRIPTION SHEET

Title: Complete installation of sodium transfer line from FFTF to SSF		Date: August 23, 1994	
Assigned To: C. G. McCargar <i>CGM</i>		CIN:	
Program WBS Designator: 7.3.1.2.9.03		Due Date: September 30, 1996	
Control Number: B99-96-302		Rev: 0	
MILESTONE TYPE: ☐ DOE-HQ ☒ DOE-RL ☐ CONTRACTOR	DIVISION: ☐ State ☐ Federal ☒ DOE ☐ RCRA ☐ TPA Number _____	DELIVERABLE: ☐ Report ☐ Letter ☐ Drawings ☒ Other (specify) Site Management System (SMS) monthly report	ADDRESS TO: ☐ DOE-HQ ☒ DOE-RL ☐ Other (specify)
Milestone Description: This milestone documents completion of the design and installation of new trace heated sodium piping, including pipe hangers, from the existing FFTF primary/secondary fill header to the Sodium Storage Facility (SSF). This piping establishes the flow path for draining the FFTF primary in-containment sodium and secondary sodium to the new SSF.			
Description of what constitutes completion of this milestone: The piping has been installed; a non-destructive examination and leak test of the piping to verify pressure integrity performed; the trace heaters installed and tested; and the piping insulated.			
Cost Account Manager J. B. Waldo <i>JB Waldo</i> 8/24/94		Program/Project Manager E. F. Loika <i>EF Loika</i> 8/24/94	
Program Element Manager E. F. Loika <i>EF Loika</i> 8/24/94			

ADVANCED REACTORS **WBS 7.3**

FY 1995 MYPP

Westinghouse Hanford Company MILESTONE DESCRIPTION SHEET			
Title: Complete installation of sodium drain line to FSF.			Date: August 23, 1994
Assigned To: C. G. McCargar <i>CGM/smy</i>			CIN:
Program WBS Designator: 7.3.1.2.9.03			Due Date: December 1, 1996
Control Number: B99-97-301			Rev: 0
MILESTONE TYPE:	DIVISION:	DELIVERABLE:	ADDRESS TO:
☐ DOE-HQ ☒ DOE-RL ☐ CONTRACTOR	☐ State ☐ Federal ☒ DOE ☐ RCRA ☐ TPA Number _____	☐ Report ☐ Letter ☐ Drawings ☒ Other (specify) Site Management System (SMS) monthly report	☐ DOE-HQ ☒ DOE-RL ☐ Other (specify)
Milestone Description: This milestone documents completion of the design and installation of new trace heated sodium piping, including piping hangers, from the existing FFTF primary/secondary fill header to the Fuel Storage Facility (FSF). This piping establishes the flow path for draining the FSF to the new Sodium Storage Facility (SSF).			
Description of what constitutes completion of this milestone: The piping has been installed; a non-destructive examination and leak test of the piping to verify pressure integrity performed; the trace heaters installed and tested; and the piping insulated.			
Cost Account Manager J. B. Waldo <i>JBWaldo</i> 8/24/94		Program/Project Manager E. F. Loika <i>EFLoika</i> 8/24/94	
Program Element Manager E. F. Loika <i>EFLoika</i> 8/24/94			

ADVANCED REACTORS

WBS 7.3

FY 1995 MYPP

Westinghouse Hanford Company MILESTONE DESCRIPTION SHEET

Title: Complete SSF construction and turnover to WHC			Date: August 23, 1994
Assigned To: C. G. McCargar <i>CG McCargar</i>			CIN:
Program WBS Designator: 7.3.1.2.9.03			Due Date: January 30, 1997
Control Number: B99-97-302			Rev: 0
MILESTONE TYPE: ☐ DOE-HQ ☒ DOE-RL ☐ CONTRACTOR	DIVISION: ☐ State ☐ Federal ☒ DOE ☐ RCRA ☐ TPA Number _____	DELIVERABLE: ☐ Report ☐ Letter ☐ Drawings ☒ Other (specify) Site Management System (SMS) monthly report	ADDRESS TO: ☐ DOE-HQ ☒ DOE-RL ☐ Other (specify)
Milestone Description: This milestone documents completion of construction and turnover of the new Sodium Storage Facility (SSF) to WHC.			
Description of what constitutes completion of this milestone: Complete construction and turnover of new Sodium Storage Facility adjacent to the FFTF plant. Work scope encompasses site preparation; transporting four Clinch River Breeder Reactor (CRBR) tanks (3-80,000 gallons and 1-52,000 gallons) from the 300 Area storage site to FFTF; constructing building foundation and sodium catch pan; installing tanks; constructing SSF building; installing piping/tank trace heating system, controls and insulation; and performing system leak tests and trace heating system tests followed by turnover to WHC. Capital funding of \$16.4 million identified in the Resource Loaded Schedule (RLS) must be provided by DOE.			
Cost Account Manager _____ Date _____ J. B. Waldo <i>JB Waldo</i> 8/25/94		Program/Project Manager _____ Date _____ E. F. Loika <i>E F Loika</i> 8/26/94	
Program Element Manager _____ Date _____ E. F. Loika <i>E F Loika</i> 8/26/94			

ADVANCED REACTORS TRANSITION

WBS 7.3

FY 1995 MYPP

Westinghouse Hanford Company MILESTONE DESCRIPTION SHEET			
Title: Complete CG&A of Solid Waste Transfer Pit			Date: September 12, 1994
Assigned To: D. M. Romrell <i>DMR</i>			CIN: ART-E94-064
Program WBS Designator: 7.3.1.1.8.10			Due Date: April 1, 1995
Control Number: B13-94-613			Rev: 7
MILESTONE TYPE:	DIVISION:	DELIVERABLE:	ADDRESS TO:
☐ DOE-HQ ☒ DOE-RL ☐ CONTRACTOR	☐ State ☐ Federal ☒ DOE ☐ RCRA ☐ TPA Number _____	☐ Report ☐ Letter ☐ Drawings ☒ Other (specify) Site Management System (SMS) monthly report	☐ DOE-HQ ☒ DOE-RL ☐ Other (specify)
Milestone Description: This milestone documents completion of the calibration, grooming and alignment (CG&A) procedure on the Solid Waste Transfer Pit (SWTP) electrical systems in the FFTF Reactor Service Building (RSB).			
Description of what constitutes completion of this milestone: WHC shall have completed the electrical CG&A testing of the SWTP in the FFTF RSB. This will prepare the SWTP for acceptance testing.			
Cost Account Manager <i>L. B. Waldo</i> L. B. Waldo		Date 9/14/94	
Program/Project Manager E. F. Loika		Date 9/14/94	
Program Element Manager E. F. Loika		Date 9/14/94	

ADVANCED REACTORS TRANSITION

WBS 7.3

FY 1995 MYPP

2.H. Cost Baseline Summary (\$ In Thousands)									
Program Element/ADS #	Fund Type (OP, LI, CE, GPP, ADS)	FY 1995 SMS Guidance	FY 1996 Plan	FY 1997 Plan	FY 1998 Plan	FY 1999 Plan	FY 2000 Plan	FY 2001 Plan	
6640	OP	54,230	50,282	60,652	42,412	38,469	34,136	18,750	
6640	CE	102	210	217	226	233	121	62	
6641	OP	3,850	3,991	2,761	2,278	3,352	3,343	3,238	
6642	LI	5,418	11,217	2,270	12,384	12,446	0	0	
Total Program Cost Summary	OP	58,080	54,273	63,413	44,690	41,821	37,479	21,988	
	CE	102	210	217	226	233	121	62	
	GPP								
	LI	5,418	11,217	2,270	12,384	12,446	0	0	
Grand Totals		63,600	65,700	65,900	57,300	54,500	37,600	22,050	

In FY 1995, \$10.3M of the \$63.6M is carryover funding from FY 1994. Approximately \$3.3M of the carryover funds are committed in an existing FY93 contract.

ADVANCED REACTORS TRANSITION

WBS 7.3

FY 1995 MYPP

FOR THE EXECUTION YEAR - FY 1995 PROVIDE A BRIEF NARRATIVE FOR EACH OF THE FOLLOWING:

PLANS FOR WASTE STORAGE:

All waste types forecasted will be accumulated in accordance with appropriate regulations and procedures. The waste will be accumulated at or near the generation point, and when the waste container is full it will be shipped to the appropriate Westinghouse Hanford facility for disposition or permitted storage.

PLANS FOR INTER-PROGRAM WASTE TRANSFER AND/OR DISPOSITION:

The waste will be located at the FFTF facility until the waste container is full and ready for shipment. The waste container will then have the appropriate shipment documentation completed, and will be transferred to the respective Westinghouse Hanford waste storage facility for disposition.

SUMMARY WASTE TYPE ISSUES:

The forecast is based on a seven year shutdown schedule. This includes waste generated during plant maintenance and shutdown activities.

During plant shutdown, the sodium coolant will be drained and stored in tanks. Sodium disposition will be determined at a later date.

The fuel, which has not been declared waste at this time, will be placed in concrete shielded casks for disposal at a future time.

Large quantities of ethylene glycol and unused diesel fuel are expected to be reused or sold as excess products.

ADVANCED REACTORS TRANSITION WBS 7.3

FY 1995 MYPP

Program: Advanced Reactors Transition

Quantify waste by appropriate waste quantity (e.g. cubic meters, gallons, kilograms, etc.) for the **EXECUTION YEAR - FY 1995** for the following **WASTE TYPES** for expected waste generation, receipt, transfer, and storage:

2.J.1. Waste Type Projections - FY 1995				
Waste Type	Waste Generated (waste unit, e.g., gallons)	Waste Received (waste unit, and name of program received from)	Waste Transferred (waste unit and name of program transferred from)	Waste Stored (waste unit)
HLW				
LLW (SOLID)	507 ft ³ (CH LLW I) 561 ft ³ (RH LLW III)	-0- -0-	507 ft ³ - From FFTF to CWC 561 ft ³ - From FFTF to CWC	-0- -0-
LLW (LIQUID)				
LLMW (SOLID)				
LLMW (LIQUID)				
LLW-(GTC3)				
TRU				
TRUM				
HAZARDOUS	101 ft ³	-0-	101 ft ³ - From FFTF to Bldg. 616	
SANITARY (LANDFILL)	10,252 ft ³	-0-	10,252 ft ³ - From FFTF to Sanitary Landfill	
SANITARY (LANDFILL-ASBESTOS)				

Key: HLW = High Level Waste; LLW = Low Level Waste; LLMW = Low Level Mixed Waste; TRU = Transuranic; TRUM = Transuranic Mixed; CH = Contact Handled;
RH = Remote Handled; CWC = Central Waste Complex; I or III = Category of Radionuclide Concentration Limits

FY 1995 MYPP

ADVANCED REACTORS TRANSITION WBS 7.3

Program: Advanced Reactors Transition

Quantify waste by appropriate waste quantity (e.g. cubic meters, gallons, kilograms, etc.) for FY 1996 for the following WASTE TYPES for expected waste generation, receipt, transfer, and storage:

2.J.2. Waste Type Projections - FY 1996				
Waste Type	Waste Generated (waste unit, e.g., gallons)	Waste Received (waste unit, and name of program received from)	Waste Transferred (waste unit and name of program transferred from)	Waste Stored (waste unit)
HLW				
LLW (SOLID)	507 ft ³ (CH LLW I) 561 ft ³ (RH LLW III)	-0- -0-	507 ft ³ - From FFTF to CWC 561 ft ³ - From FFTF to CWC	-0- -0-
LLW (LIQUID)				
LLMW (SOLID)				
LLMW (LIQUID)				
LLW (GTC3)				
TRU				
TRUM				
HAZARDOUS	101 ft ³	-0-	101 ft ³ - From FFTF to Bldg. 616	-0-
SANITARY (LANDFILL)	10,252 ft ³	-0-	10,252 ft ³ - From FFTF to Sanitary Landfill	-0-
SANITARY (LANDFILL-ASBESTOS)				

Key: HLW = High Level Waste; LLW = Low Level Waste; LLMW = Low Level Mixed Waste; TRU = Transuranic; TRUM = Transuranic Mixed; CH = Contact Handled;
RH = Remote Handled; CWC = Central Waste Complex; I or III = Category of Radionuclide Concentration Limits

ADVANCED REACTORS TRANSITION

FY 1995 MYPP

WBS 7.3

FOR THE YEAR FY 1996, PROVIDE A BRIEF NARRATIVE FOR EACH OF THE FOLLOWING:

PLANS FOR WASTE STORAGE:

All waste types forecasted will be accumulated in accordance with appropriate regulations and procedures. The waste will be accumulated at or near the generation point, and when the waste container is full it will be shipped to the appropriate Westinghouse Hanford facility for disposition or permitted storage.

PLANS FOR INTER-PROGRAM WASTE TRANSFER AND/OR DISPOSITION:

The waste will be located at the FFTF facility until the waste container is full and ready for shipment. The waste container will then have the appropriate shipment documentation completed, and will be transferred to the respective Westinghouse Hanford waste storage facility for disposition.

SUMMARY WASTE TYPE ISSUES:

The forecast is based on a seven year shutdown schedule. This includes waste generated during plant maintenance and shutdown activities.

During plant shutdown, the sodium coolant will be drained and stored in tanks. Sodium disposition will be determined at a later date.

The fuel, which has not been declared waste at this time, will be placed in concrete shielded casks for disposal at a future time.

Large quantities of ethylene glycol and unused diesel fuel are expected to be reused or sold as excess products.

ADVANCED REACTORS TRANSITION

WBS 7.3

FY 1995 MYPP

Program: Advanced Reactors Transition

Quantify waste by appropriate waste quantity (e.g. cubic meters, gallons, kilograms, etc.) for FY 1997 for the following WASTE TYPES for expected waste generation, receipt, transfer, and storage:

2.J.3. Waste Type Projections - FY 1997				
Waste Type	Waste Generated (waste unit, e.g., gallons)	Waste Received (waste unit, and name of program received from)	Waste Transferred (waste unit and name of program transferred from)	Waste Stored (waste unit)
HLW				
LLW (SOLID)	507 ft ³ (CH LLW I) 561 ft ³ (RH LLW III)	-0- -0-	507 ft ³ - From FFTF to CWC 561 ft ³ - From FFTF to CWC	-0- -0-
LLW (LIQUID)				
LLMW (SOLID)				
LLMW (LIQUID)				
LLW GTC3				
TRU				
TRUM				
HAZARDOUS	101 ft ³	-0-	101 ft ³ - From FFTF to Bldg. 616	-0-
SANITARY (LANDFILL)	10,252 ft ³	-0-	10,252 ft ³ - From FFTF to Sanitary Landfill	-0-
SANITARY (LANDFILL-ASBESTOS)				

Key: HLW = High Level Waste; LLW = Low Level Waste; LLMW = Low Level Mixed Waste; TRU = Transuranic; TRUM = Transuranic Mixed; CH = Contact Handled;
RH = Remote Handled; CWC = Central Waste Complex; I or III = Category of Radionuclide Concentration Limits

ADVANCED REACTORS TRANSITION

WBS 7.3

FY 1995 MYPP

FOR THE YEAR FY 1997, PROVIDE A BRIEF NARRATIVE FOR EACH OF THE FOLLOWING:

PLANS FOR WASTE STORAGE:

All waste types forecasted will be accumulated in accordance with appropriate regulations and procedures. The waste will be accumulated at or near the generation point, and when the waste container is full it will be shipped to the appropriate Westinghouse Hanford facility for disposition or permitted storage.

PLANS FOR INTER-PROGRAM WASTE TRANSFER AND/OR DISPOSITION:

The waste will be located at the FFTF facility until the waste container is full and ready for shipment. The waste container will then have the appropriate shipment documentation completed, and will be transferred to the respective Westinghouse Hanford waste storage facility for disposition.

SUMMARY WASTE TYPE ISSUES:

The forecast is based on a seven year shutdown schedule. This includes waste generated during plant maintenance and shutdown activities.

During plant shutdown, the sodium coolant will be drained and stored in tanks. Sodium disposition will be determined at a later date.

The fuel, which has not been declared waste at this time, will be placed in concrete shielded casks for disposal at a future time.

Large quantities of ethylene glycol and unused diesel fuel are expected to be reused or sold as excess products.

ADVANCED REACTORS TRANSITION

WBS 7.3

FY 1995 MYPP

Program: Advanced Reactors Transition

Quantify waste by appropriate waste quantity (e.g. cubic meters, gallons, kilograms, etc.) for the years FY 1998 - 2025 for the following WASTE TYPES for expected waste generation, receipt, transfer, and storage:

2.J.4. Waste Type Projections ~ FY 1998-2025				
Waste Type	Waste Generated (waste unit, e.g., gallons)	Waste Received (waste unit, and name of program received from)	Waste Transferred (waste unit and name of program transferred from)	Waste Stored (waste unit)
HLW				
LLW (SOLID)	507 ft ³ (CH LLW I)	-0-	507 ft ³ - From FFTF to CWC	-0-
LLW (LIQUID)				
LLMW (SOLID)				
LLMW (LIQUID)				
LLW GTC3				
TRU				
TRUM				
HAZARDOUS	101 ft ³	-0-	101 ft ³ - From FFTF to Bldg. 616	-0-
SANITARY (LANDFILL)	10,252 ft ³	-0-	10,252 ft ³ - From FFTF to Sanitary Landfill	-0-
SANITARY (LANDFILL-ASBESTOS)				

Key: HLW = High Level Waste; LLW = Low Level Waste; LLMW = Low Level Mixed Waste; TRU = Transuranic; TRUM = Transuranic Mixed; CH = Contact Handled; RH = Remote Handled; CWC = Central Waste Complex; I or III = Category of Radionuclide Concentration Limits

ADVANCED REACTORS TRANSITION WBS 7.3

FY 1995 MYPP

WHC-SD-FF-SSP-052

NOTE: Job Family Only After 1996

2.K. Planned Staffing (Full Time Equivalent)										
JOB FAMILY	1995	1996	1997	1998	1999	2000	2001			
Job category										
MANAGERS	40	40	39	39	32	17	12			
First line	35	35								
General/Executive	2	2								
Project/Program	3	3								
Other										
ENGINEERS	161	168	160	159	131	69	44			
Chemical	1	1								
Civil										
Computer	3	3								
Electrical	22	23								
Environmental	3	3								
Industrial	5	5								
Mechanical	33	33								
Nuclear	3	3								
Petroleum/Mining										
Plant	60	60								
Quality Control	5	5								
Safety	2	2								
Other	24	30								
SCIENTISTS	1	1	0	0	0	0	0			
Chemists	1	1								
Environmental										
Geologists										
Life										
Material										
Mathematicians										

ADVANCED REACTORS TRANSITION WBS 7.3

FY 1995 MYPP

NOTE: Job Family Only After 1996

2.K. Planned Staffing (Full Time Equivalent)										
Physicists										
Social										
Other										
ADMIN/OTHER PROFESSIONALS	25	24	24	24	24	22	13			13
Accountant/Auditor	3	3								
Architect										
Buyers/Procurement	2	2								
Communications										
Compliance Inspectors										
Computer System Analyst										
Cost Estimator/Planner/Scheduler										
Health Physics	1	1								
Industrial Hygiene	1	1								
Lawyers										
Personnel/Labor Relations										
Physicians										
Physician Assistant/Nurse										
Safeguard & Security	8	7								
Technical Writers & Editor	2	2								
Trainers	8	8								
Other										
GEN ADM/SECRETARY/CLERK	35	36	35	35	35	30	16			10
Administrative Assistants	6	7								
Office Clerks (General)	12	12								
Office Clerks (Special)	5	5								
Secretaries	12	12								
Typist/Word Processing										
Other										

ADVANCED REACTORS TRANSITION

WBS 7.3

FY 1995 MYPP

WHC-SD-FF-SSP-052

NOTE: Job Family Only After 1996

2.K. Planned Staffing (Full Time Equivalent)									
TECHNICIANS	17	16	15	15	15	15	11	9	
Computer Operator/Coder									
Drafters									
Engineers/Technicians									
Envir Sci Technicians									
Health Physics Technicians	7	7							
Industrial Safety/Health Technician									
Instrument/Control Technician	8	8							
Lab Technicians									
Media Technicians									
Survey/Map Technicians									
Other	2	1							
CRAFTS	43	32	28	31	26	20	11		
Carpenters	1	1							
Electricians	11	9							
HVAC	2	2							
Machinists	1	1							
Masons									
Millwrights	8	5							
Painters	2	1							
Plumbers/Pipefitters	6	7							
Structural/Metal Workers	6	3							
Vehicle/Mobile Equip Mechanic									
Welders	1	1							
Other	5	2							

ADVANCED REACTORS TRANSITION

WBS 7.3

FY 1995 MYPP

NOTE: Job Family Only After 1996

2.K. Planned Staffing (Full Time Equivalent)		50	47	51	36	34	31
OPERATORS	38						
Chemical System							
Drillers							
Light Vehicle Drivers	8	8					
Material Moving Equipment							
Nuclear Plant	23	23					
Utilities Waste Processing	4	4					
Other	3	15					
LABOR & GENERAL WORKERS	13	13	13	13	14	5	5
Firefighters							
Food Service							
Hand/Help Lab Gen							
Hand/Help Lab Spec							
Janitors/Cleaners	6	6					
Laundry Workers							
Hanford Patrol	7	7					
Other							
GRAND TOTAL OF JOB FAMILIES*	373	380	361	367	306	185	135

* FTEs in this chart are based on the 6/27/94 FFTF Shutdown Project RLS and 8/94 data for Nuclear Energy Legacies (WBS 7.3.1.3). The FTEs will change when the RLS is updated on 10/31/94 by Formal Change Control.

ADVANCED REACTORS TRANSITION

FY 1995 MYPP

WBS 7.3

2.L. Building Blocks

FY 1995 Building Blocks (\$ In Millions)						
ADS	Description	RL Pri	Fund Type	FY 1995	CUM FY 1995	Justification of Scope/Impact if not funded
6640	FFTF Base (minsafe)	A2	0	31.186	31.186	Safe facility requirements not achieved
6640	FFTF SAS (minsafe)	A2	0	1.854	33.040	Safe facility requirements not achieved
6640	FFTF CENTRC (minsafe)	A2	C	0.102	33.142	Safe facility requirements not achieved
6641	308 Bldg. Surveillance	B1	0	0.531	33.673	Building OSR violations and environmental compliance issues
6641	308 Bldg. Operations	A2	0	0.389	34.062	Delays 308 Building closure
6641	Legacy Occupancy	A2	0	0.561	34.623	Safe facility requirements not achieved
6640	FFTF Shutdown Project Office	A2	0	1.638	36.261	Direction and coordination of shutdown effort not provided
6640	Fuel Offload	A2	0	3.817	40.078	Delay in achieving FFTF Shutdown
6640	Na/Nak Removal & Sys S/D	A2	0	1.744	41.822	Delay in achieving FFTF Shutdown
6640	Support Systems S/D	A2	0	0.356	42.178	Delay in achieving FFTF Shutdown
6640	Support Functions	A2	0	7.486	49.665	Delay in achieving FFTF Shutdown
6641	NE Legacies	B2	0	1.007	50.672	Disposition of legacy facilities suspended
6641	TRIGAM™ Fuel disposition	B2	0	1.069	51.741	Delays 308 Bldg. closure, TRIGAM™ fuel remains in 308
6642	Interim Storage Area	A2	C	0.218	51.958	Delay in achieving FFTF Shutdown
6640	Fuel Storage Casks ¹	A2	0	6.149	58.107	Delay in achieving FFTF Shutdown
6642	Sodium Storage Facility	A2	C	5.200	63.307	Delay in achieving FFTF Shutdown
6641	RCRA Closure Actions	B1	0	0.293	63.600	Does not support TPA M/S M-20-00
				Grand Total 63.600 ²		

¹\$3.3M of the Fuel Storage Casks budget is committed to an existing contract.

²The difference between the \$63.6M Budget and the \$61.3M Funding will be resolved through the Cost Reduction Initiative.

ADVANCED REACTORS TRANSITION WBS 7.3

FY 1995 MYPP

4.A.1. Cost Baseline Summary/Program Element - Operating Expense

RL WBS	WBS TITLE	ABS NUMBER	ADS TITLE	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
7.3.1.1	FFTF	6640	FFTF													54,230
7.3.1.3	Nuclear Energy Legacies	6641	Nuclear Energy Legacies													3,850
															Total	58,080

Monthly forecast information is available in the current Resource Loaded Schedule (RLS) and will be included in this chart after the scheduled update to the RLS on 10/31/94, by formal change control.

FY 1995 MYPP

4.A.2. Program Summary/Cost Element - Operating Expense

[illegible]

Monthly forecast information is available in the current Resource Loaded Schedule (RLS) and will be included in this chart after the scheduled update to the RLS on 10/31/94, by formal change control.

ADVANCED REACTORS TRANSITION WBS 7.3

FY 1995 MYPP

4.A.3. Cost Baseline Summary - CENRTC

RL WBS	WBS TITLE	ABS NUMBER	ADS TITLE	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
7.3.1.1	FFTF	6640	FFTF						20		20	20	20	10	12	102

In addition, \$349K of the prior year uncoded CENRTC has been designated to support FFTF shutdown requirements.

ADVANCED REACTORS TRANSITION
WBS 7.3

FY 1995 MYPP

4.A.4. Cost Baseline Summary - GPP

RL WBS	WBS TITLE	ABS NUMBER	ADS TITLE	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
No GPP funds are budgeted for FY 1995																

ADVANCED REACTORS TRANSITION
WBS 7.3

FY 1995 MYPP

4.A.5. Cost Baseline Summary - Line Item

RL WBS	WBS TITLE	ABS NUMBER	ADS TITLE	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
7.3.1.2	FFTF Shutdown Construction	6642	FFTF Shutdown Construction											5,418

Monthly forecast information is available in the current Resource Loaded Schedule (RLS) and will be included in this chart after the scheduled update to the RLS on 10/31/94, by formal change control.

ADVANCED REACTORS TRANSITION WBS 7.3

FY 1995 MYPP

4.B. Program Funding

RL WBS	WBS TITLE	ABS NUMBER	ADS TITLE	FUND TYPE	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
7.3.1.1	FFTF	6640	FFTF	OP CE													54,230 102
7.3.1.3	Nuclear Energy Legacies	6641	Nuclear Energy Legacies	OP													3,850
7.3.1.2	FFTF Shutdown Construction	6642	FFTF Shutdown Construction	LI													5,418
Total																	58,080

Monthly forecast information is available in the current Resource Loaded Schedule (RLS) and will be included in this chart after the scheduled update to the RLS on 10/31/94, by formal change control.

OP = Operating Expense CE = CENRTC LI = Line Item

ADVANCED REACTORS TRANSITION WBS 7.3

FY 1995 MYPP

4.B.1. PROGRAM FUNDING - BY WBS				MANAGER	BUDGET VALUES (\$000)		
1995 SITE RL-WBS CODES	1995 WHC-FDS CODES	LEVEL	TITLE		PROGRAM ELEMENT	ACTIVITY	COST ACCOUNT
7.3.1.1	1B1	ELEMENT	FFTF (ADS 6640)	Loika			
7.3.1.1	1B1	END FUNCTION	FFTF	Loika	54,332		
7.3.1.1.7	1B17	ACTIVITY	Program Integration	Loika		1,638	
7.3.1.1.7.01	1B1701	CA	S/D Project Office	Guttenberg			1,638
7.3.1.1.8	1B18	ACTIVITY	Surveillance & Maintenance	Loika		33,142	
7.3.1.1.8.01	2B1801	CA	CENRTC	Waldo			102
7.3.1.1.8.07	1B1807	CA	Operations	Griffin			8,089
7.3.1.1.8.08	1B1808	CA	Consumables	Griffin			3,890
7.3.1.1.8.09	1B1809	CA	Supp. Functions	Guttenberg			4,016
7.3.1.1.8.10	1B1810	CA	Engineering	Waldo			5,886
7.3.1.1.8.11	1B1811	CA	Maintenance	Boehnke			7,399
7.3.1.1.8.12	1B1812	CA	Work Control	Hulvey			1,906
7.3.1.1.8.13	1B1813	CA	Safeguards And Security	Walton			1,854
7.3.1.1.9	1B19	ACTIVITY	Deactivation/Compliance	Loika		19,552	
7.3.1.1.9.02	1B1902	CA	Support Functions S/D	Guttenberg			7,486
7.3.1.1.9.03	1B1903	CA	Fuel Offload	Hulvey			9,966
7.3.1.1.9.04	1B1904	CA	Na/Nak Removal	Waldo			1,744
7.3.1.1.9.05	1B1905	CA	Support Sys S/D	Waldo			356

ADVANCED REACTORS TRANSITION WBS 7.3

FY 1995 MYPP

4.B.1. PROGRAM FUNDING - BY WBS				MANAGER	BUDGET VALUES (\$000)		
1995 SITE RL-WBS CODES	1995 WHC-FDS CODES	LEVEL	TITLE		PROGRAM ELEMENT	ACTIVITY	COST ACCOUNT
7.3.1.2	389	END FUNCTION	FFTF Shutdown Construction (ADS 6642)	Loika	5,418		
7.3.1.2.9	3899	ACTIVITY	Deactivation/Compliance	Loika		5,418	
7.3.1.2.9.01	389901	CA	Interim Storage Area	Waldo			218
7.3.1.2.9.02	389902	CA	PFP Mods For FFTF	Guttenberg			0
7.3.1.2.9.03	389903	CA	Sodium Storage Facility	Waldo			5,200
7.3.1.2.9.04	389904	CA	Sodium Reaction Facility	Waldo			0
7.3.1.3	186	END FUNCTION	Nuclear Energy Legacies (ADS 6641)	Loika	3,850		
7.3.1.3.8	1868	ACTIVITY	Surveillance & Maintenance	Loika		1,481	
7.3.1.3.8.01	186801	CA	308 Bldg. Surveillance	Danko			531
7.3.1.3.8.02	186802	CA	308 Bldg. Operations	Danko			389
7.3.1.3.8.03	186803	CA	Legacy Occupancy	Guttenberg			561
7.3.1.3.9	1869	ACTIVITY	Deactivation/Compliance	Loika		2,369	
7.3.1.3.9.01	186901	CA	TRIGA™ Fuel Disposition	Steffen			1,069
7.3.1.3.9.02	186902	CA	NE RCRA Closures	Miller			293
7.3.1.3.9.03	186903	CA	NE Legacies (ADS 6642)	Guttenberg			1,007
GRAND TOTAL					63,600		

ADVANCED REACTORS TRANSITION

FY 1995 MYPP

WBS 7.3

5. List of Terms

ABC	ACTIVITY BASED COST AND SCHEDULE ESTIMATING
ACN-1	MULTIDUCT ASSEMBLY CARBIDE (w/o NITRATE) FUEL TEST
ADM	ACTION DESCRIPTION MEMORANDUM
ADP	AUTOMATED DATA PROCESSING
ADS	ACTIVITY DATA SHEET
AE	ARCHITECT ENGINEER
AFFF	AQUEOUS FILM FORMING FORM
AIP	AGREEMENT IN PARTICULAR
ALMS	AUXILIARY LIQUID METAL SYSTEM
AMSF	ALKALI METAL STORAGE FACILITY
AR	ADVANCED REACTORS (OLD NAME)
ARP	ADVANCED REACTORS PROGRAM (OLD NAME)
ART	ADVANCED REACTORS TRANSITION (NEW NAME)
ASME	AMERICAN SOCIETY OF MECHANICAL ENGINEERS
ATP	ACCEPTANCE TEST ADMINISTRATION
B&R	BUDGET & REPORTING
BCWS	BUDGETED COST OF WORK SCHEDULE
BHI	BECHTEL HANFORD INC.
BLTC	BOTTOM LOADING TRANSFER CASK
BPA	BONNEVILLE POWER ADMINISTRATION
BUD	BUDGET DESCRIPTION
CA	COST ACCOUNT
CAA	CLEAN AIR ACT
CAA	COST ACCOUNT AUTHORIZATION
CCC	CORE COMPONENT CONTAINER
CDR	CONCEPTIONAL DESIGN REPORT
CENRTC	CAPITAL EQUIPMENT NOT RELATED TO CONSTRUCTION
CG&A	CALIBRATION, GROOMING AND ALIGNMENT
CH LLW	CONTACT HANDLED LOW LEVEL WASTE
CIN	CHANGE IDENTIFICATION NUMBER
COC	CERTIFICATE OF COMPLIANCE
CRBR	CLINCH RIVER BREEDER REACTOR
CSP	COMMON SUPPORT POOL
CWC	CENTRAL WASTE COMPLEX
D/C	DEACTIVATION/COMPLIANCE ACTIONS
D&D	DECONTAMINATION AND DECOMMISSIONING
DFA	DRIVER FUEL ASSEMBLY
DHX	DUMP HEAT EXCHANGER
DOE	U.S. DEPARTMENT OF ENERGY
DOE-HQ	U.S. DEPARTMENT OF ENERGY-HEADQUARTERS
DOE-RL	U.S. DEPARTMENT OF ENERGY-RICHLAND OPERATIONS OFFICE
DOH	DEPARTMENT OF HEALTH (STATE OF WASHINGTON)
DNM	DELAYED NEUTRON MONITOR
DRP	DETAILED REFUELING PLAN

ADVANCED REACTORS TRANSITION

FY 1995 MYPP

WBS 7.3

5. List of Terms

EA	ENVIRONMENTAL ASSESSMENT
EDS	EQUIPMENT DECONTAMINATION SERVICES
EM	ENVIRONMENTAL RESTORATION AND WASTE MANAGEMENT
EPA	ENVIRONMENTAL PROTECTION AGENCY
EPDS	ENVIRONMENTAL PLANNING DATA SYSTEM
ESQ	ENVIRONMENTAL, SAFETY, HEALTH AND QUALITY ASSURANCE
FDS	FINANCIAL DATA SYSTEM
FFTf	FAST FLUX TEST FACILITY
FL-10	SPECIAL SHIPPING CONTAINER FOR TRIGA™ FUEL FOLLOWED CONTROL RODS
FMEF	FUELS AND MATERIALS EXAMINATION FACILITY
FONSI	FINDING OF NO SIGNIFICANT IMPACT
FSAR	FINAL SAFETY ANALYSIS REPORT
FSF	FUEL STORAGE FACILITY
FTE	FULL-TIME EQUIVALENT
FY	FISCAL YEAR
FYWP	FISCAL YEAR WORK PLAN
G&A	GENERAL AND ADMINISTRATIVE
GPP	GENERAL PLANT PROJECT
HLW	HIGH LEVEL WASTE
HPT	HEALTH PHYSICS TECHNICIAN
HSFP	HANFORD SURPLUS FACILITIES PROGRAM
HTS	HEAT TRANSPORT SYSTEM
HVAC	HEATING, VENTILATION AND AIR CONDITIONING
ICE	INDEPENDENT COST ESTIMATE
I&C	INSTRUMENTATION AND CONTROL
IDS	INTERIM DECAY STORAGE
IEMC	INTERIM EXAMINATION AND MAINTENANCE CELL
ILRT	INTEGRATED LEAK RATE TEST
INEL	IDAHO NUCLEAR ENGINEERING LABORATORY
IRB	INTERNAL REVIEW BUDGET
IRM	INFORMATION RESOURCE MANAGEMENT
ISA	INTERIM STORAGE AREA
ISC	INTERIM STORAGE CASK
JCS	JOB CONTROL SYSTEM
LI	LINE ITEM
LLW	LOW LEVEL WASTE
LLMW	LOW LEVEL MIXED WASTE
LSSF	LARGE SODIUM STORAGE FACILITY

ADVANCED REACTORS TRANSITION

FY 1995 MYPP

WBS 7.3

5. List of Terms

MASF	MAINTENANCE AND STORAGE FACILITY
MC&A	MATERIAL CONTROL AND ACCOUNTABILITY
MHTS	MAIN HEAT TRANSPORT SYSTEM
MOTA	MATERIAL OPEN TEST ASSEMBLY
MSSA	MASTER SAFEGUARDS AND SECURITY AGREEMENT
MTR	MODIFICATION TO REACTOR
MYPP	MULTI-YEAR PROGRAM PLAN
Na	SODIUM
NaK	SODIUM POTASSIUM
NE	NUCLEAR ENERGY
NEPA	NATIONAL ENVIRONMENTAL POLICY ACT
NOC	NOTICE OF CONSTRUCTION
NOD	NOTICE OF DEFICIENCY
NOI	NOTICE OF INTENT
NRF	NEUTRON RADIOGRAPHY FACILITY
OJT	ON JOB TRAINING
OMB	OFFICE OF MANAGEMENT & BUDGET
ORR	OPERATION READINESS REVIEW
PC	PRODUCTIVITY COMMITMENT
PO-4	NO. 4 IN A SERIES OF ADVANCED OXIDE FUEL TESTS
PRC	PLANT REVIEW COMMITTEE
PSE	PRELIMINARY SAFETY EVALUATION
PTS	PROGRESS TRACKING SYSTEM
QA	QUALITY ASSURANCE
RAM	RESPONSIBILITY ASSIGNMENT MATRIX
RCB	REACTOR CONTAINMENT BUILDING
RCRA	RESOURCE CONSERVATION AND RECOVERY ACT
RH LLW	REMOTE HANDLED LOW LEVEL WASTE
RICS	REFUELING INVENTORY AND CONTROL SYSTEM
RL	U.S. DEPARTMENT OF ENERGY, RICHLAND FIELD OFFICE
RPM	RESOURCE PRICING MODULE
RRSC	RADIAL REFLECTOR SHIPPING CONTAINER
RSB	REACTOR SERVICE BUILDING
S/RID	STANDARDS/REQUIREMENTS IDENTIFICATION DOCUMENT
SAS	SAFEGUARDS AND SECURITY
SEPA	STATE ENVIRONMENTAL POLICY ACT
SISI	SURVEILLANCE AND IN-SERVICE INSPECTION
S&M	SURVEILLANCE AND MAINTENANCE
SMA	SPECIFIC MEMORANDUM OF AGREEMENT
SMS	SITE MANAGEMENT SYSTEM
SNM	SPECIAL NUCLEAR MATERIAL
SP	STANDBY PHASE
SPO	SECURITY POLICE OFFICER
SRF	SODIUM REACTION FACILITY
SSF	SODIUM STORAGE FACILITY

ADVANCED REACTORS TRANSITION

FY 1995 MYPP

WBS 7.3

5. List of Terms

STPO	SECURITY TRANSITION PROGRAM OFFICE
SWC	SOLID WASTE CASK
SWTP	SOLID WASTE TRANSFER PIT
TDD	TASK DESCRIPTION DOCUMENTS
TPA	TRI-PARTY AGREEMENT
TRIGA™	TEST REACTOR AND ISOTOPE PRODUCTION, GENERAL ATOMICS
TRU	TRANSURANIC
TRUM	TRANSURANIC MIXED
TSD	TREATMENT, STORAGE AND DISPOSAL
TWRS	TANK WASTE REMEDIATION SYSTEM
USQ	UNRESOLVED SAFETY QUESTION
VA	VULNERABILITY ASSESSMENT
WA-ECOLOGY	STATE OF WASHINGTON DEPARTMENT OF ECOLOGY
WBS	WORK BREAKDOWN STRUCTURE
WHC	WESTINGHOUSE HANFORD COMPANY

ADVANCED REACTORS TRANSITION

FY 1995 MYPP

WBS 7.3

6. Distribution - Onsite

19	<u>U.S. Department of Energy- Richland Field Office</u>	
	R. A. Almquist (10)	N2-36
	R. C. Budzich	A7-89
	K. A. Benguiat	N2-36
	K. D. Cameron (2)	A5-04
	J. M. Escamillo	N2-36
	O. A. Farabee	N2-36
	R. G. Hastings	N2-36
	J. E. Mecca	R3-81
	N. D. Moorer	R3-81

41	<u>Westinghouse Hanford Company</u>	
	R. J. Bliss	R3-50
	G. J. Boehnke	N1-88
	D. L. Borders	B3-62
	T. M. Burke	N2-01
	D. B. Cartmell	R3-56
	S. H. Crow	N2-53
	D. M. Eder (2)	B3-62
	J. I. Forsberg (2)	N2-53
	G. B. Griffin	N2-34
	S. Guttenberg (2)	N2-53
	L. R. Hafer	B3-75
	R. K. Hulvey	N2-33
	D. H. Jones	N2-53
	E. F. Loika	N2-51
	J. L. Marshall	N2-02
	C. G. McCargar	N2-56
	I. L. Metcalf	N1-40
	J. C. Midgett (2)	N2-51
	P. C. Miller	N2-04
	J. R. Montano	N2-51
	L. A. Nelsen	N2-50
	S. W. Scott	N2-40
	J. M. Steffen	N1-47
	J. B. Waldo	N2-57
	C. W. Walton	L4-01
	W. H. Yunker	N2-53
	Central Files	L8-04
	Correspondence Control	A3-01
	Info. Rel. Admin. (2)	L8-07
	Doc. Proc. & Dist.	L8-15
	President's Office	B3-01
	Program Support Central (2)	A2-18
	Shutdown Project Office (2)	N2-53
	Technical Reference Ctr.	N2-12