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RL Site Summary Baseline

United States
Department of Energy
Richland, Washington

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Please note that some of the narrative found in this document has been paraphrased to summarize contents of the Multi-Year Program Plans to an executive level. The intent, however, has not been changed.

Assumptions for the activity data sheet planning cycle are included in Section 9.0 of this document. These assumptions were developed to support the U.S. Department of Energy-Headquarters Unified Field Budget Call for 1998 after the Multi-Year Program Plans were approved, and the differences have not been incorporated into the U.S. Department of Energy, Richland Operations Office Site Summary Baseline.

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Employees set up the overground transfer line in preparation for the transfer of waste from single-shell Tank BX-106 into double-shell Tank AN-101. Transferring liquids from older single-shell tanks into safer double-shell tanks reduces the risk of waste leaking into the soil.

Tank Waste Remediation System (TWRS)

1.1

FISCAL YEAR 1996 RL SITE SUMMARY BASELINE

1.0 TECHNICAL BASELINE DESCRIPTION

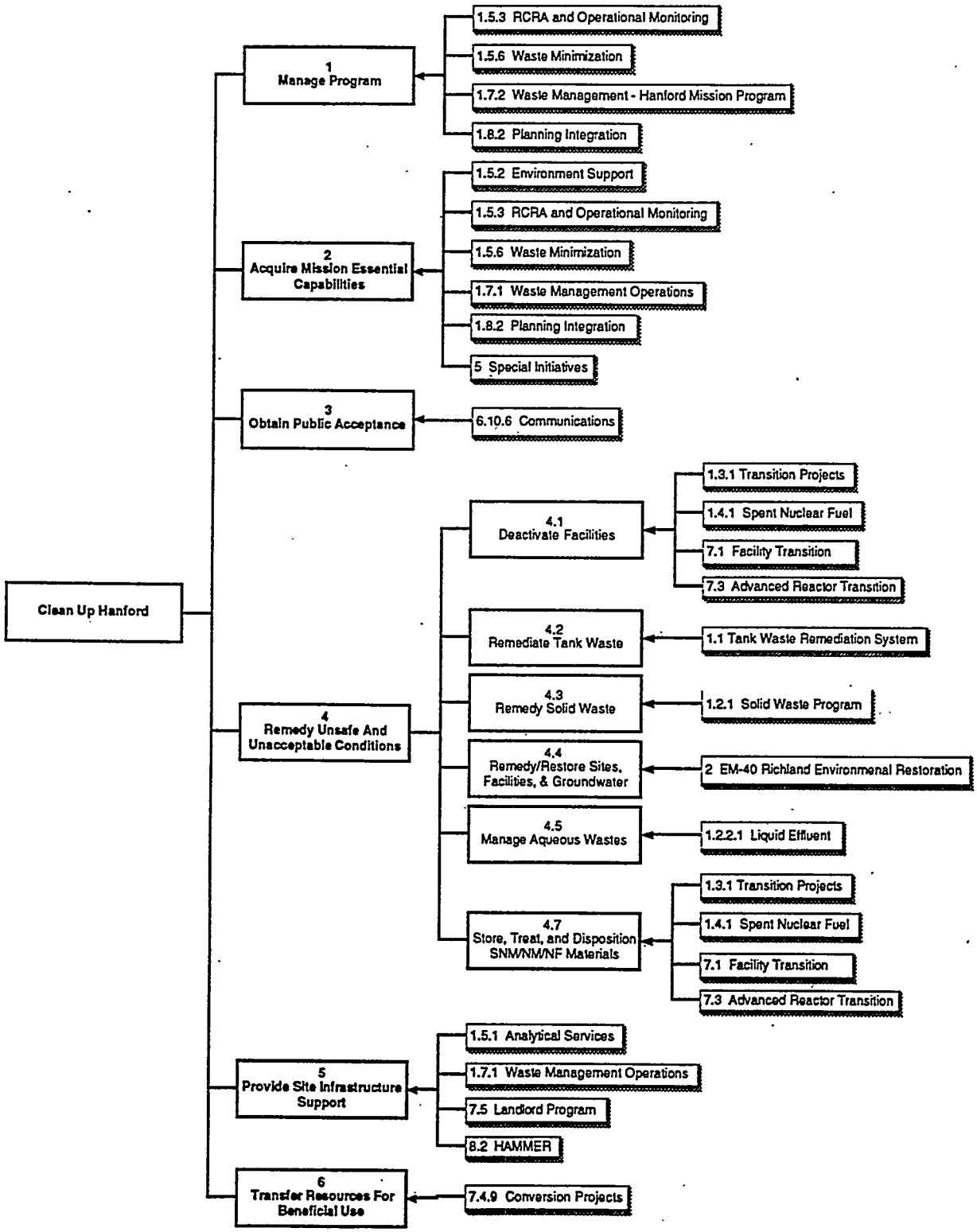
The technical baseline is a hierarchical description of the Hanford Site cleanup mission. This technical baseline does not address the science, technology, or economic transition missions. It begins with a definition of the existing conditions at the Hanford Site, provides a description of the end product or mission accomplishments at completion, presents a statement of the major requirements and constraints that must be observed during the performance of the mission, and provides a statement of the top-level strategic approach to accomplish the mission. Mission-level interfaces are also described. This information is further defined hierarchically in increasing levels of detail. This definition is composed of the following major elements:

- Functions that are key task descriptions
- Requirements that are the measurable standards to which the functions must be performed
- Architectures which are specific engineering solutions or systems that perform the functions described earlier
- Verification ensuring the system satisfies the requirements and fulfills the functions
- The above information is supplemented with the following:
  - Interface data
  - Risk analyses and watch lists
  - Assumptions
  - Required analyses.

The products described in the technical baseline form a structured systems environment and are the basis for the following:

- Work breakdown structure (WBS)
- Organization structure and crosswalk (technical baseline information against the WBS, WBS against the technical baseline information [Figure 1-1]).

Figure 1-1. Crosswalk of Technical Baseline Functions to Site Work Breakdown Structure.



FUNCTION 0 CLEAN UP HANFORD

The waste management and environmental restoration mission is to clean up the Hanford Site, protect the health and safety of the public and our workers, protect the environment, and provide beneficial use of land and other resources while serving as the U.S. Department of Energy (DOE) model for environmental restoration. Site cleanup will be in accordance with the Hanford Federal Facility Agreement and Consent Order (Tri-Party Agreement) (Ecology et al. 1994) and other agreements, and in compliance with all applicable federal, state, and local laws. The stakeholders will be active participants in decision-making processes including establishing priorities; determining end states; and developing a consistent set of rules, regulations, and laws. The work will be leveraged to provide a positive, lasting economic impact in the region. Effectiveness, efficiency, and discipline in all mission activities will help to achieve the vision and mission in a continuous and substantial way.

FUNCTION 1 MANAGE PROGRAM

The manage program function provides all program planning, management direction, evaluation, and the management system. This function does not directly contribute to the final state but provides the management needed to conduct the mission. The function includes specification of management policies and procedures, systems engineering, program definition, configuration management, scheduling, allocation of all resources, definition of performance criteria, and resolution of regulatory problems.

WBS 1.5.3 Resource Conservation and Recovery Act of 1976 (RCRA) and Operational Monitoring

The objective of this end function is to monitor and maintain groundwater monitoring wells around the RCRA treatment, storage and disposal (TSD) facilities and the remaining operational facilities on the Hanford Site. Surveillance will be performed of land surface and liquid and gaseous effluents in the 200 and 600 Areas to identify and limit the spread of surface contamination or unintentional releases and maintain the areas safe for personnel entry. Also, surveillance equipment and procedures will be periodically maintained, as required.

WBS 1.5.6 Waste Minimization

The Waste Minimization/Pollution Prevention (WMin/P2) Program is organized to meet federal, state, and DOE regulations, policies, and reporting requirements; and to develop a Hanford Sitewide WMin/P2 Program to reduce future risks and costs associated with managing wastes and pollutants. The WMin/P2 Program team works to promote waste minimization and pollution prevention; remove barriers to WMin/P2; develop Sitewide programmatic elements that encourage and facilitate WMin/P2; collect information and prepare reports, including DOE/RL-94-96, Hanford Site Pollution Prevention Plan Progress Report - 1994 (RL 1995a), Annual Report on

Waste Generation and Waste Minimization Progress for the Hanford Site - 1994 (RL 1995b), and U.S. Environmental Protection Agency Biennial Report on Waste Minimization (EPA 1994).

The U.S. Department of Energy, Richland Operations Office (RL) has designated Westinghouse Hanford Company (WHC) as the Hanford Site WMin/P2 lead in coordinating the Hanford Site WMin/P2 Program. Westinghouse Hanford Company will coordinate WMin/P2 onsite according to the key elements for the Sitewide and generator-specific programs identified in the Waste Minimization/Pollution Prevention Crosscut Plan (DOE 1994).

Implementing an effective WMin/P2 strategy and program will reduce waste management costs and prevent harmful releases to the environment.

WBS 1.7.2 Waste Management - Hanford Mission Program

The mission of the EM-30 Science and Technology Research Support - Hanford Mission Program is to monitor the Hanford Site environment to protect public safety and Hanford Site land and facility resources. This program provides integrated assessments of the impact of Hanford Site operations on the environment to ensure the safety of the public and Hanford Site workers.

WBS 1.8.2 Planning Integration

The Planning Integration Program provides Sitewide planning, integration, oversight, and analysis of the work scope being performed, or planned to be performed, across the Hanford Site. Part of the planning process is to develop and publish the Site guidance to each of the performing programs across the Site for developing planning documents, such as the activity data sheets (ADS) and the multi-year program plans (MYPP).

Planning Integration also provides oversight and primary customer interface for the project tracking system and the Site management system, provides the resources necessary to conduct the Sitewide strategic planning analyses and the systems engineering activities, and assesses and manages risks at a high level across the Site.

This activity provides the management interface with the RL customer and with contractor management. Baseline development, management, and change control for this program are contained within the work scope.

The work scope within this activity is described in greater detail in the following subordinate program elements:

- 1.8.2.1 Management Systems
- 1.8.2.2 Site Planning
- 1.8.2.3 Technical Systems Integration

- 1.8.2.4 Site Baseline Management
- 1.8.2.5 Management Information Systems
- 1.8.2.6 ADS Preparation & Coordination
- 1.8.2.7 Program Management.

The work scope contained within this program will continue at varying levels depending on resource availability over the life of activity at the Hanford Site.

FUNCTION 2 ACQUIRE MISSION ESSENTIAL CAPABILITIES

This function provides all new intellectual and physical resources. This includes personnel, consultants, services, supplies, equipment, construction projects, and subcontracts.

WBS 1.5.2 Environmental Support

The Hanford Environmental Management Program (HEMP) was established in 1986 to create and implement a structured approach toward achieving environmental compliance. The purpose of HEMP is to provide guidance and support across WHC mission areas to ensure facilities/programs achieve compliance with environmental requirements and agreements, and to provide RL with a mechanism to coordinate specific environmental activities among its contractors. For Sitewide reports and permits, WHC coordinates the activities of all Hanford Site contractors, as directed by RL, and is subject to cooperation by the other contractors. Westinghouse Hanford Company is the focal point for regulator access and for regulator data needs and issues.

The following specific assumptions are made.

- Environmental support is required for WHC and RL to maintain compliance with environmental requirements and agreements throughout cleanup.
- As compliance requirements change, these activities will be revised to ensure that compliance is achieved to the extent funding allows.
- The nature and extent of these activities will be modified as the cleanup mission progresses and decisions are made regarding cleanup strategy.
- Facility or other contractor-specific compliance activities remain the responsibility of individual programs.

WBS 1.5.3 RCRA and Operational Monitoring

The objective of this end function is to monitor and maintain groundwater monitoring wells around the RCRA TSD facilities and the remaining operational facilities on the Hanford Site. Surveillance will be performed of land surface and liquid and gaseous

effluents in the 200 and 600 Areas to identify and limit the spread of surface contamination or unintentional releases and maintain the areas safe for personnel entry. Also, surveillance equipment and procedures will be periodically maintained, as required.

WBS 1.5.6 Waste Minimization

The WMin/P2 Program is organized to meet federal, state, and DOE regulations, policies, and reporting requirements, and to develop a Hanford Sitewide WMin/P2 program to reduce future risks and costs associated with managing wastes and pollutants. The WMin/P2 Program team works to promote waste minimization and pollution prevention; remove barriers to WMin/P2; develop Sitewide programmatic elements that encourage and facilitate WMin/P2; and collect information and prepare reports, including DOE/RL-94-96, Hanford Site Pollution Prevention Plan Progress Report - 1994 (RL 1995a), Annual Report on Waste Generation and Waste Minimization Progress for the Hanford Site - 1994 (RL 1995b), and U.S. Environmental Protection Agency Biennial Report on Waste Minimization (EPA 1994).

The U.S. Department of Energy, Richland Operations Office has designated WHC as the Hanford Site WMin/P2 lead in coordinating the Hanford Site WMin/P2 Program. Westinghouse Hanford Company will coordinate WMin/P2 onsite according to the key elements for the Sitewide and generator-specific programs identified in the Waste Minimization/Pollution Prevention Crosscut Plan (DOE 1994).

Implementing an effective WMin/P2 strategy and program will reduce waste management costs and prevent harmful releases to the environment.

WBS 1.7.1 Waste Management Operations

Hanford Site Waste Management Science and Technical Compliance Operations supports Hanford Site Office of Environmental Restoration and Waste Management (EM) programs by providing Pacific Northwest National Laboratory (PNNL) waste management operations to comply with applicable DOE Orders, environmental regulations, and DOE agreements.

This program at the target level includes the following:

- Waste Management Activities (includes waste operations and compliance projects)
    - Monitor and coordinate waste management operations and ensure regulatory compliance for all PNNL operations
    - Clean out legacy wastes from laboratory hot cells that are to be used for other activities or are to be transferred for decontamination and decommissioning (D&D)

- Verify compliance by PNNL facility air and liquid effluents with regulations
- Provide RCRA permitting for PNNL treatment operations and technology development
- Determine and implement actions needed to ensure regulatory compliance for small tanks storing radioactive mixed wastes
- Manage and oversee the completion of PNNL National Environmental Policy Act of 1969 (NEPA) documentation
- Provide a process for assessing PNNL facility compliance with appropriate requirements
- Plan, manage, and report Hanford Site EM activities

- Surveillance and Maintenance (S&M) Activities
  - Ensure safe operations and containment of radionuclides
  - Provide S&M of laboratory spaces in support of cleanout and other activities pending final disposition of the facilities
  - Provide containment and safe storage/disposal for large quantities of radioactive materials remaining from defunct programs
  - Create updated drawings of building systems critical to maintenance of safety and regulatory compliance
  - Support facility safety and conduct of operations
  - Support PNNL facility compliance with refrigerant regulations
- Hazards Mitigation
  - Resolve a major safety issue by removing highly dispersible contamination from the 324 Building B-Cell
  - Implement a preliminary treatment strategy that will remove and stabilize the inventory of highly radioactive liquid waste from the 324 Building high-level vault tanks.

WBS 1.8.2 Planning Integration

The Planning Integration Program provides Sitewide planning, integration, oversight, and analysis of the work scope being performed, or planned to be performed, across

the Hanford Site. Part of the planning process is to develop and publish the Site guidance to each of the performing programs across the Site for developing planning documents such as the ADS's and the MYPPs.

Planning Integration also provides oversight and primary customer interface for the project tracking system and the Site management system, provides the resources necessary to conduct the Sitewide strategic planning analyses and the systems engineering activities, and assesses and manages risks at a high level across the Site.

This activity provides the management interface with the RL customer and with contractor management. Baseline development, management, and change control for this program are contained within the work scope.

The work scope contained within this activity is described in greater detail in the following subordinate program elements:

- 1.8.2.1 Management Systems
- 1.8.2.2 Site Planning
- 1.8.2.3 Technical Systems Integration
- 1.8.2.4 Site Baseline Management
- 1.8.2.5 Management Information Systems
- 1.8.2.6 ADS Preparation & Coordination
- 1.8.2.7 Program Management.

The work scope contained within this program will continue at varying levels depending on resource availability over the life of activity at the Hanford Site.

WBS 5 Special Initiatives

The Special Initiatives mission supports programmatic requests for service to DOE offices, other organizations, and agencies. These requests can include the following.

- Support priority DOE initiatives.
- Research special programs.
- Study locations for new activities at the Hanford Site.
- Produce specialty materials.
- Provide consulting support to other sites.
- Manage a broad spectrum of United States and international test programs.

FUNCTION 3 OBTAIN PUBLIC ACCEPTANCE

The Obtain Public Acceptance function provides all the public interactions needed to complete the mission, such as public review of all plans, clarification of public values, and determining public values needed to minimize conflicts between the stakeholder interests and mission activities.

WBS 6.10.6 Communications

The objective of this function is to develop and implement a proactive strategy to communicate internally and externally about the Hanford Site's urgent safety and environmental risks, progress in mitigating these risks, and issues of interest to the public, as well as Site employees. These comprehensive programs are designed to involve interested people in decisions about Hanford Site cleanup activities.

FUNCTION 4 REMEDY UNSAFE AND UNACCEPTABLE CONDITIONS

The Remedy Unsafe and Unacceptable Conditions function provides the physical changes needed to complete the function and provides the safe and efficient operation of all facilities. Included within this function are environmental restoration of buildings, facilities, groundwater, and soils; treatment of waste materials; interim storage of various materials; disposition of low-level waste (LLW); packaging and shipment of hazardous, transuranic (TRU), mixed, and high-level waste (HLW); retrieval of wastes for disposition; regulatory compliance actions; and disposition of new imported wastes and materials.

FUNCTION 4.1 DEACTIVATE FACILITIES

The Deactivate Facilities function includes the safe operation of all facilities until further operation is no longer mission essential. The primary output is eventual facility conversion to a state where transfer to Function 4.4 or 5.0 can take place.

WBS 1.3.1 Transition Projects

The primary Transition Projects mission is to deactivate facilities on the Hanford Site, in preparation for D&D, and to provide safe and secure storage of special nuclear materials (SNM), nuclear materials (NM), and nuclear fuel (NF). Transition Projects will protect the health and safety of the public and our workers, protect the environment, and provide beneficial use of the facilities and other resources. Work will be in accordance with the Tri-Party Agreement and local, national, international, and other agreements; and in compliance with all applicable federal, state, and local laws. The stakeholders will be active participants in decision-making processes, including establishing priorities and developing a consistent set of rules, regulations, and laws. The work will be leveraged to provide a positive, lasting economic impact in the region. Effectiveness, efficiency, and discipline in all mission activities will help to achieve this mission in a continuous and substantial way.

- As the mission for Transition Projects has shifted from production to support of environmental restoration, each facility is making a transition to support the Site mission. The mission goals include the following.
    - Achieve deactivation of facilities for transfer to the Hanford Surplus Facility Program (HSFP), using Plutonium-Uranium Extraction (PUREX) plant deactivation as a model for future facility deactivation.

- Achieve excellence in the conduct of operations and maintenance of nuclear facilities in support of the Hanford Site mission.

- Manage NM in a safe and secure condition and, where appropriate, in accordance with International Atomic Energy Agency (IAEA) safeguard rules.

- Treat NM as necessary, and store onsite in long-term interim safe storage while awaiting a final disposition decision from the DOE.

- Implement NM disposition directives. In the near term, these are anticipated to mostly involve the transfer of uranium to other locations for beneficial use.

- Work will be in accordance with the Tri-Party Agreement and other agreements and in compliance with applicable federal, state, and local laws.

WBS 1.4.1 Spent Nuclear Fuel (SNF)

The primary mission of the SNF Project is to provide expeditious removal and safe storage of SNF at the K Basins. The SNF Project will accomplish this mission within the customer's budget, schedule, and requirements. The project will safely, reliably, and efficiently manage, condition, transport, store, and disposition all DOE-owned SNF on the Hanford Site. In completing this mission, and while working with stakeholders and tribal nations, the project will protect the environment, Hanford Site workers, and the public while fully complying with all applicable federal, state, and tribal laws, and local laws, orders, and regulations.

The SNF Project vision is to be a world-class project organization, dedicated to completing the mission expeditiously. The project is viewed by the customer and stakeholders as a cost-effective team that implements sound technical solutions.

WBS 7.1 Facility Transition

The primary Facility Transition projects mission is to deactivate facilities on the Hanford Site, in preparation for D&D, and to provide safe and secure storage of SNM/NM/NF. Facility Transition projects will protect the health and safety of the public and our workers, protect the environment, and provide beneficial use of the facilities and other resources. Work will be in accordance with the Tri-Party Agreement and local, national, international, and other agreements; and in compliance with all applicable federal, state, and local laws. The stakeholders will be active participants in decision-making processes including establishing priorities and developing a consistent set of rules, regulations, and laws. The work will be leveraged to provide a positive, lasting economic impact in the region. Effectiveness, efficiency, and discipline in all mission activities will help to achieve this mission in a continuous and substantial way.

- As the mission for Facility Transition projects has shifted from production to support of environmental restoration, each facility is making a transition to support the Site mission. The mission goals include the following.
  - Achieve deactivation of facilities for transfer to the HSFP, using PUREX plant deactivation as a model for future facility deactivation.
  - Achieve excellence in the conduct of operations and maintenance of nuclear facilities in support of the Hanford Site mission.
  - Manage NM in a safe and secure condition and, where appropriate, in accordance with IAEA safeguard rules.
  - Treat NM as necessary, and store onsite in long-term interim safe storage while awaiting a final disposition decision from the DOE.
  - Implement NM disposition directives. In the near term, these are anticipated to mostly involve the transfer of uranium to other locations for beneficial use.
  - Work will be in accordance with the Tri-Party Agreement and other agreements, and in compliance with all applicable federal, state, and local laws.

WBS 7.3 Advanced Reactor Transition (ART)

Following direction given by the DOE on December 15, 1993, ART is continuing the transitioning of the Fast Flux Test Facility (FFTF) to a radiologically and industrially safe shutdown condition. The ART MYPP, the Fast Flux Test Facility Transition Project Plan (WHC 1995a), and the FFTF Transition Project Resource-Loaded Schedule are defined for the life of the project. During the transitional 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 the Environmental Restoration Contractor (ERC) for final disposition, as appropriate.

In addition to the FFTF Transition Project, the ART Program is responsible for the S&M of the 308 Building, which is in a safe shutdown state; the Plutonium Recycle Test Reactor/309 Building S&M and deactivation/compliance to a safe shutdown state; the safeguarding and disposition of the Test Reactor and Isotope Production; General Atomics fuel; and the disposition of NE Legacy facilities at the Hanford Site.

The ART Program has no detailed relationships with other Hanford Site programs--only general support relationships.

FUNCTION 4.2 REMEDIATE TANK WASTE

The objective of this function is to store, treat, and immobilize highly radioactive Hanford Site waste (existing and future tank waste, and the strontium and cesium capsules) in an environmentally sound, safe, and cost-effective manner.

WBS 1.1 Tank Waste Remediation System (TWRS)

The TWRS Program vision represents the desired end state for the remediation of tank wastes. The vision is driven by DOE-RL-D94048, Hanford Strategic Plan (RL 1995c) and the Fiscal Year 1995 Hanford Mission Plan (WHC 1995b). These plans reflect the input from all the stakeholders. The TWRS Program vision is to clean up the Hanford Site tank wastes, close the tank farms by 2028, and complete shipment of waste capsules to an offsite geologic repository by 2040. The TWRS Program was recently given the responsibility for the D&D and disposal processes. The D&D of private contractor facilities will be the responsibility of the private contractor. This vision will be achieved by the safe retrieval, treatment, and immobilization of the tank wastes, and disposal of LLWs and HLWs. Disposal of the LLW will occur at the Hanford Site; HLW will be sent to a geologic repository. Tank structures will be stabilized in place and covered with environmental barriers that inhibit water, plant, animal, and human intrusion.

The TWRS mission (need justification) establishes the purposes of the TWRS Program as follows.

- Resolve the waste tank safety issues.
- Integrate the waste disposal mission with the ongoing waste management mission.
- Assess the technical bases for tank waste management and disposal.
- Determine available technology and develop any needed technologies.
- Establish a dedicated organization and provide the resources to meet the technical challenge.

The TWRS Program mission represents the stakeholders' intent to implement the TWRS Program vision. The mission is to store, treat, and immobilize highly radioactive Hanford Site waste in a safe, environmentally sound, and cost-effective manner. Highly radioactive Hanford Site waste is defined as current and future tank waste and the cesium/strontium capsules. An analysis of the TWRS mission has been conducted, and the results are documented in WHC-SD-WM-MAR-008, Tank Waste Remediation System Mission Analysis (Knutson 1995). To achieve this mission, the TWRS Program is dedicated to minimizing environmental, safety, and health risks associated with existing tank waste stored in the double-shell tanks (DST), single-shell tanks (SST), and inactive miscellaneous underground storage tanks, and the safe operation of all TWRS facilities. Reducing safety risks is the

highest priority. To complete the remediation of highly radioactive Hanford Site wastes in accordance with Tri-Party Agreement commitments and Secretarial Safety Initiatives, the TWRS Program is committed to the following goals.

- Mitigate and/or resolve safety issues and inherent risks.
- Provide a safe work place.
- Improve management systems in the program by increasing the effectiveness of the program's managerial and financial controls.
- Become more outcome oriented.
- Focus technology development efforts to support program objectives.
- Develop stronger partnerships with all stakeholders.

FUNCTION 4.3 REMEDY SOLID WASTE

The Remedy Solid Waste function is charged with disposition of buried wastes and solid waste materials generated during past missions, and solid wastes generated during the cleanup mission.

WBS 1.2.1 Solid Waste Program

The Fiscal Year 1995 Hanford Mission Plan, Vol. I, "Site Guidance" (WHC 1995b) identifies the need for the Solid Waste Program to treat, store, and dispose of a wide variety of solid material types consisting of multiple radioactive and hazardous waste classes. This includes future Hanford Site activities that will generate new wastes that must be handled as cleanup activities are completed. Solid wastes are typically categorized as TRU, low-level, low-level mixed, and hazardous waste.

To meet this need, the Solid Waste Program has defined as its mission to receive, store, treat, decontaminate, and dispose of solid radioactive and nonradioactive dangerous wastes in a safe, cost-effective, and environmentally compliant manner. This mission will be accomplished through the following.

- Decontamination Services: Use T Plant facilities to decontaminate customer and legacy equipment and structures for re-use, recycle, free release, storage, or safe disposal. New decontamination technologies will be explored and used.
- Containerized Waste Verification and Repackaging Services: Use T Plant facilities to minimize the volume and environmental impact of low-level mixed waste.

- Liquid Waste Transfer Services: Maintain certification for at least one government-owned liquid waste tank car in accordance with 2T-33003, Railcar Re-Certification.

- Safe Interim Storage Services: Dispose of the 72 irradiated, pressurized, water reactor Core II fuel elements in the T Plant Canyon pool and the one nonirradiated fuel element on deck in the T Plant Canyon.

- Receipt Services: Receive, store, and dispose of low-level, TRU, mixed, and dangerous solid wastes.

- Field Characterization and Certification Services: Use innovative nondestructive examination/nondestructive assay. New developments in this technology will continue to be explored and used.

- Tracking of Waste Container Inventories: The Sitewide electronic database will continue to be enhanced to improve usability and accessibility.

- Waste Characterization: Repackaging and treatment of wastes will be provided by the waste receiving and processing facilities or commercially available processes.

- Advanced disposal concepts for the disposal of Category 3 LLWs.

- Prepare for future (post-2000): Retrieve TRU waste from below-grade storage to characterize the wastes and provide aboveground monitored storage, and prepare the waste for disposal at the Waste Isolation and Pilot Plant (WIPP) (currently not funded).

- Interface with onsite and offsite generators to assist them in preparing waste for shipment to solid waste facilities.

- Hazardous and mixed waste treatment integrated with private sector capabilities (currently not funded).

FUNCTION 4.4 REMEDY/RESTORE SITES, FACILITIES, AND GROUNDWATER

The Remedy/Restore Sites, Facilities, and Groundwater function restores sites, deactivated facilities, groundwater, and related items to an acceptable state. This function includes restoration of chemically contaminated lands, and removal or disposition of buildings, fission reactors, chemical processing plants, infrastructure, etc. This function includes new and legacy items.

WBS 2 EM-40 Richland Environmental Restoration

Vision

The vision of the Richland Environmental Restoration Project (RERP) is that the Hanford Site will be progressively restored, preserved, or protected in ways that will make the Site available for other beneficial uses. Required cleanup standards will be achieved, and stakeholder values will be expressed and met. The required work will be performed using state-of-the-art science and technology that is cost effective over the life-cycle of the project; and will protect the safety and health of workers, the public, and the environment.

To achieve this vision, the RERP will provide for integrated and phased work activities that are based on established priorities required to progressively bring the Hanford Site to a condition that allows other beneficial uses, while ensuring an injury-free workplace that minimizes environmental damage.

Mission

The mission of the RERP is to provide for the performance of activities that are required to preserve, protect, or restore the Hanford Site and permit its use for other beneficial purposes.

In support of this mission, the RERP will strive to provide the following:

- Protection of the safety and health of workers and public
- Minimization of harmful effects to the environment
- Balanced use of natural processes, aggressive restoration, and risk in the decision-making process while considering stakeholder values, land use, and life-cycle cost-effectiveness
- Focused research and development of the needs of the RERP, and use of cost-effective, state-of-the-art, innovative science and technology
- Assistance to the DOE in managing Site land resources until these resources are available for other beneficial uses.

The mission is divided into the following five components, or summary subprojects:

- Disposal Facilities
- S&M
- D&D Facilities
- Remedial Actions/Groundwater Management
- Program Management and Support.

A description of each subproject is provided in the following sections.

Disposal Facilities. This subproject includes the planning, construction, and operation of all mixed waste storage and disposal facilities that are required for the success of the RERP. The major work scope will be a final disposal facility that will receive and isolate low-level radioactive waste, hazardous waste, or a combination thereof, generated by remediation of the Hanford Site past-practice waste sites. The major regulatory drivers are the RCRA and the Comprehensive Environmental Response, Compensation, and Liability Act of 1980.

S&M. This subproject includes the post-closure or post-remediation S&M of facilities, which are anticipated to include groundwater and soil monitoring until all project activities are completed. Specific S&M activities are determined at the time of facility closure, final environmental remediation, and decommissioning.

D&D Facilities. This subproject includes the S&M of facilities awaiting decommissioning, asbestos abatement D&D of facilities, and compliance with applicable regulations. Facilities included in the surplus facilities inventory are shutdown production reactors, chemical separation plants, and numerous support facilities. The D&D Facilities emphasis is on eliminating potential environmental, human health, and safety hazards by maintaining and dispositioning the surplus, inactive facilities on the Hanford Site. The 100-N Reactor complex deactivation activities and S&M will be funded as part of the D&D summary subproject. The major regulatory driver is DOE Order 5820.2A, Radioactive Waste Management (DOE 1988).

Remedial Actions/Groundwater Management. This subproject includes the management, identification, assessment, and remediation of Hanford Site past-practice waste sites that have been inactive since March 1, 1987. Also included are the identification and completion of interim stabilization actions to mitigate the potential for the expansion of contaminated zones, and disposition of nonradioactive underground storage tanks and certain RCRA facilities. The emphasis is to bring all known waste sites on the Hanford Site into compliance with applicable federal, state, and local environmental laws and regulations. The Tri-Party Agreement (Ecology et al. 1994) is the major regulatory driver.

Program Management and Support. This subproject addresses ERC program management; management systems development; information and data management; public involvement and communications; quality, safety and health; independent assessment and environmental compliance; scientific, technical, and regulatory support; development of analytical laboratory and field screening procedures and methods; integrated sample, data management, and data retrieval; non-project specific equipment; and technical upgrades. Program Management and Support also provides the support needed to establish and maintain systems to ensure the quality of activities and deliverables; promote an injury-free workplace, ensure compliance with applicable laws and regulations; perform cost and schedule control in accordance with DOE policy and requirements; and identify and demonstrate new technology.

FUNCTION 4.5 MANAGE AQUEOUS WASTES

The objective of this function is to manage and treat aqueous wastes that are generated by the other functions under Function 4.0 and ongoing operations (PNNL, sanitary wastes). This function develops an aqueous waste disposition plan, transports and receives aqueous waste, treats aqueous waste (if required), and dispositions the waste. Aqueous wastes that would cause a treatment facility to operate outside the safety and regulatory envelope will not be accepted. Transuranic wastes will not be processed, and the concentration of TRUs in aqueous waste processed must be below established limits. Appropriate and required documentation must accompany all aqueous waste.

WBS 1.2.2.1 Liquid Effluent

In the mid-1980's, the United States Congress issued a mandate that by June 1995, the Hanford Site soil column would no longer be used as the treatment media for contaminated liquid effluents generated at the Site. In April 1987, the DOE issued the Plan and Schedule to Discontinue Disposal of Contaminated Liquids into the Soil Column at the Hanford Site (DOE-RL 1987). This document identified the streams and an implementation plan. The Liquid Effluent Program was created to implement this plan. The scope and schedule for the new program were formalized by the successful negotiation of the Tri-Party Agreement and in the Washington State Waste Discharge Permit Program Consent Order No. DE 91NM-177 (Consent Order).

Successful implementation of the Hanford Site mission components and objectives, in pursuit of the Liquid Effluent Program's mission to discontinue using the soil column for treatment of contaminated liquids on the Hanford Site, will have the following impacts:

- Managing current and future liquid effluent streams in a safe, responsible, cost-effective, and legally compliant manner
- Minimizing risks and protecting the worker, public health, and the environment
- Providing an infrastructure for disposal of liquid effluents
- Achieving regulatory (Tri-Party Agreement and Consent Order) milestones
- Positioning the Hanford Site for future work.

To successfully accomplish the mission, the Liquid Effluent Program is organized into the following elements: (1) Program Management, (2) 200 Area Liquid Effluent Facilities Operations, (3) 300 Area Liquid Effluent Facilities Operations, and (4) Liquid Effluent Engineering. The missions of each of these elements are as follows.

- The DOE will establish positive working relationships to build confidence and enhance trust in the Hanford Site.

- The DOE will use the cleanup and science and technology mission elements to help the community establish a diversified and stable long-range economic base. This will be accomplished through private sector participation in cleanup, creation of local technology and service companies, and effective use of assets that are no longer required by the federal government.

FUNCTION 4.7 STORE, TREAT, AND DISPOSITION SNM/NM/NF MATERIALS

The management of SNM/NM/NF is the receiving, handling, processing, storing, and transfer for ultimate disposition of the materials in a safe and efficient manner. The SNM/NM/NF in this function includes plutonium as inventoried; uranium, thorium, retrieved special materials, irradiated fuel, and other irradiated non-waste materials; cesium and strontium capsules; miscellaneous actinides, such as neptunium and californium; and nuclear standards/sources.

WBS 1.3.1 Transition Projects

The primary Transition Projects mission is to deactivate facilities on the Hanford Site in preparation for D&D, and to provide safe and secure storage of SNM/NM/NF. Transition Projects will protect the health and safety of the public and our workers, protect the environment, and provide beneficial use of the facilities and other resources. Work will be in accordance with the Tri-Party Agreement and local, national, international, and other agreements; and in compliance with all applicable federal, state, and local laws. The stakeholders will be active participants in decision-making processes including establishing priorities and developing a consistent set of rules, regulations, and laws. The work will be leveraged to provide positive, lasting economic impact in the region. Effectiveness, efficiency, and discipline in all mission activities will help to achieve the mission in a continuous and substantial manner.

- As the mission for Transition Projects has shifted from production to support of environmental restoration, each facility is making a transition to support the Site mission. The mission goals include the following.
  - Achieve deactivation of facilities for transfer to the HSFP, using PUREX plant deactivation as a model for future facility deactivation.
  - Achieve excellence in the conduct of operations and maintenance of nuclear facilities in support of the Hanford Site mission.
  - Manage NM in a safe and secure condition and, where appropriate, in accordance with IAEA safeguard rules.
  - Treat NM as necessary, and store onsite in long-term interim safe storage while awaiting a final disposition decision by the DOE.

- Implement NM disposition directives. In the near term, these are anticipated to mostly involve the transfer of uranium to other locations for beneficial use.

- Work will be in accordance with the Tri-Party Agreement and other agreements, and in compliance with all applicable federal, state, and local laws.

WBS 1.4.1 SNF

The primary mission of the SNF Project is to provide expeditious removal and safe storage of SNF at the K Basins. The SNF Project will accomplish this mission within the customer's budget, schedule, and requirements. The project will safely, reliably, and efficiently manage, condition, transport, store, and disposition all DOE-owned SNF on the Hanford Site. In completing this mission, and while working with stakeholders and tribal nations, the project will protect the environment, Hanford Site workers, and the public while fully complying with all applicable federal, state, and tribal laws, and local laws, orders, and regulations.

The SNF Project vision is to be world-class project organization, dedicated to completing the mission expeditiously. The project is viewed by the customer and stakeholders as a cost-effective team that implements sound technical solutions.

WBS 7.1 Facility Transition

The primary Facility Transition projects mission is to deactivate facilities on the Hanford Site, in preparation for D&D, and to provide safe and secure storage of SNM/NM/NF. Facility Transition projects will protect the health and safety of the public and our workers, protect the environment, and provide beneficial use of the facilities and other resources. Work will be in accordance with the Tri-Party Agreement and local, national, international, and other agreements; and in compliance with all applicable federal, state, and local laws. The stakeholders will be active participants in decision-making processes including establishing priorities and developing a consistent set of rules, regulations, and laws. The work will be leveraged to provide a positive, lasting economic impact in the region. Effectiveness, efficiency, and discipline in all mission activities will help to achieve this mission in a continuous and substantial way.

- As the mission for Facility Transition projects has shifted from production to support of environmental restoration, each facility is making a transition to support the Site mission. The mission goals include the following.

  - Achieve deactivation of facilities for transfer to the HSFP, using PUREX plant deactivation as a model for future facility deactivation.

  - Achieve excellence in the conduct of operations and maintenance of nuclear facilities in support of the Hanford Site mission.

- Manage NM in a safe and secure condition and, where appropriate, in accordance with IAEA safeguard rules.

- Treat NM as necessary, and store onsite in long-term interim safe storage while awaiting a final disposition decision from the DOE.

- Implement NM disposition directives. In the near term, these are anticipated to mostly involve the transfer of uranium to other locations for beneficial use.

- Work will be in accordance with the Tri-Party Agreement and other agreements, and in compliance with all applicable federal, state, and local laws.

WBS 7.3 ART

Following direction given by the DOE on December 15, 1993, ART is continuing the transitioning of the FFTF to a radiologically and industrially safe shutdown condition. The ART MYPP, the Fast Flux Test Facility Transition Project Plan (WHC 1995a), and the FFTF Transition Project Resource-Loaded Schedule are defined for the life of the project. During the transitional 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 NE Programs and are no longer required to support the liquid metal reactor program will be deactivated and transferred to the ERC for final disposition, as appropriate.

In addition to the FFTF Transition Project, the ART Program is responsible for the S&M of the 308 Building, which is in a safe shutdown state; the Plutonium Recycle Test Reactor/309 Building S&M and deactivation/compliance to a safe shutdown state; the safeguarding and disposition of the Test Reactor and Isotope Production; General Atomics fuel; and the disposition of NE Legacy facilities at the Hanford Site.

The ART Program has no detailed relationships with other Hanford Site programs--only general support relationships.

FUNCTION 5 PROVIDE SITE INFRASTRUCTURE SUPPORT

This function has a dual purpose: to correct unsafe or noncompliant conditions and to operate all the services and facilities not identified with the programs or integrated cleanup activities. Infrastructure support includes roads, utilities, transportation, and office buildings.

WBS 1.5.1 Analytical Services

The Hanford Site Mission is to clean up the Site, provide scientific and technological excellence to meet global needs, and be a partner in the economic diversification of the region. The Hanford Analytical Services Program supports the Hanford Site mission by providing quality analytical chemistry data and process development services to meet client requirements.

Analytical Services strives to be highly valued by Hanford Site clients as a technically sound, cost-effective, high-quality, and production-oriented operation. The goal of Analytical Services is to be highly regarded by fellow employees, the DOE, its regulators, and overseers.

WBS 1.7.1 Waste Management Operations

Hanford Site Waste Management Science and Technical Compliance Operations supports Hanford Site EM programs by providing PNNL waste management operations to comply with applicable DOE Orders, environmental regulations, and DOE agreements.

This program at the target level includes the following:

- Waste Management Activities (includes waste operations and compliance projects)
    - Monitor and coordinate waste management operations and ensure regulatory compliance for all PNNL operations
    - Clean out legacy wastes from laboratory hot cells that are to be used for other activities or are to be transferred for D&D
    - Verify compliance by PNNL facility air and liquid effluents with regulations
    - Provide RCRA permitting for PNNL treatment operations and technology development
    - Determine and implement actions needed to ensure regulatory compliance for small tanks storing radioactive mixed wastes
    - Manage and oversee the completion of PNNL NEPA documentation
    - Provide a process for assessing PNNL facility compliance with appropriate requirements
    - Plan, manage, and report Hanford Site EM activities

- S&M Activities
  - Ensure safe operations and containment of radionuclides
  - Provide S&M of laboratory spaces in support of cleanout and other activities pending final disposition of the facilities
  - Provide containment and safe storage/disposal for large quantities of radioactive materials remaining from defunct programs
  - Create updated drawings of building systems critical to maintenance of safety and regulatory compliance
  - Support facility safety and conduct of operations
  - Support PNNL facility compliance with refrigerant regulations
- Hazards Mitigation
  - Resolve a major safety issue by removing highly dispersible contamination from the 324 Building B-Cell
  - Implement a preliminary treatment strategy that will remove and stabilize the inventory of highly radioactive liquid waste from the 324 Building high-level vault tanks.

WBS 7.5 Landlord Program

The objective of this effort is to manage and execute the scope associated with the Landlord Program. It encompasses the management of infrastructure capital projects in support of the Hanford Site mission (line items, general plant projects); the acquisition of capital equipment as related to construction; expense-funded projects (roof repair and demolition); and overall program management, planning, and control. The work statement for this function is to complete agreed upon scope identified in the approved MYPP in accordance with applicable regulations, requirements, and DOE Orders.

WBS 8.2 Hazardous Materials Management and Emergency Response (HAMMER)

HAMMER is a training and education program for hazardous material, waste management, and emergency response workers. The HAMMER facility is operated as a user center that hosts, brokers, and integrates the capabilities of its partnering organizations to ensure the delivery of state-of-the-art training and educational curricula. HAMMER's initial emphasis is the delivery of products and services for the DOE, DOE contractor workers, managers and emergency responders at the Hanford Site, and along DOE's transportation corridors. This includes training that can make effective use of HAMMER facilities and programs.

The entire DOE complex will benefit from the training approaches demonstrated at the HAMMER facility. Thus, HAMMER will include the following.

- Host hands-on performance-based health and safety training to save lives and reduce costs.
- Enhance the skills and knowledge of environmental cleanup and emergency responders.
- Support the diversification of the regional economy surrounding the Hanford Site by making training a new industry.

HAMMER facilities and programs will be versatile enough to meet the training needs of the Hanford Site as cleanup evolves and as new technologies are used.

FUNCTION 6 TRANSFER RESOURCES FOR BENEFICIAL USE

The objective of this function is to transfer physical, intellectual, human, and fiscal resources that advance the Hanford Site cleanup mission and may be beneficial to the economic transition of the region. This function also markets/brokers the creation, negotiation, and fulfillment of formal agreements that transfer resource use, ownership, custody, or management responsibilities into and out of the Hanford Site, and monitors the related impacts.

The scope of Function 6 is as follows.

- Catalog an inventory of resources that are transferable onto and off the Hanford Site. Create customers and markets for the Hanford Site and community resources. Search the market worldwide for potential users and uses of resources. Open existing and new Hanford Site markets to local, regional, national, and international businesses. Set objectives and priorities to achieve synergy between cleanup goals and regional economic development plans. Resource transfers are to contribute to the Hanford Site cleanup mission, and may be used to leverage expansion and diversification of the local/regional economic base toward one that is less dependent on the Hanford Site, and to enhance competitiveness of the United States.
- Provide brokerage services for negotiations, implementation, and closure of transfer cases. Create and implement resource transfer and economic development vehicles such as technology transfers, technology acquisitions, outsourced services, business spin-offs, and converted physical resources.
- Assist external entities to succeed in doing business with the Hanford Site. Innovate and implement a range of methods, instruments, and expertise to break down bureaucratic barriers that limit effective resource transfer, and to create user-friendly, customer-oriented interfaces between the Hanford Site and the private sector. Deal with nonroutine resource transfer cases that are beyond the scope of standard channels.

- Form strategic partnerships and alliances with key influential policy and decision makers, to promote strategic resource transfers and economic leverage objectives.

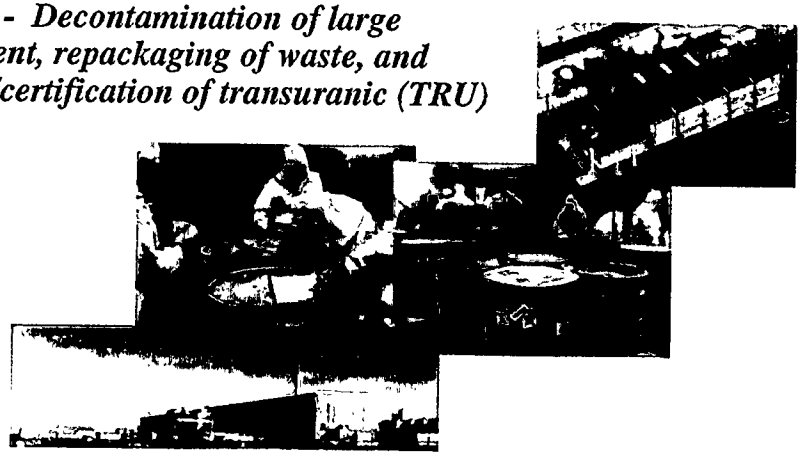
- Develop methods to systematically track, benchmark, evaluate, and report the progressive impact of resource utilization on the cleanup mission, the economic transition of the region, and the competitiveness of the United States.

WBS 7.4.9 Conversion Projects

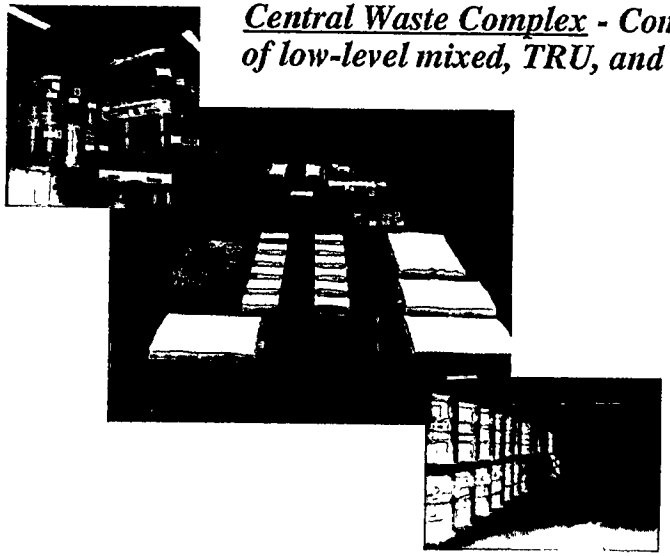
The mission of Conversion Projects is to transfer physical, intellectual, human, and fiscal resources that advance the Hanford Site cleanup mission. This function also supports new missions that may inherently benefit the economic transition of the region.

Program
Solid Waste 1.2.1

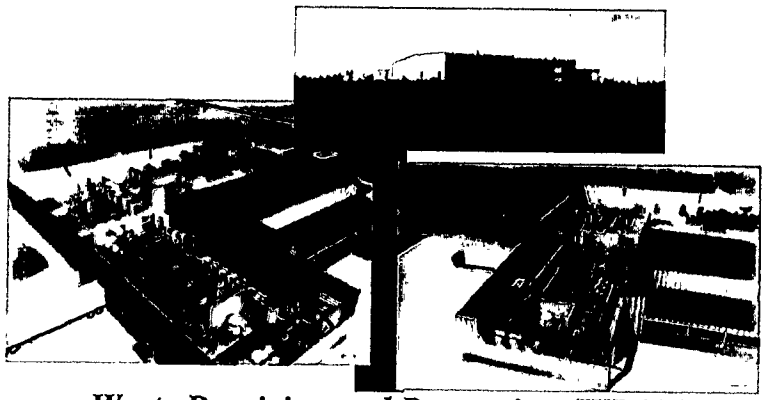
<u>T Plant</u> - Decontamination of large equipment, repackaging of waste, and storage/certification of transuranic (TRU) waste.



<u>Central Waste Complex</u> - Compliant storage of low-level mixed, TRU, and low-flashpoint wastes.



<u>Non-Radioactive Dangerous Waste Storage Facility</u> - This facility stores hazardous (dangerous) wastes prior to shipment offsite for treatment and disposal.



<u>Waste Receiving and Processing (WRAP) Facility</u> - This facility, under construction, will treat low-level mixed wastes, repackage wastes, and certify TRU waste for shipment to the Waste Isolation Pilot Plant (WIPP).

2.0 WBS

The text in this section corresponds to the WBS presented in Figure 2-1.

WBS 1 EM-30 WASTE MANAGEMENT

WBS 1.1 TWRS

The TWRS Program vision represents the goal that WHC has established for the remediation of Hanford Site tank wastes. The vision is driven by DOE-RL-D94-048, Hanford Strategic Plan and the Fiscal Year 1995 Hanford Mission Plan (WHC 1995b). These plans reflect input from all stakeholders. The TWRS Program vision is to clean up the Hanford Site tank wastes, close the tank farms by 2028, and complete shipment of waste capsules to an offsite geologic repository by 2040. The TWRS Program was recently given the responsibility for D&D and disposal processes. The D&D of private contractor facilities will be the responsibility of the private contractor. This vision will be achieved by safe retrieval, treatment, and immobilization of the tank wastes, and disposal of LLWs and HLWs. Disposal of the LLW will occur at the Hanford Site; HLW will be sent to a geologic repository. Tank structures will be stabilized in place and covered with environmental barriers that inhibit water, plant, animal, and human intrusion.

The TWRS mission (need justification) establishes the purposes of the TWRS Program as follows.

- Resolve tank waste safety issues.
- Integrate the waste disposal mission with the ongoing waste management mission.
- Assess the technical bases for tank waste management and disposal.
- Determine available technology and develop any needed technologies.
- Establish a dedicated organization and provide the resources to meet the technical challenge.

The TWRS Program mission represents the stakeholders' intent to implement the TWRS Program vision. The mission is to store, treat, and immobilize highly radioactive Hanford Site waste in a safe, environmentally sound, and cost-effective manner. Highly radioactive Hanford Site waste is defined as current and future tank waste and the cesium/strontium capsules. An analysis of the TWRS mission has been conducted, and the results are documented in WHC-SD-WM-MAR-008, Tank Waste Remediation System Mission Analysis (Knutson 1995). To achieve this mission, the TWRS Program is dedicated to minimizing environmental, safety, and health risks associated with existing tank waste stored in DSTs, SSTs, and inactive

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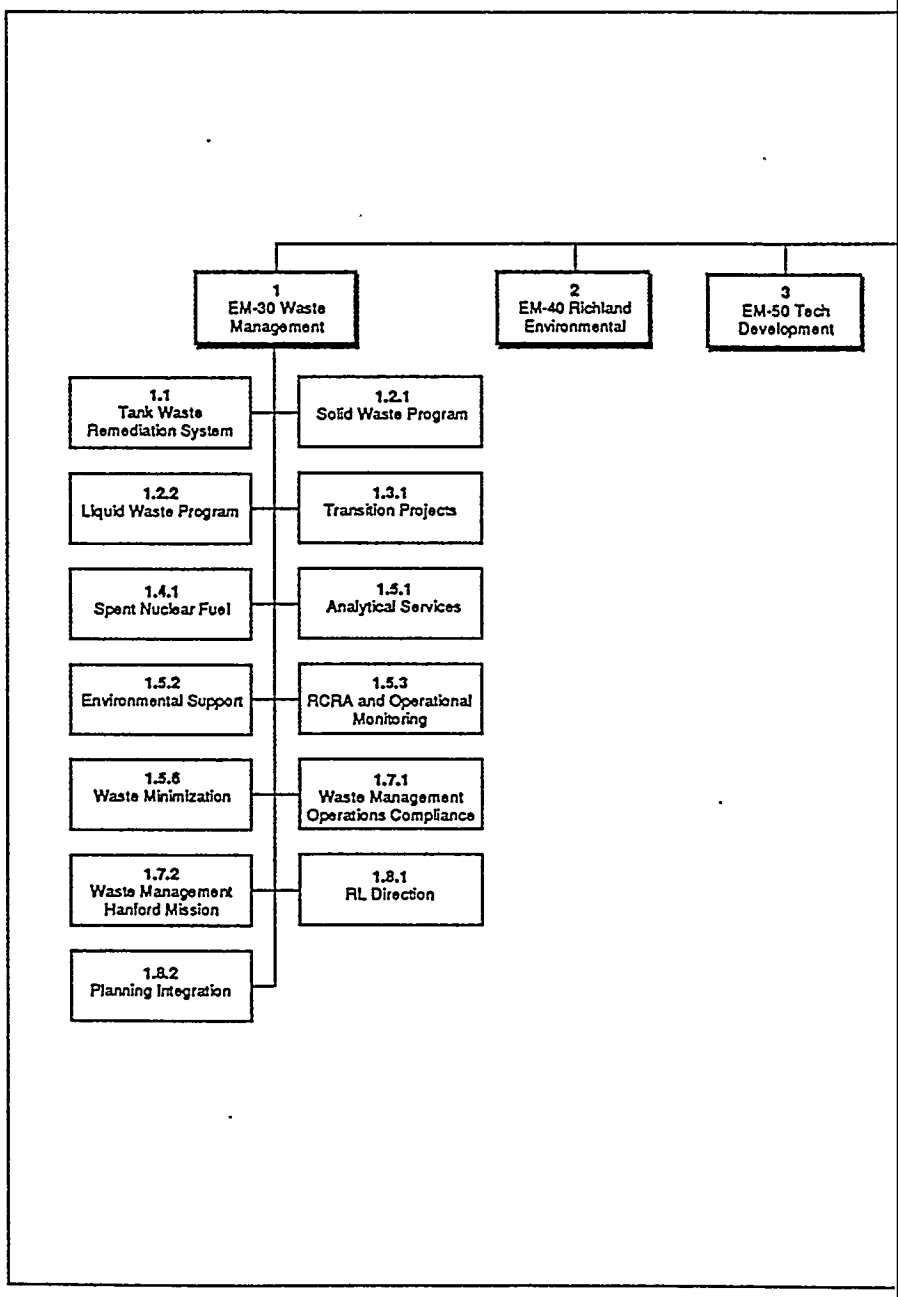
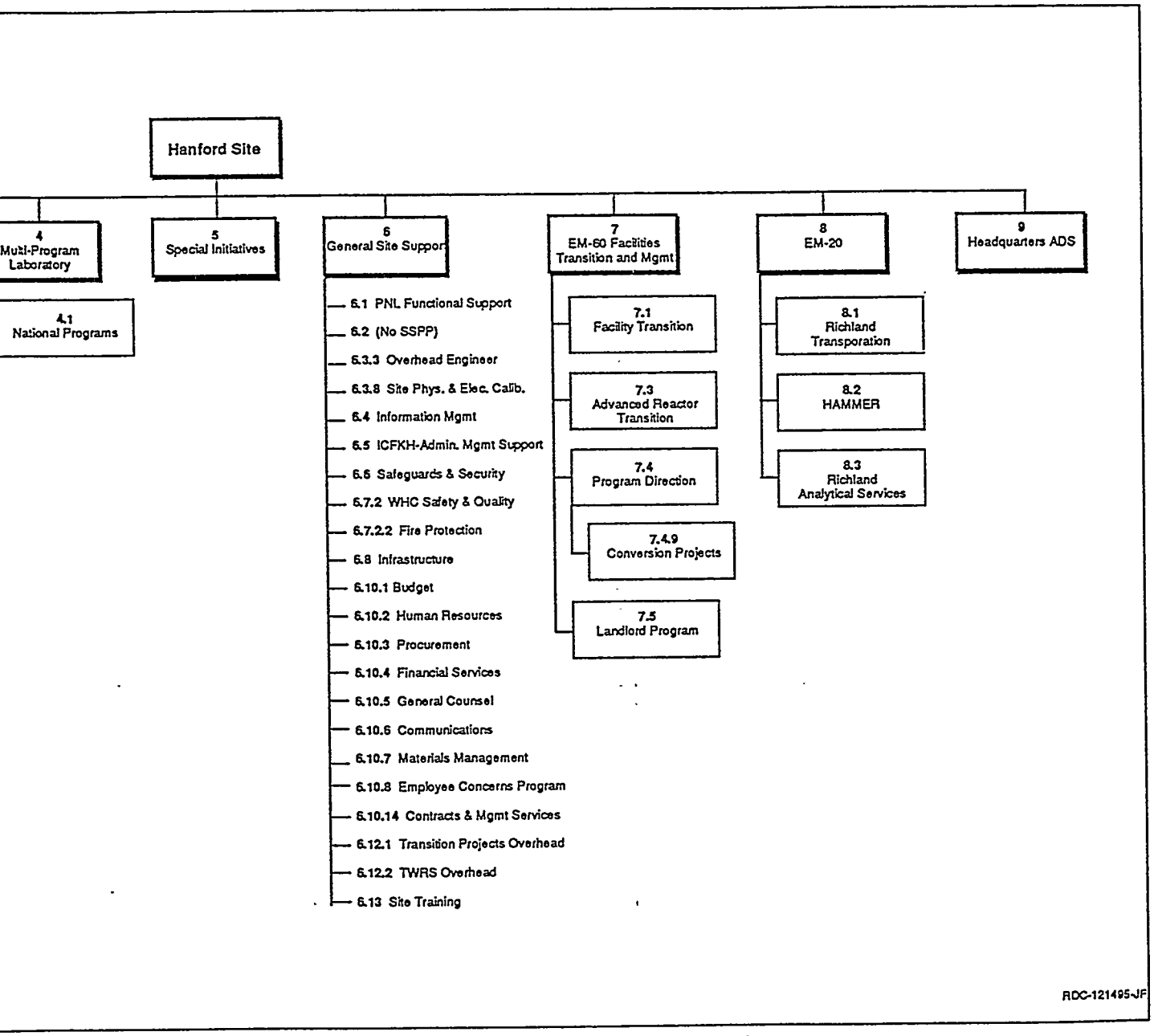

1
EM-30 Waste Management
2
EM-40 Richland Environmental
3
EM-50 Tech Development
1.1
Tank Waste Remediation System
1.2.1
Solid Waste Program
1.2.2
Liquid Waste Program
1.3.1
Transition Projects
1.4.1
Spent Nuclear Fuel
1.5.1
Analytical Services
1.5.2
Environmental Support
1.5.3
RCRA and Operational Monitoring
1.5.6
Waste Minimization
1.7.1
Waste Management Operations Compliance
1.7.2
Waste Management Hanford Mission
1.8.1
RL Direction
1.8.2
Planning Integration

Figure 2-1. Hanford Site Work Breakdown Structure.



miscellaneous underground storage tanks, and the safe operation of all TWRS facilities. Reducing safety risks is the highest priority. To complete the remediation of highly radioactive Hanford Site wastes in accordance with Tri-Party Agreement commitments and Secretarial Safety Initiatives, the TWRS Program is committed to the following goals.

- Mitigate and/or resolve safety issues and inherent risks.
- Provide a safe work place.
- Improve the management systems in the program by increasing the effectiveness of the program's managerial and financial controls.
- Become more outcome oriented.
- Focus on technology development efforts to support program objectives.
- Develop stronger partnerships with all stakeholders.

FUNCTION 4.2 REMEDIATE TANK WASTE

The objective of the function is to store, treat, and immobilize highly radioactive Hanford Site waste (existing and future tank waste and strontium and cesium capsules) in an environmentally sound, safe, and cost-effective manner.

WBS 1.2 Solid/Liquid Waste and Decontamination Services

WBS 1.2.1 Solid Waste Program

The Fiscal Year 1995 Hanford Mission Plan, Vol. I, "Site Guidance" (WHC 1995b) identifies the need for the Solid Waste Program to treat, store, and dispose of a wide variety of solid material types consisting of multiple radioactive and hazardous waste classes. This includes future Hanford Site activities that will generate new wastes that must be handled as cleanup activities are completed. Solid wastes are typically categorized as TRU, low-level, low-level mixed, and hazardous waste.

To meet this need, the Solid Waste Program has defined as its mission to receive, store, treat, decontaminate, and dispose of solid radioactive and nonradioactive dangerous wastes in a safe, cost-effective, and environmentally compliant manner. This mission will be accomplished through the following.

- Decontamination Services: Use T Plant facilities to decontaminate customer and legacy equipment and structures for re-use, recycle, free release, storage, or safe disposal. New decontamination technologies will be explored and used.

- Containerized Waste Verification and Repackaging Services: Use T Plant facilities to minimize the volume and environmental impact of low-level mixed waste.

- Liquid Waste Transfer Services: Maintain certification for at least one government-owned liquid waste tank car in accordance with 2T-33003, Railcar Re-Certification.

- Safe Interim Storage Services: Dispose of the 72 irradiated, pressurized, water reactor Core II fuel elements in the T Plant Canyon pool and the 1 nonirradiated fuel element on deck in the T Plant Canyon.

- Receipt Services: Receive, store and dispose of low-level, TRU, mixed, and dangerous solid wastes.

- Field Characterization and Certification Services: Use innovative nondestructive examination/nondestructive assay. New developments in this technology will continue to be explored and used.

- Tracking of Waste Container Inventories: The Sitewide electronic database will continue to be enhanced to improve usability and accessibility.

- Waste Characterization: Repackaging and treatment of wastes will be provided by the waste receiving and processing facilities or commercially available processes.

- Advanced disposal concepts for the disposal of Category 3 LLWs.

- Prepare for future (post-2000): Retrieval of TRU waste from below-grade storage to characterize the wastes and provide aboveground monitored storage, and prepare the waste for disposal at the WIPP (currently not funded).

- Interface with onsite and offsite generators to assist them in preparing waste for shipment to solid waste facilities.

- Hazardous and mixed waste treatment integrated with private sector capabilities (currently not funded).

FUNCTION 4.3 REMEDY SOLID WASTE

The Remedy Solid Waste function is charged with disposition of buried wastes and solid waste materials generated during past missions, and solid wastes generated during the cleanup mission.

WBS 1.2.2 Liquid Waste Program

WBS 1.2.2.1 Liquid Effluent

In the mid-1980's, the United States Congress issued a mandate that by June 1995, the Hanford Site soil column would no longer be used as the treatment media for contaminated liquid effluents generated at the Site. In April 1987, the DOE issued Plan and Schedule to Discontinue Disposal of Contaminated Liquids into the Soil Column at the Hanford Site (DOE-RL 1987). This document identified the streams and an implementation plan. The Liquid Effluent Program was created to implement this plan. The scope and schedule for the new program were formalized by the successful negotiation of the Tri-Party Agreement (Ecology et al.), and in the Washington State Waste Discharge Permit Program Consent Order No. DE 91NM-177 (Consent Order).

Successful implementation of the Hanford Site mission components and objectives, in pursuit of the Liquid Effluent Program's mission to discontinue using the soil column for treatment of contaminated liquids on the Hanford Site, will have the following impacts.

- Managing current and future liquid effluent streams in a safe, responsible, cost-effective, and legally compliant manner
- Minimizing risks and protecting the worker, public health, and the environment
- Providing an infrastructure for disposal of liquid effluents
- Achieving regulatory (Tri-Party Agreement and Consent Order) milestones
- Positioning the Hanford Site for future work.

To successfully accomplish the mission, the Liquid Effluent Program is organized into the following elements: (1) Program Management, (2) 200 Area Liquid Effluent Facilities Operations, (3) 300 Area Liquid Effluent Facilities Operations, and (4) Liquid Effluent Engineering. The missions of each of these elements are as follows.

- The DOE will establish positive working relationships to build confidence and enhance trust in the Hanford Site.
- The DOE will use the cleanup and science and technology mission elements to help the community establish a diversified and stable long-range economic base. This will be accomplished through private sector participation in cleanup, creation of local technology and service companies, and effective use of assets that are no longer required by the federal government.

FUNCTION 4.5 MANAGE AQUEOUS WASTES

The objective of this function is to manage and treat aqueous wastes that are generated by the other functions under Function 4.0, and ongoing operations (PNNL, sanitary wastes). This function develops an aqueous waste disposition plan, transports and receives aqueous waste, treats aqueous waste (if required), and dispositions the waste. Aqueous wastes that would cause a treatment facility to operate outside the safety and regulatory envelope will not be accepted. Transuranic wastes will not be processed, and the concentration of TRUs in aqueous waste processed must be below established limits. Appropriate and required documentation must accompany all aqueous waste.

WBS 1.3 Former Defense Program Facilities

WBS 1.3.1 Transition Projects

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  - Manage NM in a safe and secure condition and, where appropriate, in accordance with IAEA safeguard rules.
  - Treat NM as necessary, and store onsite in long-term interim safe storage while awaiting a final disposition decision by the DOE.
  - Implement NM disposition directives. In the near term, these are anticipated to mostly involve the transfer of uranium to other locations for beneficial use.

- Work will be in accordance with the Tri-Party Agreement and other agreements, and in compliance with all applicable federal, state, and local laws.

FUNCTION 4.1 DEACTIVATE FACILITIES

This function contains the safe operation of all facilities until further operation is no longer mission essential. The primary output of this function is eventual facility conversion to a state where transfer to Function 4.4 or 5.0 can take place.

FUNCTION 4.7 STORE, TREAT, AND DISPOSITION SNM/NM/NF MATERIALS

The management of SNM/NM/NF is the receiving, handling, processing, storing, and transfer for ultimate disposition of the materials in a safe and efficient manner. The SNM/NM/NF in this function includes plutonium as inventoried; uranium, thorium, retrieved special materials, irradiated fuel, and other irradiated non-waste materials; cesium and strontium capsules; miscellaneous actinides, such as neptunium and californium; and nuclear standards/sources.

WBS 1.4 SNF Program

WBS 1.4.1 SNF

The primary mission of the SNF Project is to provide expeditious removal and safe storage of SNF at the K Basins. The SNF Project will accomplish this mission within the customer's budget, schedule, and requirements. The project will safely, reliably, and efficiently manage, condition, transport, store, and disposition all DOE-owned SNF on the Hanford Site. In completing this mission, and while working with stakeholders and tribal nations, the project will protect the environment, Hanford Site workers, and the public while fully complying with all applicable federal, state, and tribal laws, and local laws, orders, and regulations.

The SNF Project vision is to be world-class project organization, dedicated to completing the mission expeditiously. The project is viewed by the customer and stakeholders as a cost-effective team that implements sound technical solutions.

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WBS 1.5 EM-30 Site Support

WBS 1.5.1 Analytical Services

The Hanford Site mission is to clean up the Site, provide scientific and technological excellence to meet global needs, and be a partner in the economic diversification of the region. The Hanford Analytical Services Program supports the Hanford Site mission by providing quality analytical chemistry data and process development services to meet client requirements.

Analytical Services strives to be highly valued by Hanford Site clients as a technically sound, cost-effective, high-quality, and production-oriented operation. The goal of Analytical Services is to be highly regarded by fellow employees, the DOE, its regulators, and overseers.

FUNCTION 5 PROVIDE SITE INFRASTRUCTURE SUPPORT

This function has a dual purpose: to correct unsafe or noncompliant conditions and to operate all the services and facilities not identified with the programs or integrated cleanup activities. Infrastructure support includes roads, utilities, transportation, and office buildings.

WBS 1.5.2 Environmental Support

The HEMP was established in 1986 to create and implement a structured approach toward achieving environmental compliance. The purpose of HEMP is to provide guidance and support across WHC mission areas to ensure that facilities/programs achieve compliance with environmental requirements and agreements, and to provide RL with a mechanism to coordinate specific environmental activities among its contractors. For Sitewide reports and permits, WHC coordinates the activities of all Hanford Site contractors, as directed by RL, and is subject to cooperation by the other contractors. Westinghouse Hanford Company is the focal point for regulator access and for regulator data needs and issues.

The following specific assumptions are made.

- Environmental support is required for WHC and RL to maintain compliance with environmental requirements and agreements throughout cleanup.
- As compliance requirements change, these activities will be revised to ensure that compliance is achieved to the extent funding allows.
- The nature and extent of these activities will be modified as the cleanup mission progresses and decisions are made regarding cleanup strategy.
- Facility or other contractor-specific compliance activities remain the responsibility of individual programs.

FUNCTION 2 ACQUIRE MISSION ESSENTIAL CAPABILITIES

This function provides all new intellectual and physical resources. This includes personnel, consultants, services, supplies, equipment, construction projects, and subcontracts.

WBS 1.5.3 RCRA and Operational Monitoring

The objective of this end function is to monitor and maintain groundwater monitoring wells around the RCRA TSD facilities and the remaining operational facilities on the Hanford Site. Surveillance will be performed of land surface and liquid and gaseous effluents in the 200 and 600 Areas to identify and limit the spread of surface contamination or unintentional releases and maintain the areas safe for personnel entry. Also, surveillance equipment and procedures will be periodically maintained, as required.

FUNCTION 1 MANAGE PROGRAM

This function provides all program planning, management direction, evaluation, and the management system. This function does not directly contribute to the final output but provides the management needed to conduct the mission. The function includes specification of management policies and procedures, systems engineering, program definition, configuration management, scheduling, allocation of resources, definition of performance criteria, and resolution of regulatory problems.

FUNCTION 2 ACQUIRE MISSION ESSENTIAL CAPABILITIES

This function provides all new intellectual and physical resources. This includes personnel, consultants, services, supplies, equipment, construction projects, and subcontracts.

WBS 1.5.6 Waste Minimization

The WMin/P2 Program is organized to meet federal, state, and DOE regulations, policies, and reporting requirements; and to develop a Hanford Sitewide WMin/P2 Program to reduce future risks and costs associated with managing wastes and pollutants. The WMin/P2 program team works to promote waste minimization and pollution prevention; remove barriers to WMin/P2; develop Sitewide programmatic elements that encourage and facilitate WMin/P2; collect information and prepare reports, including DOE/RL-94-96, Hanford Site Pollution Prevention Plan Progress Report - 1994 (RL 1995a), Annual Report on Waste Generation and Waste Minimization Progress for the Hanford Site - 1994 (RL 1995b), and U.S. Environmental Protection Agency Biennial Report on Waste Minimization (EPA 1994).

The U.S. Department of Energy, Richland Operations Office has designated WHC as the Hanford Site WMin/P2 lead in coordinating the Hanford Site WMin/P2 program. Westinghouse Hanford Company will coordinate WMin/P2 onsite according to the key elements for the Sitewide and generator-specific programs identified in the Waste Minimization/Pollution Prevention Crosscut Plan (DOE 1994).

Implementing an effective WMin/P2 strategy and program will reduce waste management costs and prevent harmful releases to the environment.

FUNCTION 1 MANAGE PROGRAM

The manage program function provides all program planning, management direction, evaluation, and the management system. This function does not directly contribute to the final output but provides the management needed to conduct the mission. The function includes specification of management policies and procedures, systems engineering, program definition, configuration management, scheduling, allocation of resources, definition of performance criteria, and resolution of regulatory problems.

FUNCTION 2 ACQUIRE MISSION ESSENTIAL CAPABILITIES

This function provides all new intellectual and physical resources. This includes personnel, consultants, services, supplies, equipment, construction projects, and subcontracts.

WBS 1.7 EM-30 Science and Technical Research Support

WBS 1.7.1 Waste Management Operations Compliance Program

Hanford Site Waste Management Science and Technical Compliance Operations supports Hanford EM programs by providing PNNL waste management operations to comply with applicable DOE Orders, environmental regulations, and DOE agreements.

This program at the target level includes the following:

- Waste Management Activities (includes waste operations and compliance projects)
  - Monitor and coordinate waste management operations and ensure regulatory compliance for all PNNL operations
  - Clean out legacy wastes from laboratory hot cells that are to be used for other activities or are to be transferred for D&D
  - Verify compliance by PNNL facility air and liquid effluents with regulations
  - Provide RCRA permitting for PNNL treatment operations and technology development
  - Determine and implement actions needed to ensure regulatory compliance for small tanks storing radioactive mixed wastes
  - Manage and oversee the completion of PNNL NEPA documentation
  - Provide a process for assessing PNNL facility compliance with appropriate requirements
  - Plan, manage, and report Hanford Site EM activities
- S&M Activities
  - Ensure safe operations and containment of radionuclides
  - Provide S&M of laboratory spaces in support of cleanout and other activities pending final disposition of the facilities
  - Provide containment and safe storage/disposal for large quantities of radioactive materials remaining from defunct programs
  - Create updated drawings of building systems critical to maintenance of safety and regulatory compliance
  - Support facility safety and conduct of operations
  - Support PNNL facility compliance with refrigerant regulations
- Hazards Mitigation
  - Resolve a major safety issue by removing highly dispersible contamination from the 324 Building B-Cell

- Implement a preliminary treatment strategy that will remove and stabilize the inventory of highly radioactive liquid waste from the 324 Building high-level vault tanks.

FUNCTION 2 ACQUIRE MISSION ESSENTIAL CAPABILITIES

This function provides all new intellectual and physical resources. This includes personnel, consultants, services, supplies, equipment, construction projects, and subcontracts.

FUNCTION 5 PROVIDE SITE INFRASTRUCTURE SUPPORT

This function has a dual purpose: to correct unsafe or noncompliant conditions and to operate all the services and facilities not identified with the programs or integrated cleanup activities. Infrastructure support includes roads, utilities, transportation, and office buildings.

WBS 1.7.2 Waste Management - Hanford Mission Program

The mission of the EM-30 Science and Technology Research Support - Hanford Mission Program is to monitor the Hanford Site environment to protect public safety and Hanford Site land and facility resources. This program provides integrated assessments of the impact of the Hanford Site operations on the environment to ensure the safety of the public and Hanford Site workers.

FUNCTION 1 MANAGE PROGRAM

This function provides all program planning, management direction, evaluation, and the management system. This function does not directly contribute to the final output but provides the management needed to conduct the mission. The function includes specification of management policies and procedures, systems engineering, program definition, configuration management, scheduling, allocation of all resources, definition of performance criteria, and resolution of regulatory problems.

WBS 1.8 Planning Management

WBS 1.8.2 Planning Integration

The planning integration function provides Sitewide planning, integration, oversight, and analysis of the work scope being performed, or planned to be performed, across the Hanford Site. Part of the planning process is to develop and publish the Site guidance to each of the performing programs across the Site for developing planning documents such as the ADS's and the MYPPs.

Planning Integration also provides oversight and primary customer interface for the project tracking system and the Site management system, provides the resources necessary to conduct the Sitewide strategic planning analyses and the systems engineering activities, and assesses and manages risks at a high level across the Site.

This activity provides management interface with RL customer and contractor management. Baseline development, management, and change control for this program are contained within the work scope.

The work scope of this activity is described in greater detail in the following subordinate program elements.

1.8.2.1 Management Systems.

1.8.2.2 Site Planning.

1.8.2.3 Technical Systems Integration.

1.8.2.4 Site Baseline Management.

1.8.2.5 Management Information Systems.

1.8.2.6 ADS Preparation and Coordination.

1.8.2.7 Program Management

This work scope will continue at varying levels depending on resource availability over the life of the activity at the Hanford Site.

FUNCTION 1 MANAGE PROGRAM

This function provides program planning, management direction, evaluation, and the management system. This function does not directly contribute to the final output but provides the management needed to conduct the mission. The function includes specification of management policies and procedures, systems engineering, program definition, configuration management, scheduling, allocation of all resources, definition of performance criteria, and resolution of regulatory problems.

FUNCTION 2 ACQUIRE MISSION ESSENTIAL CAPABILITIES

This function provides all new intellectual and physical resources. This includes personnel, consultants, services, supplies, equipment, construction projects, and subcontracts.

WBS 2 EM-40 RICHLAND ENVIRONMENTAL RESTORATION VISION

Vision

The vision of the RERP is that the Hanford Site will be progressively restored, preserved, or protected in ways that will make the Site available for other beneficial uses. Required cleanup standards will be achieved, and stakeholder values will be expressed and met. The required work will be performed using state-of-the-art science and technology that is cost effective over the life cycle of the project, and will protect the safety and health of workers, the public, and the environment.

To achieve this vision, the RERP will provide for integrated and phased work activities that are based on established priorities required to progressively bring the Hanford Site to a condition that permits other beneficial uses, while ensuring an injury-free workplace that minimizes environmental damage.

Mission

The mission of the RERP is to provide for the performance of activities that are required to preserve, protect, or restore the Hanford Site and permit its use for other beneficial purposes.

In support of this mission, the RERP will strive to provide the following:

- Protection of the safety and health of workers and public
- Minimization of harmful effects to the environment
- Balanced use of natural processes, aggressive restoration, and risk in the decision-making process while considering stakeholder values, land use, and life-cycle cost-effectiveness
- Focused research and development on the needs of the RERP, and use of cost-effective, state-of-the-art, innovative science and technology
- Assistance to the DOE in managing Site land resources until these resources are available for other beneficial uses.

The mission is divided into the following five components, or summary subprojects:

- Disposal Facilities
- S&M

- D&D Facilities
- Remedial Actions/Groundwater Management
- Program Management and Support.

A description of each subproject is provided in the following sections.

Disposal Facilities. This subproject includes the planning, construction, and operation of all mixed waste storage and disposal facilities that are required for the success of the RERP. The major work scope will be a final disposal facility that will receive and isolate low-level radioactive waste, hazardous waste, or a combination thereof, generated by remediation of the Hanford Site past-practice waste sites. The major regulatory drivers are the RCRA and the CERCLA.

S&M. This subproject includes the post-closure or post-remediation S&M facilities, which are anticipated to include groundwater and soil monitoring until all project activities are completed. Specific S&M activities are determined at the time of facility closure, final environmental remediation, and decommissioning.

D&D Facilities. This subproject includes the S&M facilities awaiting decommissioning, asbestos abatement, D&D facilities, and compliance with applicable regulations. Facilities included in the surplus facilities inventory are shutdown production reactors, chemical separation plants, and numerous support facilities. The D&D emphasis is on eliminating potential environmental, human health, and safety hazards by maintaining and dispositioning the surplus, inactive facilities on the Hanford Site. The 100-N Reactor complex deactivation activities and S&M will be funded as part of the D&D summary subproject. The major regulatory driver is DOE Order 5820.2A (DOE 1988).

Remedial Actions/Groundwater Management. This subproject includes the management, identification, assessment, and remediation of Hanford Site past-practice waste sites that have been inactive since March 1, 1987. Also included are the identification and completion of interim stabilization actions to mitigate the potential for the expansion of contaminated zones, and disposition of nonradioactive underground storage tanks and certain RCRA facilities. The emphasis is to bring all known waste sites on the Hanford Site into compliance with applicable federal, state, and local environmental laws and regulations. The Tri-Party Agreement (Ecology et al. 1994) is the major regulatory driver.

Program Management and Support. The program management and support subproject addresses ERC program management; management systems development; information and data management; public involvement and communications; quality, safety and health; independent assessment and environmental compliance; scientific, technical, and regulatory support; development of analytical laboratory and field screening procedures and methods; integrated sample, data management, and data retrieval; and non-project specific equipment and technical upgrades. Program Management and Support also provides the support needed to establish and maintain systems to ensure the quality of activities and deliverables, promote an injury-free workplace, ensure compliance with

applicable laws and regulations, perform cost and schedule control in accordance with DOE policy and requirements, and identify and demonstrate new technology.

FUNCTION 4.4 REMEDY/RESTORE SITES, FACILITIES, AND GROUNDWATER

This function restores sites, deactivated facilities, groundwater, and related items to an acceptable state. This function includes restoration of chemically contaminated lands, and removal or disposition of buildings, fission reactors, chemical processing plants, infrastructure, etc. This function includes new and legacy items.

WBS 3 EM-50 TECH DEVELOPMENT

WBS 4 MULTI-PROGRAM LABORATORY

WBS 5 SPECIAL INITIATIVES

The Special Initiatives mission supports programmatic requests for service to DOE offices, other organizations, and agencies. These requests can include the following:

- Supporting priority DOE initiatives
- Researching special programs
- Studying locating new activities at the Hanford Site
- Producing specialty materials
- Providing consulting support to other sites
- Managing a broad spectrum of United States and international test programs.

FUNCTION 2 ACQUIRE MISSION ESSENTIAL CAPABILITIES

This function provides all new intellectual and physical resources. This includes personnel, consultants, services, supplies, equipment, construction projects, and subcontracts.

WBS 6 GENERAL SITE SUPPORT

General Site Support includes all indirect support activities that benefit WHC and the Hanford Site. It includes General and Administration, Sitewide support, department overheads, and service pools. Costs for the 6.0 program are distributed to programs via company-level overhead rates, assessments, and unit billing for services provided.

WBS 6.10 Budget

WBS 6.10.6 Communications

The objective of this function is to develop and implement a proactive strategy to communicate internally and externally about the Hanford Site's urgent safety and environmental risks, progress in mitigating these risks, and issues of interest to various publics and Site employees. These comprehensive programs are designed to involve interested publics in decisions about Hanford Site cleanup.

FUNCTION 3 OBTAIN PUBLIC ACCEPTANCE

This function provides all the public interactions needed to complete the mission, such as public review of all plans, clarification of public values, and determining of public values needed to minimize conflicts between the stakeholder interests and mission activities.

WBS 7 EM-60 Facilities Transition and Management

WBS 7.1 Facility Transition

The primary Facility Transition projects mission is to deactivate facilities on the Hanford Site, in preparation for D&D, to provide safe and secure storage of SNM/NM/NF. Facility Transition projects will protect the health and safety of the public and workers, protect the environment, and provide beneficial use of the facilities and other resources. Work will be in accordance with the Tri-Party Agreement and local, national, and international agreements; and in compliance with all applicable federal, state, and local laws. The stakeholders will be active participants in decision-making processes, including establishing priorities and developing a consistent set of rules, regulations, and laws. The work will be leveraged to provide a positive, lasting economic impact in the region. Effectiveness, efficiency, and discipline in all mission activities will help to achieve the mission in a continuous and substantial way.

- As the mission for transition projects has shifted from production to support of environmental restoration, each facility is making a transition to support the Site mission. The mission includes the following.
  - Achieve deactivation of facilities for transfer to the HSFP, using PUREX plant deactivation as a model for future facility deactivation.
  - Achieve excellence in the conduct of operations and maintenance of nuclear facilities in support of the Hanford Site mission.
  - Manage NM in a safe and secure condition and, where appropriate, in accordance with IAEA safeguards rules.

- Treat NM as needed, and store onsite in long-term interim safe storage while awaiting a final disposition decision from the DOE.

- Implement NM disposition directives. In the near term, these are anticipated to mostly involve the transfer of uranium to other locations for beneficial use.

- Work will be in accordance with the Tri-Party Agreement and other agreements and in compliance with all applicable federal, state, and local laws.

FUNCTION 4.1 DEACTIVATE FACILITIES

This function contains the safe operation of all facilities until further operation is no longer mission essential. The primary output is eventual facility conversion to a state where transfer to Function 4.4 or 5.0 can take place.

FUNCTION 4.7 STORE, TREAT, AND DISPOSITION SNM/NM/NF MATERIALS

The management of SNM/NM/NF is the receiving, handling, processing, storing, and transfer for ultimate disposition of the materials in a safe and efficient way. The SNM/NM/NF in this function includes plutonium as inventoried; uranium; thorium; retrieved special materials; irradiated fuel and other irradiated nonwaste materials; cesium and strontium capsules; miscellaneous actinides such as neptunium and californium; and nuclear standards/sources.

WBS 7.3 ART

Following direction given by the DOE on December 15, 1993, ART is continuing the transitioning of the FFTF to a radiologically and industrially safe shutdown condition. The ART MYPP, the Fast Flux Test Facility Transition Project Plan (WHC 1995a), and the FFTF Transition Project Resource Loaded Schedule are defined for the life of the project. During the transitional 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 NE Programs and are no longer required to support the liquid metal reactor program will be deactivated and transferred to the ERC for final disposition, as appropriate.

In addition to the FFTF Transition Project, the ART program is responsible for the S&M of the 308 Building, which is in a safe shutdown state; the Plutonium Recycle Test Reactor/309 Building S&M, and deactivation/compliance to a safe shutdown state; the safeguarding and disposition of the Test Reactor and Isotope Production; General Atomics fuel; and the disposition of NE Legacy facilities at Hanford.

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

FUNCTION 4.1 DEACTIVATE FACILITIES

This function contains the safe operation of all facilities until further operation is no longer mission essential. The primary output is eventual facility conversion to a state where transfer to Function 4.4 or 5.0 can take place.

FUNCTION 4.7 STORE, TREAT, AND DISPOSITION SNM/NM/NF MATERIALS

The management of SNM/NM/NF is the receiving, handling, processing, storing, and transfer for ultimate disposition of the materials in a safe and efficient way. The SNM/NM/NF in this function includes plutonium as inventoried; uranium; thorium; retrieved special materials; irradiated fuel and other irradiated nonwaste materials; cesium and strontium capsules; miscellaneous actinides such as neptunium and californium; and nuclear standards/sources.

WBS 7.4 Program Direction

WBS 7.4.9 Conversion Projects

The mission of Conversion Projects is to transfer physical, intellectual, human, and fiscal resources that advance the Hanford Site cleanup mission, and to support new missions that may inherently benefit the economic transition of the region.

FUNCTION 6 TRANSFER RESOURCES FOR BENEFICIAL USE

The objective of this function is to transfer physical, intellectual, human, and fiscal resources that advance the Hanford Site cleanup mission and may be beneficial to the economic transition of the region. This function also markets/brokers the creation, negotiation, and fulfillment of formal agreements that transfer resource use, ownership, custody, or management responsibilities into and out of the Hanford Site and monitors the related impacts.

Scope

The scope of this function is as follows.

- Catalog an inventory of resources that are transferable onto and off the Hanford Site. Create customers and markets for the Hanford Site and community resources. Search the market worldwide for potential users and uses of resources. Open existing and new Hanford Site markets to local, regional, national, and international businesses. Set objectives and priorities to achieve synergy between cleanup goals and regional economic development plans. Resource transfers are to contribute to the Hanford Site cleanup mission, and may be used to leverage expansion and diversification of the local/regional economic base toward one that is less dependent on the Hanford Site, and to enhance United States competitiveness.

- Provide brokerage services for negotiations, implementation, and closure of transfer cases. Create and implement resource transfer and economic development vehicles such as technology transfers, technology acquisitions, outsourced services, business spin-offs, and converted physical resources.

- Assist external entities to succeed in doing business with the Hanford Site. Innovate and implement a range of methods, instruments, and expertise to break down bureaucratic barriers that limit effective resource transfer, and to create user-friendly, customer-oriented interfaces between the Hanford Site and the private sector. Deal with nonroutine resource transfer cases that are beyond the scope of standard channels.

- Form strategic partnerships and alliances with key influential policy and decision makers to promote strategic resource transfers and economic leverage objectives.

- Develop methods to systematically track, benchmark, evaluate, and report the progressive impact of resource utilization on the cleanup mission, the economic transition of the region, and United States competitiveness.

WBS 7.5 Landlord Program

The objective of this effort is to manage and execute the scope associated with landlord programs. It encompasses the management of infrastructure capital projects in support of the Hanford Site mission (line items, general plant projects); the acquisition of capital equipment as related to construction; expense funded projects (roof repair and demolition); and overall program management, planning, and control. The work statement is as follows: Complete agreed upon scope identified in the approved MYPP in accordance with applicable regulations, requirements, and DOE Orders.

FUNCTION 5 PROVIDE SITE INFRASTRUCTURE SUPPORT

This function has a dual purpose: to correct unsafe or noncompliant conditions and to operate all the services and facilities not identified with the programs or integrated cleanup activities. Infrastructure support includes such items as roads, utilities, transportation, and office buildings.

WBS 8 EM-20

WBS 8.2 HAMMER

HAMMER is a training and education program for hazardous material, waste management, and emergency response workers. The HAMMER facility is operated as a user center that hosts, brokers, and integrates the capabilities of its partnering organizations to ensure the delivery of state-of-the-art training and educational

curricula. HAMMER's initial emphasis is the delivery of products and services for the DOE, DOE contractor workers, managers, and emergency responders at the Hanford Site, and along DOE's transportation corridors. This includes training that can make effective use of HAMMER facilities and programs.

Beyond the Hanford Site, the entire DOE complex will benefit from the training approaches demonstrated at the HAMMER facility. Thus, HAMMER will:

- Host hands-on performance-based health and safety training to save lives and reduce costs.
- Enhance the skills and knowledge of environmental cleanup and emergency responders.
- Support the diversification of the regional economy surrounding the Hanford Site by making training a new industry.

HAMMER facilities and programs will be versatile enough to meet the training needs of the Hanford Site as cleanup evolves and as new technologies are used.

FUNCTION 5 PROVIDE SITE INFRASTRUCTURE SUPPORT

This function has a dual purpose: to correct unsafe or noncompliant conditions and to operate all the services and facilities not identified with the programs or integrated cleanup activities. Infrastructure support includes such items as roads, utilities, transportation, and office buildings.

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Aerial photo of 200 Area Effluent Treatment Facility and Liquid Effluent Retention Facility (LERF) Basins

Liquid Effluents
1.2.2.1

3.0 KEY HANFORD SITE PLANNING ASSUMPTIONS

The following key Hanford Site planning assumptions are based on the Fiscal Year 1995 Hanford Mission Plan (WHC 1995b).

- The 200 Area plateau will be maintained as a waste collection, TSD site.
- Special nuclear material and uranium will be converted to a form suitable for storage and transport.
- Special nuclear material will be stored until final disposition is determined.
- Unirradiated uranium will be offered for offsite use.
- Cesium/strontium capsules will be overpacked and disposed offsite as HLW.
- Irradiated fuel will be disposed offsite without reprocessing (stabilization of metallic fuel will be required).
- Single-shell tank waste will be retrieved, partitioned, and immobilized.
- Double-shell tank waste will be retrieved, partitioned, and immobilized.
- High-level waste will be disposed offsite.
- Low-level waste will be disposed onsite.
- Post-1970 TRU waste will be disposed offsite.
- Nonradioactive hazardous waste will be shipped offsite for treatment and disposal.
- The Tri-Party Agreement and its amendments will continue to provide the basis for cleanup.
- Tank structures and contaminated soil will be disposed in situ.
- Site specific rods and measures will be made on contaminated groundwater.
- Contaminated facilities in the 200 Area will be disposed in place, after deactivation and decontamination.
- Facilities outside the 200 Area will be demolished if there is no identified future use.

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Stabilization of 236 containers of plutonium sludge was completed three months ahead of schedule and the material safely stored in PFP's shielded vault

Transition Projects 1.3.1/7.1

4.0 KEY PROGRAM ASSUMPTIONS

1.1 TWRS (EM-30)

- The Tri-Party Agreement and its amendments will continue to provide the basis for much of the cleanup activity at the Hanford Site. There are assumptions associated with the Tri-Party Agreement that must be considered when resolving issues, such as funding.

- Privatization will be accomplished in two phases: demonstration of performance in a privately owned plant (Phase 1), and large-scale production operations in a privately owned plant (Phase 2). Phase 1 will not include retrieval. Decontamination and decommissioning of the facilities is the responsibility of the private contractor.

- Responses to the policy and programmatic issues from the system requirements review action plan will be accepted.

- Current planning assumes full retrieval with 99% removal of waste.

- Disposition and closure of all tank farm structures will be done under RCRA TSD criteria rather than using RCRA past-practice criteria for the SSTs.

- Glass will be the immobilization medium for HLW and LLW fractions.

- An overpack configuration of the existing capsule material will be acceptable for repository disposal.

- Soil that is contaminated from earlier tank leaks located beneath SSTs is assumed to be left in place without treatment. It will be protected by the same barrier cover installed over the tank structures. Contaminated soil associated with cleanup/removal of ancillary equipment will be remediated.

1.2 AND 1.5 WASTE PROGRAMS (EM-30)

Solid Waste

- Startup and operation of the LLW line in Waste Receiving and Processing Module 1 will meet Tri-Party Agreement Milestone M-18 on March 31, 1997.

- Contact-handled low-level mixed waste stabilization treatment will consist of direct disposal, onsite treatment, and commercial treatment. Transfer of waste to the vendor awarded the contact-handled low-level mixed waste stabilization treatment contract will meet Tri-Party Agreement Milestone M-19 on September 30, 1999.

- The WIPP will be able to receive waste from the Hanford Site until all Hanford Site TRU waste is transported to WIPP. Assuming the current funding profile, the Hanford Site will begin WIPP shipments no sooner than fiscal year (FY) 2006. No Hanford Site TRU processing is planned within the current planning window.

- No retrieval or processing of TRU waste is required before 2005.

- Low-level waste disposal at the Hanford Site will continue without a new solid waste program environmental impact statement.

- Continued indefinite storage of mixed wastes requiring incineration is acceptable to regulators. Funding identified for FYs 1996 to 2002 is inadequate to implement the present contract.

Liquid Effluents

- The Effluent Treatment Facility is scheduled to operate 6 months in FY 1996 with 11 Mgal of feed.

- It is assumed that there will be no accumulation of solids in the Liquid Effluent Retention Facility basins requiring special cleanout actions.

- Assume the National Pollutant Discharge Elimination System permit re-opener negotiations are successful and that the 300 Area Treated Effluent Disposal Facility will remain compliant and continues to operate with the current process train.

- The 340 Facility will transition under RCRA from a less than 90-day storage facility to a permitted facility (Part B).

- Interim milestones will be negotiated into the Tri-Party Agreement to allow transition of the 340 Facility from a less than 90-day storage facility to a RCRA TSD-permitted storage facility.

Analytical Services

- Facility life extension for 222-S will be maintained to approximately 2025 when a replacement laboratory is planned.

- Renegotiate Tri-Party Agreement Milestone M-32-02 to reflect funding levels for Project W-087, 222-S Radioactive Waste Transfer Line Replacement.

RCRA and Operational Monitoring

- One new site per year will begin groundwater Quality Assessment Monitoring.

- Average cost for decommissioning wells is estimated at $40,000 per well.

- The regulatory requirement to install up to 50 new RCRA wells per year will be formally revisited in FY 1996.
- Specific needs for FY 1996 are much less than 50 wells, and the program will not proceed with the 15 deep wells in FY 1996.
- Typical well depths will be similar to those in the central plateau.
- Legal monitoring and surveillance requirements will not be changed.
- Fifteen deep characterization wells, required by a Tiger Team finding, are estimated as nonhazardous and nonradioactive, but require extensive sampling during drilling.
- Initially identified wells to be installed during 1996 include one well at the nonradioactive dangerous waste landfill (M-24-00), one well at the SSTs, and two wells at the 216-A37-1 crib. These are included in the scope. The Washington State Department of Ecology may require additional wells.

1.4 SNFs (EM-30)

- To achieve the aggressive schedule to commence removing fuel from the K Basins by December 1997 will require business-as-usual methodologies to be challenged, and innovative work strategies implemented. Key administrative and management assumptions used during the development of this technical, schedule, and cost baseline follow. Approval of innovative and expedited contracting/acquisition strategies that maximize the use of commercial nuclear standardized designs, experience, and infrastructure associated with spent fuel storage and transportation will be used.
- The DOE, in conjunction with WHC, will provide an expedited capital project authorization process.
- The necessary capital and expense funds will be provided to support the expedited schedule.
- The RCRA requirements and the State of Washington Dangerous Waste Regulations do not apply to the SNF management activities conducted at the K Basins, the canister storage building, and the conditioning facility.
- It is anticipated that sludge will be designated as dangerous waste and will be shipped to the TWRS.

1.7.1 PNNL (EM-30)

- Tri-Party Agreement Milestone M-32-09 will be formally approved by the Washington State Department of Ecology and the EPA; the Tri-Party Agreement will continue to be embraced by all signatories as written.

- The WHC Special Case Waste Storage Facility (WHC Project W-272, WHC ADS 2200-0 TDD AR) will be established on time to meet the B Cell schedule.

- The PNNL Category II nuclear facilities will continue to support the Hanford Site cleanup mission and require S&M activities.

- No permanent storage of ^{137}CsCl will be permitted in the 300 Area. This material must be repackaged and transferred to the Waste Encapsulation and Storage Facility (WESF) as soon as possible.

1.8.2 PLANNING INTEGRATION (EM-30)

- The Planning Integration MYPP assumes that a Management and Integrating Contractor will be selected in FY 1996, with a transition from the current Management and Operations Contractor to be completed by September 30, 1996. This is the rationale for providing only FY 1996 data in this MYPP, as specific responsibilities for work scope beyond the end of FY 1996 cannot be defined now.

2.0 RERP (EM-40)

- All waste is considered CERCLA; therefore, land disposal restrictions do not apply. Virtually all environmental restoration waste from the 100 and 300 Areas will be disposed of in the Environmental Restoration Disposal Facility.

- The 100 Area Record of Decision was issued September/October 1995.

- The 300 Area Record of Decision will be issued in the winter/spring of 1996.

- Groundwater operable units will be remediated in accordance with the Hanford Sitewide remediation strategy (containment and mass reduction).

- The 100 Area reactors will be placed in interim safe storage with eventual disposition of one piece removal of the reactor block and burial in the 200 Area.

- The N Reactor deactivation activities will be complete by April 1, 1997, 6 months ahead of schedule. Funding beyond target level, as identified in this work plan, is required to accomplish this acceleration.

- A decision on the N Springs barrier wall has been deferred until after February 1996. If needed, a baseline change proposal will be submitted to add scope and budget.

7.0 TRANSITION PROJECTS (EM-60)

- Defense programs will continue to provide funding of $20,679,000 annually. Additional work scope previously funded by the defense program will be funded by EM-60.

- In B Plan, the ability to adequately isolate the radiological inventory in the high-efficiency filters and effect a recategorization of the facility to a low-hazard facility is not certain, but is used as a reasonable planning assumption.

- Cesium and strontium capsules will be transferred to the High-Level Waste Defense Program by 2011, and WESF transitioned to EM-40 by 2013. Long-range schedules will reflect this strategy. However, until negotiations have been completed for the transfer of WESF to EM-40, the S&M of WESF will continue to be funded in this MYPP.

- Completion of the 300 Area Fuel Supply Shutdown Program will be accelerated to mid-FY 1999.

- The north portion of the 313 Building will be leased for 3 years, from August 1994 to August 1997. Planning assumes the building will be shut down in FY 1998.

- Discussion will continue with EM-40 to decide 313 Building transfer and demolition. No funding for 313 Building demolition has been identified in this program plan. EM-60 will provide FY 1996 and FY 1997 funds for isolation of the south portion of the 313 Building.

- The Hanford Site has 35 identified plutonium environmental, safety, and health vulnerabilities. Many of the identified vulnerabilities will be corrected through the stabilization and packaging activities required by the Defense Nuclear Facility Safety Board Recommendation 94-1 Implementation Plan. Others will be corrected as part of plutonium handling facilities transition (deactivation) to the Environmental Restoration Program. The remaining cannot be fully corrected until environmental restoration is complete. Vulnerabilities associated with stabilization and packaging of plutonium bearing materials will be mitigated by May 2002.

- A variety of dissimilar fuel types are stored, or will be stored, at the Plutonium Finishing Plant (PFP); including Los Alamos molten plutonium reactor experiment fuel, FFTF fuel, and SNM. The planning basis assumes that these SNF inventories will remain at PFP at least until final disposition is determined through the SNF environmental impact statement. Storage of SNM within existing PFP secure vault areas will continue throughout the foreseeable future.

As permitted by the State of Washington and required by Site support needs, SNM will be consolidated at PFP to permit the reduction in the number of protected areas throughout the Hanford Site.

- The unirradiated FFTF fuel pins and assemblies at PFP are considered acceptable as-is for long-term storage and no further actions are envisioned for these materials.

- The contained plutonium has no asset value.

- The PFP dangerous waste tank integrity assessments and related reports will be completed in FY 1998, but no related upgrades other than those already planned will be required by the assessments.

- The PFP transition project end point is anticipated in FY 2008. This end point is not the cessation of all activities as with other Hanford Site facilities. Instead, this end point assumes the continued operation of all SNM shipping, receiving, storage and vault systems, including all safeguards and security systems plus laboratory capabilities as needed for an indefinite period.

- The Hanford Site will continue to receive SNM from other sites to support the DOE national mission. Quantities received will not exceed current storage capacity.

7.3 ART (EM-60)

- The fuel storage vessels will be defueled. The fueled components will be washed, packaged, and stored in the 400 Area interim storage area and the PFP protected area. The sodium-bonded metal fuel will be washed and shipped to Idaho National Engineering Laboratory.

- Disposition of the NE Legacy items will continue consistent with WHC-SD-FF-MP-001, Hanford Site Sodium Management Plan (Guttenberg 1995).

7.5 LANDLORD PROGRAM (EM-60)

- Although the infrastructure is aging, planning is based on as-needed maintenance and replacements only, with no upgrades or out-year mortgages.

- Only normal anticipated operation, maintenance, and administrative activities will occur during the planning period.

- The current steam production operations in the 284 East and 384 Facilities will be required for FY 1996, but will be terminated before FY 1997.

- The Site workforce will drop from 19,000 to approximately 14,200 by the end of 1995. Further reductions of 1,000 to 3,000 workers are projected over the next 2 years. This will be followed by a gradual decrease in the workforce over the next 5 to 30 years.

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Recent re-roofing of the K-Basins

Spent Nuclear Fuels (SNF) Project 1.4.1

5.0 SITE INTEGRATED SCHEDULE

SUMMARY ACTIVITY LISTING

ACT ID	DESCRIPTION	START	FINISH	MS TYPE
1.1 TANK WASTE REMEDIATION SYSTEM				
B140	Perf Waste Recpt, Trans & Evap Engr & Analysis	07/19/1995	09/30/2005	
B205	Disposition East/West Retired Facilities	10/01/2001	09/30/2005	
B270	Project W-058 Cross Site Transfer	07/19/1995	02/27/1998	
B280	Project W-314 Tank Farm MSA Upgrade	07/19/1995	10/28/2005	
B290	Project W-030 TF AY & AZ Vent Upgrades	07/19/1995	12/31/1996	
BMS001	M-41-00 Complete SST Interim Stabilization	09/29/2000	09/29/2000	TPA
BMS002	M-43-00 Complete Tank Farm Upgrades	10/28/2005	10/28/2005	TPA
CMS001	M-40-00 Mitigate/Resolve Tank Safety Issues	09/28/2001	09/28/2001	TPA
D1	Characterize TWRS Tank Waste	10/02/1995	09/30/2004	
DMS005	M-44-00 - Issue TCRs for 177 HLW Tanks	09/30/2004	09/30/2004	TPA
E400	Tank Farm Closure - DST	10/01/2019	09/30/2032	
E420	Tank Farm Closure - SST	10/01/2013	09/30/2024	
E426	Post Closure Monitoring	10/01/2024	04/06/2037	
EMS002	M-45-00 Complete Closure of SSTs	09/30/2024	09/30/2024	TPA
F100	Phase I - Bid & Award Phase I Contracts	08/01/1995	08/30/1996	
F110	Phase I Design, Final Selection & Permitting	09/03/1996	12/30/1999	
F200	Phase I Construction & Cold Startup	01/03/2000	07/01/2002	
F210	Phase I Hot Startup & Operations	07/02/2002	12/31/2004	
F300	Phase II - Design, Permit, License, Const & SU	01/04/2005	01/03/2011	
F310	Phase II - LLW Immobilization Operations	01/04/2011	12/31/2021	
F320	D & D LLW Facility	01/03/2022	12/30/2026	
FMS001	M-60-00 Complete LLW Vitrification	12/31/2021	12/31/2021	TPA
FMS002	M-60-05 Initial Hot Ops LLW Vit Facility	07/02/2002	07/02/2002	TPA
G080	Develop Pretreatment Capability	07/19/1995	07/12/2000	
G090	Phase I HLW Pretreatment	07/13/2000	01/03/2011	
G095	Phase II HLW Pretreatment	01/04/2011	12/31/2021	
G120	Phase I Design, Final Selection & Permitting	09/03/1996	12/30/1999	
G130	Phase I Construction & Cold Startup	01/03/2000	07/01/2003	
G140	Phase I Hot Startup & Operations	07/02/2003	12/31/2004	
G200	Phse II - Design, Permit, License, Const & SU	01/04/2005	01/02/2013	
G210	Phase II - HLW Immoblization Operations	01/03/2013	12/29/2028	
G220	D&D HLW Facility	01/01/2029	12/30/2033	
GMS001	M-51-00 Complete HLW Vitrification	12/29/2028	12/29/2028	TPA
GMS002	M-50-00 Complete Pretreatment Processing	12/31/2021	12/31/2021	TPA
H100	LLW Storage & Disposal	07/02/2002	12/31/2021	
H105	Closure of Disposal Facilities	01/03/2022	09/30/2026	
H200	Interim Storage of Immoblized HLW	07/02/2003	09/28/2040	
H205	High Level Waste Disposal (Off-Site)	10/01/2035	09/28/2040	
H300	Process Cs & Sr Capsules for Disposal	10/03/2011	10/04/2027	
H302	Prepare for Disposal of Cs & Sr Capsules	10/02/1995	09/30/2011	
H310	D&D of Capsule Processing Facility	10/05/2027	09/28/2029	

SUMMARY ACTIVITY LISTING

ACT ID	DESCRIPTION	START	FINISH	MS TYPE
1.2.1 SOLID WASTE DISPOSAL				
SW1211410	RECEIVE WASTE FROM ALL ONSITE GENERATORS	10/01/1992	09/28/2035	
SW1211420	RECEIVE WASTE FROM OFFSITE GENERATORS	10/01/1992	09/28/2035	
SW1211620	LLMW STABILIZATION CONTRACT -PROCURE & IMPL	10/02/1995	09/28/2035	
SW1212110	WRAP 1 CONSTRUCTION	06/01/1994	03/29/1996	
SW1212120	COMPLETE WRAP 1 CONSTRUCTION (TPA M-18-01)	03/29/1996	03/29/1996	TPA-I
SW1212210	WRAP 1 START-UP	04/01/1996	03/31/1997	
SW1212310	INITIATE WRAP 1 OPERATION (TPA M-18-00)	03/31/1997	03/31/1997	TPA-M
SW1212320	WRAP 1 OPERATION	04/01/1997	09/30/2031	
SW1212520	SHIP TRU WASTE TO WIPP	10/01/2007	09/29/2017	
SW1216530	LLBG CLOSURE COMPLETE	09/30/2026	09/30/2026	OTHER
SW1217100	LOW DOSE EQUIPMENT DECON/SAMPLING (2706-T)	10/03/1994	09/28/2018	
SW1217150	HIGH DOSE EQUIPMENT/WASTE DECONTAMINATION	10/03/1994	09/28/2018	
SW1217350	TRANSFER SPENT FUEL FROM T-PLANT TO SNF	10/01/2003	09/30/2004	
1.2.2 LIQUID EFFLUENT				
1A2211	200A TREATED EFFLUENT DISPOSAL FACILITY (TEDF)	10/02/1995	09/28/2033	
1A2214	200A ETF PROCESS OPERATIONS	10/02/1995	09/28/2001	
1A2214_D&D	ETF PROCESS OPS DECONTAMINATION&DECOMMISS	09/29/2033	08/04/2037	
1A2214_OUTYEAR	200A ETF PROCESS OUTYEAR OPERATIONS	10/01/2001	09/28/2033	
1A231	300A 310 FACILITY OPERATIONS	10/02/1995	09/28/2001	
1A231_OUTYEAR	300A 310 FACILITY OPERATIONS	10/01/2001	09/30/2025	
1A234	300A 340 FACILITY OPERATIONS	10/02/1995	09/28/2001	
1A2502	BAT IMPLEMENTATION PHASE II STREAMS	10/02/1995	10/31/1997	
1A2502_M	BAT IMPLEMENTATION PHASE II STREAMS	10/31/1997	10/31/1997	TPA
SWD_ETF_FEED01	LLMW TRENCH LEACHATE	10/01/1996	09/28/2029	
SWD_TEDF_FEED01	T PLANT EFFLUENT	10/02/1995	09/28/2029	
TRAN_TEDF_FEED01	PUREX EFFLUENT	10/02/1995	09/26/1997	
TRAN_TEDF_FEED02	B PLANT EFFLUENT (INCL. W-252 EFFLUENT)	10/02/1995	09/27/2002	
TRAN_TEDF_FEED03	PFP EFFLUENT	10/02/1995	09/28/2007	
TWRS_ETF_FEED02	LLW VITRIFICATION WASTE	06/01/2005	09/28/2029	
TWRS_ETF_FEED03	HLW VITRIFICATION WASTE	12/01/2009	09/28/2029	
TWRS_TEDF_FEED02	242-A EVAPORATOR EFFLUENT	10/02/1995	09/28/2011	
1.3.1 B-PLANT/WESF				
1KB3PA	ISSUE ENDPOINT CRITERIA	10/02/1995	09/30/1996	
1KB3PB	PREPARE PROGECT MANAGEMENT PLAN	10/01/1996	04/30/1997	
1KB3PC	COMPLETE STAKEHOLDER NEGOTIATIONS	05/01/1997	09/29/2000	
1KB3PE	ISSUE SURVEILLANCE & MAINTENANCE PLAN	10/02/2000	09/28/2001	
1KB3PM	TRP-01-601, COMPL B-PLANT DEACTIVATION	09/30/2002	09/30/2002	HQ
1KB3WA	TRANSFER CAPSULES TO TWRS	10/01/2008	08/16/2011	
1KB3WB	WESF DEACTIVATION	08/17/2011	09/30/2013	

SUMMARY ACTIVITY LISTING

ACT ID	DESCRIPTION	START	FINISH	MS TYPE
1.3.1 B-PLANT/WESF(CONT)				
1KB6AA	CAPSULE PREP,DESIGN VERIF, SHIP TO PNL	10/02/1995	11/19/1997	
1KB6AC	REENCAPSULATE/SHIP CS CAPS FROM PNL	11/20/1997	08/17/1998	
1KB6AD	TRP-98-703,ALL CAPSULES SHIPPED TO WESF	09/30/1998	09/30/1998	RL
1KBW00	M/S, WESF DEACTIVATION COMPLETE	09/30/2013	09/30/2013	OTHER
1.4.1 SPENT NUCLEAR FUEL				
1L0001____	M/S Complete SNF K Basin Project	12/01/2000	12/01/2000	RL
LCC011____	Turnover K-Basins to Transition Projects	12/01/2000	12/01/2000	
LDH02C____	M/S Complete Sludge Removal	11/01/2000	11/01/2000	RL
LJR011____	Purex ... SPR_Fuel Removed ...	12/05/1995	12/05/1995	
LJR012____	Purex ... N_Fuel Removed ...	01/09/1996	01/09/1996	
LJR03____	T-Plant	10/02/1995	09/30/2005	
LJR042____	Start Transfer of PNL Lab Fuel to 200A ISA	04/03/2000	04/03/2000	
LJR06____	FFTF	10/02/1995	09/30/2011	
1.5.1 ANALYTICAL SERVICES				
1YL1120A10	PROVIDE COMMERCIAL LAB SERVICES	10/02/1995	03/31/1997	
1YL1120A11	CONTINUE COMMERCIAL LAB SERVICES	04/01/1997	09/28/2001	
1YL1120A12	CONTINUE COMMERCIAL LAB SERVICES(Comp 10/1/2070)	10/02/2001	09/27/2045	
1YL1130B13	M-14-00 DOE SHALL COMPLY WITH SENIOR EXEC. COMM.	10/31/1995	10/31/1995	TPA
1YL4VC0A10	W-178 CONSTRUCTION	10/02/1995	03/31/1997	
1YL4VC0A13	M-32-02 COMP. 219-S TANK INTERIM STATUS ACTIONS	03/31/1997	03/31/1997	TPA
1YL5330C10	WSCF BLDG OPS FOR ANALYTICAL SUPPORT	10/02/1995	09/30/2025	
1YL5330C11	CONTINUE WSCF BLDG OPS FOR ANALYTICAL SUPPORT	10/01/2025	09/30/2033	
1YL6330B10	MAINTAIN 222-S LAB OPERATIONS/MAINTENANCE	10/02/1995	09/30/2013	
1YL6330B11	CONTINUE 222-S LAB OPERATIONS/MAINTENANCE	10/01/2013	12/31/2021	
1YL6330B1I	CONSTRUCTION- HIGH LEVEL LAB	10/03/2022	09/30/2025	
1YL6330B1J	OPERATIONS - HIGH LEVEL LAB FOR ANALYT. SUPPORT	10/01/2025	12/29/2028	
1.5.2 HANFORD ENV MGMT				
HEMP01	M-32-00 COMP ID DANGEROUS WASTE TANK CORR ACT	09/30/1999	09/30/1999	TPA
1.5.3 RCRA & OPERATIONAL MONITORING				
1R43...01DRIVER	LAST FACILITY ON SITE CLEAN CLOSED	09/29/2045	09/29/2045	RL
1R43...03DRIVER	LAST FACILITY ON SITE D&D ACTIVITY COMPLETE	09/28/2040	09/28/2040	RL
3R42G3.00M2400.A	M-24-00 INSTALL RCRA GRD WATER MONITOR WELLS	12/30/1999	12/30/1999	TPA-M
1.5.6 WASTE MINIMIZATION				
1YPH810020	Waste Min. -Outyear, Pollution Prevention Prog	10/01/1998	09/30/2002	

SUMMARY ACTIVITY LISTING

ACT ID	DESCRIPTION	START	FINISH	MS TYPE
1.7.1 PACIFIC NORTHWEST NATIONAL LABORATORY				
PNNL710548	Pollution Prevention/Waste Minimization Project	10/03/1994	09/30/2002	
PNNL711270	324 Surveillance & Maintenance Project	10/03/1994	09/29/2000	
PNNL711587	325 Building Surveillance & Maintenance Project	10/03/1994	09/30/2002	
PNNL711722	B-Cell Cleanout Project	10/03/1994	03/31/2000	
PNNL715000	M-89-00, Closure of Non-Permitted Mixed Waste	09/29/2000	09/29/2000	TPA
PNNL715200	Outyear - Surveillance/Maint of Misc Facilities	10/01/2002	04/29/2009	
PNNL715700	CsCl Legacy Safety Program	10/03/1994	09/30/1996	
2.0 BECHTEL - ENVIRONMENTAL RESTORATION				
ER--0015..	M-15-00, Compl RI/FS (RFI/CMS) Process - OU's	09/28/2029	09/28/2029	TPA
ER--0016..	M-16-00, Compl Remedial Actions & 100 Area D&D	09/29/2028	09/29/2028	TPA
ER--0070..	M-70-00, Disposal Facility Operational	09/30/1996	09/30/1996	TPA
ER--3120.A	100 HR Source, RA Design/Treat - High	10/03/1994	08/29/2003	
ER--3120.B	100 HR Source, RA Design - Low	10/01/2013	09/28/2018	
ER--3120.C	100 HR Source, Well C/O - BC	09/01/2020	08/31/2021	
ER--3120.D	100 HR Source, Well C/O - DR, FR & HR	10/03/2022	09/29/2023	
ER--3120.E	100 HR Source, Well C/O - KR & NR	10/01/2026	09/28/2029	
ER--3125..	100 NR OPERABLE UNITS	10/03/1994	09/29/2028	
ER--3700.A	Disposal Facility, Preparation	10/03/1994	09/29/1995	
ER--3700.B	Disposal Facility, Operational Readiness	10/02/1995	09/30/1996	
ER--3700.C	Disposal Fac, Operate/Transport - Accessible	10/01/1996	07/31/2024	
ER--3700.D	Disp Fac, Oper/Trans - Unaccessible(Cmp 9/28/46)	09/01/2044	07/31/2045	
ER--3700.E	Disp Fac, Close Cells 13-14 Unacc (Cmp 1/26/46)	08/01/2045	09/28/2045	
ER--3800..	FACILITY SURVEILANCE & MAINT (Cmp 9/30/47)	10/02/1995	09/28/2045	
7.1.1 PUREX / U03				
1KP40B	PUREX DEACTIVATION DOCUMENTATION PKG	10/02/1995	01/27/1998	
1KP40C	RETURN SINGLE-PASS FUEL	10/02/1995	12/04/1995	
1KP40D	TRP-95-201, SINGLE-PASS FUEL RETURNED	12/04/1995	12/04/1995	RL
1KP4AC	RETURN N REACTOR FUEL	10/02/1995	01/08/1996	
1KP4AD	TRP-95-206,N REACTOR FUEL RETURNED	01/08/1996	01/08/1996	RL
1KP4M1	TRP-98-203, PUREX DEACTIVATION COMPLETE	01/30/1998	01/30/1998	HQ
1KP4M2	M-80-00, PUREX/UO3 FAC TRANS PHSE COMPL	07/31/1998	07/31/1998	TPA
7.1.2 300 AREA				
1K3A020A	WASTE ACID TREATMENT RCRA CLOSURE	10/02/1995	03/01/1999	
1K3A020M	TRP-99-301, SUBMT WATS CLOSURE FNL RPT	03/01/1999	03/01/1999	RL
1K3A050A	SNM SAFE STORAGE	10/02/1995	09/30/1998	
1K3A050B	TRP-98-302, SHIP SNM OUTSIDE 300 AREA	09/30/1998	09/30/1998	HQ
1K3AM100	TRP-02-301, COMPL 300 AREA FSS DEACTIVATION	03/31/1999	03/31/1999	HQ
7.1.3. PLUTONIUM FINISHING PLANT				
1K6	PLUTONIUM FINISHING PLANT - HSIS SUMMARY	06/02/1994	04/12/2007	
1K6D020A010A	MS-I- PFP Deactivation RL-3.1.2.2/-3.0.1/-1.0.2	04/12/2007	04/12/2007	OTHER

SUMMARY ACTIVITY LISTING

ACT ID	DESCRIPTION	START	FINISH	MS TYPE
7.1.4 K-BASIN				
1KKA030A00	PREPARE/FINALIZE MOU BETWEEN TrP/SNF	05/30/1996	05/29/1997	
1KKA030A01	DEFINE ENDPOINT TURNOVER CRITERIA	02/07/1997	01/22/1998	
1KKA030A03	PREPARE/FINALIZE TURNOVER CRITERIA	01/23/1998	12/04/2000	
1KKA030B01	K-BASIN WEST DEACTIVATION	12/28/2000	10/11/2002	
1KKA030B03	K-BASIN EAST DEACTIVATION	01/07/2002	09/27/2004	
1KKA030BM1	M/S, K-BASIN DEACT COMPL, T/O TO EM-40	09/27/2004	09/27/2004	OTHER
7.3.1 ADVANCED REACTORS				
AR07000005	GENERAL PLANT SUPPORT/AUX SYSTS SHUTDOWN	12/15/1993	05/15/2001	
AR07000007	M-81-00 FFTF FACILITY TRANSITION/INITIATE S&M	12/31/2001	12/31/2001	TPA
7.4.9 CONVERSION PROJECTS				
1Y4A011018	#T3 LIQUID WASTE PROGRAM	10/01/2025	04/21/2032	
7.5 LANDLORD				
1F5DAA	D-424 324 FAC. COMPLIANCE/RENOVATION	10/02/1995	01/29/1998	
1F5EAA	93-D-391 325 FACILITY COMPL'CE/RENOV (EXPENSE)	10/02/1995	02/29/1996	
OFF-SITE INTEGRATION				
OFFSITE.01	FIRST SHIPMENT TO WASTE ISOLATION PILOT PROJ	10/01/2007	10/01/2007	RL
OFFSITE.02	LAST SHIPMENT TO WASTE ISOLATION PILOT PROJ	09/29/2017	09/29/2017	RL
OFFSITE.11	FIRST SHIPMENT TO YUCCA MOUNTAIN PROJECT	10/01/2035	10/01/2035	RL
OFFSITE.12	LAST SHIPMENT TO YUCCA MOUNTAIN PROJECT	09/28/2040	09/28/2040	RL
HANFORD MISSION COMPLETE				
HMCOMP	HANFORD CLEANUP MISSION COMPLETE (9/30/47)	09/28/2045	09/28/2045	OTHER

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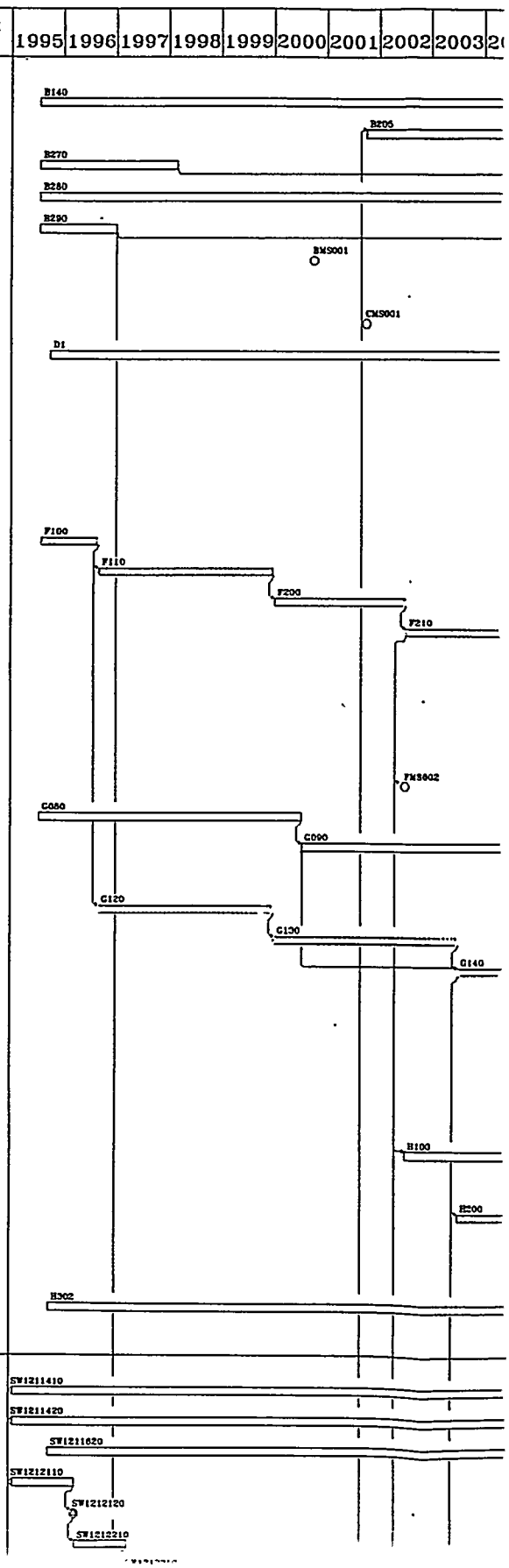
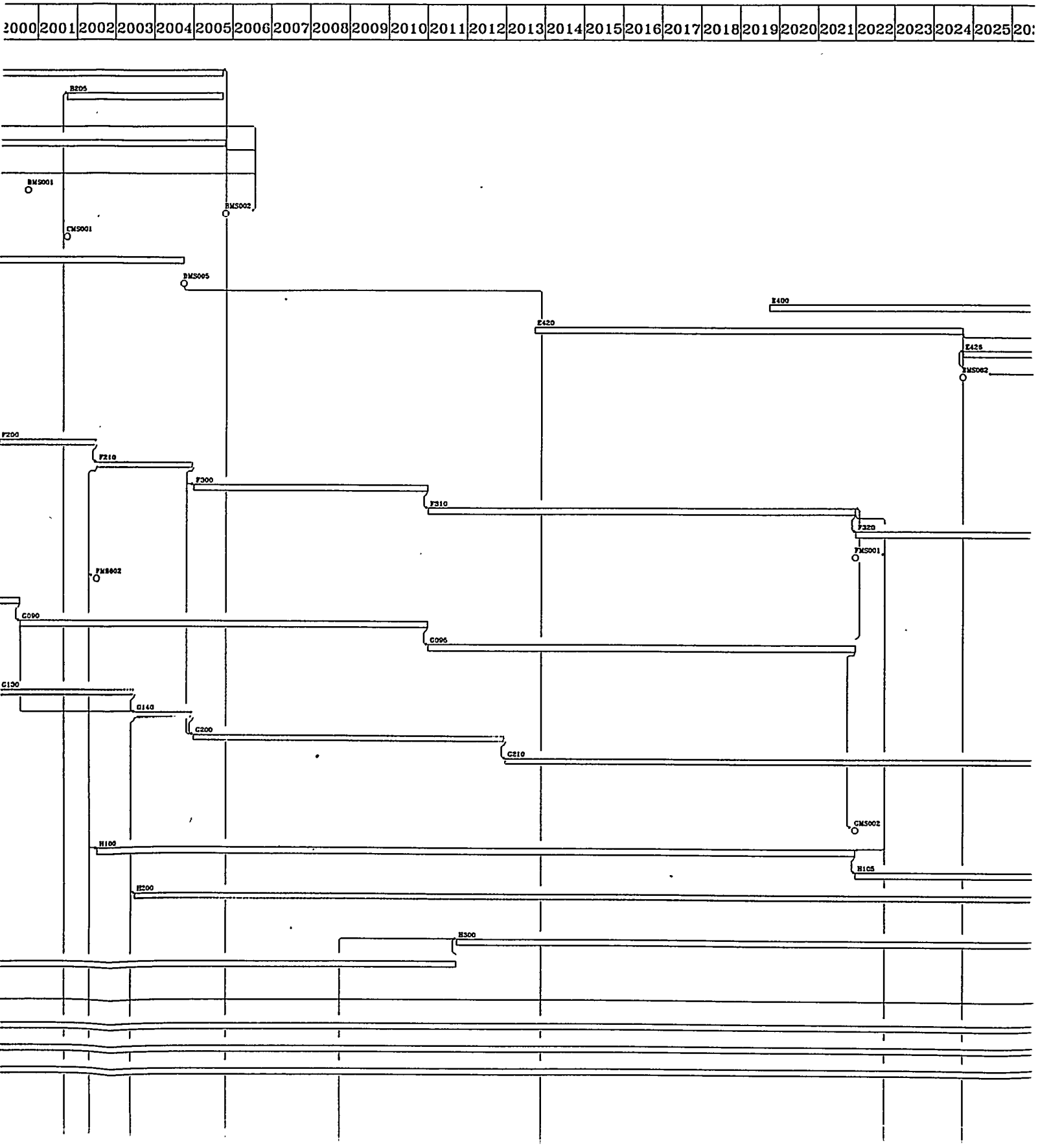
FY 1996 BASELINE SCHEDULE
ISSUE DATE: NOVEMBER 15, 1995

ACT-ID	ACTIVITY DESCRIPTION	MS-TYPE CONT-DATE	B/L-ST	B/L-FI	CRIT-PATH
1.1 TANK WASTE REMEDIATION SYSTEM					
B140	Perf Waste Recpt, Trans & Evap Engr & Analysis		07/19/1995	09/30/2005	
B205	Disposition East/West Retired Facilities		10/01/2001	09/30/2005	
B270	Project W-058 Cross Site Transfer		07/19/1995	02/27/1998	
B280	Project W-314 Tank Farm MSA Upgrade		07/19/1995	10/28/2005	
B290	Project W-030 TF AY & AZ Vent Upgrades		07/19/1995	12/31/1996	
BMS001	M-41-00 Complete SST Interim Stabilization	T-TPA MAJOR	09/29/2000	09/29/2000	
BMS002	M-43-00 Complete Tank Farm Upgrades	T-TPA MAJOR	10/28/2005	10/28/2005	
CMS001	M-40-00 Mitigate/Resolve Tank Safety Issues	T-TPA MAJOR	09/28/2001	09/28/2001	
D1	Characterize TWRS Tank Waste		10/02/1995	09/30/2004	
DMS005	M-44-00 - Issue TCRs for 177 HLW Tanks	T-TPA MAJOR	09/30/2004	09/30/2004	
E400	Tank Farm Closure - DST		10/01/2019	09/30/2032	
E420	Tank Farm Closure - SST		10/01/2013	09/30/2024	
E426	Post Closure Monitoring		10/01/2024	04/06/2037	
EMS002	M-45-00 Complete Closure of SSTs	T-TPA MAJOR	09/30/2024	09/30/2024	
F100	Phase I - Bid & Award Phase I Contracts		08/01/1995	08/30/1996	CP
F110	Phase I Design, Final Selection & Permitting		09/03/1996	12/30/1999	CP
F200	Phase I Construction & Cold Startup		01/03/2000	07/01/2002	CP
F210	Phase I Hot Startup & Operations		07/02/2002	12/31/2004	CP
F300	Phase II - Design, Permit, License, Const & SU		01/04/2005	01/03/2011	
F310	Phase II - LLW Immobilization Operations		01/04/2011	12/31/2021	
F320	D & D LLW Facility		01/03/2022	12/30/2026	
FMS001	M-60-00 Complete LLW Vitrification	T-TPA MAJOR	12/31/2021	12/31/2021	
FMS002	M-60-05 Initial Hot Ops LLW Vit Facility	T-TPA MAJOR	07/02/2002	07/02/2002	
G080	Develop Pretreatment Capability		07/19/1995	07/12/2000	
G090	Phase I HLW Pretreatment		07/13/2000	01/03/2011	
G095	Phase II HLW Pretreatment		01/04/2011	12/31/2021	
G120	Phase I Design, Final Selection & Permitting		09/03/1996	12/30/1999	CP
G130	Phase I Construction & Cold Startup		01/03/2000	07/01/2003	CP
G140	Phase I Hot Startup & Operations		07/02/2003	12/31/2004	CP
G200	Phse II - Design, Permit, License, Const & SU		01/04/2005	01/02/2013	CP
G210	Phase II - HLW Immobilization Operations		01/03/2013	12/29/2028	CP
G220	D&D HLW Facility		01/01/2029	12/30/2033	CP
GMS001	M-51-00 Complete HLW Vitrification	T-TPA MAJOR	12/29/2028	12/29/2028	
GMS002	M-50-00 Complete Pretreatment Processing	T-TPA MAJOR	12/31/2021	12/31/2021	
H100	LLW Storage & Disposal		07/02/2002	12/31/2021	
H105	Closure of Disposal Facilities		01/03/2022	09/30/2026	
H200	Interim Storage of Immobilized HLW		07/02/2003	09/28/2040	CP
H205	High Level Waste Disposal (Off-Site)		10/01/2035	09/28/2040	CP
H300	Process Cs & Sr Capsules for Disposal		10/03/2011	10/04/2027	
H302	Prepare for Disposal of Cs & Sr Capsules		10/02/1995	09/30/2011	
H310	D&D of Capsule Processing Facility		10/05/2027	09/28/2029	
1.2.1 SOLID WASTE DISPOSAL					
SW1211410	RECEIVE WASTE FROM ALL ONSITE GENERATORS		10/01/1992	09/28/2035	
SW1211420	RECEIVE WASTE FROM OFFSITE GENERATORS		10/01/1992	09/28/2035	
SW1211620	LLMW STABILIZATION CONTRACT -PROCURE & IMPLEMENT		10/02/1995	09/28/2035	
SW1212110	WRAP 1 CONSTRUCTION		06/01/1994	03/29/1996	
SW1212120	COMPLETE WRAP 1 CONSTRUCTION (TPA M-18-01)	K-RL 03/31/1996	03/29/1996	03/29/1996	
SW1212210	WRAP 1 START-UP		04/01/1996	03/31/1997	



WESTINGHOUSE HANFORD COMPANY
HANFORD SITE INTEGRATED SCHEDULE
SUMMARY SCHEDULE



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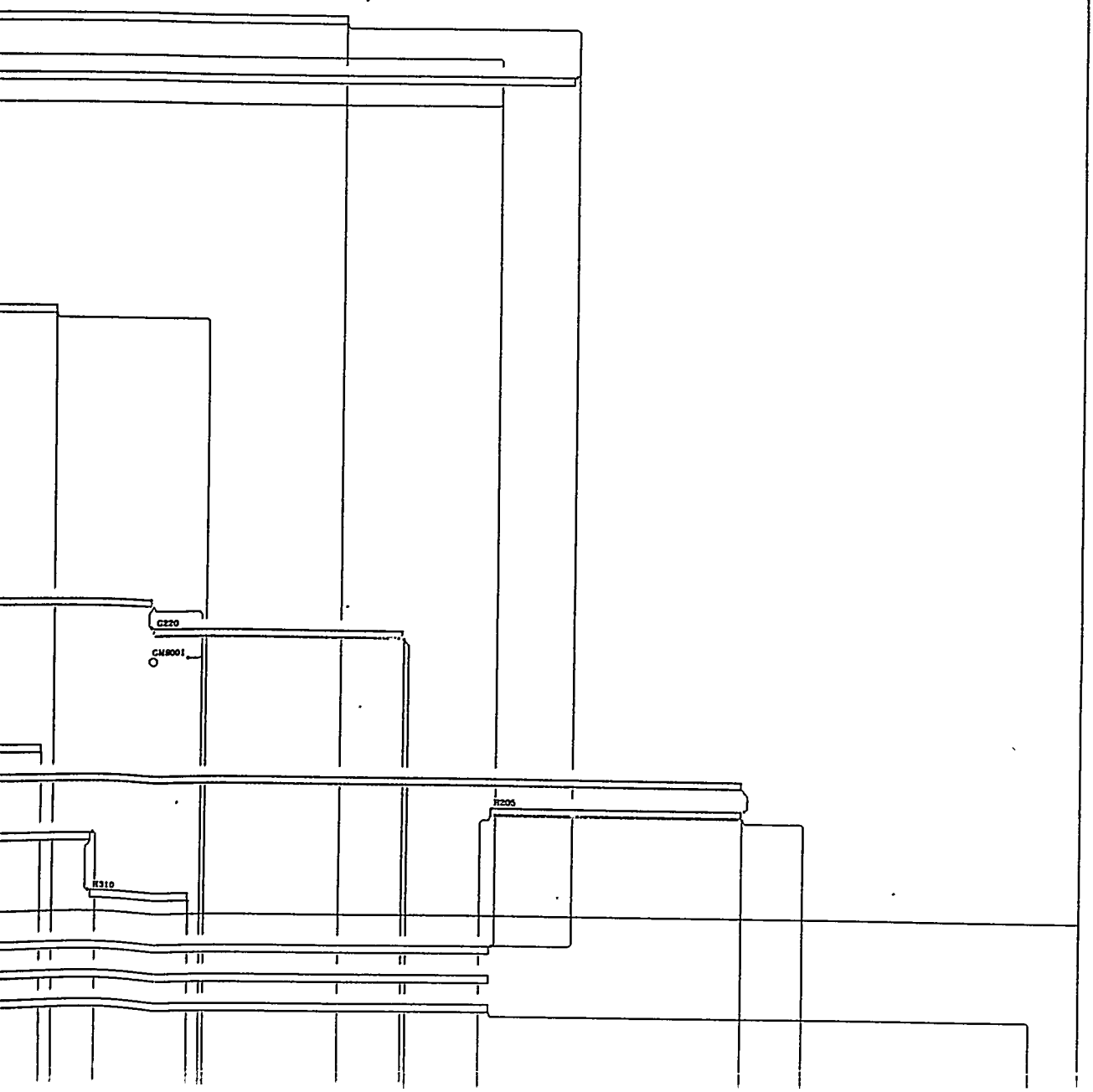
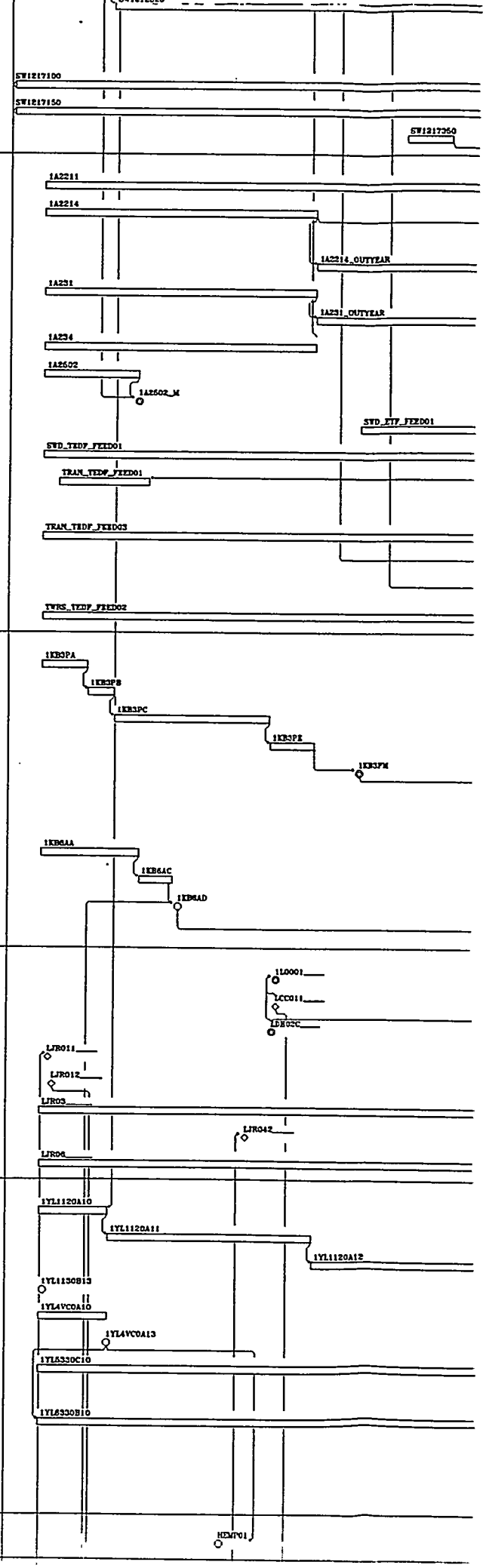
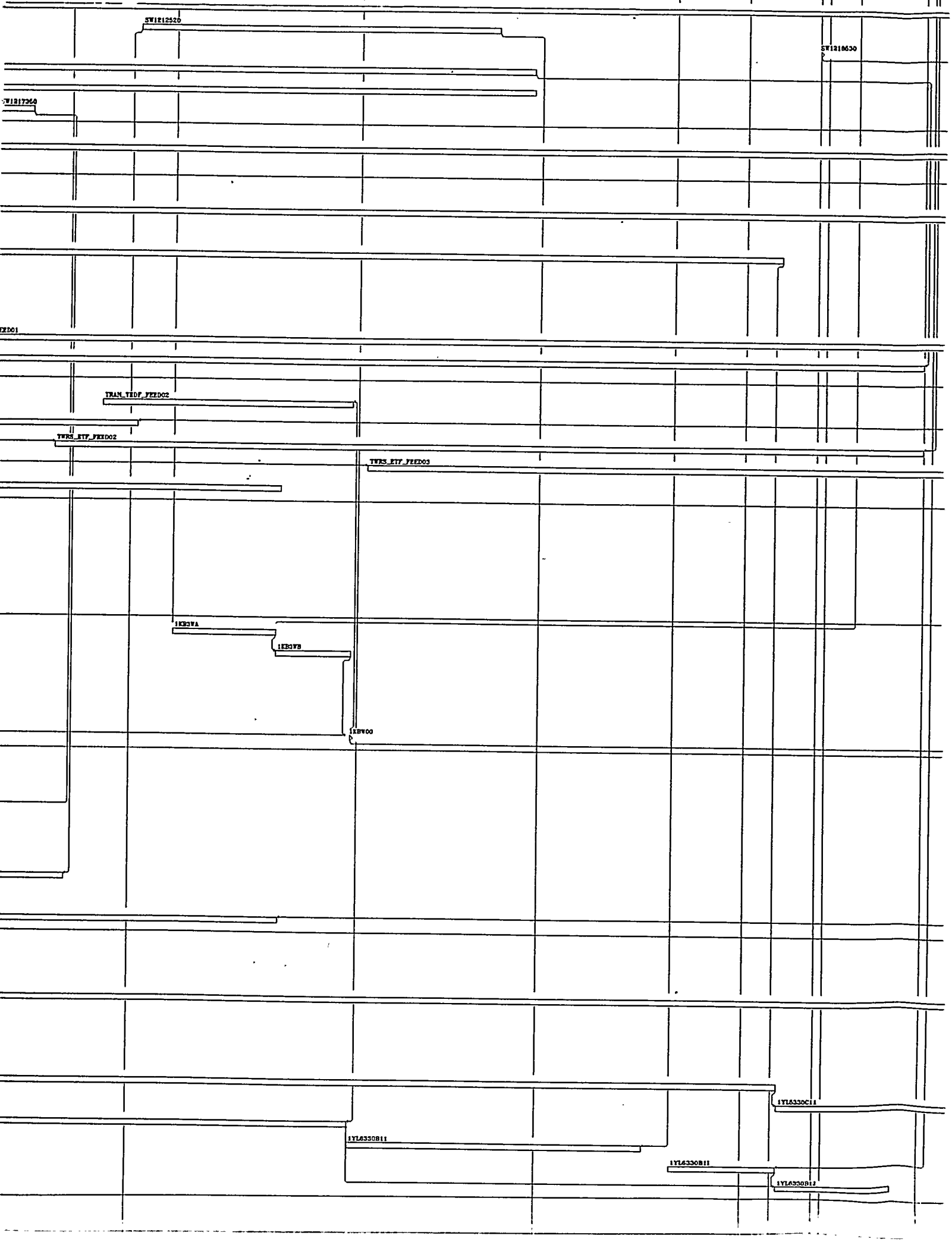


SW1212520	SHIP TRU WASTE TO WIPP		10/01/2007	09/29/2017
SW1216530	LLBG CLOSURE COMPLETE	O-Other	09/30/2026	09/30/2026
SW1217100	LOW DOSE EQUIPMENT DECON/SAMPLING (2706-T)		10/03/1994	09/28/2018
SW1217150	HIGH DOSE EQUIPMENT/ WASTE DECONTAMINATION		10/03/1994	09/28/2018
SW1217350	TRANSFER SPENT FUEL FROM T-PLANT TO SNF		10/01/2003	09/30/2004
1.2.2 LIQUID EFFLUENT				
1A2211	200A TREATED EFFLUENT DISPOSAL FACILITY (TEDF)		10/02/1995	09/28/2033
1A2214	200A ETF PROCESS OPERATIONS		10/02/1995	09/28/2001
1A2214_D&D	ETF PROCESS OPS DECONTAM INATION&DECOMMISSIONING		09/29/2033	08/04/2037
1A2214_OUTYEAR	200A ETF PROCESS OUTYEAR OPERATIONS		10/01/2001	09/28/2033
1A231	300A 310 FACILITY OPERATIONS		10/02/1995	09/28/2001
1A231_OUTYEAR	300A 310 FACILITY OPERATIONS		10/01/2001	09/30/2025
1A234	300A 340 FACILITY OPERATIONS		10/02/1995	09/28/2001
1A2502	BAT IMPLEMENTATION PHASE II STREAMS		10/02/1995	10/31/1997
1A2502_M	BAT IMPLEMENTATION PHASE II STREAMS	K-RL	10/31/1997	10/31/1997
SWD_ETF_FEED01	LLMW TRENCH LEACHATE	K-RL	10/01/1996	09/28/2029
SWD_TEDF_FEED01	T PLANT EFFLUENT		10/02/1995	09/28/2029
TRAN_TEDF_FEED01	PUREX EFFLUENT		10/02/1995	09/26/1997
TRAN_TEDF_FEED02	B PLANT EFFLUENT (INCL. W-252 EFFLUENT)		10/02/1995	09/27/2002
TRAN_TEDF_FEED03	PFP EFFLUENT		10/02/1995	09/28/2007
TWRS_ETF_FEED02	LLW VITRIFICATION WASTE	K-RL	06/01/2005	09/28/2029
TWRS_ETF_FEED03	HLW VITRIFICATION WASTE	K-RL	12/01/2009	09/28/2029
TWRS_TEDF_FEED02	242-A EVAPORATOR EFFLUENT		10/02/1995	09/28/2011
1.3.1 B-PLANT/WESF				
1KB3PA	ISSUE ENDPOINT CRITERIA		10/02/1995	09/30/1996
1KB3PB	PREPARE PROGECT MANAGEMENT PLAN		10/01/1996	04/30/1997
1KB3PC	COMPLETE STAKEHOLDER NEGOTIATIONS		05/01/1997	09/29/2000
1KB3PE	ISSUE SURVEILLANCE & MAINTENANCE PLAN		10/02/2000	09/28/2001
1KB3PM	TRP-01-601, COMPL B-PLANT DEACTIVATION	M-HQ	09/30/2002	09/30/2002
1KB3WA	TRANSFER CAPSULES TO TWRS		10/01/2008	08/16/2011
1KB3WB	WESF DEACTIVATION		08/17/2011	09/30/2013
1KB6AA	CAPSULE PREP,DESIGN VERIF, SHIP TO PNL		10/02/1995	11/19/1997
1KB6AC	REENCAPSULATE/SHIP CS CAPS FROM PNL		11/20/1997	08/17/1998
1KB6AD	TRP-96-703,ALL CAPSULES SHIPPED TO WESF	T-TPA MAJOR	09/30/1998	09/30/1998
1KBW00	M/S, WESF DEACTIVATION COMPLETE	O-Other	09/30/2013	09/30/2013
1.4.1 SPENT NUCLEAR FUEL				
1L0001____	M/S Complete SNF K Basin Project	K-RL	12/01/2000	12/01/2000
LCC011____	Turnover K-Basins to Transition Projects		12/01/2000	12/01/2000
LDH02C____	M/S Complete Sludge Removal	K-RL	11/01/2000	11/01/2000
LJR011____	Purex ... SPR_Fuel Removed ...		12/05/1995	12/05/1995
LJR012____	Purex ... N_Fuel Removed ...		01/09/1996	01/09/1996
LJR03____	T-Plant		10/02/1995	09/30/2005
LJR042____	Start Transfer of PNL Lab Fuel to 200A ISA		04/03/2000	04/03/2000
LJR06____	FFTF		10/02/1995	09/30/2011
1.5.1 ANALYTICAL SERVICES				
1YL1120A10	PROVIDE COMMERCIAL LAB SERVICES		10/02/1995	03/31/1997
1YL1120A11	CONTINUE COMMERCIAL LAB SERVICES		04/01/1997	09/28/2001
1YL1120A12	CONTINUE COMMERCIAL LAB SERVICES(Comp 10/1/2070)		10/02/2001	10/01/2070
1YL1130B13	M-14-00 DOE SHALL COMPLY WITH SENIOR EXEC. COMM.	T-TPA MAJOR	10/31/1995	10/31/1995
1YL4VC0A10	W-178 CONSTRUCTION		10/02/1995	03/31/1997
1YL4VC0A13	M-32-02 COMP. 219-S TANK INTERIM STATUS ACTIONS	T-TPA INTERIM	03/31/1997	03/31/1997
1YL5330C10	WSCF BLDG OPS FOR ANALYTICAL SUPPORT		10/02/1995	09/30/2025
1YL5330C11	CONTINUE WSCF BLDG OPS FOR ANALYTICAL SUPPORT		10/01/2025	09/30/2033
1YL6330B10	MAINTAIN 222-S LAB OPERATIONS/MAINTENANCE		10/02/1995	09/30/2013
1YL6330B11	CONTINUE 222-S LAB OPERATIONS/MAINTENANCE		10/01/2013	12/31/2021
1YL6330B1I	CONSTRUCTION- HIGH LEVEL LAB		10/03/2022	09/30/2025
1YL6330B1J	OPERATIONS - HIGH LEVEL LAB FOR ANALYT. SUPPORT		10/01/2025	12/29/2028
1.5.2 HANFORD ENV MGMT				
HENP01	M-32-00 COMP ID DANGEROU S WASTE TANK CORR ACT 09/30/1999	T-TPA MAJOR	09/30/1999	09/30/1999
1.5.3 RCRA & OPERATIONAL MONITORING				

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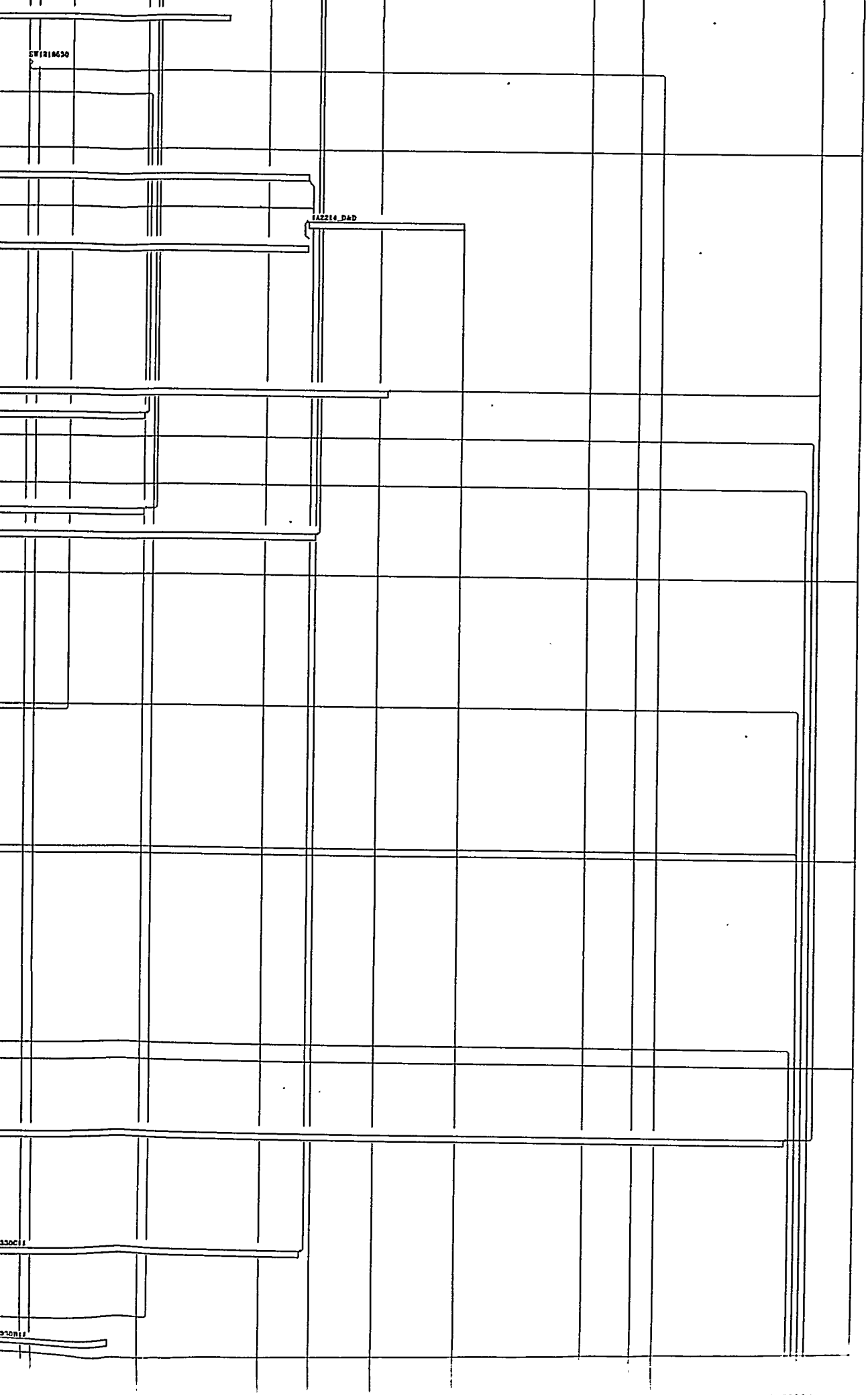
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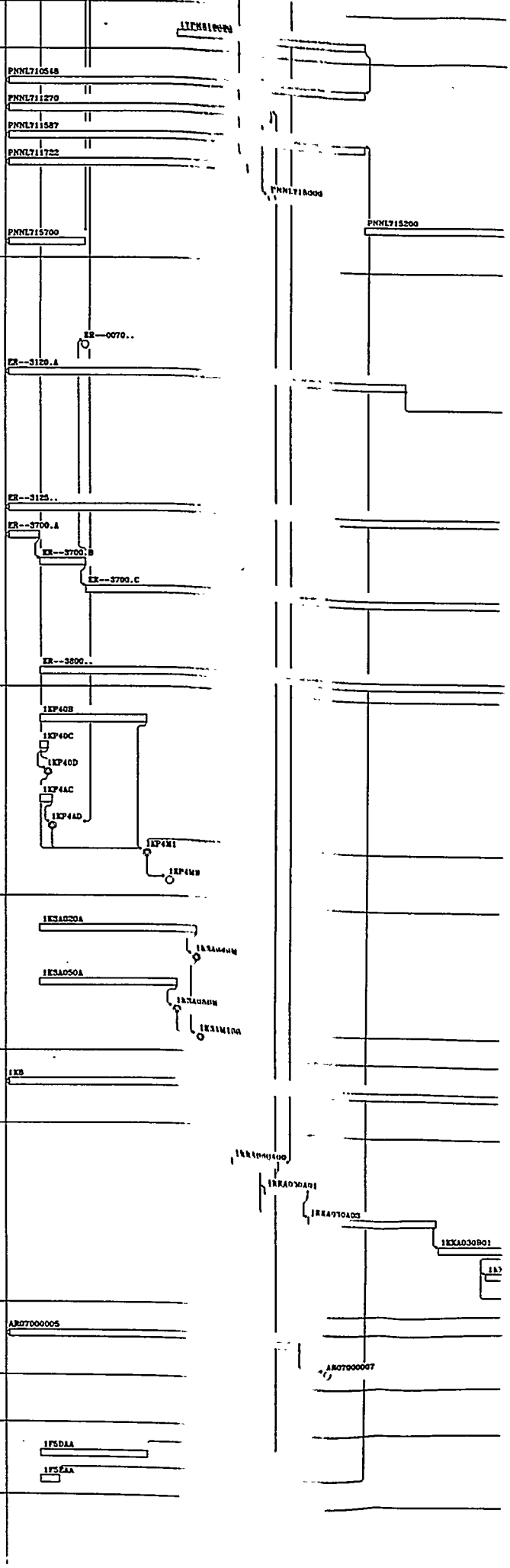
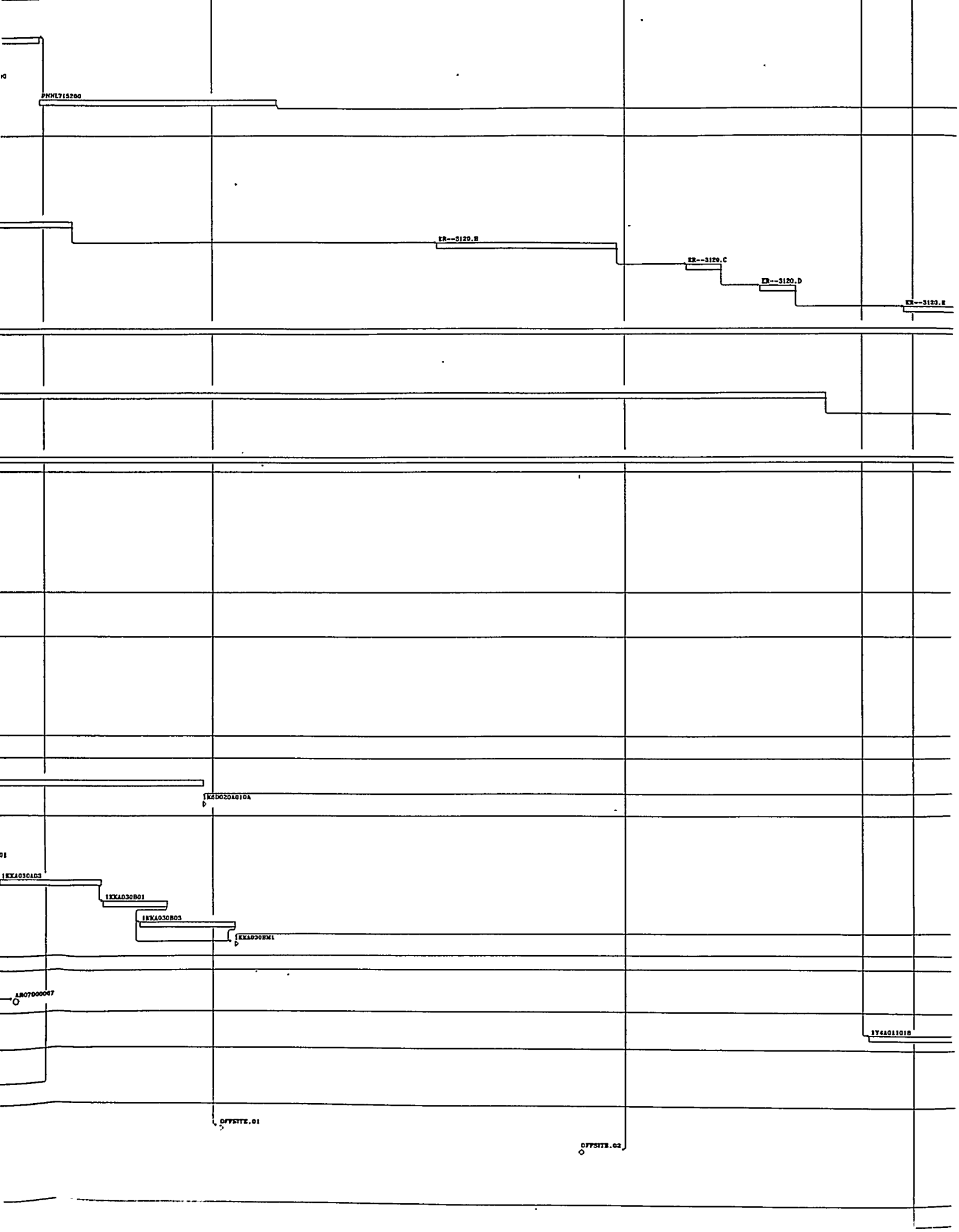
1.5.6 WASTE MINIMIZATION				
1YPH010020	Waste Min. -Outyear, Pollution Prevention Prog		10/01/1998	09/30/2002
1.7.1 PACIFIC NORTHWEST NATIONAL LABORATORY				
PNNL710548	Pollution Prevention/Waste Minimization Project		10/03/1994	09/30/2002
PNNL711270	324 Surveillance & Maintenance Project		10/03/1994	09/29/2000
PNNL711587	325 Building Surveillance & Maintenance Project		10/03/1994	09/30/2002
PNNL711722	B-Cell Cleanout Project		10/03/1994	03/31/2000
PNNL715000	M-89-00, Closure of Non-Permitted Mixed Waste	T-TPA MAJOR	09/29/2000	09/29/2000
PNNL715200	Outyear - Surveillance/Maint of Misc Facilities		10/01/2002	04/29/2009
PNNL715700	CsCl Legacy Safety Program		10/03/1994	09/30/1998
2.0 BECHTEL - ENVIRONMENTAL RESTORATION				
ER--0015..	M-15-00, Compl RI/FS (RFI/CMS) Process - OU's	T-TPA MAJOR	09/28/2029	09/28/2029
ER--0016..	M-16-00, Compl Remedial Actions & 100 Area D&D	T-TPA MAJOR	09/29/2028	09/29/2028
ER--0070..	M-70-00, Disposal Facility Operational	T-TPA MAJOR	09/30/1996	09/30/1996
ER--3120.A	100 HR Source, RA Design/Treat - High		10/03/1994	08/29/2003
ER--3120.B	100 HR Source, RA Design - Low		10/01/2013	09/28/2018
ER--3120.C	100 HR Source, Well C/O - BC		09/01/2020	08/31/2021
ER--3120.D	100 HR Source, Well C/O - DR, FR & HR		10/03/2022	09/29/2023
ER--3120.E	100 HR Source, Well C/O - KR & NR		10/01/2026	09/28/2029
ER--3125..	100 NR OPERABLE UNITS		10/03/1994	09/29/2028
ER--3700.A	Disposal Facility, Preparation		10/03/1994	09/29/1995
ER--3700.B	Disposal Facility, Operational Readiness		10/02/1995	09/30/1996
ER--3700.C	Disposal Fac, Operate/Transport - Accessible		10/01/1996	07/31/2024
ER--3700.D	Disp Fac, Oper/Trans - Unaccessible(Cmp 9/28/46)		09/01/2044	09/28/2046
ER--3700.E	Disp Fac, Close Cells 13-14 Unacc (Cmp 1/26/46)		08/01/2045	01/26/2046
ER--3800..	FACILITY SURVEILANCE & MAINT (Cmp 9/30/47)		10/02/1995	09/30/2047
7.1.1 PUREX / UO3				
1KP40B	PUREX DEACTIVATION DOCUMENTATION PKG		10/02/1995	01/27/1998
1KP40C	RETURN SINGLE-PASS FUEL		10/02/1995	12/04/1995
1KP40D	TRP-95-201, SINGLE-PASS FUEL RETURNED	K-RL	12/04/1995	12/04/1995
1KP4AC	RETURN N REACTOR FUEL		10/02/1995	01/08/1996
1KP4AD	TRP-95-206,N REACTOR FUEL RETURNED	K-RL	01/08/1996	01/08/1996
1KP4M1	TRP-98-203, PUREX DEACTIVATION COMPLETE	M-HQ	01/30/1998	01/30/1998
1KP4M2	M-80-00, PUREX/UO3 FAC TRANS PHSE COMPL	T-TPA MAJOR 07/31/1998	07/31/1998	07/31/1998
7.1.2 300 AREA				
1K3A020A	WASTE ACID TREATMENT RCRA CLOSURE		10/02/1995	03/01/1999
1K3A020M	TRP-99-301, SUBNT WATS CLOSURE FNL RPT	K-RL	03/01/1999	03/01/1999
1K3A050A	SNM SAFE STORAGE		10/02/1995	09/30/1998
1K3A050B	TRP-98-302,SHIP SNM OUTSIDE 300 AREA	M-HQ	09/30/1998	09/30/1998
1K3AM100	TRP-02-301, COMPL 300 AREA FSS DEACTIVATION	M-HQ	03/31/1999	03/31/1999
7.1.3. PLUTONIUM FINISHING PLANT				
1K6	PLUTONIUM FINISHING PLANT - HSIS SUMMARY		06/02/1994	04/12/2007
1K6D020A010A	M\S-1- PFP Deactivation RL-3.1.2.2/-3.0.1/-1.0.2	O-Other	04/12/2007	04/12/2007
7.1.4 K-BASIN				
1KKA030A00	PREPARE/FINALIZE MOU BETWEEN TrP/SNF		05/30/1996	05/29/1997
1KKA030A01	DEFINE ENDPOINT TURNOVER CRITERIA		02/07/1997	01/22/1998
1KKA030A03	PREPARE/FINALIZE TURNOVER CRITERIA		01/23/1998	12/04/2000
1KKA030B01	K-BASIN WEST DEACTIVATION		12/28/2000	10/11/2002
1KKA030B03	K-BASIN EAST DEACTIVATION		01/07/2002	09/27/2004
1KKA030BM1	M/S, K-BASIN DEACT COMPL, T/O TO EN-40	O-Other	09/27/2004	09/27/2004
7.3.1 ADVANCED REACTORS				
AR07000005	GENERAL PLANT SUPPORT/AUX SYSTS SHUTDOWN		12/15/1993	05/15/2001
AR07000007	M-81-00 FFTF FACILITY TRANSITION/INITIATE S&M	T-TPA MAJOR 12/31/2001	12/31/2001	12/31/2001
7.4.9 CONVERSION PROJECTS				
1Y4A011018	‡T3 LIQUID WASTE PROGRAM		10/02/1995	07/26/2002
7.5 LANDLORD				
1F5DAA	D-424 324 FAC. COMPLIANCE/RENOVATION		10/02/1995	01/29/1998
1F5EAA	93-D-391 325 FACILITY COMPLCE/RENOV (EXPENSE)		10/02/1995	02/29/1996
OFF-SITE INTEGRATION				
OFFSITE.01	FIRST SHIPMENT TO WASTE ISOLATION PILOT PROJ		10/01/2007	10/01/2007
OFFSITE.02	LAST SHIPMENT TO WASTE ISOLATION PILOT PROJ		09/29/2017	09/29/2017
OFFSITE.11	FIRST SHIPMENT TO YUCCA		10/01/2035	10/01/2035

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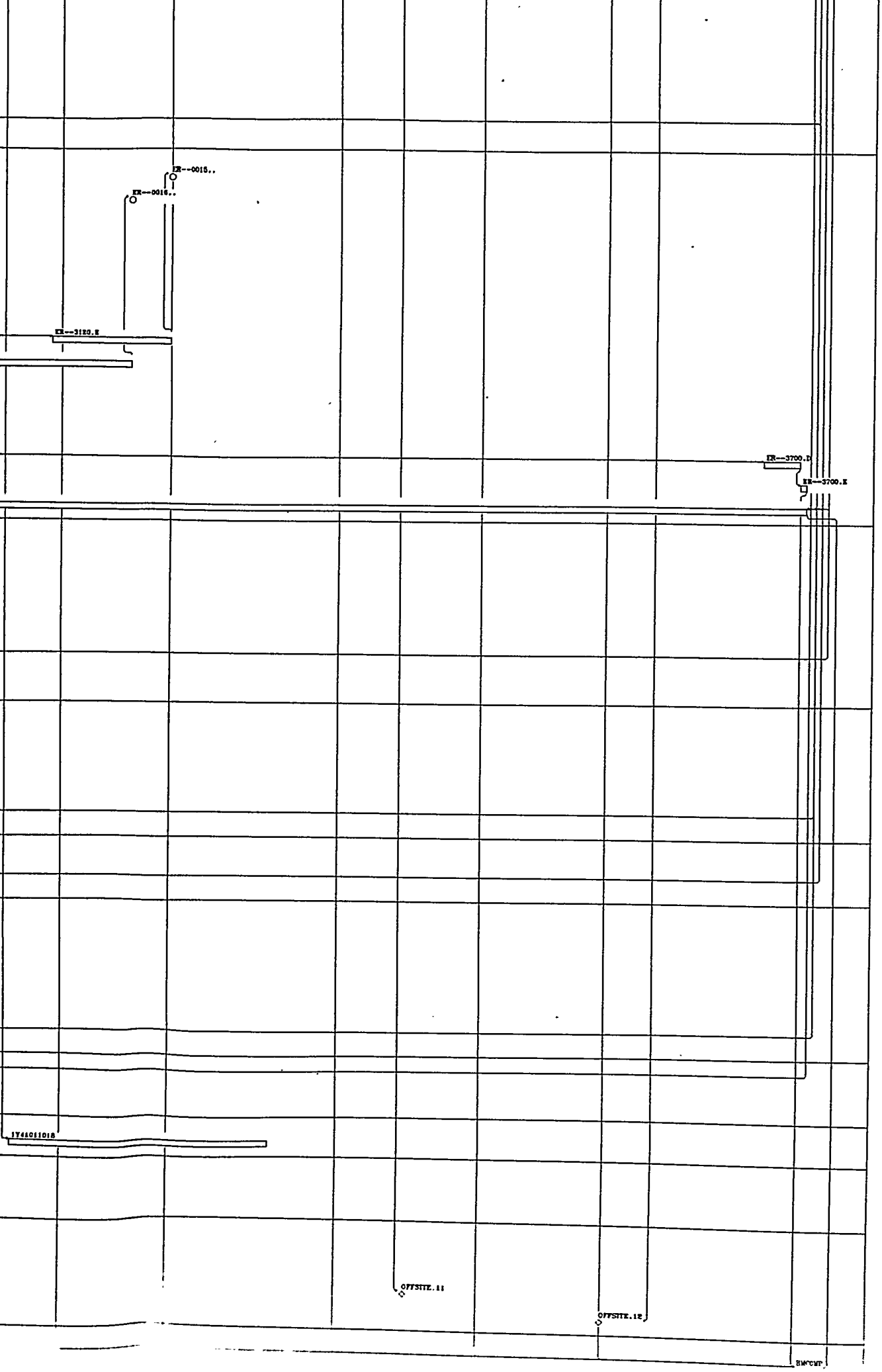
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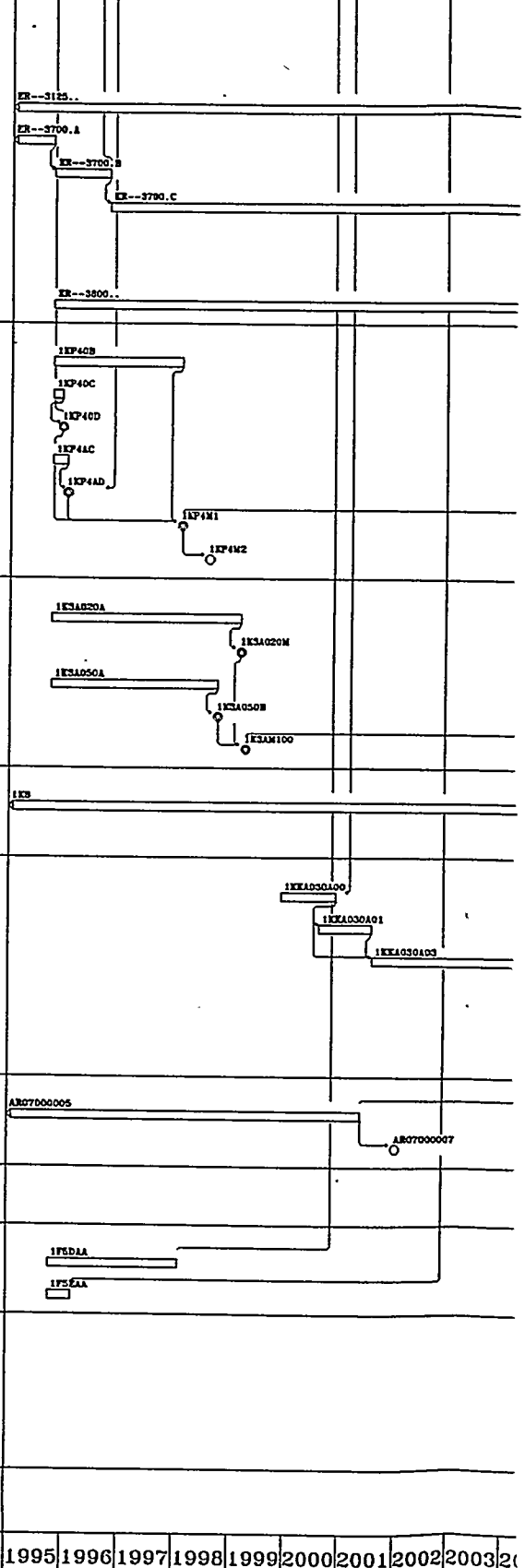
ER--3120.E	100 HR Source, Well C/O - KR & NR		10/01/2026	09/28/2029	
ER--3125..	100 NR OPERABLE UNITS		10/03/1994	09/29/2028	
ER--3700.A	Disposal Facility, Preparation		10/03/1994	09/29/1995	
ER--3700.B	Disposal Facility, Operational Readiness		10/02/1995	09/30/1996	
ER--3700.C	Disposal Fac, Operate/ Transport - Accessible		10/01/1996	07/31/2024	
ER--3700.D	Disp Fac, Oper/Trans - U naccessible(Cmp 9/28/46)		09/01/2044	09/28/2046	
ER--3700.E	Disp Fac, Close Cells 13 -14 Unacc (Cmp 1/26/46)		08/01/2045	01/26/2046	
ER--3800..	FACILITY SURVEILANCE & MAINT (Cmp 9/30/47)		10/02/1995	09/30/2047	
7.1.1 PUREX / U03					
1KP40B	PUREX DEACTIVATION DOCUMENTATION PKG		10/02/1995	01/27/1998	
1KP40C	RETURN SINGLE-PASS FUEL		10/02/1995	12/04/1995	
1KP40D	TRP-95-201, SINGLE-PASS FUEL RETURNED	K-RL	12/04/1995	12/04/1995	
1KP4AC	RETURN N REACTOR FUEL		10/02/1995	01/08/1996	
1KP4AD	TRP-95-205,N REACTOR FUEL RETURNED	K-RL	01/08/1996	01/08/1996	
1KP4M1	TRP-98-203, PUREX DEACTIVATION COMPLETE	M-HQ	01/30/1998	01/30/1998	
1KP4M2	M-80-00, PUREX/U03 FAC TRANS PHSE COMPL	T-TPA MAJOR 07/31/1998	07/31/1998	07/31/1998	
7.1.2 300 AREA					
1K3A020A	WASTE ACID TREATMENT RCRA CLOSURE		10/02/1995	03/01/1999	
1K3A020M	TRP-99-301, SUBMT WATS CLOSURE FNL RPT	K-RL	03/01/1999	03/01/1999	
1K3A050A	SNM SAFE STORAGE		10/02/1995	09/30/1998	
1K3A050B	TRP-98-302,SHIP SNM OUTSIDE 300 AREA	M-HQ	09/30/1998	09/30/1998	
1K3AM100	TRP-02-301, COMPL 300 AREA FSS DEACTIVATION	M-HQ	03/31/1999	03/31/1999	
7.1.3. PLUTONIUM FINISHING PLANT					
1K6	PLUTONIUM FINISHING PLANT - HSIS SUMMARY		06/02/1994	04/12/2007	
1K6D020A010A	M\S-1- PFP Deactivation RL-3.1.2.2/-3.0.1/-1.0.2	O-Other	04/12/2007	04/12/2007	
7.1.4 K-BASIN					
1KKA030A00	PREPARE/FINALIZE MOU BETWEEN TrP/SNF		05/30/1996	05/29/1997	
1KKA030A01	DEFINE ENDPOINT TURNOVER CRITERIA		02/07/1997	01/22/1998	
1KKA030A03	PREPARE/FINALIZE TURNOVER CRITERIA		01/23/1998	12/04/2000	
1KKA030B01	K-BASIN WEST DEACTIVATION		12/28/2000	10/11/2002	
1KKA030B03	K-BASIN EAST DEACTIVATION		01/07/2002	09/27/2004	
1KKA030BM1	M/S, K-BASIN DEACT COMPL, T/O TO EM-40	O-Other	09/27/2004	09/27/2004	
7.3.1 ADVANCED REACTORS					
AR07000005	GENERAL PLANT SUPPORT/ AUX SYSTS SHUTDOWN		12/15/1993	05/15/2001	
AR07000007	M-81-00 FFTF FACILITY TRANSITION/INITIATE S&M	T-TPA MAJOR 12/31/2001	12/31/2001	12/31/2001	
7.4.9 CONVERSION PROJECTS					
1Y4A011016	‡T3 LIQUID WASTE PROGRAM		10/02/1995	07/26/2002	
7.6 LANDLORD					
1F5DAA	D-424 324 FAC. COMPLIANCE/RENOVATION		10/02/1995	01/29/1998	
1F5EAA	93-D-391 325 FACILITY COMPL'CE/RENOV (EXPENSE)		10/02/1995	02/29/1996	
OFF-SITE INTEGRATION					
OFFSITE.01	FIRST SHIPMENT TO WASTE ISOLATION PILOT PROJ		10/01/2007	10/01/2007	
OFFSITE.02	LAST SHIPMENT TO WASTE ISOLATION PILOT PROJ		09/29/2017	09/29/2017	
OFFSITE.11	FIRST SHIPMENT TO YUCCA MOUNTAIN PROJECT		10/01/2035	10/01/2035	
OFFSITE.12	LAST SHIPMENT TO YUCCA MOUNTAIN PROJECT		09/28/2040	09/28/2040	
HANFORD MISSION COMPLETE					
HMCOMP	HANFORD CLEANUP MISSION COMPLETE (9/30/47)		10/30/2045	10/30/2045	



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BAR TYPES

- OTHER
- WS-KEY
- RL/DOE Completed
- FD Completed
- HQ Completed
- OTHER Completed
- WS-KEY Completed
- TPA Completed
- Completed
- Schedule Current
- Milestone

HIGHLIGHTS

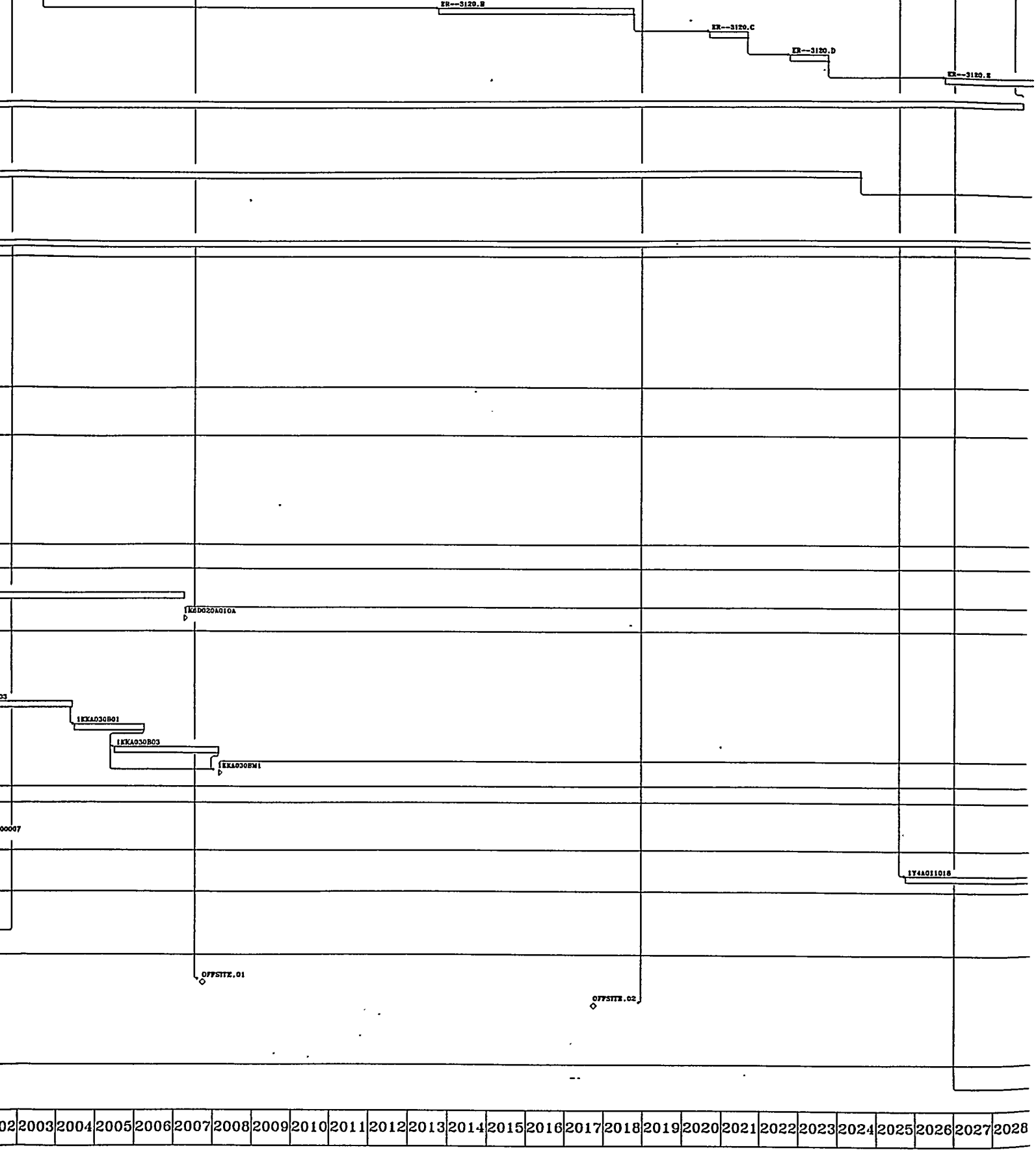
- NORMAL
- Site_Crit_Path

ANNOTATION

- H1

CODES

- RL or DOE
- FD
- H-HQ
- TPA
- default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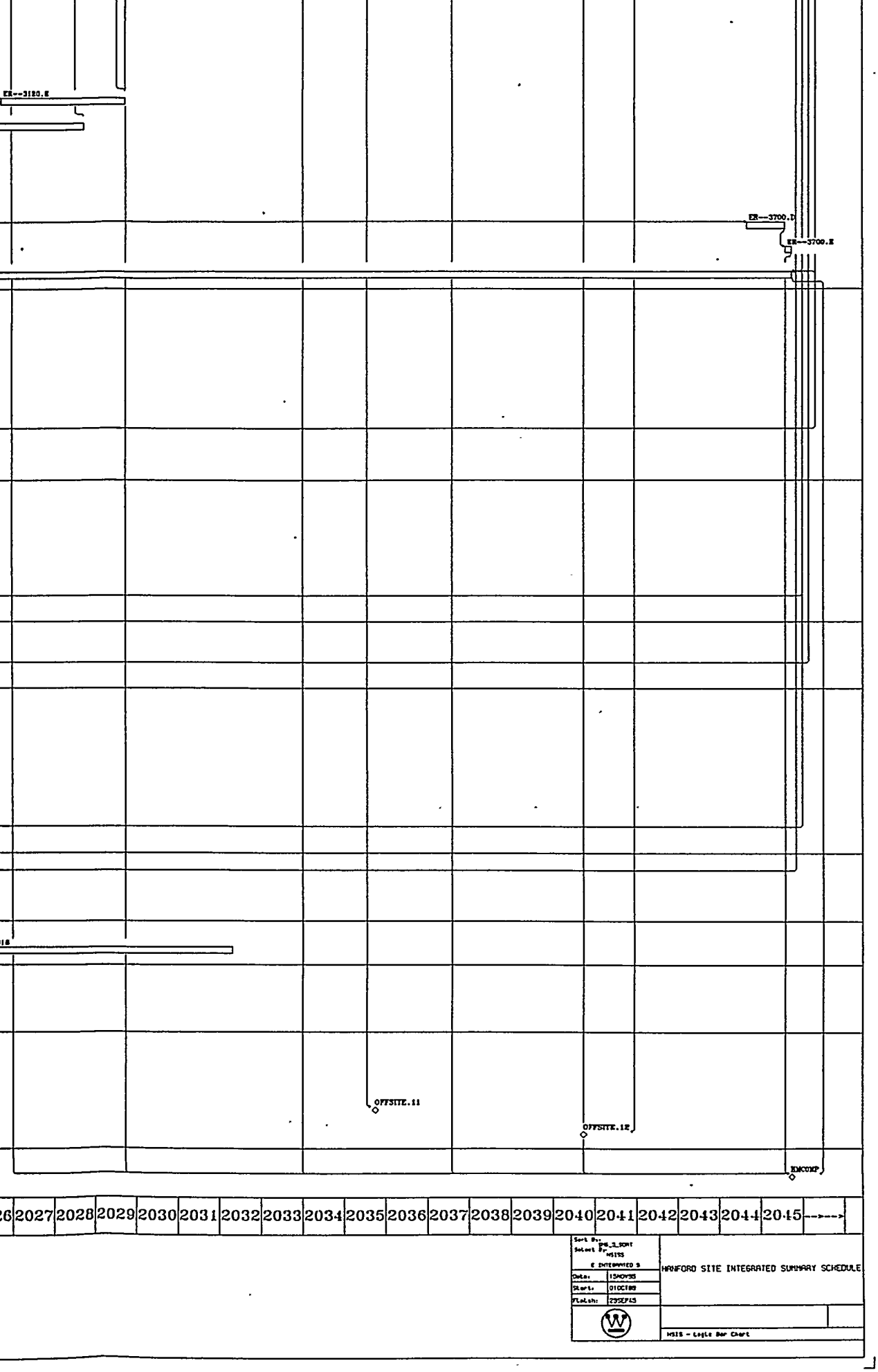
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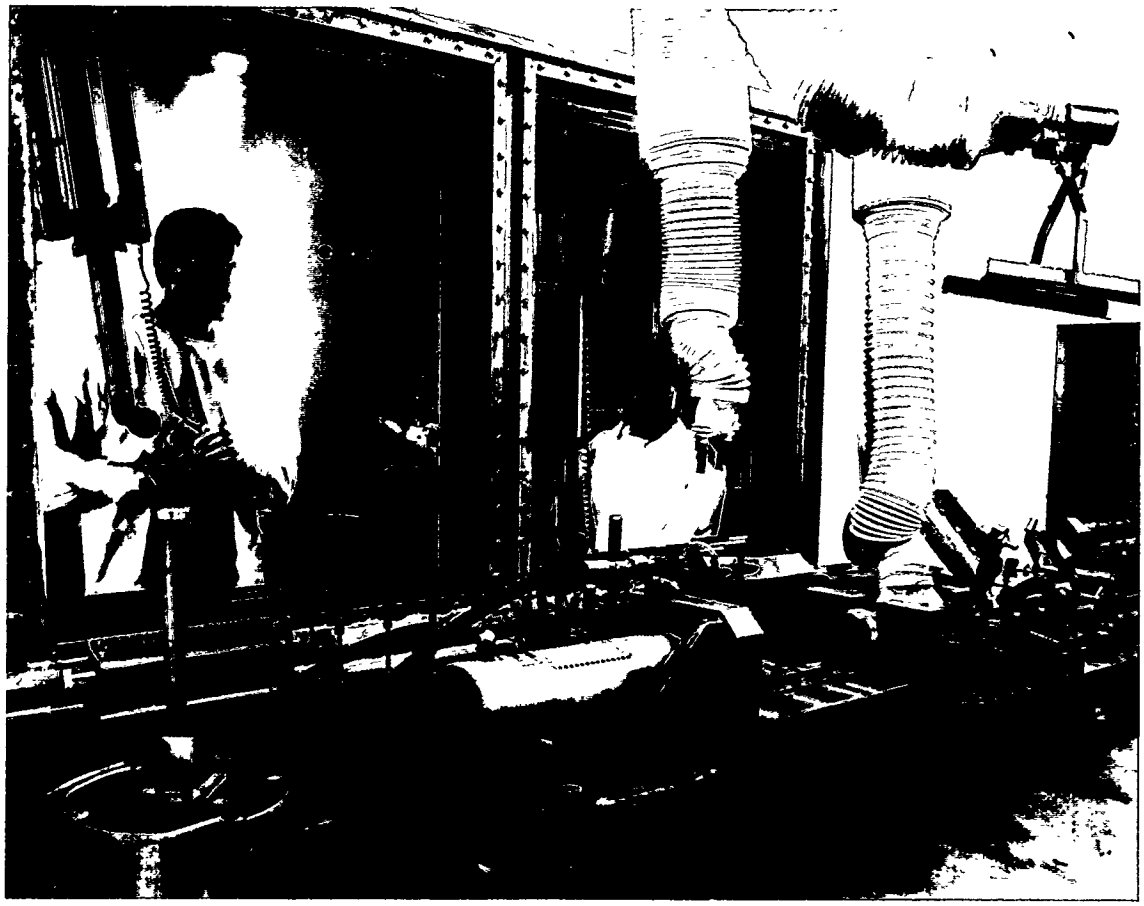
HANFORD SITE INTEGRATED SUMMARY SCHEDULE
HSIS - Logic Bar Chart



Operators using remote arms to manipulate samples in 222S Hot Cells

Analytical Services
1.5.1

6.0 ENFORCEABLE AGREEMENT MILESTONES

9/29/95

ENFORCEABLE AGREEMENT MILESTONES

RL WBS	MS CONTROL	TITLE	LEVEL	TPA MS	TPA MS TYPE	CURRENT BASELINE	PTS TYPE
1.1 Tank Waste Remediation System							
1.1.1.2.1	T2A-96-125	DELIVERY OF THE MOBILE HIGH-LEVEL LIQUID WASTE TRANSPORT CASK	HQ	M-41-03B	I	1/31/96	EA
1.1.1.2.1	T2A-98-101	START INTERIM STABILIZATION OF 1 NON-WATCH LIST TANKS IN 241-T	HQ	M-41-16	I	3/30/98	EA
1.1.1.2.1.3.6	T2A-96-104	DOUBLE-SHELL TANK SPACE EVALUATION.	HQ	M-46-00C	I	9/30/96	EA
1.1.1.2.1.3.6	T2A-97-106	DOUBLE-SHELL TANK SPACE EVALUATION	HQ	M-46-00D	I	9/30/97	EA
1.1.1.2.1.3.6	T2A-98-108	DOUBLE-SHELL TANK SPACE EVALUATION	HQ	M-46-00E	I	9/30/98	EA
1.1.1.2.1.3.6	T2A-99-105	DOUBLE-SHELL TANK SPACE EVALUATION	HQ	M-46-00F	I	9/30/99	EA
1.1.1.2.1.3.6	T2A-00-100	DOUBLE-SHELL TANK SPACE EVALUATION	HQ	M-46-00G	I	9/30/00	EA
1.1.1.2.1.3.6	T2A-01-100	DOUBLE-SHELL TANK SPACE EVALUATION	HQ	M-46-00H	I	9/30/01	EA
1.1.1.2.1.3.6	T2A-02-100	DOUBLE-SHELL TANK SPACE EVALUATION	HQ	M-46-00I	I	9/30/02	EA
1.1.1.2.1.5	T2A-98-103	START INTERIM STABILIZATION OF 1 FERROCYANIDE WATCH LIST TANK	HQ	M-41-17	I	4/30/98	EA
1.1.1.2.1.5	T2A-98-105	START INTERIM STABILIZ. OF 1 FLAMM. GAS WATCH LIST TANK IN 241-T	HQ	M-41-18	I	4/30/98	EA
1.1.1.2.1.5	T2A-98-107	START INTERIM STABILIZATION OF 1 ORGANIC WATCH LIST TANK IN 241-C	HQ	M-41-19	I	9/30/98	EA
1.1.1.2.1.5	T2A-00-103	COMPLETE SINGLE-SHELL TANK INTERIM STABILIZATION	HQ	M-41-00	M	9/30/00	EA
1.1.1.2.1.5.1	T2A-96-101	START INTERIM STABIL. 7 NON-WATCH LIST TANKS IN 241-S TANK FARM	HQ	M-41-09	I	1/31/96	EA
1.1.1.2.1.5.1	T2A-96-102	START INTERIM STABILIZ. 2 FLAM. GAS WATCH LIST TANKS IN 241-A/AX	HQ	M-41-10	I	4/30/96	EA
1.1.1.2.1.5.1	T2A-96-103	START INTERIM STABILIZ. OF 4 FLAM. GAS WATCH LIST TANKS IN 241-U	HQ	M-41-11	I	4/30/96	EA
1.1.1.2.1.5.1	T2A-97-102	START INTERIM STABIL. OF TANKS 241BX106, BY103 & 106	HQ	M-41-12	I	4/30/97	EA
1.1.1.2.1.5.1	T2A-97-103	START INTERIM STABILIZATION OF 7 FLAMMABLE GAS WATCH LIST TANKS	HQ	M-41-14	I	6/30/97	EA
1.1.1.2.1.5.1	T2A-97-104	START INTERIM STABILIZ. OF 2 ORGANIC WATCH LIST TANKS IN 241-S/SX	HQ	M-41-15	I	6/30/97	EA
1.1.1.2.2	T2B-01-100	MITIG./RESOLVE TANK SAFETY ISSUES HIGH PRIORITY WATCH LIST TANKS	HQ	M-40-00	M	9/30/01	EA
1.1.1.2.2.4	T2B-98-100	CLOSE ALL UNREVIEWED SAFETY QUESTIONS (USQ) FOR DST'S AND SST'S	HQ	M-40-09	I	9/30/98	EA
1.1.1.2.2.4.2	T2B-97-100	COMPLETE VAPOR SPACE MONITOR. FOR FLAMMABLE GAS GENERATING TANKS	HQ	M-40-10	I	1/31/97	EA
1.1.1.2.2.8.1	T2B-96-100	PERFORM VAPOR CHARACTERIZATION FOR FERROCYANIDE WATCH LIST TANKS	HQ	M-40-03	I	11/30/95	EA
1.1.1.2.2.8.1	T2B-96-101	PERFORM VAPOR CHARACTERIZATION FOR ALL ORGANIC WATCH LIST TANKS	HQ	M-40-08	I	11/30/95	EA
1.1.1.2.2.9.1	T2B-99-100	RESOLVE NUCLEAR CRITICALITY SAFETY ISSUE	HQ	M-40-12	I	9/30/99	EA
1.1.1.2.3.10.1	T2C-97-101	COMPLETE CONSTRUCTION FOR W-030	HQ	M-43-01B	I	10/31/96	EA
1.1.1.2.3.10.1	T2C-97-100	COMPLETE PROJECT W-030 TANK FARM VENTILATION UPGRADES	HQ	M-43-01	I	12/31/96	EA
1.1.1.2.3.10.1	T2C-97-102	BEGIN OPERATION FOR W-030	HQ	M-43-01C	I	12/31/96	EA
1.1.1.2.3.11	T2C-98-103	COMPLETE PROJECT W-058 REPLACEMENT OF CROSS-SITE TRANSFER SYSTEM.	HQ	M-43-07	I	2/28/98	EA
1.1.1.2.3.11	T2C-98-104	CROSS SITE TRANSFER SYSTEM OPERATIONAL.	HQ	M-43-07C	I	2/28/98	EA
1.1.1.2.3.11.1	T2C-96-110	START CONSTRUCTION OF W-058	HQ	M-43-07A	I	11/30/95	EA
1.1.1.2.3.11.1	T2C-97-108	COMPLETE CONSTRUCTION FOR W-058	HQ	M-43-07B	I	8/31/97	EA
1.1.1.2.3.4	T2C-98-100	INITIATE "HOT" OPERATIONS OF THE HWTF 200W AREA TANKS.	HQ	M-42-01	I	2/28/98	EA
1.1.1.2.3.4	T2C-98-101	COMPLETE CONSTRUCTION OF THE HWTF 200E AREA TANKS.	HQ	M-42-02	I	9/30/98	EA
1.1.1.2.3.4	T2C-99-100	PROVIDE ADDITIONAL DOUBLE-SHELL TANK CAPACITY.	HQ	M-42-00	M	12/31/98	EA
1.1.1.2.3.4.1	T2C-96-713	CONCURRENCE OF ADDITIONAL TANK ACQUISITION	HQ	M-46-01B	I	11/30/95	EA
1.1.1.2.3.4.1	T2C-97-714	CONCURRENCE OF ADDITIONAL TANK ACQUISITION	HQ	M-46-01C	I	11/30/96	EA

L WBS	MS CONTROL	TITLE	LEVEL	TPA MS	TPA MS TYPE	CURRENT BASELINE	PTS TYPE
.1 Tank Waste Remediation System							
.1.1.2.3.4.1	M-46-01D	CONCURRENCE OF ADDITIONAL TANK ACQUISITION	MQ	M-46-01D	I	11/30/97	EA
.1.1.2.3.7	T2C-99-105	PROV WA ST DPT OF ECOL & DPT OF HEALTH INTEG LEVEL 3 SCHEDULE	MQ	M-43-04B	I	12/31/98	EA
.1.1.2.3.7.1	T2C-96-104	PROV WA ST DPT OF ECOL THE PROJECT W-314C CONCEPTUAL DESIGN RPT	MQ	M-43-05A	I	5/31/96	EA
.1.1.2.3.7.1	T2C-97-107	PROV WA ST. DPT OF ECOL PROJECT CONCEPTUAL DESIGN RPT FOR W-314D	MQ	M-43-06A	I	5/31/97	EA
.1.1.2.3.9.10	T2C-97-104	PROV WA ST DPT OF ECOL & DPT OF HEALTH SST VENTIL. UPGRADE NEEDS	MQ	M-43-03	I	3/31/97	EA
.1.1.2.4	T2D-98-100	SUBMIT A DRAFT COPY OF THE TWRS TANK WASTE ANALYSIS PLAN'S (TWAP)	MQ	M-44-01E	I	5/31/98	EA
1.1.1.2.4	T2D-98-101	SUBMIT TWAP ANNUALLY TO ECOLOGY AND EPA FOR APPROVAL.	MQ	M-44-02E	I	8/31/98	EA
1.1.1.2.4	T2D-99-102	SUBMIT A DRAFT COPY OF THE TWRS TANK WASTE ANALYSIS PLAN'S (TWAP)	MQ	M-44-01F	I	5/31/99	EA
1.1.1.2.4	T2D-99-100	SUBMIT TWAP ANNUALLY TO ECOLOGY AND EPA FOR APPROVAL.	MQ	M-44-02F	I	8/31/99	EA
1.1.1.2.4.5.4	T2D-96-102	ISSUE 40 TCR'S IN ACCORDANCE WITH THE APPROVED TCP'S	MQ	M-44-09	I	9/30/96	EA
1.1.1.2.4.5.4	T2D-97-102	ISSUE 40 TCRs IN ACCORDANCE WITH THE APPROVED TCPs.	MQ	M-44-10	I	9/30/97	EA
1.1.1.2.4.5.4	T2D-98-102	ISSUE 30 TCRs IN ACCORDANCE WITH THE APPROVED TCPs.	MQ	M-44-11	I	9/30/98	EA
1.1.1.2.4.5.4	T2D-99-101	ISSUE 14 TCRs IN ACCORDANCE WITH THE APPROVED TCPs.	MQ	M-44-12	I	9/30/99	EA
1.1.1.2.4.5.4	T2D-99-103	ISSUE TANK CHARACTERIZATION REPORTS (TCRs)	MQ	M-44-00	M	9/30/99	EA
1.1.1.2.4.5.7	T2D-96-100	SUBMIT A DRAFT COPY OF THE TWRS TANK WASTE ANALYSIS PLAN'S (TWAP)	MQ	M-44-01C	I	5/31/96	EA
1.1.1.2.4.5.7	T2D-96-101	SUBMIT TWAP ANNUALLY TO ECOLOGY AND EPA FOR APPROVAL.	MQ	M-44-02C	I	8/31/96	EA
1.1.1.2.4.5.7	T2D-97-100	SUBMIT A DRAFT COPY OF THE TWRS TANK WASTE ANALYSIS PLAN'S (TWAP)	MQ	M-44-01D	I	5/31/97	EA
1.1.1.2.4.5.7	T2D-97-101	SUBMIT TWAP ANNUALLY TO ECOLOGY AND EPA FOR APPROVAL.	MQ	M-44-02D	I	8/31/97	EA
1.1.1.2.5	M-45-09A	SUBMIT ANNUAL PROGRESS RPT WT LEAK MONITOR/DETECT & MITIGATION	MQ	M-45-09A	I	9/30/96	EA
1.1.1.2.5	M-45-09B	SUBMIT ANNUAL PROGRESS RPT ON WT LEAK MONITOR/DETECT & MITIGATION	MQ	M-45-09B	I	9/30/97	EA
1.1.1.2.5	M-45-09C	SUBMIT ANNUAL PROGRESS RPT ON WT LEAK MONITOR/DETECT & MITIGATION	MQ	M-45-09C	I	9/30/98	EA
1.1.1.2.5	T2E-98-100	SUBMIT ANNUAL UPDATE SST RETRIEVAL SEQ DOC FOR ECOLOGY APPROVAL	MQ	M-45-02C	I	9/30/98	EA
1.1.1.2.5	M-45-09D	SUBMIT ANNUAL PROGRESS RPT ON WT LEAK MONITOR/DETECT & MITIGATION	MQ	M-45-09D	I	9/30/99	EA
1.1.1.2.5	T2E-99-100	SUBMIT ANNUAL UPDATE SST RETRIEVAL SEQ DOC FOR ECOLOGY APPROVAL	MQ	M-45-02D	I	9/30/99	EA
1.1.1.2.5	M-45-09E	SUBMIT ANNUAL PROGRESS RPT ON WT LEAK MONITOR/DETECT & MITIGATION	MQ	M-45-09E	I	9/30/00	EA
1.1.1.2.5	T2E-00-100	SUBMIT ANNUAL UPDATE OF SST RETRIEVAL SEQ DOC FOR ECOLOGY APPROV	MQ	M-45-02E	I	9/30/00	EA
1.1.1.2.5	M-45-08A	C/ SYS DES & OPER STRATEGY FOR TANK LEAK MONITORING & MITIGATION	MQ	M-45-08A	I	12/31/00	EA
1.1.1.2.5	M-45-09F	SUBMIT ANNUAL PROGRESS RPT ON WT LEAK MONITOR/DETECT & MITIGATION	MQ	M-45-09F	I	9/30/01	EA
1.1.1.2.5	T2E-01-100	SUBMIT ANNUAL UPDATE OF SST RETRIEVAL SEQ DOC FOR ECOLOGY APPROV	MQ	M-45-02F	I	9/30/01	EA
1.1.1.2.5	T2E-02-100	SUBMIT ANNUAL UPDATE OF SST RETRIEVAL SEQ DOC FOR ECOLOGY APPROV	MQ	M-45-02G	I	9/30/02	EA
1.1.1.2.5.1.1	T2E-96-101	SUBMIT INITIAL SST RETRIEVAL SEQUENCE DOCUMENT FOR ECOLOGY APPROV	MQ	M-45-02A	I	9/30/96	EA
1.1.1.2.5.1.1	T2E-97-104	SUBMIT ANNUAL UPDATE SST RETRIEVAL SEQ DOC FOR ECOLOGY APPROVAL	MQ	M-45-02B	I	9/30/97	EA
1.1.1.2.5.12.1	T2E-97-105	COMPLETE CONCEPTUAL DESIGN FOR THE INITIAL SST RETRIEVAL SYSTEMS	MQ	M-45-04A	I	4/30/97	EA
1.1.1.2.5.9.5	T2E-97-106	INITIATE SLUICING RETRIEVAL OF C-106	MQ	M-45-03A	I	10/31/97	EA
1.1.1.3.1.4.2	T3A-98-100	CMPLT EVAL OF ENHANCED SLUDGE WASHING,DETERMINE PROCESS REQUIRE.	MQ	M-50-03	I	3/31/98	EA
1.1.1.3.1.5.1	T3A-99-101	START CONSTRUCTION OF LLW PRETREATMENT FACILITY	MQ	M-50-01	I	11/30/98	EA
1.1.1.3.2.2	T3B-96-100	CMPLT MELTER FEASIBILITY & SYS OPERABILITY TESTS, SELECT MELTERS	MQ	M-60-02	I	6/30/96	EA

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ENFORCEABLE AGREEMENT MILESTONES

RL WBS	MS CONTROL	TITLE	LEVEL	TPA MS	TPA MS TYPE	CURRENT BASELINE	PTS TYPE
1.1 Tank Waste Remediation System							
1.1.1.3.2.5	T3B-97-100	SUB CONCEPTUAL DESIGN & INITIATE DEFIN. DESIGN OF LLW VITRI FACIL	IIQ	M-60-03	I	11/30/96	EA
1.1.1.3.2.5	T3B-98-100	INITIATE CONSTRUCTION OF THE LLW VITRIFICATION FACILITY.	IIQ	M-60-04	I	12/31/97	EA
1.1.1.3.3.2.5	T3C-98-100	COMPLETE MELTER TESTS AND SELECT REFERENCE MELTER	IIQ	M-51-02	I	9/30/98	EA
1.1.2.3		COMPLETE CONSTRUCTION OF W-314A.	IIQ	M-43-04C	I	12/31/01	EA
1.1.2.3		COMPLETE CONSTRUCTION OF W-314B (DST VENTILATION UPGRADE)	IIQ	M-43-02B	I	12/31/01	EA
1.1.2.3		CMPLT PROJECT W-314A TANK FARM INTEG INSTRUMENTA. SYSTEM UPGRADES	IIQ	M-43-04	I	6/30/02	EA
1.1.2.3		COMPLETE PROJECT W-314B DOUBLE SHELL TANK VENTILATION UPGRADE.	IIQ	M-43-02	I	6/30/02	EA
1.1.2.3		START OPERATION OF W-314A.	IIQ	M-43-04D	I	6/30/02	EA
1.1.2.3		START OPERATION OF W-314B (DOUBLE SHELL TANK VENTILATION UPGRADE)	IIQ	M-43-02C	I	6/30/02	EA

9/29/95 ENFORCEABLE AGREEMENT MILESTONES

:L WBS	MS CONTROL	TITLE	LEVEL	TPA MS	TPA MS TYPE	CURRENT BASELINE	PTS TYPE
1.2.1 Solid Waste Program							
1.2.1.2	M-18-01	COMPLETE CONSTRUCTION OF WRAP MODULE I	HQ	M-18-01	I	3/31/96	EA
1.2.1.2	M-18-00	COMPLETE WRAP MODULE I CONSTRUCTION AND INITIATE OPERATIONS	HQ	M-18-00	M	3/31/97	EA
1.2.1.3	M-19-01	COMPLETE WRAP MODULE II CONSTRUCTION	FO	M-19-01	I	9/30/98	EA
1.2.1.3	M-19-00	COMPLETE WRAP MODULE II CONSTRUCTION AND INITIATE OPERATIONS	HQ	M-19-00	M	9/30/99	EA
1.2.1.7	A31-96-T01	SUBMIT T-PLANT COMPLEX PART B PERMIT APP TO ECOLOGY & EPA	FO	M-20-51	I	12/31/95	EA
1.2.1.9	AB1-99-T01	COMPLETE T PLANT TANK ACTIONS	FO	M-32-03	I	9/30/99	EA

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ENFORCEABLE AGREEMENT MILESTONES

RL WBS	MS CONTROL	TITLE	LEVEL	TPA MS	TPA MS TYPE	CURRENT BASELINE	PTS TYPE
1.2.2 Liquid Waste Program							
1.2.2.1	LEP-96-003	SUBMIT TO EPA & ECOL EVAL OF DEVEL STATUS OF TRITIUM TREAT TECH	IIQ	M-26-05C	I	8/31/96	EA
1.2.2.1	M-17-06K	REPLACE 300 AREA PROCESS SEWER PIPING BEGINNING AT 5' OUTSIDE	IIQ	M-17-06K	I	6/30/97	EA
1.2.2.1	LEP-97-003	SUBMIT TO EPA & ECOL EVAL OF DEVELOP STATUS OF TRITIUM TREAT TECH	IIQ	M-26-05D	I	8/31/97	EA
1.2.2.1	LEP-98-001	COMPLETE PHASE II STREAM PROJECT OPERATIONAL READINESS EVALUATION	FO			9/30/97	EA
1.2.2.1	LEP-98-002	COMPLETE IMPLEMENTATION OF BAT/AKART FOR ALL PHASE II STREAMS	FO			10/30/97	EA
1.2.2.1	M-17-00B	COMPLETE IMPLEMENTATION OF BEST AVAILABLE TECHNOLOGY EFFLUENT.	IIQ	M-17-00B	I	10/31/97	EA
1.2.2.1	LEP-98-004	SUBMIT TO EPA & ECOL EVAL OF DEVEL STATUS OF TRITIUM TREAT TECH	IIQ	M-26-05E	I	8/31/98	EA
1.2.2.1	LEP-99-001	SUBMIT TO EPA & ECOL EVAL OF DEVEL STATUS OF TRITIUM TREAT TECH	IIQ	M-26-05F	I	8/31/99	EA
1.2.2.1	LEP-00-001	SUBMIT TO EPA & ECOL EVAL OF DEVEL STATUS OF TRITIUM TREAT TECH	IIQ	M-26-05G	I	8/31/00	EA
1.2.2.1	LEP-01-001	SUBMIT TO EPA & ECOL EVAL OF EVAL STATUS OF TRITIUM TREAT TECH	IIQ	M-26-05H	I	8/31/01	EA

ENFORCEABLE AGREEMENT MILESTONES

RL WBS	MS CONTROL	TITLE	LEVEL	TPA MS	TPA MS TYPE	CURRENT BASELINE	PTS TYPE
1.3.1 Transition Projects							
1.3.1.7	TRP-96-601	COMPLETE B PLANT TANK INTEGRITY ASSESSMENT REPORT	HQ	M-32-07	I	12/31/95	EA

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ENFORCEABLE AGREEMENT MILESTONES

RL WBS	MS CONTROL	TITLE	LEVEL	TPA MS	TPA MS TYPE	CURRENT BASELINE	PTS TYPE
1.4.1 Spent Nuclear Fuel							
1.4.1.1	SNF-96-801	INITIATED NEGO. W/ECOL & EPA ON INCORP OF TRANSITION ACTIVITIES	HQ	M-34-02	I	6/30/96	EA
1.4.1.8.1	SNF-96-801	NEGOTIATE LONG-TERM FUEL STORAGE AND DISPOSITION WITH REGULATORS	HQ	M-34-02	I	6/28/96	EA

RL WBS	MS CONTROL	TITLE	LEVEL	TPA MS	TPA MS TYPE	CURRENT BASELINE	PTS TYPE
1.5.1 Analytical Services							
1.5.1.4	M-14-00	COMPLETE CONSTRUCTION/INITIATE OPS OF A LOW-LEVEL MIXED WASTE LAB	HQ	M-14-00	M	10/31/95	EA
1.5.1.4	M-14-04	PROVIDE PROCUREMENT OF LOCALLY-PROVIDED LAB SERVICES FOR LONG TER	FO	M-14-04	I	10/31/95	EA
1.5.1.6	M-32-02	COMPLETE 219-S TANK INTERIM STATUS ACTIONS.	HQ	M-32-02	I	9/30/97	EA

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ENFORCEABLE AGREEMENT MILESTONES

RL WBS	MS CONTROL	TITLE	LEVEL	TPA MS	TPA MS TYPE	CURRENT BASELINE	PTS TYPE
1.5.2 Environmental Support							
1.5.2.1	ESH-96-16	PUBLISH HISTORICAL INFORMATION ACCESS IMPROVEMENT PLAN	HQ	M-35-05	I	11/30/95	EA
1.5.2.1	ESH-96-17	UPDATE TRI-PARTY AGREEMENT DATABASES, ACCESS MECHANISM & PROCEDU.	HQ	M-35-06	I	1/31/96	EA
1.5.2.1	ESH-96-18	DEVELOP AN INFORMATION LOCATOR SERVICE ON HLAN	HQ	M-35-07	I	3/31/96	EA
1.5.2.1	ESH-96-012	SUBMIT AN ANNUAL HANFORD LAND DISPOSAL RESTRICTIONS REPORT	FO	M-26-01F	I	4/30/96	EA
1.5.2.1	ESH-96-013	SUBMIT PART B PERMIT APPLICATIONS OR CLOSURE PLANS FOR ALL RCRA	HQ	M-20-00	H	5/31/96	EA
1.5.2.1	ESH-96-19	COMPLETE NEGOTIATION OF DEFINITIVE IMPLEMENTATION SCHEDULES...	HQ	M-35-08	I	6/30/96	EA
1.5.2.1	ESH-97-011	SUBMIT AN ANNUAL HANFORD LAND DISPOSAL RESTRICTIONS REPORT	FO	M-26-01G	I	4/30/97	EA
1.5.2.1	ESH-98-20A	CONDUCT BIENNIAL ASSESS. OF INFOR.,DATA ACCESS W/EPA & ECOLOGY	HQ	M-35-09A	I	3/31/98	EA
1.5.2.1	ESH-98-011	SUBMIT AN ANNUAL HANFORD LAND DISPOSAL RESTRICTIONS REPORT	FO	M-26-01H	I	4/30/98	EA
1.5.2.1	ESH-99-011	SUBMIT AN ANNUAL HANFORD LAND DISPOSAL RESTRICTIONS REPORT	FO	M-26-01I	I	4/30/99	EA
1.5.2.1	ESH-00-20B	CONDUCT BIENNIAL ASSESS. OF INFO. AND DATA ACCESS NEEDS EPA&ECOLO	HQ	M-35-09B	I	3/31/00	EA
1.5.2.1	ESH-00-011	SUBMIT AN ANNUAL HANFORD LAND DISPOSAL RESTRICTIONS REPORT	FO	M-26-01J	I	4/30/00	EA
1.5.2.1	ESH-02-20C	CONDUCT BIENNIAL ASSESS. OF INFO. & DATA ACCESS NEEDS W/EPA&ECOLO	HQ	M-35-09C	I	3/31/02	EA

RL WBS	MS CONTROL	TITLE	LEVEL	TPA MS	TPA MS TYPE	CURRENT BASELINE	PTS TYPE
1.5.3 RCRA & Operational Monitoring							
1.5.3.2	RAG-96-307	INSTALL RCRA GROUNDWTR MONITOR WELLS AT RATE OF UP TO 50 IN CY 95	HQ	M-24-00G	I	12/31/95	EA
1.5.3.2	RAG-97-308	INSTALL RCRA GROUNDWTR MONITOR WELLS AT RATE OF UP TO 50 IN CY 96	HQ	M-24-00H	I	12/31/96	EA
1.5.3.2	RAG-98-309	INSTALL RCRA GROUNDWTR MONITOR WELLS AT RATE OF UP TO 50 IN CY 97	HQ	M-24-00I	I	12/31/97	EA
1.5.3.2	RAG-99-310	INSTALL RCRA GROUNDWTR MONITOR WELLS AT RATE OF UP TO 50 IN CY 98	HQ	M-24-00J	I	12/31/98	EA
1.5.3.2	RAG-00-300	INSTALL RCRA GROUNDWATER MONITORING WELLS	HQ	M-24-00	M	12/31/99	EA
1.5.3.2	RAG-00-311	INSTALL RCRA GROUNDWTR MONITOR WELLS AT RATE OF UP TO 50 IN CY 99	HQ	M-24-00K	I	12/31/99	EA

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ENFORCEABLE AGREEMENT MILESTONES

RL WBS	MS CONTROL	TITLE	LEVEL	TPA MS	TPA MS TYPE	CURRENT BASELINE	PTS TYPE
1.7 Science & Technical Research Supt							
1.7.1.1.1	84000PA604	SUBMIT BIOLOGICAL TREATMENT PART B TO ECOLOGY AND EPA	FO	M-20-44	I	12/31/95	EA
1.7.1.1.2	84100EA601	SUBMIT CLOSURE PLAN FOR NON-PERMITTED MW IN 324 BLDG B-CELL	FO	M-20-55	I	12/31/95	EA
1.7.1.1.2	84100EA7XX	COMPLETE REMOVAL OF 324 BLDG HLV TANK MW (TK-104, ETC)	FO	M-89-01	I	10/31/96	EA
1.7.1.1.2	84100EA9XX	COMPLETE REMOVAL OF 324 BLDG REC B-CELL MW AND EQUIPMENT	FO	M-89-02	I	5/31/99	EA

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ENFORCEABLE AGREEMENT ...eSTONES

RL WBS	MS CONTROL	TITLE	LEVEL	TPA MS	TPA MS TYPE	CURRENT BASELINE	PTS TYPE
1.8.2 Planning Integration							
1.8.2	M-33-00	SUBMIT A DOE SIGNED CHANGE PACKAGE FOR ACQUIS. OF NEW FACILITIES	HQ	M-33-00	M	12/31/95	EA

RL WBS	MS CONTROL	TITLE	LEVEL	TPA MS	TPA MS TYPE	CURRENT BASELINE	PTS TYPE
2.0 Environmental Restoration							
2.1.10	P-15-21	SUBMIT 200-BP-5 DRAFT IRM PROPOSED PLAN TO EPA/ECOLOGY	HQ	M-15-21	I	10/31/95	EA
2.1.10	M-15-81A	SUBMIT RCRA/CERCLA GROUNDWATER STUDY	HQ	M-15-81A	I	12/31/95	EA
2.1.10	M-15-81B	SUBMIT THE I-29 FS REPORT	HQ	M-15-81B	I	4/30/96	EA
2.1.10	1PL-95-007	SUBMIT 216-A-29 DITCH CLOSURE/POSTCLOSURE PLAN TO ECOLOGY AND EPA	HQ	M-20-36	I	5/31/96	EA
2.1.10	M-20-00	SUB PART B PERMIT APPS OR CLOSURE PLANS FOR ALL RCRA TSD UNITS.	HQ	M-20-00	M	5/31/96	EA
2.1.10	M-13-13	SUBMIT 200-BP-2 RFI/CMS WORK PLAN	HQ	M-13-13	I	12/31/98	EA
2.1.10	M-13-00L-A	SUBMIT 3 RI/FS (RFI/CMS) WORK PLANS. (FOR 200 NPL AREA)	HQ	M-13-00L	I	12/31/01	EA
2.1.12	M-13-95-01	SUBMIT 200-PO-1 PHASE 1 RCRA FIELD INSPECTION	HQ	M-15-25	I	12/31/95	EA
2.1.12	M-15-25	SUBMIT 200-PO-1 PHASE I RCRA FIELD INVESTIGATION (RFI) REPORT	HQ	M-15-25	I	12/31/95	EA
2.1.12	M-13-95-01	SUBMIT 200-PO-1 CORRECTIVE MEASURES STUDY TO EPA/ECOLOGY	HQ	M-15-25A	I	7/31/96	EA
2.1.12	M-15-25A	SUBMIT 200-PO-1 CORRECTIVE MEASURES STUDY (CMS)	HQ	M-15-25A	I	7/31/96	EA
2.1.12	M-13-95-01	SUBMIT 200-PO-1 PERMIT MODIFICATIOJN TO EPA/ECOLOGY	HQ	M-15-25B	I	8/30/96	EA
2.1.12	M-15-25B	SUBMIT 200-PO-1 PERMIT MODIFICATION	HQ	M-15-25B	I	8/30/96	EA
2.1.12	M-13-11	SUBMIT 200-PO-2 WORK PLAN	HQ	M-13-11	I	6/30/98	EA
2.1.12	M-20-94-05	SUBMIT 216-A-37-1 CRIB CLOSURE/POST CLOSURE PLAN TO EPA/ECOLOGY	HQ	M-20-52	I	10/31/98	EA
2.1.12	M-20-94-05	SUBMIT 216-A-37-1 CRIB CLOSURE/POST CLOSURE PLAN TO EPA/ECOLOGY	HQ	M-20-52	I	10/31/98	EA
2.1.12	P-13-12	SUBMIT 200-PO-4 RFI/CMS WORK PLAN	HQ	M-13-12	I	10/31/98	EA
2.1.12	M-20-94-05	SUBMIT 207-A RETENTION BASIN	HQ	M-20-53	I	10/31/99	EA
2.1.12	M-20-94-05	SUBMIT 207-A RETENTION BASIN	HQ	M-20-53	I	10/31/99	EA
2.1.12	P-13-16	SUBMIT 200-PO-5 RFI/CMS WORK PLAN	HQ	M-13-16	I	10/31/99	EA
2.1.12	M-13-00KA	SUBMIT 2 RI/FS (RFI/CMS) WORK PLANS FOR 200 NPL AREAS	HQ	M-13-00K	I	12/31/00	EA
2.1.13	M-13-15	SUBMIT 200-RO-1 RFI/CMS WORK PLAN	HQ	M-13-15	I	6/30/99	EA
2.1.14	M-20-94-05	SUBMIT 241-CX TANK SYSTEM CLOSURE/POSTCLOURE PLAN	HQ	M-20-54	I	2/28/00	EA
2.1.14	P-13-17	SUBMIT 200-SO-1 RFI/CMS WORK PLAN	HQ	M-13-17	I	2/28/00	EA
2.1.16	1PT-95-004	SUBMIT THE DRAFT 200-UP-2 FFS REPORT TO EPA/ECOLOGY FOR REVIEW.	HQ	M-15-15C	I	4/30/96	EA
2.1.16	1PT-95-005	SUBMIT THE DRAFT 200-UP-2 IRM PROPOSED PLAN TO EPA/ECO FOR REVIEW	HQ	M-15-15D	I	4/30/96	EA
2.1.16	M-15-15E	ISSUE FINAL DRAFT 200-UP-2 LIMITED FIELD INVEST. RPT, IRM PLAN,	HQ	M-15-15E	I	12/31/96	EA
2.1.18	P-13-14	SUBMIT 200-IU-3 RFI/CMS WORK PLAN	HQ	M-13-14	I	2/28/99	EA
2.1.2	M-20-33	SUBMIT 216-A-10 CRIB AND 216-A-36B CRIB CLOSURE/POST CLOSURE PLAN	HQ	M-20-33	I	3/31/96	EA
2.1.2	M-20-36	SUBMIT 216-A-29 DITCH CLOSURE/POSTCLOSURE PLAN TO ECOLOGY AND EPA	HQ	M-20-36	I	5/31/96	EA
2.1.2	M-20-39	SUBMIT 216-S-10 POND AND DITCH CLOSURE PLAN TO ECOLOGY AND EPA.	HQ	M-20-39	I	5/31/96	EA
2.1.22	M-16-94-03	ESTABLISH DATE FOR COMPLETION OF THE 300 AREA REMEDIAL ACTIONS	HQ	M-16-03A	I	12/31/95	EA
2.1.22	M-15-00B	COMPLETE ALL 300 AREA OU PRE ROD SITE INVESTIGATIONS	HQ	M-15-00B	I	12/31/99	EA
2.1.22	M-16-94-03	ESTABLISH DATE FOR COMPLETION OF THE 300 AREA REMEDIAL ACTIONS	HQ	M-16-03A	I	6/30/02	EA
2.1.23	M-16-94-03	SUBMIT CONSTRUCTION COMPLETION REPORTS FIR 1100 AREA OU'S	HQ	M-16-05A	I	12/31/95	EA
2.1.23	M-16-94-03	SUBMIT CONSTRUCTION COMPLETION REPORTS FOR THE 1100 AREA OU'S	HQ	M-16-05A	I	12/31/95	EA
2.1.4	M-16-94-03	ESTABLISH DATE FOR COMPLETION OF ALL 100 AREA REMEDIAL ACTIONS	HQ	M-16-00F	I	12/31/01	EA

RL WBS	MS CONTROL	TITLE	LEVEL	TPA MS	TPA MS TYPE	CURRENT BASELINE	PTS TYPE
2.0 Environmental Restoration							
2.1.6		SUBMIT 100-KR-2 IRM PROPOSED PLAN TO EPA & ECOLOGY	HQ	M-15-33B	I	12/29/95	EA
2.1.6	M-13-001	SUBMIT DOC'N TO COMPLETE RI/FS PROCESS FOR 100-KR-2 & 100-FR-2	HQ	M-13-001	I	12/31/95	EA
2.1.6	M-13-00J	SUBMIT PLANNING DOCUMENTATION NECESSARY TO COMPLETE THE RI/FS	HQ	M-13-00J	I	12/31/96	EA
2.1.7	M-16-94-03	ESTABLISH DATE FOR COMPLETION OF ALL 100 AREA REMEDIAL ACTIONS.	HQ	M-16-00F	I	12/31/01	EA
2.1.8	M-15-94-09	COMPL ALL 100 AREA OU PRE-ROD SITE INVESTIGATION-APPROVED WP	HQ	M-15-00A	I	12/31/99	EA
2.1.9	M-16-12E	SUBMIT PERFORMANCE EVALUATION REPORT	HQ	M-16-12E	I	2/28/96	EA
2.1.9	M-15-12A	SUBMIT 1301/1325 CRIB LFI REPORT	HQ	M-15-12A	I	7/31/96	EA
2.1.9	M-15-12C	SUBMIT 100-NR-1 AND 100-NR-2 CMS TO ECOL/EPA	HQ	M-15-12C	I	11/30/96	EA
2.1.9	M-15-12B	SUBMIT 1301/1325N CRIB CLOSURE PLAN / CMS	HQ	M-15-12B	I	3/31/97	EA
2.2.2	M-15-94-04	SUBMIT NECESSARY 100-N AREA DECONTAMINATION AND DECOMMISSIONING	HQ	M-16-01A	I	6/30/97	EA
2.2.2	M-16-01A	SUBMIT NECESSARY 100N AREA D&D/NEPA DOCUMENT'N FOR PUBLIC REVIEW	HQ	M-16-01A	I	6/30/97	EA
2.2.5	M-16-01E	COMPLETE N REACTOR/100N AREA DEACTIVATION	HQ	M-16-01E	I	9/30/97	EA
2.5.1	M-70-00	ERDF WILL BE OPERATIONAL (AVAIL TO RECEIVE REMED WASTE) SEPT 1996	HQ	M-70-00	M	9/30/96	EA

9/29/95 ENFORCEABLE AGREEMENT .. .IONES

IL WBS	MS CONTROL	TITLE	LEVEL	TPA MS	TPA MS TYPE	CURRENT BASELINE	PTS TYPE
'.1 Transition Projects							
7.1.1	TRP-96-204	SUBMIT END POINT CRITERIA/S&M PLAN FOR PUREX PRECLOSURE WORK PLAN	HQ	M-80-02	I	7/31/96	EA
7.1.1	TRP-96-205	SUBMIT A PUREX PRECLOSURE WORK PLAN TO EPA AND ECOLOGY	HQ	M-20-24A	I	7/31/96	EA
7.1.1	TPA-97-209	REMOVE PROCESS WASTE SOLUTIONS FROM TANKS D5 AND E6	HQ	M-80-03	I	1/31/97	EA
7.1.1	TRP-97-210	COMPLETE DEACTIVATION OF THE PUREX PLANT U-CELL/FRACTIONATOR	HQ	M-80-04	I	4/30/97	EA
7.1.1	TRP-97-211	COMPLETE DEACTIVATION OF THE PUREX PLANT AQUEOUS MAKEUP AREA	HQ	M-80-05	I	6/30/97	EA
7.1.1	TRP-97-212	COMPLETE DEACTIVATION OF THE PUREX PLANT CANYON	HQ	M-80-06	I	7/31/97	EA
7.1.1	TRP-98-204	COMPLETE DEACTIVATION OF THE PUREX PLANT 203-A AREA	HQ	M-80-07	I	4/30/98	EA
7.1.1	TRP-98-205	DOCUMENT HAZARDOUS SUBSTANCES/DANGEROUS WASTES REMAINING IN PUREX	HQ	M-80-08	I	7/31/98	EA
7.1.1	TRP-98-206	COMPLETE PUREX/U03 FACILITY TRANSITION PHASE & INITIATE S&M PHASE	HQ	M-80-00	M	7/31/98	EA
7.1.3	TRP-96-407	SUBMIT DRAFT ENVIRONMENTAL IMPACT STATEMENT	HQ	M-83-01	I	11/30/95	EA
7.1.3	TRP-97-402	SUBMIT PFP PART B PERMIT APPLIC. OR CLOSURE PLAN TO EPA & ECOLOGY	HQ	M-20-40A	I	12/31/96	EA
7.1.3	TRP-98-401	COMPLETE IDENTIFIED INTERIM ACTIONS	HQ	M-83-02	I	12/31/98	EA

RL WBS	MS CONTROL	TITLE	LEVEL	TPA MS	TPA MS TYPE	CURRENT BASELINE	PTS TYPE
7.3 Advanced Reactor							
7.3.1.1.7.1	B17-98-102	SUBMIT FFTF END POINT CRITERIA DOCUMENT	FO	M-81-03	I	12/31/98	EA
7.3.1.1.7.1	B17-00-101	SUBMIT SODIUM STORAGE FACILITY & SODIUM REACTION FACIL CLOSURE PL	FO	M-20-29A	I	12/31/99	EA
7.3.1.1.7.1	B17-01-101	SUBMIT FFTF SURVEILLANCE AND MAINTENANCE PLAN	FO	M-81-05	I	6/30/01	EA
7.3.1.1.7.1	B17-02-102	COMPLETE FFTF TRANSITION AND INITIATE THE S&M PHASE	FO	M-81-00	M	12/31/01	EA
7.3.1.1.9.4	B19-98-402	COMPLETE SODIUM SYSTEM FACILITY STARTUP	FO	M-81-02	I	7/31/98	EA
7.3.1.1.9.4	B19-00-401	COMPLETE FFTF SODIUM DRAIN	FO	M-81-04	I	3/31/00	EA
7.3.1.1.9.5	B19-01-502	COMPLETE PCB TRANSFORMER DISPOSAL	FO	M-81-06	I	9/30/01	EA
7.3.1.2.9.3	B99-97-303	INITIATE SODIUM STORAGE FACILITY CONSTRUCTION	FO	M-81-01	I	2/28/97	EA

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ENFORCEABLE AGREEMENT MILESTONES

RL WBS	HS CONTROL	TITLE	LEVEL	TPA HS	TPA HS TYPE	CURRENT BASELINE	PTS TYPE
7.5 Landlord Programs							
7.5.5.6	LLP-97-008	REPLACE 300 AREA PROCESS SEWER PIPING BEGINNING AT 5' OUTSIDE	HQ	M-17-06K	I	6/30/97	EA

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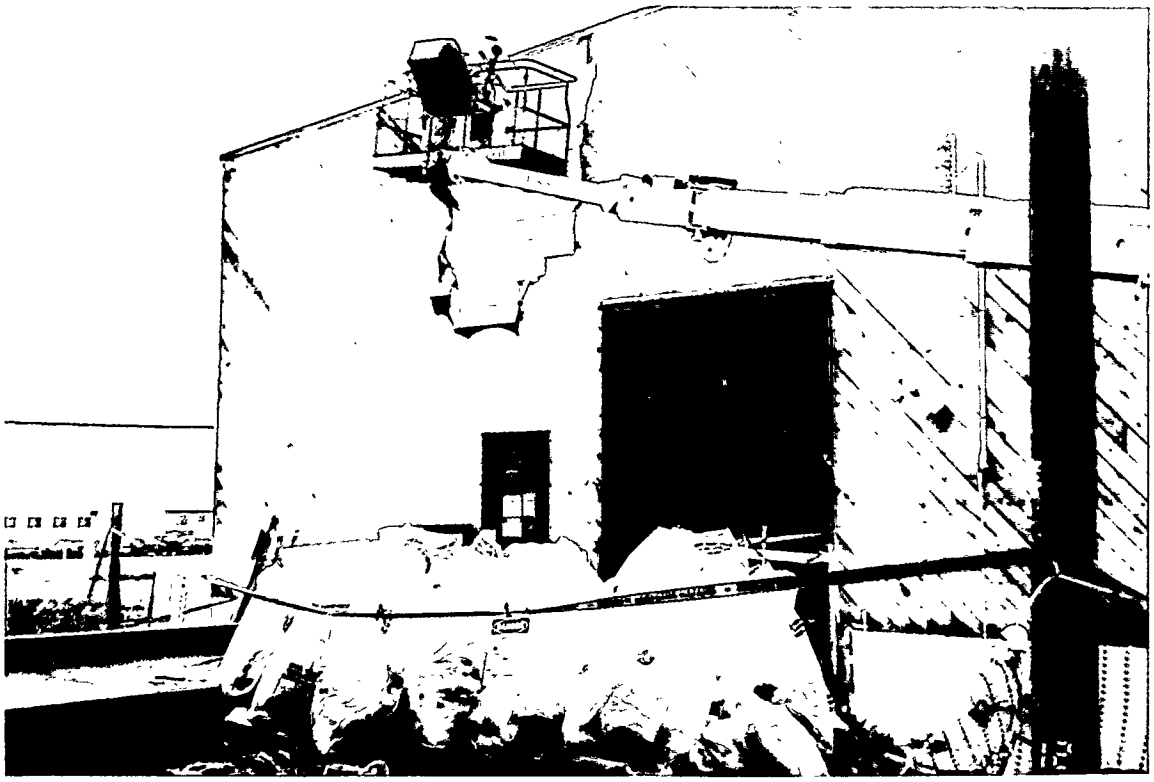

Demolition of the 1252 Building - Asbestos Siding Removal

Landlord Program
7.5.1

7.0 COST BASELINE SUMMARY

($ in Millions)

MYPP Cost of Scope Summary (Expense/Capital)
Environmental Restoration & Waste Management Programs
FY96 BCWS vs FY96 Guidance (Target)

	FY96 BCWS	FY96 Guidance Target	
SUMMARY BY PROGRAM			
1.1 Tank Waste Remediation System	$494.0	$504.5	The BCWS doesn't include legal funding commitments (primarily W-058 Cross Site Transfer System Line Item)
1.2.1 Solid Waste Program	85.3	79.0	The BCWS includes $6.33M FY95 expense workscope carryover
1.2.2 Liquid Waste Program	39.2	39.2	
1.3.1 Transition Projects	35.1	35.1	
1.4.1 Spent Nuclear Fuel	136.0	136.0	
1.5.1 Analytical Services	50.0	50.0	
1.5.2 Environmental Support	6.4	6.4	
1.5.3 RCRA & Operational Monitoring	18.8	18.0	BCWS includes $.8M FY 95 expense funding carryover (C.R. R4-E95-020;)
1.5.6 Waste Minimization	0.6	0.6	
1.7.2. Science & Technical Research Supt	41.1	35.3	BCWS includes $.6 Line Item, $2.8M FY95 reprogramming into FY 1996 plus redistribution of fund types for B-Cell cleanup acceleration per pending change request (PWM95-037/PWM96-003) including an additional $2.4M Productivity Commitment.
1.8.1 RL Directed Activities	30.3	30.3	
1.8.2 Planning Integration	12.0	12.0	
SUBT WASTE MGMT EM-30	948.7	946.4	
7.1 Transition Projects*	146.8	148.2 **	Funding guidance includes $1.4M management reserve not reflected in BCWS
7.3 Advanced Reactor	52.6	59.5	BCWS of $52.6 doesn't include FY97 legal commitments of $3.1M. The legal funding required is $55.7M. This includes $8.5M expense carryover (legal commitments) from FY95 and an additional commitment for $3.1M for FY 97.
7.5.1 Landlord Programs	27.9	28.8	BCWS doesn't inc $1.8M for Project L-116, but does include $.9M FY95 expense carryover
7.4.9 Conversion Projects	2.0	2.0	
7.4.10 RL Directed Activities	68.3	68.3	
TOTAL FAC TRANS EM-60	297.6	306.8	
2.0 Environmental Restoration	168.9	168.9	
2.0 ER Directed Activities	4.6	4.6	
TOTAL EM 40	173.5	173.5	
8.1/8.3 Transportation	4.1	6.2 ***	$4.1M BCWS reflects $3.1 Transportation and $1M Defense Program, but does not include the EM 50 Special Initiatives funded Transportation, or the Analytical Services for the National Program.
8.2 HAMMER*	24.3	22.5	BCWS includes $2.8M FY 95 expense carryover for the RL funded grants (Xavier & Tulane) and excludes $1.08M Line Item funding legal commitments (Hammer Project 95L-EWT-100) for a net $1.8M.
TOTAL EM-20	28.4	28.7	
GRAND TOTAL	$1448.3	$1455.4	

*Administrative updates in process re: BCWS in Cost Baseline Summary
**Includes Defense Program funding of $20.7M
***Includes Defense Program funding of $1M

2/1/96; FY96BCWD.XLS

MYPP Cost of Scope Summary (Expense/Capital)

	FY 1996 BCWS	FY 1997 BCWS	FY 1998 BCWS	FY 1999 BCWS	FY 2000 BCWS	FY 2001 BCWS
1.1 Tank Waste Remediation System						
Expense	441.1	437.9	437.5	402.2	235.0	219.1
CENRTC	26.9	22.2	19.2	8.9	12.9	3.3
GPP	21.7	50.9	37.0	92.7	156.3	187.9
Line Items	4.3	2.0	2.0	2.0	2.0	1.5
Total	**494.0**	**512.9**	**495.7**	**505.7**	**406.2**	**411.8**
1.2.1 Solid Waste Program (1)						
Expense	74.4	51.8	47.2	47.8	49.9	55.5
CENRTC	0.9	2.3	1.2	1.2	1.0	0.8
GPP	1.3	0.4	0.2	0.3	0.3	0.2
Line Items	8.7	4.0	2.7	1.9	0.0	0.0
Total	**85.3**	**58.5**	**51.2**	**51.2**	**51.2**	**56.5**
1.2.2 Liquid Waste Program						
Expense	36.5	27.0	27.9	27.9	27.9	27.9
CENRTC	0.2	0.1	0.1	0.1	0.1	0.1
GPP	2.5	0.0	0.0	0.0	0.0	0.0
Line Items	0.0	0.0	0.0	0.0	0.0	0.0
Total	**39.2**	**27.1**	**28.0**	**28.0**	**28.0**	**28.0**
1.3.1 Transition Projects						
Expense	34.8	36.6	37.5	31.3	13.7	13.3
CENRTC	0.3	0.3	0.5	0.5	0.0	0.0
GPP	0.0	0.0	0.0	0.0	0.0	0.0
Line Items	0.0	1.5	2.0	0.0	0.0	0.0
Total	**35.1**	**38.4**	**40.0**	**31.8**	**13.7**	**13.3**
1.4.1 Spent Nuclear Fuel						
Expense	88.3	96.0	109.0	103.8	82.1	15.8
CENRTC	5.9	13.2	1.3	0.0	0.0	0.0
GPP	0.0	0.0	0.0	0.0	0.0	0.0
Line Items	41.8	65.8	12.7	0.0	0.0	0.0
Total	**136.0**	**175.0**	**123.0**	**103.8**	**82.1**	**15.8**
1.5.1 Analytical Services						
Expense	41.8	35.5	33.7	33.7	33.7	33.7
CENRTC	1.7	2.0	2.0	2.0	2.0	2.0
GPP	0.5	0.0	0.0	0.0	0.0	0.0
Line Items	6.0	0.0	0.0	0.0	0.0	0.0
Total	**50.0**	**37.5**	**35.7**	**35.7**	**35.7**	**35.7**

MYPP Cost of Scope Summary (Expense/Capital)

	FY 1996 BCWS	FY 1997 BCWS	FY 1998 BCWS	FY 1999 BCWS	FY 2000 BCWS	FY 2001 BCWS
1.5.2 Environmental Support						
Expense	6.4	5.3	4.6	4.6	4.6	4.6
CENRTC	0.0	0.0	0.0	0.0	0.0	0.0
GPP	0.0	0.0	0.0	0.0	0.0	0.0
Line Items	0.0	0.0	0.0	0.0	0.0	0.0
Total	6.4	5.3	4.6	4.6	4.6	4.6
1.5.3 RCRA & Operational Monitoring (1)						
Expense	18.8	13.5	12.8	12.8	12.8	12.8
CENRTC	0.0	0.0	0.0	0.0	0.0	0.0
GPP	0.0	0.0	0.0	0.0	0.0	0.0
Line Items	0.0	0.0	0.0	0.0	0.0	0.0
Total	18.8	13.5	12.8	12.8	12.8	12.8
1.5.6 Waste Minimization						
Expense	0.6	1.2	1.0	1.0	1.0	1.0
CENRTC	0.0	0.0	0.0	0.0	0.0	0.0
GPP	0.0	0.0	0.0	0.0	0.0	0.0
Line Items	0.0	0.0	0.0	0.0	0.0	0.0
Total	0.6	1.2	1.0	1.0	1.0	1.0
1.7.2. Science & Technical Research Supt (2)						
Expense	39.1	26.3	23.0	25.4	25.4	25.4
CENRTC	1.3	3.1	2.4	0.0	0.0	0.0
GPP	0.0	0.0	0.0	0.0	0.0	0.0
Line Items	0.7	0.0	0.0	0.0	0.0	0.0
Total	41.1	29.4	25.4	25.4	25.4	25.4
1.8.2 Planning Integration						
Expense	12.0	11.2	9.2	9.2	9.2	9.2
CENRTC	0.0	0.0	0.0	0.0	0.0	0.0
GPP	0.0	0.0	0.0	0.0	0.0	0.0
Line Items	0.0	0.0	0.0	0.0	0.0	0.0
Total	12.0	11.2	9.2	9.2	9.2	9.2
1.8.1 RL Directed Activities (3)						
Expense	30.3	25.1	29.8	31.0	32.2	33.5
CENRTC	0.0	0.0	0.0	0.0	0.0	0.0
GPP	0.0	0.0	0.0	0.0	0.0	0.0
Line Items	0.0	0.0	0.0	0.0	0.0	0.0
Total	30.3	25.1	29.8	31.0	32.2	33.5
Subtotal EM-30						
Expense	824.0	767.5	773.2	730.6	527.5	451.7
CENRTC	37.2	43.2	26.6	12.7	16.0	6.2
GPP	26.0	51.2	37.2	93.0	156.6	188.1
Line Items	61.5	73.3	19.4	3.9	2.0	1.5
Total	948.7	935.2	856.4	840.2	702.2	647.6

MYPP Cost of Scope Summary (Expense/Capital)

	FY 1996 BCWS	FY 1997 BCWS	FY 1998 BCWS	FY 1999 BCWS	FY 2000 BCWS	FY 2001 BCWS
7.1 Transition Projects (4)						
Expense	141.5	128.2	100.7	95.8	98.2	143.6
CENRTC	2.3	1.6	1.4	1.4	1.4	1.4
GPP	2.0	3.3	0.0	2.5	2.5	2.5
Line Items	1.0	4.5	12.8	0.9	0.8	0.3
Total	146.8	137.6	114.9	100.6	102.9	147.8
7.3 Advanced Reactor						
Expense	52.4	50.6	46.4	41.8	32.4	15.9
CENRTC	0.2	0.2	0.2	0.2	0.1	0.1
GPP	0.0	0.0	0.0	0.0	0.0	0.0
Line Items	0.0	0.0	0.0	0.0	0.0	0.0
Total	52.6	50.8	46.6	42.1	32.5	16.0
7.5.1 Landlord Programs (1) (5)						
Expense	13.9	9.2	7.3	7.6	7.2	7.3
CENRTC	5.5	5.7	2.9	2.6	2.7	2.6
GPP	4.0	3.0	3.0	2.5	2.5	2.5
Line Items	4.5	0.8	0.0	0.0	0.0	0.0
Total	27.9	18.7	13.1	12.7	12.4	12.4
7.4.9 Conversion Projects						
Expense	2.0	2.1	2.1	0.0	0.0	0.0
CENRTC	0.0	0.0	0.0	0.0	0.0	0.0
GPP	0.0	0.0	0.0	0.0	0.0	0.0
Line Items	0.0	0.0	0.0	0.0	0.0	0.0
Total	2.0	2.1	2.1	0.0	0.0	0.0
7.4.10 RL Directed Activities (3)						
Expense	68.3	56.9	62.0	65.8	67.5	69.4
CENRTC	0.0	0.0	0.0	0.0	0.0	0.0
GPP	0.0	0.0	0.0	0.0	0.0	0.0
Line Items	0.0	0.0	0.0	0.0	0.0	0.0
Total	68.3	56.9	62.0	65.8	67.5	69.4
Subtotal EM-60						
Expense	278.1	246.9	218.5	211.1	205.3	236.2
CENRTC	8.0	7.5	4.4	4.2	4.2	4.0
GPP	6.0	6.3	3.0	5.0	5.0	5.0
Line Items	5.5	5.3	12.8	0.9	0.8	0.3
Total	297.6	266.0	238.7	221.1	215.2	245.5

MYPP Cost of Scope Summary (Expense/Capital)

	FY 1996 BCWS	FY 1997 BCWS	FY 1998 BCWS	FY 1999 BCWS	FY 2000 BCWS	FY 2001 BCWS
2.0 Environmental Restoration						
Expense	168.9	142.6	94.6	94.6	94.6	94.6
CENRTC	0.0	0.0	0.0	0.0	0.0	0.0
GPP	0.0	0.0	0.0	0.0	0.0	0.0
Line Items	0.0	0.0	0.0	0.0	0.0	0.0
Total	168.9	142.6	94.6	94.6	94.6	94.6
2.0 RL Directed Activities (3)						
Expense	4.6	4.6	4.6	4.6	4.6	4.6
CENRTC	0.0	0.0	0.0	0.0	0.0	0.0
GPP	0.0	0.0	0.0	0.0	0.0	0.0
Line Items	0.0	0.0	0.0	0.0	0.0	0.0
Total	4.6	4.6	4.6	4.6	4.6	4.6
TOTAL EM-40						
Expense	173.5	147.2	99.2	99.2	99.2	99.2
CENRTC	0.0	0.0	0.0	0.0	0.0	0.0
GPP	0.0	0.0	0.0	0.0	0.0	0.0
Line Items	0.0	0.0	0.0	0.0	0.0	0.0
Total	173.5	147.2	99.2	99.2	99.2	99.2
8.2 HAMMER (1)						
Expense	10.3	5.6	4.9	4.5	4.9	4.9
CENRTC	0.0	0.0	0.1	0.1	0.1	0.1
GPP	0.0	0.0	0.0	0.0	0.0	0.0
Line Items	13.9	10.6	0.0	0.0	0.0	0.0
Total	24.3	16.2	4.9	4.6	5.0	5.0
8.1/8.3 Transportation (6)						
Expense	4.1	4.5	4.9	5.3	5.7	6.1
CENRTC	0.0	0.0	0.0	0.0	0.0	0.0
GPP	0.0	0.0	0.0	0.0	0.0	0.0
Line Items	0.0	0.0	0.0	0.0	0.0	0.0
Total	4.1	4.5	4.9	5.3	5.7	6.1
TOTAL EM-20						
Expense	14.4	10.1	9.8	9.8	10.6	11.0
CENRTC	0.0	0.0	0.1	0.1	0.1	0.1
GPP	0.0	0.0	0.0	0.0	0.0	0.0
Line Items	13.9	10.6	0.0	0.0	0.0	0.0
Total	28.4	20.7	9.8	9.9	10.7	11.1
TOTAL BCWS						
Expense	1290.1	1171.7	1100.7	1050.7	842.6	798.1
CENRTC	45.2	50.7	31.1	17.0	20.3	10.3
GPP	32.1	57.5	40.2	98.0	161.6	193.1
Line Items	80.9	89.2	32.2	4.7	2.8	1.8
Total	1448.2	1369.2	1204.2	1170.4	1027.3	1003.4
FUNDING GUIDANCE	1434.7	1324.6	1203.7	1208.7	1053.8	1033.8

MYPP Cost of Scope Summary (Expense/Capital)

SUMMARY BY PROGRAM	FY 1996 BCWS	FY 1997 BCWS	FY 1998 BCWS	FY 1999 BCWS	FY 2000 BCWS	FY 2001 BCWS
1.1 Tank Waste Remediation System	494.0	512.9	495.7	505.7	406.2	411.8
1.2.1 Solid Waste Program (1)	85.3	58.5	51.2	51.2	51.2	56.5
1.2.2 Liquid Waste Program	39.2	27.1	28.0	28.0	28.0	28.0
1.3.1 Transition Projects	35.1	38.4	40.0	31.8	13.7	13.3
1.4.1 Spent Nuclear Fuel	136.0	175.0	123.0	103.8	82.1	15.8
1.5.1 Analytical Services	50.0	37.5	35.7	35.7	35.7	35.7
1.5.2 Environmental Support	6.4	5.3	4.6	4.6	4.6	4.6
1.5.3 RCRA & Operational Monitoring (1)	18.8	13.5	12.8	12.8	12.8	12.8
1.5.6 Waste Minimization	0.6	1.2	1.0	1.0	1.0	1.0
1.7.2. Science & Technical Research Supt (2)	41.1	29.4	25.4	25.4	25.4	25.4
1.8.1 RL Directed Activities (3)	30.3	25.1	29.8	31.0	32.2	33.5
1.8.2 Planning Integration	12.0	11.2	9.2	9.2	9.2	9.2
Subt Waste Mgmt EM-30	948.7	935.2	856.4	840.2	702.2	647.6
7.1 Transition Projects (4)	146.8	137.6	114.9	100.6	102.9	147.8
7.3 Advanced Reactor	52.6	50.8	46.6	42.1	32.5	16.0
7.5.1 Landlord Programs (1) (5)	27.9	18.7	13.1	12.7	12.4	12.4
7.4.9 Conversion Projects	2.0	2.1	2.1	0.0	0.0	0.0
7.4.10 RL Directed Activities (3)	68.3	56.9	62.0	65.8	67.5	69.4
Subt Fac Trans EM-60	297.6	266.0	238.7	221.1	215.2	245.5
2.0 Environmental Restoration	168.9	142.6	94.6	94.6	94.6	94.6
2.0 RL Directed Activities (3)	4.6	4.6	4.6	4.6	4.6	4.6
Subt ER EM-40	173.5	147.2	99.2	99.2	99.2	99.2
8.2 HAMMER (1)	24.3	16.2	4.9	4.6	5.0	5.0
8.1/8.3 Transportation (6)	4.1	4.5	4.9	5.3	5.7	6.1
Subt EM-20	28.4	20.7	9.8	9.9	10.7	11.1
TOTAL BCWS	1448.2	1369.2	1204.2	1170.4	1027.3	1003.4
TWRS Unfunded HLW/LLW (7)		200.0	394.0	394.0	460.0	460.0
FUNDING GUIDANCE	1434.7	1324.6	1203.7	1208.7	1053.8	1033.8

(1) Includes carryover
(2) Baseline assumes Non-Defense Reprogramming
(3) RI Directed Activities are as of guidance, no MYPP available
(4) Contains DP
(5) Landlord doesn't reflect $91.4M Prior Year Capital identified in MYPP
(6) Transportation includes DP Program and DOE-HQ ADS $
(7) BCWS required to support HSIS for TWRS

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FY 1996 SITE SUPPORT PROGRAM PLANS
(October 1995)
Dollars in Millions

		Current SSPP
1.2.1	Solid Waste Program	8.4
1.4.1	Spent Nuclear Fuel	0.5
1.5.1	Analytical Services	22.5
1.8.2	Planning Integration	1.2
6.3	Engrg Analy & Technology	5.7
6.4	Information Management	64.3
6.5	ICF KH Administration/Mgmt	23.1
6.6	Safeguards & Security	13.0
6.7	Safety & Health	40.2
6.8	ICF KH Infrastructure	69.7
6.9	Environmental Services	1.4
6.10	Finance/Administration	61.7
6.12	Department Overhead	9.0
6.13	Site Training	10.2
6.14	Fish Rearing	0.2
8.2	HAMMER	0.5
		331.5

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8.0 PRIORITY LIST

This section contains the following priority lists:

- Section 8.1 - Waste Management - Integrated
- Section 8.2 - Waste Management - Programmatic
- Section 8.3 - Bechtel Hanford, Incorporated.

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Hanford Amplified Priority List

Waste Management – Integrated

EM–30

ADS Number	Program Name	Carryover (1)	Hanford Amp. Priority	Workscope Title	FY 1996	Cum. FY 1996	Projected YE Commit.	Total With YE Commit
7330	HEMP		1	Sitewide Env. Reports Required by Regs.	1.39	1.39		1.39
7330	HEMP		1	Comply w/ Sitewide Cond. of RCRA Permit	1.78	3.16		3.16
7330	HEMP		1	Comply w/ Air Operating Permit	0.66	3.82		3.82
7330	HEMP		1	Program Management	0.29	4.12		4.12
4110	SNF		1	K BASINS OPERATIONS	15.00	19.12		19.12
8410	PNL 8410		1	324 Bldg Hot Cell Facility Surveillance & Maintenance	1.62	20.73		20.73
8410	PNL 8410		1	327 Bldg Surv & Mtn	1.41	22.14		22.14
8410	PNL 8410	1	1	327 Bldg Surv & Mtn	0.18	22.32		22.32
8410	PNL 8410		1	CsCl Legacy Safety Program (S&M only)	0.00	22.32		22.32
8410	PNL 8410	1	1	300 Area Compliance / HLV Tank Stabilization	0.10	22.42		22.42
8410	PNL 8410	1	1	300 Area Compliance / HLV Tank Stabilization	3.75	26.17		26.17
8400	PNL8400		1	324 Bldg Hot Cell Facility Surveillance & Maintenance	1.35	27.52		27.52
8400	PNL8400	1	1	324 Bldg Hot Cell Facility Surveillance & Maintenance	0.21	27.73		27.73
8400	PNL8400		1	325 Bldg Surveillance & Maintenance	3.16	30.89		30.89
8400	PNL8400		1	325 Building Essential ES&H Drawings	0.41	31.30		31.30
8400	PNL8400	1	1	325 Building Essential ES&H Drawings	0.00	31.30		31.30
8400	PNL8400		1	Misc 300 Area PNL Lab Surveillance & Maintenance	0.03	31.32		31.32
8400	PNL8400	1	1	Misc 300 Area PNL Lab Surveillance & Maintenance	0.03	31.35		31.35
8400	PNL8400	1	1	Eyewash/Safety Shower Upgrade (approved CR)	0.22	31.57		31.57
8400	PNL8400		1	CsCl Legacy Safety Program (S&M only)	0.00	31.57		31.57
8400	PNL8400	1	1	CsCl Legacy Safety Program (S&M only)	0.30	31.88		31.88
8400	PNL8400	1	1	CsCl Legacy Safety Program (Cpt Eqt)	0.00	31.88		31.88
8400	PNL8400		1	Waste Management Operations	3.06	34.94		34.94
8400	PNL8400	1	1	Waste Management Operations	0.21	35.15		35.15
8400	PNL8400	1	1	Waste Management Operations (Cpt Eqt)	0.01	35.16		35.16
8400	PNL8400		1	Program Management	0.72	35.88		35.88
8400	PNL8400	1	1	Program Management	0.08	35.96		35.96
8400	PNL8400	1	1	PARS Database File Server (Cpt Eqt)	0.01	35.97		35.97
8400	PNL8400		1	Effluent Monitoring	0.66	36.63		36.63
8400	PNL8400	1	1	Effluent Monitoring	0.31	37.14		37.14
8400	PNL8400		1	NEPA Compliance Program	0.30	37.45		37.45
8400	PNL8400	1	1	NEPA Compliance Program	0.00	37.45		37.45
8400	PNL8400		1	Pollution Prevention Program	0.21	37.66		37.66
8400	PNL8400	1	1	Pollution Prevention Program	0.00	37.66		37.66
8400	PNL8400		1	RMW Storage Tank Inspection (PNL)	1.27	38.93		38.93
8400	PNL8400	1	1	RMW Storage Tank Inspection (PNL)	0.18	39.10		39.10
8500	PNL8500		1	Farfield Environmental Surveillance	2.20	41.30		41.30
8500	PNL8500	1	1	Characterize chromium discharge to river	0.01	41.31		41.31
8500	PNL8500		1	Groundwater Surveillance – Min. Safe	2.20	43.51		43.51
8500	PNL8500	1	1	Complete 3D contaminant transport model	0.08	43.59		43.59
8500	PNL8500		1	Meteorological and Climatological – Weekdays	1.20	44.79		44.79
8500	PNL8500		1	Ecosystem Management	0.27	45.06		45.06
8500	PNL8500		1	Environmental Oversight	0.24	45.30		45.30
8500	PNL8500		1	Dose Coordination	0.03	45.33		45.33
8500	PNL8500		1	Program Management–Min Safe portion	0.98	46.31		46.31
8500	PNL8500		1	Cultural Resources Regulatory Compliance	0.49	46.80		46.80
1100	TWRS	1	1	Port exh & duct wk disp – FY95 C/O	0.24	47.04		47.04
1100	TWRS	1	1	Age'g waste fm/DST SAR chpt – FY95 C/O	0.63	47.67		47.67
1100	TWRS	1	1	Cond'l OPS/DNFSB tech – FY95 C/O	0.59	48.25		48.25
1100	TWRS	1	1	Safety assesm't leg comt – FY95 C/O	0.15	48.40		48.40
1100	TWRS	1	1	DOE–RL 4K/LANL 1K – FY95 C/O	0.01	48.41		48.41
1100	TWRS	1	1	Capt'l equip aprv'd W/S C/O – FY95 C/O	1.05	49.46		49.46
1100	TWRS	1	1	Operations Safety – FY95 C/O	0.53	49.98		49.98
1200	TWRS	1	1	Emerg reqrmt for RAD Con audit – FY95 C/O	0.30	50.28		50.28
1130	TWRS	1	1	Legal Comtmt mat'l – FY95 C/O	0.20	50.48		50.48
1130	TWRS	1	1	Nat'l lab legal & closeout – FY95 C/O (PNL 99K/LANL	0.13	50.61		50.61
1130	TWRS	1	1	Capt'l equip aprv'd W/S C/O – FY95 C/O	3.61	54.22		54.22
1200–0	TWRS		1	TWRS Program Management	11.40	65.62		65.62
1100	TWRS		1	200 EAST Routine surveillance	6.12	71.74		71.74
1100	TWRS		1	200 EAST Utilities and Services	2.11	73.85		73.85
1100	TWRS		1	200 EASTPreventive Maintenance	1.62	75.46		75.46
1100	TWRS		1	200 EAST Corrective Maintenance	8.00	83.47		83.47
1100	TWRS		1	200 EAST Facility Operations	8.10	91.57		91.57
1100	TWRS		1	200 EAST CASS/TMACS/SACS Maintenance	0.43	92.00		92.00
1100	TWRS		1	200 EAST QA/QC Support	0.70	92.70		92.70
1100	TWRS		1	200 EAST Industrial Health and Safety & ALARA	0.54	93.24		93.24
1100	TWRS		1	200 EAST Engineering	2.27	95.51		95.51
1100	TWRS		1	200 EAST OSR Implementation	0.65	96.16		96.16
1100	TWRS		1	200 EAST Radiological Protection Support & ALARA	0.75	96.91		96.91
1100	TWRS		1	200 EAST Configuration Management	0.81	97.72		97.72
1100	TWRS		1	200 EAST Nuclear Safety Oversite'	0.43	98.15		98.15
1100	TWRS		1	200 WEST Routine surveillance	4.70	102.85		102.85
1100	TWRS		1	200 WEST Utilities and Services	1.58	104.43		104.43
1100	TWRS		1	200 WEST Preventive Maintenance	1.24	105.67		105.67

09–Nov–95

Hanford Amplified Priority List

Waste Management – Integrated

EM–30

ADS Number	Program Name	Carryover (1)	Hanford Amp. Priority	Workscope Title	FY 1996	Cum. FY 1996	Projected YE Commit.	Total With YE Comm
1100	TWRS		1	200 WEST Corrective Maintenance	5.47	111.14		111.14
1100	TWRS		1	200 WEST Facility Operations	6.70	117.84		117.84
1100	TWRS		1	200 WEST CASS/TMACS/SACS Maintenance	0.65	118.49		118.49
1100	TWRS		1	200 WEST QA/QC Support	0.47	118.96		118.96
1100	TWRS		1	200 WEST Industrial Health and Safety & ALARA	0.36	119.32		119.32
1100	TWRS		1	200 WEST Engineering	1.86	121.18		121.18
1100	TWRS		1	200 WEST OSR Implementation	0.43	121.61		121.61
1100	TWRS		1	200 WEST Radiological Protection Support & ALARA	0.50	122.11		122.11
1100	TWRS		1	200 WEST Configuration Management	0.54	122.65		122.65
1100	TWRS		1	200 WEST Nuclear Safety Oversite	0.29	122.94		122.94
1100	TWRS		1	Tank Farm Training	4.05	126.99		126.99
1100	TWRS		1	Tank Farm Operations & Procedures	1.08	128.07		128.07
1100	TWRS		1	Compliance Management	1.70	129.77		129.77
1100	TWRS		1	Program Element & Baseline Management	2.59	132.36		132.36
1100	TWRS		1	Planning and Administration	1.38	133.74		133.74
1100	TWRS		1	Tank Farm Security	0.16	133.90		133.90
1100	TWRS		1	Permitting and Regulatory Compliance	1.35	135.25		135.25
1100	TWRS		1	Solid Waste Shipping Support	6.50	141.75		141.75
1100	TWRS		1	DST Integrity Assessment	1.46	143.21		143.21
1100	TWRS		1	SST Emergency Pumping Preparation	1.98	145.19		145.19
1100	TWRS		1	DST Emergency Pumping Preparation	0.63	145.82		145.82
1100	TWRS		1	Criticality Engineering	0.32	146.13		146.13
1100	TWRS		1	Rad/Haz Solid Waste Characterization	2.03	148.16		148.16
1100	TWRS		1	Safety Documentation Upgrades	1.80	149.96		149.96
1130	TWRS		1	Core Sampling	17.37	167.33		167.33
1130	TWRS		1	Safety Resolution DQO Analysis	11.96	179.29		179.29
1130	TWRS		1	Safety Screen DQO Analysis	6.67	186.15		186.15
1130	TWRS		1	Vapor Sampling	4.54	190.69		190.69
1130	TWRS		1	TWRS Characterization Planning	3.73	194.43		194.43
1130	TWRS		1	Supernate Sampling	1.47	195.90		195.90
1130	TWRS		1	Compatibility DQO Analysis	0.71	196.60		196.60
1130	TWRS		1	Operations DQO Analysis	1.15	197.76		197.76
1130	TWRS		1	Historical DQO Analysis	1.82	199.57		199.57
1130	TWRS		1	Data Dissemination	0.53	200.10		200.10
1130	TWRS		1	Equipment Replacement	0.35	200.46		200.46
1130	TWRS		1	Auger Sampling	1.74	202.19		202.19
1130	TWRS		1	Riser Preparation	0.44	202.64		202.64
1130	TWRS		1	Field Sampling Readiness	0.09	202.73		202.73
1130	TWRS		1	Moisture Monitor. for Ferrocyanide Tanks	1.20	203.92		203.92
1130	TWRS		1	Moisture Monitor Engrg for Organics	0.75	204.67		204.67
1130	TWRS		1	Program Technical Integration	3.19	207.86		207.86
1130	TWRS		1	Data Definition Support	0.71	208.57		208.57
1130	TWRS		1	Historical Data Development – LANL	1.68	210.25		210.25
1130	TWRS		1	Historical Data Development – ICH KH	1.60	211.85		211.85
1130	TWRS		1	Data Access Improvements	0.71	212.56		212.56
1130	TWRS		1	Data Evaluation and Report Activity Program Managem	0.09	212.65		212.65
1130	TWRS		1	222–S Lab Upgrades/LIMS	2.66	215.31		215.31
1130	TWRS		1	Analytical Procedures Develop – WHC	0.44	215.75		215.75
1130	TWRS		1	Tank Characterization Reports (TCRs)	2.57	218.32		218.32
1130	TWRS		1	Data Definition and Planning	0.27	218.58		218.58
1130	TWRS		1	Field Sampling and Measure Activity Prog Mgmt	1.60	220.18		220.18
1130	TWRS		1	Program Oversight	1.21	221.39		221.39
7100–0	AN. SERV.		1	Analytical Services Minimum Safe	23.50	244.89		244.89
2200–0	SOLID WST.		1	Solid Waste Minimum Safe	47.50	292.39		292.39
2300–0	LIQ. EFF.		1	Liquid Effluents Minimum Safe	24.10	316.49		316.49
7340–0	ROM		1	RCRA & Operational Monitoring Min. Safe	15.00	331.49		331.49
7340–0	ROM		1	ROM IRB Mark Reduction	0.00	331.49		331.49
7332–0	W. MIN.		1	Waste Minimization Min. Safe	0.30	331.79		331.79
2200–0	SOLID WST.	1	1	Sanitary Water/516 Backflow Prevention/Security Upg.	0.10	331.89		331.89
2200–0	SOLID WST.	1	1	Debris Macroencapsulation	1.30	333.19		333.19
2200–0	SOLID WST.	1	1	Thermal Treatment Contract	0.40	333.59	1.20	334.79
4190–0	TrP EM–30		1	PROGRAM MANAGEMENT AND ADMINISTRATION	2.34	335.92		337.12
4190–0	TrP EM–30		1	ASSESSMENTS	5.60	341.52		342.72
4190–0	TrP EM–30		1	B PLANT/WESF TRAINING ADMINISTRATION	0.65	342.17		343.37
4190–0	TrP EM–30		1	B PLANT SAFE & COMPLIANT OPERATIONS	4.90	347.07		348.27
4190–0	TrP EM–30		1	B PLANT MAINTENANCE OF EQUIPMENT, SYSTEMS,	4.57	351.64		352.84
4190–0	TrP EM–30		1	B PLANT MAINTAIN OPERATIONS & SAFETY DOCUMI	1.30	352.94		354.14
4190–1	TrP EM–30		1	SAFETY CLASS VENT UPGRADE (W–059)	0.00	352.94		354.14
4190–1	TrP EM–30		1	SAFETY CLASS VENT UPGRADE (W–059) (LINE ITEM	0.00	352.94		354.14
4190–0	TrP EM–30		1	WESF SAFE & COMPLIANT OPERATIONS	1.68	354.62		355.82
4190–0	TrP EM–30		1	WESF MAINTENANCE OF EQUIPMENT AND STRUCTI	2.82	357.44		358.64
4190–0	TrP EM–30		1	WESF MAINTAIN OPERATIONS & SAFETY DOCUMEN	1.69	359.13		360.33
4190–0	TrP EM–30		1	WESF UPGRADES	0.75	359.87		361.07
4190–0	TrP EM–30		1	ENVIRONMENTAL COMPLIANCE	0.76	360.63		361.83

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ADS Number	Program Name	Carryover (1)	Hanford Amp. Priority	Workscope Title	FY 1996	Cum. FY 1996	Projected YE Commit.	Total With YE Commit
4190–0	TrP EM–30		1	COMPLIANCE	1.54	362.17		363.37
4190–0	TrP EM–30	1	1	ELEC PMs; D–3 DUCTWORK; B, C, D FILTERS; WESF	0.56	362.72		363.92
4190–0	TrP EM–30		1	CENRTC	0.15	362.87		364.07
4190–0	TrP EM–30	1	1	CENRTC (CARRYOVER)	0.53	363.40		364.60
				MIMIMUM BASE SAFE OPERATIONS		363.40		364.60
1110	TWRS	1	2A	Nat'l Lab cost out costs – FY95 C/O (PNL 82K/LANL18	0.19	363.59		364.79
1110	TWRS	1	2A	LDUA Testing – FY95 C/O	0.40	363.99		365.19
1110	TWRS	1	2A	Flambl Gas USQ, Montr'g & Evalt'n–FY95 C/O	0.56	364.55		365.75
1110	TWRS	1	2A	FeCN Safety resolution – FY95 C/O	0.10	364.66		365.86
1110	TWRS	1	2A	101–SY/AW MITG'N –FY95 C/O	0.61	365.26		366.46
1110	TWRS	1	2A	ARES–Safety anly's legal comt't – FY95 C/O	0.26	365.52		366.72
1110	TWRS	1	2A	Capt'l equip aprv'd W/S C/O – FY95 C/O	0.94	366.46		367.66
1210–4	TWRS	1	2A	W–320 106–C Sig leg comt W/S C/O–FY95 C/O	5.59	372.05		373.25
1110	TWRS		2A	Ammonia Upgrades for Safety Basis	0.58	372.62		373.82
1110	TWRS		2A	Organic Studies (PNL)	2.23	374.85		376.05
1110	TWRS		2A	Install Temperature Upgrades in Flammable Gas Tanks	0.97	375.82		377.02
1110	TWRS		2A	Install Video System Upgrades in Flammable Gas Tank	0.63	376.46		377.66
1110	TWRS		2A	Evaluate Waste Behavior of Flammable Gas Tanks	1.12	377.57		378.77
1110	TWRS		2A	Study Gas Retention Mechanisms for Flammable Gas (	0.58	378.15		379.35
1110	TWRS		2A	Monitor Flammable Gas In SY 101/SY–103/AW–101	1.00	379.15		380.35
1110	TWRS		2A	Measure Gas Void/Viscosity/GCS @ AW–101, SY–101	1.87	381.02		382.22
1110	TWRS		2A	Fabricate a Mitigation / Retrieval Pump for SY–101 (Se	2.00	383.02		384.22
1110	TWRS		2A	Resolve Organic SI/USQ	0.65	383.67		384.87
1110	TWRS		2A	Provide Moisture Monitoring for Organic Tanks	7.08	390.75		391.95
1110	TWRS		2A	Vapor Space Monitoring for Flammable Gas (M–40–0/	0.86	391.61		392.81
1110	TWRS		2A	Organic Technology Studies	1.64	393.25		394.45
1110	TWRS		2A	Characterize Organic in Flammable Gas	0.21	393.46		394.66
1110	TWRS		2A	PNL Engineering Services for Mitigation	1.75	395.21		396.41
1110	TWRS		2A	Resolve Safety Issues for Ferrocyanide Tanks	1.84	397.05		398.25
1110	TWRS		2A	Program Management	4.45	401.49		402.69
1110	TWRS		2A	Safety Issue Resolution Support	1.27	402.77		403.97
1110	TWRS		2A	Develop Retained Gas Sampler for Flammable Gas	0.24	403.00		404.20
1110	TWRS		2A	Resolution of High Heat Tank C–106 SI (M–40–05 / S	0.40	403.40		404.60
1110	TWRS		2A	Provide Field Support for Flammable Gas Tanks	1.87	405.27		406.47
1110	TWRS		2A	ABU Turnover of Flammable Gas Equipment	0.45	405.72		406.92
1110	TWRS		2A	Study Gas Reaction for Flammable Gas (LANL)	0.39	406.11		407.31
1110	TWRS		2A	LANL Engineering Services of Mitigation	0.28	406.39		407.59
1110	TWRS		2A	Install Gas Monitors & SHMS's in Flammable Gas Tank	4.01	410.40		411.60
1110	TWRS		2A	Close USQs for Flammable Gas Tanks (SI–2l / M–40–	1.44	411.84		413.04
1110	TWRS		2A	Portable Exhauster for Flammable Gas Tanks SSTs	0.40	412.24		413.44
1110	TWRS		2A	Install AW Farm Ventilation Upgrades (SI–2f / SI–2k)	0.93	413.16		414.36
1110	TWRS		2A	Perform Waste Behavior Modeling for Flammable Gas	1.47	414.63		415.83
1110	TWRS		2A	Study Gas Generation Mechanisms for Flammable Gas	0.66	415.29		416.49
1110	TWRS		2A	Quality Assurance/Quality Control	2.24	417.53		418.73
1110	TWRS		2A	PNL Program Management	0.74	418.27		419.47
1110	TWRS		2A	Safety Screening Logic/Risk Assessment	1.80	420.07		421.27
1120	TWRS		2A	VDDT Removal	0.45	420.52		421.72
1120	TWRS		2A	Alarm Panel Upgrades and 701 MCC -- SI 4a34	1.44	421.95		423.15
1130	TWRS		2A	Field Verify Essential Drawings -- SI 4c42	1.97	423.92		425.12
1210–0	TWRS		2A	Vapor/Auger/Scoop sampling of MUSTs	0.47	424.39		425.59
1210–0	TWRS		2A	Program Management	0.19	424.59		425.79
1210–4	TWRS		2A	106–C Sluicing Operations	0.00	424.59		425.79
4110	SNF		2B	W–320 106–C Sluicing	15.93	440.52		441.72
4110	SNF		2B	K BASINS OPERATIONS	14.70	455.22		456.42
4110	SNF		2B	K BASIN MATERIAL REMOVAL	25.20	480.42		481.62
4110	SNF		2B	PROJECT MGMT/REG INTEG	9.30	489.72		490.92
4110	SNF		2B	CASK/TRANSPORTATION SYSTEM	7.30	497.02		498.22
4110	SNF		2B	MCO ACQUISITION	2.70	499.72		500.92
4110	SNF		2B	SYSTEMS ENG/ENG INTEGRATION	15.20	514.92		516.12
4110	SNF		2B	CANISTER STORAGE BUILDING	38.10	553.02	2.30	556.52
4110	SNF		2B	OTHER HANFORD FUEL	1.30	554.32		557.82
4110	SNF	1	2B	CONDITIONING FACILITY	1.90	556.22	3.00	562.72
4110	SNF	1	2B	K BASINS OPERATIONS	1.70	557.92		564.42
4110	SNF	1	2B	K BASIN MATERIAL REMOVAL	–0.20	557.72		564.22
4110	SNF	1	2B	PROJECT MGMT/REG INTEG	0.00	557.72		564.22
4110	SNF	1	2B	CASK/TRANSPORTATION SYSTEM	–0.20	557.52		564.02
4110	SNF	1	2B	MCO ACQUISITION	0.10	557.62		564.12
4110	SNF	1	2B	SYSTEMS ENG/ENG INTEGRATION	0.20	557.82		564.32
4110	SNF	1	2B	CANISTER STORAGE BUILDING	0.50	558.32		564.82
4110	SNF	1	2B	CONDITIONING FACILITY	0.10	558.42		564.92
8410	PNL 8410		2D	324 Bldg B–Cell Safety Cleanout	9.34	567.75		574.25
8410	PNL 8410	1	2D	324 Bldg B–Cell Safety Cleanout	1.48	569.23		575.73
8410	PNL 8410	1	2D	324 Bldg B–Cell Safety Cleanout (Cpt Eqt)	1.00	570.23		576.73
8400	PNL8400	1	2D	324 Building B–Cell Safety Cleanout (Cpt Eqt)	0.08	570.31		576.81

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4195–0	TrP EM–30	1	3D	PNL CAPSULE SHIPMENTS, IOTECH CLOSE OUT ANI	0.29	570.60		577.10
4190	TrP EM 30		3	S/RIDs	0.71	571.31		577.81
4195–0	TrP EM–30		3D	CESIUM CAPSULE RECOVERY PROGRAM	1.99	573.29		579.79
4190–0	TrP EM–30		3D	HAZARD REDUCTION	1.57	574.86		581.36
1100	TWRS	1	4B	GJPO Vadoze zone support – FY95 C/O	0.37	575.23		581.73
1100	TWRS	1	4B	UT Testing of DST – FY95 C/O	0.38	575.60		582.10
1100	TWRS		4B	SST Stabilization Program Support	2.76	578.37		584.87
1100	TWRS		4B	SST Intrusion Prevention	1.13	579.49		585.99
1100	TWRS		4B	SST Monitoring Improvements	0.93	580.42		586.92
1100	TWRS		4B	SST Emergency Pumping	1.00	581.42		587.92
1100	TWRS		4B	Environmental Engineering & Clean–up	3.72	585.14		591.64
1100	TWRS		4B	SST Interim Stabilization	8.42	593.56		600.06
1100	TWRS		4B	Vadose Zone Monitoring	2.70	596.26		602.76
1100	TWRS	1	4B	Evap tsfr in from 101–AYtc242–A –FY95 C/O	0.15	596.41		602.91
1100	TWRS		4B	242A, AW/AP Tank Farm, Preventative Maintenance	0.57	596.98		603.48
1100	TWRS		4B	242A, AW/AP Tank Farm, Routine Surveilance	2.07	599.05		605.55
1100	TWRS		4B	242A, AW/AP Tank Farm, Utilities & Services	2.25	601.30		607.80
1100	TWRS		4B	242A, AW/AP Tank Farm, Base Operations	2.75	604.06		610.56
1100	TWRS		4B	242A, AW/AP Tank Farm, Corrective Maintenance	1.98	606.04		612.54
1100	TWRS		4B	242A, AW/AP Tank Farm, Engineering Analysis	3.48	609.52		616.02
1130	TWRS		4B	Analy Integ Acty Prgm Mgmt	0.53	610.05		616.55
1130	TWRS		4B	Field Sampling Improvements	0.98	611.03		617.53
1130	TWRS		4B	In–Situ Methods Development	0.58	611.61		618.11
1130	TWRS		4B	Tech Develop and Appl Eng Acty Prog Mgmt	1.86	613.47		619.97
1130	TWRS		4B	Hot Cell Instrument Development	0.44	613.91		620.41
1130	TWRS		4B	PNL Mgmt/QA Support (Program Mgmt and Admin)	0.44	614.35		620.85
1130	TWRS		4B	TCAP Improvements (Program Mgmt and Admin)	0.27	614.62		621.12
1200	TWRS	1	4C	Leg comt/closeout – FY95 C/O (PNL 19K/RL–PNL 210	1.13	615.75		622.25
1200–0	TWRS		4C	Information Reserve Management	1.20	616.95		623.45
1200–0	TWRS		4C	TWRS Technical Baseline Development	4.50	621.45		627.95
1200–0	TWRS		4C	PNL–TDPO & Program Management	0.70	622.15		628.65
1200–0	TWRS		4C	TWRS ESH & QA	4.90	627.05		633.55
1200–0	TWRS		4C	Baseline Verification	1.00	628.05		634.55
1200–0	TWRS		4C	Program Management	0.00	628.05		634.55
1200–0	TWRS		4C	TWRS Communications	1.60	629.65		636.15
1200–0	TWRS		4C	Training & Qualification	0.50	630.15		636.65
1200–0	TWRS		4C	Systems Engineering Infrastructure	3.50	633.65		640.15
1200–0	TWRS		4C	Environmental Impact Statement	3.70	637.35		643.85
1200–0	TWRS		4C	Program Management	6.38	643.73		650.23
1200–0	TWRS		4C	TDPO Support	0.50	644.23		650.73
1200–0	TWRS		7	DOE–RL Support	5.40	649.63		656.13
1120	TWRS	1	4C	701A compr instal & W–314 CDR–FY95 C/O	0.05	649.68		656.18
1120	TWRS	1	4C	W–028 AWTL C–170 fee resv – FY95 C/O	0.20	649.88		656.38
1120	TWRS	1	4C	GPP aprv'd W/S C/O – FY95 C/O	1.73	651.61		658.11
1120	TWRS	1	4C	PNL 13K – FY95 C/O	0.01	651.62		658.12
1120	TWRS	1	4C	Capt'l equip aprv'd W/S C/O – FY95 C/O	0.82	652.44		658.94
1120	TWRS	1	4C	W–030 Vent'n upgds aprv'd W/S–FY95 C/O	3.99	656.43		662.93
1120	TWRS	1	4C	W–058 EIS support – FY95 C/O	0.30	656.73		663.23
1200	TWRS	1	4C	W–236A MWTF closeout/C–170 fee–FY95 C/O LI	0.77	657.49		663.99
1200	TWRS	1	4C	W–236A MWTF closeout/C–170 fee–FY95 C/O exp	0.51	658.00		664.50
1120	TWRS		4C	W–030 AY/AZ Primary Ventilation (TPA M–43–01)	2.71	660.72		667.22
1120	TWRS		4C	DST Qualification Life Extension (TPA M–32–04)	1.24	661.96		668.46
1120	TWRS		4C	Technical Integration	2.27	664.22		670.72
1120	TWRS		4C	Upgrade Operating Procedures for Major Maintenance	0.99	665.22		671.72
7332–0	W. MIN.	1	7G	Waste Minimization	0.10	665.32		671.82
7100–3	AN. SERV.		1	219–S Secondary Containment (W–178)	0.20	665.52	0.90	672.92
7100–2	AN. SERV.		1	Radioactive Waste Line Replacement (W–087)	3.70	669.22	2.00	678.62
7100–2	AN. SERV.	1	1	219–S Secondary Containment (W–178)	1.50	670.72		680.12
7100–3	AN. SERV.	1	1	Radioactive Waste Line Replacement (W–087)	2.90	673.62		683.02
2320–2	SOLID WST.		1	T Plant Double Containment (W–259)	2.50	676.12		685.52
7100–0	AN. SERV.		1	222–S Facility Operations	5.00	681.12		690.52
7100–0	AN. SERV.		1	WSCF Facility Operations	0.00	681.12		690.52
7100–0	AN. SERV.	1	1	CENRTC – WHC Carryover	1.80	682.92		692.32
7100–0	AN. SERV.	1	1	CENRTC – PNL Carryover	0.60	683.52		692.92
7340–0	ROM	1	1	CENRTC – ROM	1.60	685.12		694.52
7100–0	AN. SERV.		1	222–S Fire System Backflow Preventer	0.50	685.62		695.02
7100–0	AN. SERV.	1	1	2706–WS Drainfield (W–370)	0.40	686.02		695.42
7100–0	AN. SERV.	1	1	Sample Equipment Cleaning Facility (W–164)	0.10	686.12		695.52
7100–0	AN. SERV.		1	ACL Infrastructure	0.30	686.42		695.82
7100–0	AN. SERV.	1	1	ACL Infrastructure	0.20	686.62		696.02
7100–0	AN. SERV.		1	HEHF Shutdown/Waste Disposal	0.20	686.82		696.22
7100–0	AN. SERV.		1	Analytical Services CENRTC	0.50	687.32	0.70	697.42
7100–0	AN. SERV.		1	Analytical Services Program Management	1.50	688.82		698.92
7100–0	AN. SERV.		1	PBI/Award Fee	0.70	689.52		699.62

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7100-0	AN. SERV.		1	Analytical Services Project Support	0.60	690.12		700.22
7100-0	AN. SERV.	1	1	Quanterra Buyout	1.50	691.62		701.72
7100-0	AN. SERV.		1	Commercial Lab Sample Backlog Return	0.60	692.22		702.32
2200-0	SOLID WST.	1	1	Steam Replacement	0.20	692.42		702.52
7100-0	AN. SERV.		1	Steam Replacement	0.50	692.92		703.02
7100-0	AN. SERV.		1	Facility Life Extension	1.50	694.42		704.52
7340-0	ROM	1	1	RCRA Well Installation (W-152)	0.50	694.92		705.02
7340-0	ROM	1	1	RCRA Well Installation (NRDWL)	0.30	695.22		705.32
1210-0	TWRS	1	4E	DOE-RL Closeout costs – FY95 C/O	0.03	695.24		705.34
1210-0	TWRS	1	4E	Capital Equip Appr W/S – FY95 C/O	0.15	695.39		705.49
1210-2	TWRS	1	4E	Capt'l equip aprv'd W/S C/O – FY95 C/O	1.10	696.48		706.58
1210-0	TWRS		4E	Closure	0.41	696.89		706.99
1210-0	TWRS		4E	System Def – DST	4.99	701.87		711.97
1210-0	TWRS		4E	DST Tech Devel/AE	2.00	703.87		713.97
1210-0	TWRS		4E	Program Management	1.97	705.84		715.94
1210-0	TWRS		4E	Project Definition/SE	1.94	707.78		717.88
1210-0	TWRS		4E	W-314, Scope Transfer from	1.00	708.78		718.88
1210-0	TWRS		4E	Tech Dev/Appl Eng – DST	1.04	709.82		719.92
1210-0	TWRS		4E	Leak Detection	0.60	710.42		720.52
1210-0	TWRS		4E	SST Tech Devel/AE	2.00	712.42		722.52
1210-2	TWRS	1	4E	W-151 101-AZ Retrieval – FY95 C/O	6.07	718.49		728.59
1210-2	TWRS		4E	W-151 101 AZ Retrieval	0.50	718.99		729.09
1240-0	TWRS	1	4E	Capital Equip Appr W/S – FY95 C/O	0.02	719.01		729.11
1220	TWRS	1	4E	Raytheon contract legal cmtmts – FY95 C/O	0.90	719.91		730.01
1220	TWRS	1	4E	Nat'l lab legal & closeout – FY95 C/O (PNL 128K/LANL	0.15	720.06		730.16
1230	TWRS	1	4E	PNL closeout – FY95 C/O	0.05	720.11		730.21
1230	TWRS	1	4E	Capt'l equip aprv'd W/S C/O – FY95 C/O	0.15	720.25		730.35
1230	TWRS	1	4E	Phase I melter testg legal comt – FY95 C/O	0.10	720.35		730.45
1230	TWRS		4E	Grout Facilities	0.49	720.84		730.94
1230	TWRS		4E	Public Involvement	0.01	720.85		730.95
1230	TWRS		4E	Termination Cost	3.20	724.05		734.15
1230	TWRS		4E	Formulation/Matl. Characterization	1.82	725.87		735.97
1230	TWRS		4E	Business Plans	0.26	726.13		736.23
1230	TWRS		4E	Project Definition/SE	0.03	726.15		736.25
1230	TWRS		4E	Program Management	0.40	726.55		736.65
1230	TWRS		4E	Strategy Documents	0.01	726.56		736.66
1230	TWRS		4E	LLW Compliance	0.40	726.96		737.06
1230	TWRS		4E	Prepare LLW PA	6.10	733.06		743.16
1230	TWRS		4E	Oversight & Planning	0.30	733.36		743.46
1250	TWRS		4E	Interim Storage – LLW	0.00	733.36		743.46
1250	TWRS		4E	Interim Storage – LLW	0.00	733.36		743.46
1250	TWRS		4E	Prod. Quality/Misc Tech. – LLW	0.08	733.44		743.54
1250	TWRS		4E	Operations of Interim Storage – LLW	0.02	733.46		743.56
1250	TWRS		4E	Disposal Systems – LLW	1.16	734.62		744.72
1250	TWRS		4E	Interim Storage – HLW	0.00	734.62		744.72
1250	TWRS		4E	Disposal Systems – LLW	0.00	734.62		744.72
1240	TWRS	1	4F	PNL closeout – FY95 C/O	0.04	734.66		744.76
1240	TWRS	1	4F	HWVP legal comt – FY95 C/O	1.11	735.77		745.87
1240	TWRS	1	4F	Termination costs – FY95 C/O	0.03	735.80		745.90
1240	TWRS		4F	Program Management	0.30	736.10		746.20
1240	TWRS		4F	Termination Costs	2.30	738.40		748.50
1240	TWRS		4F	High Lvl Pretrt Melter Feed, Capabilities, Waste Loading	2.90	741.30		751.40
1250	TWRS		4E	Site Infrastructure – LLW	0.92	742.22		752.32
1250	TWRS		4E	Disposal – LLW	0.10	742.32		752.42
1250	TWRS		4E	Program Management	0.30	742.62		752.72
1250	TWRS		4E	Prod. Quality/Misc Tech. – LLW	2.02	744.64		754.74
1290	TWRS	1	4Z	Privatization set aside – FY95 C/O	15.00	759.64		769.74
1290	TWRS	1	4Z	Cont't sup't team leg comt/W/S C/O-FY95 C/O	1.78	761.42		771.52
8500	PNL8500	1	1	RL Activities	0.05	761.47		771.57
4195-0	TrP EM-30	1	7	GPP (CARRYOVER)	0.05	761.52		771.62
8500	PNL8500	1	7B	Consolidate data man. for cultural & ecological progran	0.05	761.57		771.67
8500	PNL8500	1	1	Document cultural field surveys	0.08	761.65		771.75
8500	PNL8500	1	1	Final version of historic context documents	0.03	761.68		771.78
8500	PNL8500	1	1	Multiple property document comment incorporation	0.04	761.72		771.82
8500	PNL8500		1	Ecological Compliance Surveys	0.38	762.10		772.20
8500	PNL8500	1	1	Complete 95 field surveys for ecological compliance	0.02	762.12		772.22
8500	PNL8500	1	1	Biological Resources Mitigation Plan comment resolutic	0.02	762.14		772.24
8500	PNL8500		1	Program management – Target case portion	0.23	762.37		772.47
8500	PNL8500	1	1	Complete Biological Resources Management Plan	0.25	762.62		772.72
2200-0	SOLID WST.	1	4D	Solid Waste CENRTC	2.00	764.62		774.72
2200-0	SOLID WST.	1	4D	Solid Waste Line Item (W-113)	1.50	766.12		776.22
2200-0	SOLID WST.	1	4D	Solid Waste GPP (Steam Replacement)	1.20	767.32		777.42
2200-0	SOLID WST.	1	4D	Solid Waste Line Items (WRAP 1)	10.50	777.82		787.92
2200-1	SOLID WST.	1	4D	Solid Waste Line Items (W-112)	13.00	790.82		800.92

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ADS Number	Program Name	Carryover (1)	Hanford Amp. Priority	Workscope Title	FY 1995	Cum. FY 1995	Projected YE Commit.	Total With YE Comm
2300–1	LIQ. EFF.	1	4	Phase II Streams Line Item	3.80	794.62	1.50	806.22
2300–1	LIQ. EFF.		4	Phase II Streams – Expense Support	0.40	795.02		806.62
2200–0	SOLID WST.	1	4D	Additional "Laundry" Lift Scope	0.10	795.12		806.72
2200–0	SOLID WST.	1	4D	Decontamination Contract Support	0.30	795.42		807.02
2200–0	SOLID WST.	'	4D	LLMW Stabilization Contract	0.30	795.72	0.50	807.82
2200–0	SOLID WST.	'	4D	Direct Disposal Support	1.80	797.52		809.62
2320–0	SOLID WST.	'	4D	Contaminated Equipment Decontamination	1.00	798.52		810.62
2200–0	SOLID WST.	1	4D	DNFSB 94–2 Support	0.20	798.72		810.82
2200–0	SOLID WST.	1	4D	2706–T Drainage	0.10	798.82		810.92
2200–0	SOLID WST.		4D	RMW Trench/Leachate Treatment	0.80	799.62		811.72
2200–0	SOLID WST.		4D	616 Operations (10/1–2/29)	0.80	800.42		812.52
2310–1	LIQ. EFF.	1	4	HEC Line Item Closeout	11.00	811.42		823.52
2200–0	SOLID WST.		4D	WRAP 1	6.60	818.02		830.12
103–0	DOE–RL		7A	DOE–RL DIRECTED WORK	46.20	864.22		876.32
7330	HEMP		7G	Program Management	0.17	864.38		876.48
7330	HEMP		7G	Support Regulator Inspections	0.45	864.83		876.93
7330	HEMP		7G	Partial support TPA Manage./Negotiations	0.51	865.33		877.43
7330	HEMP		7G	Support Facility–wide Mapping/Marking	0.65	865.98		878.08
7330	HEMP		7G	Regulator Access to Hanford Database	0.17	866.15		878.25
7330	HEMP		7G	Partial Centralized NEPA coord./support	0.20	866.35		878.45
7330	HEMP	1	7G	TPA Manage. Public Repos./Admin. Record	0.15	866.50		878.60
7250	Plan Integ		7H	Strategic & Mission Planning	1.94	868.44		880.54
7250	Plan Integ	1	7H	Strategic & Mission Planning	0.25	868.69		880.79
7250	Plan Integ	1	7H	Strategic & Mission Planning	0.21	868.90		881.00
7250	Plan Integ		7H	Management Systems	0.28	869.18		881.28
7250	Plan Integ		7H	Program Planning Support	0.39	869.56		881.66
7250	Plan Integ		7H	Performance Analysis & Reporting	1.19	870.75		882.85
7250	Plan Integ		7H	Budget Request Support	0.85	871.59		883.69
7250	Plan Integ		7H	Baseline Management Activities	0.91	872.51		884.61
7250	Plan Integ		7H	RL Activities (M&I Support)	0.64	873.15		885.25
7250	Plan Integ		7H	BEMR Support	0.37	873.51		885.61
7250	Plan Integ	1	7H	BEMR Support	0.08	873.59		885.69
7250	Plan Integ		7H	Management & Administration	0.98	874.57		886.67
7250	Plan Integ		7H	Risk Data Sheets	0.10	874.67		886.77
7250	Plan Integ		7H	Technical Systems Integration	1.00	875.67		887.77
7330	HEMP	1	7G	Partial centralized NEPA coord./support	0.05	875.72		887.82
7330	HEMP	1	7G	TPA Manage. Public Repos./Admin. Record	0.09	875.81		887.91
7330	HEMP	1	7G	Eliminate Low Value Environmental Rqmts.	0.11	875.91		888.01
7330	HEMP	1	7G	NEPA support to Hanford Plan Documents	0.11	876.02		888.12
7330	HEMP	1	7G	NEPA support Comprehensive Land Use Plan	0.05	876.07		888.17
7330	HEMP	1	7G	Support DOE/Regulator/Congress requests	0.11	876.17		888.27
7330	HEMP	1	7G	Support sitewide EIS	0.21	876.38		888.48
8400	PNL8400		2D	324 Building B–Cell Safety Cleanout	0.20	876.58		888.68
8400	PNL8400		2D	324 Building B–Cell Safety Cleanout	2.57	879.14		891.24
2200–0	SOLID WST.		4D	WRAP 1	4.40	883.54		895.64
2200–0	SOLID WST.		4D	WRAP 1 – IRB Reduction	0.00	883.54		895.64
2310–1	LIQ. EFF.	1	4	Prior Year GPP/CENRTC	1.10	884.64		896.74
2300–0	LIQ. EFF.		4	Misc. Streams – 216 Permit	0.60	885.24		897.34
2300–0	LIQ. EFF.		4	200 ETF Operations	7.30	892.54		904.64
2300–0	LIQ. EFF.		4	200 ETF Operations – IRB Reduction	0.00	892.54		904.64
2300–0	LIQ. EFF.	1	4	ETF Operations	0.20	892.74		904.84
7340–0	ROM	1	7E	RCRA Well Installation (W–152)	0.00	892.74	2.10	906.94
2200–0	SOLID WST.		4D	Solid Waste Systems Engineering	0.60	893.34		907.54
2300–0	SOLID WST.	1	4D	Concentrator Box Stabilization	0.20	893.54		907.74
7100–0	AN. SERV.		7D	LIMS Enhancements & Upgrades	0.90	894.44		908.64
7100–0	AN. SERV.		7D	Facility Life Extension	0.90	895.34		909.54
2200–0	SOLID WST.		4D	616 Operations (3/1–9/30)	1.00	896.34		910.54
2300–0	LIQ. EFF.	1	4	340 Shutdown Plan	0.10	896.44		910.64
2300–0	LIQ. EFF.	1	4	New Feed Studies	0.20	896.64		910.84
1120	TWRS	1	4C	W–058 CSTL aprv'l W/S C/O–FY95 C/O	6.45	903.09		917.29
1120	TWRS	1	4C	W–058 CSTL aprv'l W/S C/O–FY95 C/O	5.48	908.57		922.77
1120	TWRS	1	4C	W–058 Cross–Site Transfer System (TPA M–43–07)	11.14	919.71	9.60	943.51
1110	TWRS		2A	Equipment Design/Fab for C–103 Organic layer Remov	1.20	920.91		944.71
1210–3	TWRS	1	4E	W–211 Int'l DST Retieval – FY95 C/O	0.72	921.63		945.43
1210–3	TWRS		4E	W–211 Initial DST Retrieval	9.50	931.13	0.90	955.83
1120	TWRS		4C	W–314 Restoration and Safe Operations MSA	14.98	946.11		970.81
1120	TWRS		4C	TMACS	3.81	949.91		974.61
1120	TWRS		4C	GPP Definition (Project Management and Systems Eng	4.15	954.06		978.76
1120	TWRS		4C	Engineered Tank Farm Hardware	2.23	956.29		980.99
1120	TWRS		4C	Long Length Contaminated Equip Disposal	3.46	959.75		984.45
1290	TWRS		4Z	Phase I/II Privatization Support	0.00	959.75		984.45
1290	TWRS		4Z	Phase I/II Privatization Support	33.50	993.25		1017.95
7250	Plan Integ		7H	Risk Management & Assessment	0.90	994.15		1018.85
7250	Plan Integ		7H	Site Management Information Systems	0.19	994.34		1019.04

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7250	Plan Integ	1	7H	Site Management Information Systems	0.36	994.70		1019.40
7250	Plan Integ		7H	Management & Administration	0.16	994.86		1019.56
4190–0	TrP EM–30		1	WESF UPGRADES	0.19	995.05		1019.75
4190–1	TrP EM–30		1	SAFETY CLASS VENT UPGRADE (W–059)	0.11	995.16		1019.86
7100–0	AN. SERV.		7D	222–S Steam Replacement	0.50	995.66		1020.36
7100–0	AN. SERV.		7D	WSCF Facility Operations	2.00	997.66		1022.36
7332–0	W. MIN.	1	7G	Waste Minimization	0.20	997.86		1022.56
7332–0	W. MIN.		7G	Waste Minimization	0.00	997.86		1022.56
2300–0	LIQ. EFF.		4	Liquid Effluents Program Management	0.40	998.26		1022.96
4190–0	TrP EM–30		3D	B PLANT TRANSITION	0.41	998.67		1023.37
4190–0	TrP EM–30		3D	WESF/B PLANT DECOUPLING ACTIVITIES	1.11	999.78		1024.48
4190–0	TrP EM–30		3D	B Plant ISB IMPLEMENTATION	0.08	999.85		1024.55
4190–0	TrP EM–30		3D	DECON RAD CONTAMINATED OUTDOORS AREAS	0.06	999.91		1024.61
4190–0	TrP EM–30		3D	CAPSULE DISPOSITION	0.04	999.95		1024.65
				JOINT CONFEREE MARK – $69M		999.95		1024.65
1200	TWRS		4C	Program Management	2.80	1002.75		1027.45
1120	TWRS		4C	TMACS	0.00	1002.75		1027.45
1120	TWRS		4C	GPP Definition (Project Management and Systems Eng	0.00	1002.75		1027.45
1120	TWRS		4C	Engineered Tank Farm Hardware	0.00	1002.75		1027.45
1120	TWRS		4C	Long Length Contaminated Equip Disposal	0.00	1002.75		1027.45
2200–0	SOLID WST.		4D	Solid Waste Program Management	0.80	1003.55		1028.25
7100–0	AN. SERV.		7D	Commercial Lab Sample Backlog Return	0.40	1003.95		1028.65
2200–0	SOLID WST.		4D	Thermal Treatment Contract	0.00	1003.95		1028.65
7100–0	AN. SERV.		7D	LIMS Enhancements & Upgrades	0.20	1004.15		1028.85
2300–0	LIQ. EFF.		4	310/340 Conduct of Operations	1.30	1005.45		1030.15
7100–0	AN. SERV.		7D	222–S Operations	0.20	1005.65		1030.35
7100–0	AN. SERV.		7D	Analytical Services Program Management	0.30	1005.95		1030.65
2300–0	LIQ. EFF.		4	340 Replacement of Project W–302	1.00	1006.95		1031.65
2220–1	SOLID WST.	1	4D	WRAP 1 DOE ORR	0.30	1007.25		1031.95
7100–0	AN. SERV.		7D	1706–KE Transition to D&D	1.00	1008.25		1032.95
7100–0	AN. SERV.		7D	222–S Life Extension	0.50	1008.75		1033.45
2300–0	LIQ. EFF.		4	200 ETF New Feed Stream Studies	0.40	1009.15		1033.85
2300–0	LIQ. EFF.		4	200 ETF Filtration Upgrade	1.90	1011.05		1035.75
2300–0	LIQ. EFF.		4	200 ETF Piping Modifications	1.80	1012.85		1037.55
7100–0	AN. SERV.		7D	Lab Project Support	0.20	1013.05		1037.75
2200–0	SOLID WST.		4D	Air Lance Disposal	1.10	1014.15		1038.85
2200–0	SOLID WST.		4D	Sodium Treatment	2.00	1016.15		1040.85
7332–0	W. MIN.		7G	Waste Minimization	0.30	1016.45		1041.15
7340–0	ROM	1	7E	Abandoned Well Decommissioning	0.30	1016.75		1041.45
7340–0	ROM	1	7E	Seismic Monitoring Maintenance	0.10	1016.85		1041.55
7340–0	ROM	1	7E	Groundwater Network Evaluation	0.20	1017.05		1041.75
7340–0	ROM	1	7E	Reinstate 1R43V1	0.10	1017.15		1041.85
7340–0	ROM		7E	Environmental Effluent Monitoring	0.20	1017.35		1042.05
7340–0	ROM		7E	Environmental Surveillance – Stab. Sites	0.20	1017.55		1042.25
7340–0	ROM		7E	NESHAP Compliance	0.30	1017.85		1042.55
7340–0	ROM		7E	Vadose Zone Monitoring	0.30	1018.15		1042.85
7340–0	ROM		7E	Seismic Monitoring	0.10	1018.25		1042.95
7340–0	ROM		7E	Well Maintenance & Decommissioning	0.60	1018.85		1043.55
7340–0	ROM		7E	RCRA Well Installation	0.30	1019.15		1043.85
7340–0	ROM		7E	Groundwater Monitoring	0.50	1019.65		1044.35
7340–0	ROM		7E	Groundwater Management	0.50	1020.15		1044.85
7330–0	HEMP		7G	Management Reserve	0.10	1020.25		1044.95
7330–0	HEMP		7G	Produce Resource Schedules/support HSIS	0.11	1020.36		1045.06
7332–0	W. MIN.	1	7G	Waste Minimization	0.20	1020.56		1045.26
7332–0	W. MIN.		7G	Waste Minimization	0.00	1020.56		1045.26
7100–0	AN. SERV.		7D	Analytical Services Project Support	0.00	1020.56		1045.26
2200–0	SOLID WST.		4D	W–272 Engineering Support	0.70	1021.26		1045.96
2200–1	SOLID WST.		4D	Enhanced RMW Storage (W–112)	6.60	1027.86		1052.56
2200–1	SOLID WST.	1	4D	Enhanced RMW Storage – Expansion (W–112)	0.70	1028.56		1053.26
2200–1	SOLID WST.	1	4D	Enhanced RMW Storage (W–112)	1.20	1029.76		1054.46
7250	Plan Integ		7H	Comprehensive Land Use Planning	0.30	1030.06		1054.76
8400	PNL8400		1	Program Management	0.00	1030.06		1054.76
8400	PNL8400		1	325 Building Surveillance & Maintenance	0.31	1030.37		1055.07
8400	PNL8400		1	Waste Management Operations	0.28	1030.65		1055.35
4195–0	TrP EM–30		1	CENRTC	0.10	1030.75		1055.45
4190–0	TrP EM–30	1	7	GPP (CARRYOVER)	0.01	1030.76		1055.46
1120	TWRS		4C	W–028 Aging Waste Transfer Lines	2.61	1033.37		1058.07
				PRESIDENT'S BUDGET (10/27)		1033.37		1058.07
1290	TWRS		4Z	TWRS Phase I/II Privitization Support	49.50	1082.87		1107.57
7250	Plan Integ		7H	Non– Core Activities	2.12	1084.99		1109.69
				PRESIDENT'S BUDGET (9/15)		1084.99		1109.69
1110	TWRS		2A	DST/SST Stabilization	2.96	1087.95		1112.65
1110	TWRS		2A	Install/Operate Removal Equipment for C–103 Organic	1.61	1089.56		1114.26
1110	TWRS		2A	Install Temperature Upgrades in Flammable Gas Tanks	0.10	1089.66		1114.36

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1110	TWRS		2A	Equip Design/Fab for C–103 Org. Layer	0.01	1089.67		1114.37
8410	PNL 8410		2D	B–Cell Cleanout Acceleration	2.00	1091.67		1116.37
4190–0	TrP EM–30		3D	SYSTEM ENGINEERING	0.29	1091.96		1116.66
4190–0	TrP EM–30		3D	HAZARD REDUCTION	0.00	1091.96		1116.66
1100	TWRS		4B	242–A Evaporator	3.34	1095.30		1120.00
1100	TWRS		4B	Safety Issue Resolutions	5.85	1101.14		1125.84
1100	TWRS		4B	Envimmt'l Clean Up and Corrective Activities	4.61	1105.75		1130.45
1100	TWRS		4B	Tank Farm Project Monitoring and Control	1.25	1107.00		1131.70
1100	TWRS		4B	SST Stabilization	2.46	1109.46		1134.16
1100	TWRS		4B	200 West Clean–Up and Transition Activities	5.10	1114.56		1139.26
1100	TWRS		4B	200 East Clean–Up and Transition Activities	6.92	1121.48		1146.18
1100	TWRS		4B	Tank Farm Training and Procedures	1.16	1122.64		1147.34
1100	TWRS		4B	Vadose Zone Monitoring Improvements	0.52	1123.16		1147.86
1130	TWRS		4B	Supernate Sampling	0.30	1123.46		1148.16
1130	TWRS		4B	Vapor Sampling	0.01	1123.47		1148.17
1130	TWRS		4B	Safety Scree DQO Analysis	3.57	1127.04		1151.74
1130	TWRS		4B	Safety Resolution DQO Analysis	5.02	1132.06		1156.76
1130	TWRS		4B	Auger Sampling	7.16	1139.22		1163.92
1130	TWRS		4B	Off–Site Repackaging/Shipping	0.10	1139.32		1164.02
1130	TWRS		4B	TWRS Characterization Planning	1.20	1140.52		1165.22
1130	TWRS		4B	Historical Data Development – LANL	1.60	1142.11		1166.82
1130	TWRS		4B	Compatibility DQO Analysis	0.39	1142.51		1167.21
1130	TWRS		4B	Operations DQO Analysis	0.95	1143.45		1168.15
1130	TWRS		4B	Disposal DQO Analysis	0.50	1143.95		1168.65
1130	TWRS		4B	Program Technical Integration	0.38	1144.33		1169.03
1130	TWRS		4B	Equipment Replacement	1.97	1146.30		1171.01
1130	TWRS		4B	Core Sampling	8.50	1154.81		1179.51
1130	TWRS		4B	Riser Preparation	0.06	1154.86		1179.56
1130	TWRS		4B	Data Definition Support	0.17	1155.03		1179.73
1130	TWRS		4B	Moisture Monitor Engrg for Organics	0.10	1155.13		1179.83
1130	TWRS		4B	Historical Data Development – ICH KH	1.20	1156.33		1181.03
1130	TWRS		4B	Analy Integ Acty Prgm Mgmt	0.07	1156.40		1181.10
1130	TWRS		4B	In–Situ Methods Development	0.00	1156.40		1181.10
1130	TWRS		4B	Vapor/Auger/Scoop sampling of MUSTs	0.39	1156.79		1181.49
1130	TWRS		4B	TCAP Improvements (Program Mgmt and Admin)	0.10	1156.89		1181.59
1130	TWRS		4B	PNL Mgmt/QA Support (Program Mgmt and Admin)	0.30	1157.19		1181.89
1130	TWRS		4B	Hot Cell Instrument Development	0.46	1157.65		1182.35
1130	TWRS		4B	Field Sampling Improvements	4.07	1161.71		1186.41
1130	TWRS		4B	Data Access Improvements	0.19	1161.90		1186.60
1130	TWRS		4B	Tech Develop and Appl Eng Acty Prog Mgmt	1.00	1162.90		1187.60
1130	TWRS		4B	Data Evaluation and Report Activity Program Managem	0.11	1163.01		1187.71
1130	TWRS		4B	Data Dissemination	0.07	1163.08		1187.78
1130	TWRS		4B	Field Sampling and Measure Activity Prog Mgmt	0.03	1163.11		1187.81
1130	TWRS		4B	Data Definition and Planning	0.53	1163.64		1188.34
1130	TWRS		4B	Tank Characterization Reports (TCRs)	2.16	1165.80		1190.50
1130	TWRS		4B	Analytical Procedures Develop – WHC	0.06	1165.85		1190.55
1130	TWRS		4B	Field Sampling Readiness	0.01	1165.86		1190.56
8500	PNL8500		4C	Cultural Surveys and documentation	1.20	1167.06		1191.76
8500	PNL8500		4C	Ecological Compliance Reviews	0.31	1167.37		1192.07
8500	PNL8500		4C	Progam Management – Plan	0.16	1167.53		1192.23
1200–0	TWRS		4C	DOE–RL Support	1.30	1168.84		1193.54
1200–0	TWRS		4C	Environmental Impact Statement	0.78	1169.61		1194.31
1200–0	TWRS		4C	PNL TDPO Program Management	5.27	1174.88		1199.58
1200–0	TWRS		4C	Information Reserve Management	0.22	1175.10		1199.80
1200–0	TWRS		4C	TWRS ESH & QA	0.95	1176.05		1200.75
1200–0	TWRS		4C	TWRS Systems Engineering	2.85	1178.90		1203.60
1120	TWRS		4C	W–314 Restoration and Safe Operations MSA	0.00	1178.90		1203.60
1120	TWRS		4C	Field Verify Essential Drawings –– SI 4c42	0.03	1178.93		1203.63
1120	TWRS		4C	Program Management	–0.40	1178.53		1203.23
1120	TWRS		4C	DST Qualification Life Extension (TPA M–32–04)	0.00	1178.53		1203.23
1120	TWRS		4C	Resolve Site Electrical Assessment Issues	2.60	1181.13		1205.83
1120	TWRS		4C	Compressed Air Systems –– SI 4b35 / Change Trailer	0.60	1181.73		1206.43
1120	TWRS		4C	Technical Integration	0.00	1181.73		1206.43
1120	TWRS		4C	GPP Definition (Project Management and Systems Eng	2.67	1184.40		1209.10
1120	TWRS		4C	TMACS	2.40	1186.80		1211.50
1120	TWRS		4C	Configuration Management	1.00	1187.80		1212.50
1120	TWRS		4C	Alarm Panel Upgrades and 701 MCC –– SI 4a34	0.00	1187.80		1212.50
1120	TWRS		4C	Upgrade Operating Procedures for Major Maintenance	0.00	1187.80		1212.50
1120	TWRS		4C	Long Length Contaminated Equip Disposal	0.00	1187.80		1212.50
1210–0	TWRS		4E	Barriers	11.31	1199.11		1223.81
1210–0	TWRS		4E	System Def – SST	9.05	1208.17		1232.87
1210–0	TWRS		4E	Closure	0.00	1208.17		1232.87
1210–0	TWRS		4E	Program Management	0.03	1208.20		1232.90
1210–0	TWRS		4E	Tech Dev/Appl Eng – DST	1.74	1209.94		1234.64

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ADS Number	Program Name	Carryover (1)	Hanford Amp. Priority	Workscope Title	FY 1996	Cum. FY 1996	Projected YE Commit.	Total With YE Comm
1210-0	TWRS		4E	Leak Detection	1.29	1211.23		1235.93
1210-0	TWRS		4E	Tech Dev/App Eng – DST	0.38	1211.61		1236.31
1210-0	TWRS		4E	System Def – DST	4.50	1216.11		1240.81
1210-0	TWRS		4E	Project Definition/SE	0.70	1216.81		1241.52
1210-0	TWRS		4E	Tech Dev/App Eng – SST	3.70	1220.51		1245.21
1210-3	TWRS		4E	W-211 Initial DST Retrieval	0.00	1220.51		1245.21
1230	TWRS		4E	Techetium / Strontium Separations	1.80	1222.31		1247.01
1230	TWRS		4E	LLW High Capacity Melter	6.60	1228.91		1253.61
1230	TWRS		4E	Prepare LLW PA	0.00	1228.91		1253.61
1230	TWRS		4E	Grout Facilities	0.00	1228.91		1253.61
1240	TWRS		4F	High Lvl Pretrt Melter Feed Capabilities, Waste Loading	2.30	1231.21		1255.91
1240	TWRS		4F	Enhanced Sludge Washing/Leaching/Solid-Liquid Sep	3.20	1234.41		1259.11
1240	TWRS		4F	HLW High Capacity Melter	3.50	1237.91		1262.61
1290	TWRS			PNL Privatization Study Support	10.00	1247.91		1272.61
1280-AA	TWRS		4Z	W-236a Multi-Waste Treatment Facility (TPA M-42-t	103.49	1351.41		1376.11
8410	PNL 8410		5A	CsCl Legacy Safety Program	0.72	1352.13		1376.83
8410	PNL 8410		5A	Plutonium Vulnerability	0.33	1352.46		1377.16
8410	PNL 8410		5A	Facility Consolidation	1.96	1354.42		1379.12
8400	PNL8400		5A	CsCl Legacy Safety Program	0.72	1355.14		1379.84
4190-0	TrP EM-30		7A	MAPPING & MARKING	0.00	1355.14		1379.84
8410	PNL 8410		7B	Safety Analysis Report (SAR) Development	2.56	1357.69		1382.39
8400	PNL8400		7B	325 Bldg Essential ES&H Drawings	0.33	1358.02		1382.72
8400	PNL8400		7B	Facilities, Industrial Hygiene & Safety (Asbestos Abaten	0.26	1358.28		1382.98
8400	PNL8400		7B	Waste Management Ops (Legacy Waste Cleanout)	0.54	1358.82		1383.52
8400	PNL8400		7B	324 Bldg Hot Cell Facility Surveillance & Maintenance	0.00	1358.82		1383.52
8400	PNL8400		7B	Effluent Monitoring	1.96	1360.78		1385.48
8400	PNL8400		7B	Refrigerant Replacement Program	0.28	1361.05		1385.75
8400	PNL8400		7B	NEPA Compliance Program	0.04	1361.10		1385.80
8400	PNL8400		7B	Sids/Req'mnts Identif. Doc's (S/RIDS)	0.00	1361.10		1385.80
8500	PNL8500	1	7B	Elk Population Control	0.01	1361.11		1385.81
8500	PNL8500	1	7B	Chlorine-36 study	0.01	1361.12		1385.82
8500	PNL8500		7B	Env, Groundwater and Met Monitoring – Plan	4.65	1365.77		1390.47
8410	PNL 8410		1	327 Bldg Surv & Mtn	0.00	1365.77		1390.47
8400	PNL8400		1	Program Management	0.00	1365.77		1390.47
8400	PNL8400		1	Pollution Prevention Program	0.33	1366.09		1390.79
8400	PNL8400		1	RMW Storage Tank Inspection (PNL)	0.00	1366.09		1390.79
8400	PNL8400		1	324 Bldg Hot Cell Facility Surveillance & Maintenance	0.14	1366.23		1390.93
8400	PNL8400		1	325 Building Surveillance & Maintenance	0.00	1366.23		1390.93
8400	PNL8400		1	Waste Management Operations	0.63	1366.86		1391.56
8400	PNL8400		1	Effluent Monitoring	1.30	1368.16		1392.86
8400	PNL8400		1	NEPA Compliance Program	0.00	1368.16		1392.86
8400	PNL8400	1	1	Facilities, Industrial Hygiene & Safety (Asbestos Survey	0.22	1368.38		1393.08
8400	PNL8400		1	Facilities, Industrial Hygiene & Safety (Asbestos Survey	0.04	1368.42		1393.12
8400	PNL8400		1	Refrigerant Replacement Program (Survey)	0.12	1368.54	24.70	1393.24

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Waste Management - Programmatic

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ADS Number	Program Name	Hanford Amplified Priority	Workscope Title	FY 1996	Cum. FY 1996	FY 1997	Cum. FY 1997
7100-0	AN. SERV.	1	Analytical Services Minimum Safe	23.50	23.50	24.60	24.60
2300-0	LIQ. EFF.	1	Liquid Effluents Minimum Safe	23.70	47.20	21.50	46.30
7340-0	ROM	1	RCRA & Operational Monitoring Min. Safe	15.00	62.20	11.50	57.80
2200	SW	1	Solid Waste Minimum Safe	53.10	115.30	45.60	103.40
			Minimum Base Safe		115.30		103.40
7332-0	W. MIN.	7G	Waste Minimization	0.30	115.60	0.30	103.70
7097	AN. SERV.	1	219-S Secondary Containment (W-178)	0.70	116.30	0.00	103.70
7098	AN. SERV.	1	Radioactive Waste Line Replacement (W-087)	5.70	122.00	0.00	103.70
2318	SW	1	T Plant Double Containment (W-259)	2.50	124.50	4.30	108.00
7100-0	AN. SERV.	1	222-S Facility Operations	5.00	129.50	5.00	113.00
7100-0	AN. SERV.	1	222-S Backflow Preventer	0.50	130.00	0.00	113.00
7100-0	AN. SERV.	1	Lab. CENRTC	1.20	131.20	1.00	114.00
7100-0	AN. SERV.	1	Lab Program Management	2.60	133.80	0.90	114.90
7100-0	AN. SERV.	1	LIMS Implementation	0.90	134.70	0.90	115.80
7100-0	AN. SERV.	1	Lab Project Support	0.60	135.30	0.00	115.80
7100-0	AN. SERV.	1	Commercial Lab Sample Backlog Return	0.60	135.90	0.00	115.80
7100-0	AN. SERV.	1	Steam Replacement	1.00	136.90	0.00	115.80
7100-0	AN. SERV.	1	222-S Life Extension	0.00	136.90	1.90	117.70
			Decrement 2		136.90		117.70
7100-0	AN. SERV.	1	222-S Life Extension	1.90	138.80	0.00	117.70
2200-0	SW	4D	WRAP 1	11.00	149.80	7.90	125.60
2300-0	LIQ. EFF.	4	Phase II Streams - Expense Support	0.50	150.30	0.90	126.50
2300-0	LIQ. EFF.	4	Misc. Streams - 216 Permit	0.50	150.80	0.20	126.70
2300-0	LIQ. EFF.	4	200 ETF Operations	7.40	158.20	1.60	128.30
2200-0	SW	4D	616 Operations	1.80	160.00	1.80	130.10
			Decrement 1		160.00		130.10
7340-0	ROM	1	RCRA & Operational Monitoring Min. Safe	0.00	160.00	2.00	132.10
2200-0	SW	4D	WRAP 1	0.00	160.00	2.00	134.10
2300-0	LIQ. EFF.	4	200 ETF Operations	0.00	160.00	4.00	138.10
2200-0	SW	4D	616 Operations	0.00	160.00	-1.80	136.30
7100	AN. SERV.	7D	WSCF Operations	2.00	162.00	0.00	136.30
2300-0	LIQ. EFF.	4	Liquid Effluents Program Management	0.40	162.40	0.00	136.30
2200-0	SW	4D	Solid Waste Program Management	2.20	164.60	0.00	136.30
7100-0	AN. SERV.	7D	Commercial Lab Sample Backlog Return	0.40	165.00	0.00	136.30
2320-0	SW	4D	Contaminated Equipment Decontamination	1.00	166.00	0.00	136.30
7100	AN. SERV.	7D	LIMS Implementation	0.20	166.20	0.00	136.30
2300-0	LIQ. EFF.	4	340 Expense Conduct of Ops. Upgrades	1.40	167.60	0.00	136.30
7100-0	AN. SERV.	7D	222-S Operations	0.20	167.80	0.00	136.30
7100-0	AN. SERV.	7D	Lab Program Management	0.30	168.10	0.00	136.30
2300	LIQ. EFF.	4	340 Replacement of Project W-302	1.30	169.40	0.00	136.30
2220-1	SW	4D	WRAP 1 DOE ORR	0.30	169.70	0.00	136.30
7100	AN. SERV.	7D	1705-KE Transition to D&D	1.00	170.70	0.00	136.30
7100	AN. SERV.	7D	222-S Life Extension	1.00	171.70	0.00	136.30
2300-0	LIQ. EFF.	4	200 ETF New Feed Stream Studies	0.30	172.00	0.00	136.30
2200-0	SW	4D	RMW Trench/Leachate Treatment	1.20	173.20	0.00	136.30
2300	LIQ. EFF.	4	200 ETF Filtration Upgrade	1.90	175.10	0.00	136.30
2200-0	SW	4D	RMW Stabilization Contract	0.80	175.90	0.00	136.30
2300-0	LIQ. EFF.	4	200 ETF UVOX Upgrade	1.80	177.70	0.00	136.30
7100-0	AN. SERV.	7D	Lab Project Support	0.20	177.90	0.00	136.30
2200-0	SW	4D	Air Lance Disposal	1.10	179.00	0.00	136.30
2200-0	SW	4D	Direct Disposal Support	2.00	181.00	0.00	136.30
2200-0	SW	4D	Sodium Treatment	2.00	183.00	0.00	136.30
7332-0	W. MIN.	7G	Waste Minimization	0.30	183.30	0.00	136.30
7340-0	ROM	7E	Environmental Effluent Monitoring	0.20	183.50	0.00	136.30
7340-0	ROM	7E	Environmental Surveillance - Stab. Sites	0.20	183.70	0.00	136.30
7340-0	ROM	7E	NESHAP Compliance	0.30	184.00	0.00	136.30
7340-0	ROM	7E	Vadose Zone Monitoring	0.20	184.20	0.00	136.30
7340-0	ROM	7E	Seismic Monitoring	0.10	184.30	0.00	136.30
7340-0	ROM	7E	Well Maintenance & Decommissioning	0.60	184.90	0.00	136.30
7340-0	ROM	7E	Groundwater Monitoring	0.60	185.50	0.00	136.30
7340-0	ROM	7E	Groundwater Management	0.50	186.00	0.00	136.30

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ADS Number	Program Name	Hanford Amplified Priority	Workscope Title	FY 1996	Cum. FY 1996	FY 1997	Cum. FY 1997
7340-0	ROM	7E	ROM Program Management	0.30	186.30	0.00	136.30
			Integrated Target Case		186.30		136.30
2200-0	SW	4D	616 Operations	0.00	186.30	1.80	138.10
7100	AN. SERV.	7D	WSCF Operations	0.00	186.30	3.50	141.60
7332-0	W. MIN.	7G	Waste Minimization	0.00	186.30	0.10	141.70
2300-0	LIQ. EFF.	4	Liquid Effluents Program Management	0.00	186.30	1.20	142.90
2200-0	SW	4D	Solid Waste Program Management	0.00	186.30	1.00	143.90
2320-0	SW	4D	Contaminated Equipment Decontamination	0.00	186.30	1.80	145.70
2200-0	SW	4D	Thermal Treatment Contract	0.00	186.30	2.30	148.00
7100	AN. SERV.	7D	LIMS Implementation	0.00	186.30	0.20	148.20
2300-0	LIQ. EFF.	4	340 Expense Conduct of Ops. Upgrades	0.00	186.30	1.00	149.20
7100-0	AN. SERV.	7D	Lab Program Management	0.00	186.30	2.50	151.70
2220-1	SW	4D	WRAP 1 DOE ORR	0.00	186.30	1.60	153.30
2300-0	LIQ. EFF.	4	200 ETF New Feed Stream Studies	0.00	186.30	0.10	153.40
2200-0	SW	4D	RMW Trench/Leachate Treatment	0.00	186.30	2.10	155.50
2300	LIQ. EFF.	4	200 ETF Filtration Upgrade	0.00	186.30	0.40	155.90
7100-0	AN. SERV.	7D	Lab Project Support	0.00	186.30	0.20	156.10
7332-0	W. MIN.	7G	Waste Minimization	0.00	186.30	0.30	156.40
7332-0	W. MIN.	7G	Waste Minimization	0.00	186.30	0.50	156.90
7100-0	AN. SERV.	7D	222-S Small Projects	0.00	186.30	1.60	158.50
			Planning Case		186.30		158.50

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ADS Number	Program Name	Hanford Amplified Priority	Workscope Title	FY 1996	Cum. FY 1996	FY 1997	Cum. FY 1997
4110	SNF	1	K BASINS OPERATIONS	15.00	15.00	15.00	15.00
			Minimum Base Safe Operations		15.00		15.00
4110	SNF	2B	K BASINS OPERATIONS	15.00	30.00	15.00	30.00
4110	SNF	2B	K BASIN MATERIAL REMOVAL	26.60	56.60	32.70	62.70
4110	SNF	2B	PROJECT MGMT/REG INTEG	9.00	65.60	10.40	73.10
4110	SNF	2B	CASK/TRANSPORTATION SYSTEM	7.10	72.70	19.40	92.50
4110	SNF	2B	MCO ACQUISITION	2.50	75.20	6.20	98.70
4110	SNF	2B	SYSTEMS ENG/ENG INTEGRATION	14.10	89.30	10.30	109.00
4110	SNF	2B	CANISTER STORAGE BUILDING	40.50	129.60	37.50	146.50
4110	SNF	2B	OTHER HANFORD FUEL	1.50	131.30	0.30	146.80
4110	SNF	2B	CONDITIONING FACILITY	4.70	136.00	28.20	175.00
			Integrated Target Case		136.00		175.00

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ADS Number	Program Name	Hanford Amplified Priority	Workscope Title	FY 1996	Cum. FY 1996	FY 1997	Cum. FY 1997
8400	PNL8400	1	324 Bldg Hot Cell Facility Surveillance & Maintenance	1.28	1.28	0.71	0.71
8400	PNL8400	1	325 Bldg Surveillance and Maintenance	3.16	4.44	2.92	3.62
8400	PNL8400	1	Essential ES&H Drawings	0.41	4.85	0.41	4.04
8400	PNL8400	1	Misc 300 Area PNL Lab Surveillance & Maintenance	0.03	4.87	0.06	4.10
8400	PNL8400	1	CsCl Legacy Safety Program (S&M only)	0.15	5.02	0.00	4.10
8400	PNL8400	1	Waste Mgmt Operations	3.06	8.08	3.08	7.18
8400	PNL8400	1	Program Management	0.72	8.81	0.10	7.27
8400	PNL8400	1	Effluent Monitoring	0.71	9.52	0.00	7.27
8400	PNL8400	1	NEPA Compliance Program	0.30	9.82	0.00	7.27
8400	PNL8400	1	Pollution Prevention Program	0.21	10.03	0.00	7.27
8400	PNL8400	1	RMW Storage Tank Inspection (PNL)	1.27	11.30	0.00	7.27
			Minimum Base Safe / Decrement 2		11.30		7.27
8400	PNL8400	2D	324 Bldg B-Cell Safety Cleanout	2.57	13.87	0.00	7.27
			Decrement 1		13.87		7.27
8400	PNL8400	2D	324 Bldg B-Cell Safety Cleanout	0.20	14.07	2.38	9.65
8400	PNL8400	1	Waste Mgmt Operations	0.00	14.07	0.00	9.65
8400	PNL8400	1	Program Management	0.00	14.07	0.02	9.67
8400	PNL8400	1	324 Bldg Hot Cell Facility Surveillance & Maintenance	0.00	14.07	0.00	9.67
8400	PNL8400	1	325 Bldg Surveillance and Maintenance	0.31	14.38	0.00	9.67
8400	PNL8400	1	Waste Mgmt Operations	0.28	14.66	0.00	9.67
			Integrated Target Case		14.66		9.67
8400	PNL8400	1	Program Management	0.00	14.66	0.63	10.30
8400	PNL8400	1	Pollution Prevention Program	0.00	14.66	0.21	10.51
8400	PNL8400	1	RMW Storage Tank Inspection (PNL)	0.00	14.66	0.95	11.45
8400	PNL8400	1	324 Bldg Hot Cell Facility Surveillance & Maintenance	0.00	14.66	0.08	11.53
8400	PNL8400	1	325 Bldg Surveillance and Maintenance	0.00	14.66	0.45	11.98
8400	PNL8400	1	Waste Mgmt Operations	0.09	14.75	0.39	12.37
8400	PNL8400	1	Effluent Monitoring	1.45	16.20	2.17	14.54
8400	PNL8400	1	NEPA Compliance Program	0.00	16.20	0.30	14.84
8400	PNL8400	1	Facilities, Industrial Hygiene & Safety (Asbestos Surv	0.02	16.22	0.00	14.85
8400	PNL8400	1	Refrigerant Replacement Program (Survey)	0.12	16.35	0.02	14.86
8400	PNL8400	5A	CsCl Legacy Safety Program	1.36	17.71	0.00	14.86
8400	PNL8400	7B	Essential ES&H Drawings	0.33	18.03	0.33	15.19
8400	PNL8400	7B	Facilities, Industrial Hygiene & Safety (Asbestos Abat	0.20	18.23	0.12	15.30
8400	PNL8400	7B	Waste Mgmt Operations (Legacy Waste Cleanout)	0.54	18.77	0.44	15.74
8400	PNL8400	7B	Pollution Prevention Program	0.33	19.09	0.33	16.07
8400	PNL8400	7B	324 Bldg Hot Cell Facility Surveillance & Maintenance	0.14	19.23	0.29	16.36
8400	PNL8400	7B	Effluent Monitoring	1.96	21.19	1.31	17.67
8400	PNL8400	7B	Refrigerant Replacement Program	0.28	21.47	0.28	17.95
8400	PNL8400	7B	NEPA Compliance Program	0.14	21.60	0.14	18.09
8400	PNL8400	7B	Stds/Req'mnts Identif. Doc's (S/RIDS)	0.00	21.60	3.37	21.47
			Planning Case		21.60		21.47

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ADS Number	Program Name	Hanford Amplified Priority	Workscope Title	FY 1996	Cum. FY 1996	FY 1997	Cum. FY 1997
8410	PNL8410	1	324 Bldg Hot Cell Facility Surveillance & Maintenance	1.68	1.68	2.20	2.20
8410	PNL8410	1	327 Bldg Surv & Min	1.34	3.02	1.37	3.57
8410	PNL8410	1	CsCl Legacy Safety Program (S&M only)	0.00	3.02	0.15	3.72
8410	PNL8410	1	PNL EM RCRA Compliance	0.00	3.02	0.00	3.72
8410	PNL8410	1	327 Bldg Surv & Min	0.08	3.10	0.07	3.79
			Minimum Base Safe Operations		3.10		3.79
8410	PNL8410	2D	324 Bldg B-Cell Safety Cleanout	9.34	12.43	8.11	11.89
			Integrated Target Case		12.43		11.89
8410	PNL8410	2D	324 Bldg B-Cell Safety Cleanout	0.00	12.43	1.00	12.89
8410	PNL8410	2D	B-Cell Cleanout Acceleration	2.00	14.43	2.00	14.89
8410	PNL8410	5A	CsCl Legacy Safety Program	1.36	15.79	1.21	16.10
8410	PNL8410	5A	Plutonium Vulnerability	0.33	16.12	0.24	16.33
8410	PNL8410	5A	Facility Consolidation	1.01	17.13	1.00	17.33
8410	PNL8410	7B	Safety Analysis Report (SAR) Development	3.33	20.46	2.32	19.65
			Planning Case		20.46		19.65

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ADS Number	Program Name	Hanford Amplified Priority	Workscope Title	FY 1996	Cum. FY 1996	FY 1997	Cum. FY 1997
8500	PNL8500	1	Farfield Environmental Surveillance	2.20	2.20	1.86	1.86
8500	PNL8500	1	Groundwater Surveillance - Min. Safe	2.20	4.40	1.85	3.71
8500	PNL8500	1	Meteorological and Climatological - Weekdays	1.20	5.60	1.00	4.71
8500	PNL8500	1	Ecosystem Management	0.27	5.87	0.22	4.93
8500	PNL8500	1	Environmental Oversight	0.24	6.11	0.21	5.14
8500	PNL8500	1	Dose Coordination	0.03	6.14	0.03	5.17
8500	PNL8500	1	Program Management	0.98	7.12	0.66	5.63
			Minimum Base Safe Operations / Decrement 2		7.12		5.83
8500	PNL8500	1	Cultural Resources Regulatory Compliance	0.49	7.61	0.46	6.28
8500	PNL8500	1	Ecological Compliance Surveys	0.38	7.98	0.35	6.63
8500	PNL8500	1	Program Management	0.23	8.21	0.20	6.84
			Integrated Target Case		8.21		6.84
8500	PNL8500	4C	Cultural Surveys and Documentation	1.20	9.41	1.20	8.03
8500	PNL8500	4C	Ecological Compliance Reviews	0.31	9.72	0.35	8.39
8500	PNL8500	4C	Program Management - Plan	0.16	9.88	0.31	8.70
8500	PNL8500	7B	Env., Groundwater and Met. Monitoring - Plan	4.65	14.52	6.32	15.02
			Planning Case		14.52		15.02

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7250	P & I	7H	Risk Assessment Support to RDS	0.05	0.05	0.05	0.05
7250	P & I	7H	Prioritization Methods and Application	0.15	0.21	0.15	0.21
7250	P & I	7H	FY96 Hanford Strategic Plan Input	0.05	0.27	0.05	0.27
7250	P & I	7H	Strategic Plan Implementation Support	0.05	0.33	0.05	0.33
7250	P & I	7H	Final FY96 Mission Direction Document	0.07	0.41	0.07	0.41
7250	P & I	7H	WBS Maintenance (MVT)	0.04	0.45	0.04	0.45
7250	P & I	7H	CMM Maintenance	0.18	0.63	0.18	0.63
7250	P & I	7H	Level 0	0.03	0.66	0.03	0.66
7250	P & I	7H	Performance, Analysis, & Reporting	0.55	1.21	0.55	1.21
7250	P & I	7H	PP Guidance & Workshops	0.16	1.37	0.16	1.37
7250	P & I	7H	Draft MYPP Preparation Support	0.06	1.43	0.06	1.43
7250	P & I	7H	RL Validation Support	0.03	1.46	0.03	1.46
7250	P & I	7H	Analysis of Direct/Indirect Program Staffing	0.04	1.50	0.04	1.50
7250	P & I	7H	Priority List Development	0.04	1.54	0.04	1.54
7250	P & I	7H	ADS Preparation & Submittal	0.31	1.85	0.31	1.85
7250	P & I	7H	Mission Integration/Deployment Analysis	0.43	2.27	0.43	2.27
7250	P & I	7H	Risk Analysis of the Hanford Mission	0.46	2.73	0.46	2.73
7250	P & I	7H	Land Use Risk Analysis	0.34	3.08	0.34	3.08
7250	P & I	7H	Final FY96 BEMR Input	0.17	3.25	0.17	3.25
7250	P & I	7H	Program Performance Reports & Summary	0.28	3.53	0.28	3.53
7250	P & I	7H	Hanford Site Perf. Smry. Rpt & Site Base	0.03	3.55	0.03	3.55
7250	P & I	7H	Change Control Administration	0.15	3.70	0.15	3.70
7250	P & I	7H	PTS Reports	0.30	4.00	0.57	4.28
7250	P & I	7H	Risk Integration	0.00	4.00	0.05	4.32
7250	P & I	7H	Retrieval/Disposal Policy	0.00	4.00	0.06	4.38
7250	P & I	7H	Cost-Risk-Benefit Analysis	0.00	4.00	0.07	4.45
7250	P & I	7H	Risk Management Administration	0.00	4.00	0.03	4.48
7250	P & I	7H	Integrated Management Systems	0.00	4.00	0.03	4.52
7250	P & I	7H	Management Systems Documentation	0.00	4.00	0.21	4.72
7250	P & I	7H	Management Systems Training	0.00	4.00	0.02	4.74
7250	P & I	7H	Business Management Assessment	0.00	4.00	0.02	4.76
7250	P & I	7H	PARS Maintenance	0.00	4.00	0.05	4.83
7250	P & I	7H	EPDS Platform Maintenance	0.00	4.00	0.13	4.96
7250	P & I	7H	Connect EPDS/New Computer Systems	0.00	4.00	0.02	4.98
7250	P & I	7H	EPDS Support	0.00	4.00	0.33	5.31
7250	P & I	7H	Site Scheduling Maintenance	0.00	4.00	0.44	5.75
7250	P & I	7H	HSP/HMP Management	0.00	4.00	0.74	6.49
7250	P & I	7H	Administration & Management	0.00	4.00	0.12	6.61
7250	P & I	7H	FY97 MYPP 1.8.2	0.00	4.00	0.08	6.69
7250	P & I	7H	1.8.2 Program Coordination	0.00	4.00	0.10	6.79
7250	P & I	7H	1.8.2 1998 ADS 7250 Preparation	0.00	4.00	0.03	6.83
7250	P & I	7H	1.8.2 SMS/PTS Report Review	0.00	4.00	0.05	6.87
7250	P & I	7H	RDS Preparation	0.00	4.00	0.04	6.91
7250	P & I	7H	Open Material/Waste Disposition Issues	0.00	4.00	0.09	7.00
7250	P & I	7H	Draft FY97 Mission Direction Document	0.00	4.00	0.05	7.05
7250	P & I	7H	Draft FY97 Mission Performance Plan	0.00	4.00	0.17	7.22
7250	P & I	7H	Preliminary Site Risk Assessment	0.00	4.00	0.23	7.45
7250	P & I	7H	Program Planning Update Support	0.00	4.00	0.05	7.49
7250	P & I	7H	Final PP Plan Support	0.00	4.00	0.13	7.63
7250	P & I	7H	Post ADS Submittal Analysis Support	0.00	4.00	0.06	7.69
7250	P & I	7H	Department Administration & Management	0.00	4.00	0.16	7.85
7250	P & I	7H	Program Manager's Notebook	0.00	4.00	0.05	7.90
7250	P & I	7H	Final FY96 Mission Performance Plan	0.00	4.00	0.11	8.00
7250	P & I	7H	MIS Management & Integration Plan	0.00	4.00	0.14	8.14
			Decrement 2		4.00		8.14
7250	P & I	7H	PTS Reports	0.28	4.28	0.00	8.14
7250	P & I	7H	EPDS Platform Maintenance	0.13	4.41	0.00	8.14
7250	P & I	7H	HSP/HMP Management	0.74	5.15	0.00	8.14
7250	P & I	7H	FY97 MYPP 1.8.2	0.08	5.23	0.00	8.14
7250	P & I	7H	1.8.2 Program Coordination	0.10	5.33	0.00	8.14
7250	P & I	7H	1.8.2 1998 ADS 7250 Preparation	0.03	5.36	0.00	8.14
7250	P & I	7H	1.8.2 SMS/PTS Report Review	0.05	5.41	0.00	8.14

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7250	P & I	7H	Department Administration & Management	0.29	5.70	0.00	8.14
7250	P & I	7H	Risk Integration	0.05	5.75	0.00	8.14
7250	P & I	7H	Retrieval/Disposal Policy	0.06	5.80	0.00	8.14
7250	P & I	7H	Cost-Risk-Benefit Analysis	0.07	5.88	0.00	8.14
7250	P & I	7H	Risk Management Administration	0.03	5.91	0.00	8.14
7250	P & I	7H	Integrated Management Systems	0.03	5.94	0.00	8.14
7250	P & I	7H	Management Systems Documentation	0.21	6.14	0.00	8.14
7250	P & I	7H	Management Systems Training	0.02	6.16	0.00	8.14
7250	P & I	7H	Business Management Assessment	0.02	6.19	0.00	8.14
7250	P & I	7H	PARS Maintenance	0.06	6.25	0.00	8.14
7250	P & I	7H	Connect EPDS/New Computer Systems	0.02	6.27	0.00	8.14
7250	P & I	7H	EPDS Support	0.33	6.60	0.00	8.14
7250	P & I	7H	Site Scheduling Maintenance	0.44	7.04	0.00	8.14
7250	P & I	7H	Administration & Management	0.12	7.16	0.00	8.14
7250	P & I	7H	RDS Preparation	0.04	7.20	0.00	8.14
7250	P & I	7H	Open Material/Waste Disposition Issues	0.09	7.29	0.00	8.14
7250	P & I	7H	Draft FY97 Mission Direction Document	0.05	7.34	0.00	8.14
7250	P & I	7H	Draft FY97 Mission Performance Plan	0.17	7.51	0.00	8.14
7250	P & I	7H	Preliminary Site Risk Assessment	0.23	7.74	0.00	8.14
7250	P & I	7H	Program Planning Update Support	0.05	7.78	0.00	8.14
7250	P & I	7H	Final PP Plan Support	0.13	7.92	0.00	8.14
7250	P & I	7H	Post ADS Submittal Analysis Support	0.06	7.98	0.00	8.14
7250	P & I	7H	Program Manager's Notebook	0.05	8.03	0.00	8.14
7250	P & I	7H	Final FY96 Mission Performance Plan	0.11	8.13	0.00	8.14
7250	P & I	7H	MIS Management & Integration Plan	0.14	8.27	0.00	8.14
7250	P & I	7H	RL Activities	0.35	8.62	0.35	8.49
7250	P & I	7H	EM Budget Coordination	0.00	8.62	0.16	8.65
7250	P & I	7H	Draft FY97 BEMR Input	0.00	8.62	0.20	8.85
7250	P & I	7H	Management (SE)	0.29	8.91	0.29	9.14
7250	P & I	7H	Integration (SE)	0.32	9.23	0.32	9.45
7250	P & I	7H	Analysis (SE)	0.08	9.31	0.08	9.53
7250	P & I	7H	Program Manager's Notebook	0.36	9.67	0.36	9.89
7250	P & I	7H	PMC Efforts	0.02	9.69	0.02	9.91
7250	P & I	7H	Value Engineering	0.08	9.77	0.08	9.99
			Decrement 1		9.77		9.99
7250	P & I	7H	EM Budget Coordination	0.16	9.93	0.00	9.99
7250	P & I	7H	Draft FY97 BEMR Input	0.20	10.13	0.00	9.99
7250	P & I	7H	Management (SE)	0.00	10.13	0.00	9.99
7250	P & I	7H	Integration (SE)	0.00	10.13	0.00	9.99
7250	P & I	7H	Project Direction Document	0.36	10.48	0.36	10.35
7250	P & I	7H	Risk Performance Measures	0.02	10.50	0.02	10.37
7250	P & I	7H	Site Scheduling Maintenance	0.50	11.00	0.13	10.50
7250	P & I	7H	Department Administration & Management	0.00	11.00	0.00	10.50
7250	P & I	7H	1.8.2 Change Administration	0.11	11.11	0.00	10.50
7250	P & I	7H	Regulatory Risk Analysis	0.08	11.19	0.00	10.50
7250	P & I	7H	Priority List Development	0.04	11.23	0.00	10.50
7250	P & I	7H	Stakeholder Interface	0.01	11.24	0.00	10.50
7250	P & I	7H	Special Studies	0.05	11.29	0.00	10.50
7250	P & I	7H	Special Studies	0.03	11.32	0.00	10.50
7250	P & I	7H	Special Studies	0.08	11.40	0.00	10.50
7250	P & I	7H	RL Activities	0.61	12.00	0.00	10.50
			Integrated Target Case		12.00		10.50
7250	P & I	7H	Site Scheduling Maintenance	0.00	12.00	0.37	10.87
7250	P & I	7H	Department Administration & Management	0.00	12.00	0.13	11.00
7250	P & I	7H	1.8.2 Change Administration	0.00	12.00	0.11	11.11
7250	P & I	7H	Regulatory Risk Analysis	0.00	12.00	0.08	11.19
7250	P & I	7H	Priority List Development	0.00	12.00	0.04	11.22
7250	P & I	7H	Stakeholder Interface	0.00	12.00	0.01	11.23
7250	P & I	7H	Connect CMM/Site Scheduling System	0.29	12.29	0.29	11.52
7250	P & I	7H	Local PTS Enhancements	0.40	12.69	0.40	11.92
7250	P & I	7H	Open Land/Resource Transition Issues	0.09	12.78	0.09	12.01
7250	P & I	7H	Open Hazard/Risk Management Issues	0.09	12.87	0.09	12.10

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7250	P & I	7H	Mission Execution Issues	0.09	12.95	0.09	12.19
7250	P & I	7H	FY97 and Outyear Planning	0.05	13.01	0.05	12.24
7250	P & I	7H	Comparative Risk Assessment	0.05	13.06	0.05	12.29
7250	P & I	7H	Risk References	0.05	13.10	0.05	12.33
7250	P & I	7H	Risk Compendium	0.05	13.15	0.05	12.38
7250	P & I	7H	Risk Guidance for MDD	0.03	13.18	0.03	12.41
7250	P & I	7H	Perceived Risks	0.07	13.25	0.07	12.48
7250	P & I	7H	Risk Assessment for Strategy Development	0.03	13.28	0.03	12.51
7250	P & I	7H	Sensitivity Analysis	0.21	13.49	0.21	12.72
7250	P & I	7H	Special Studies	0.25	13.74	0.41	13.13
7250	P & I	7H	Reviews (SE)	0.27	14.01	0.27	13.40
7250	P & I	7H	Training	0.28	14.29	0.28	13.68
7250	P & I	7H	Policies & Standards	0.63	14.91	0.63	14.30
7250	P & I	7H	Decision Analysis	0.47	15.39	0.47	14.78
7250	P & I	7H	Modeling & Simulation	0.65	16.04	0.65	15.43
7250	P & I	7H	Special Studies	0.15	16.19	0.15	15.58
7250	P & I	7H	Change Control Module	0.13	16.32	0.13	15.71
7250	P & I	7H	Draft SSPP Preparation Support	0.06	16.38	0.06	15.77
7250	P & I	7H	Enhancement Implementation	0.07	16.45	0.07	15.84
7250	P & I	7H	Site Scheduling Release Upgrades	1.04	17.49	1.04	16.88
7250	P & I	7H	Integrated Policies & Procedures	0.19	17.67	0.19	17.06
7250	P & I	7H	300 Area Pilot Program	0.23	17.90	0.23	17.29
7250	P & I	7H	PARS Enhancements	0.05	17.95	0.05	17.34
7250	P & I	7H	Variance Module in PTS	0.13	18.08	0.13	17.47
7250	P & I	7H	ADS Enhancements	0.06	18.14	0.06	17.53
7250	P & I	7H	Tech Baseline/Site Scheduling Interface	0.01	18.14	0.01	17.53
7250	P & I	7H	Special Studies	0.15	18.29	0.15	17.68
7250	P & I	7H	RL Activities	0.21	18.50	0.82	18.50
			Planning Case		18.50		18.50

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7330	HEMP	1	Sitewide Environmental Reports Required by Regs	1.34	1.34	1.38	1.38
7330	HEMP	1	Comply with Sitewide Conditions of the RCRA Permit	1.82	3.15	1.87	3.25
7330	HEMP	1	Obtain/comply with Site Air Permit	0.66	3.81	0.68	3.93
7330	HEMP	1	Program Management	0.17	3.98	0.18	4.10
			Minimum Base Safe Operations		3.98		4.10
7330	HEMP	7G	Support regulator inspections/crosscut noncomplianc	0.64	4.62	0.46	4.56
7330	HEMP	7G	TPA Management and Negotiations	0.51	5.13	0.52	5.08
7330	HEMP	7G	Pro-rated Program Management	0.12	5.25	0.00	5.08
7330	HEMP	7G	Regulator HLAN Database Access (TPA M-35)	0.17	5.41	0.00	5.08
7330	HEMP	7G	Support RCRA Permit/map & mark pipelines	0.65	6.06	0.25	5.33
7330	HEMP	7G	Centralized NEPA coord/support/sitewide EIS	0.17	6.23	0.00	5.33
			Decrement 1		6.23		5.33
7330	HEMP	7G	Regulator HLAN/Database Access (TPA M-35)	0.00	6.23	0.17	5.50
7330	HEMP	7G	Support regulator inspections/crosscut non complianc	0.00	6.23	0.21	5.71
7330	HEMP	7G	Pro-rated Program Management	0.00	6.23	0.12	5.83
7330	HEMP	7G	Support RCRA Permit/Map & mark Pipelines	0.00	6.23	0.42	6.25
			Decrement 2		6.23		6.25
7330	HEMP	7G	Regulator HLAN/Database Access (TPA M-35)	0.00	6.23	-0.17	6.08
7330	HEMP	7G	Support regulator inspections/crosscut non complianc	0.00	6.23	-0.21	5.87
7330	HEMP	7G	Support RCRA Permit/Map & mark Pipelines	0.00	6.23	-0.42	5.45
7330	HEMP	7G	Pro-rated Program Management	0.00	6.23	-0.12	5.33
7330	HEMP	7G	TPA Management	0.15	6.38	0.00	5.33
			Integrated Target Case		6.38		5.33
7330	HEMP	7G	Support RCRA Permit/map & mark pipelines	0.00	6.38	0.42	5.75
7330	HEMP	7G	Regulator HLAN/Database Access (TPA M-35)	0.00	6.38	0.17	5.92
7330	HEMP	7G	Centralized NEPA sitewide EIS	0.22	6.60	0.23	6.14
7330	HEMP	7G	Support regulator inspections/crosscut non complianc	0.00	6.60	0.21	6.35
7330	HEMP	7G	TPA Management and Negotiations	0.15	6.75	0.31	6.66
7330	HEMP	7G	Support Strategy to reduce Government Reports	0.20	6.95	0.21	6.87
7330	HEMP	7G	Produce resource loaded schedules	0.11	7.06	0.11	6.98
7330	HEMP	7G	Pro-rated Program Management	0.00	7.06	0.12	7.10
7330	HEMP	7G	Centralized NEPA coord/support/sitewide EIS	0.00	7.06	0.18	7.27
			Planning Case		7.06		7.27

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4190-0	TRP	1	PROGRAM MANAGEMENT AND ADMINISTRATION	2.73	2.73	2.76	2.76
4190-0	TRP	1	ASSESSMENTS	4.28	7.01	4.40	7.16
4190-0	TRP	1	B PLANT/WESF TRAINING ADMINISTRATION	0.96	7.97	1.06	8.22
4190-0	TRP	1	B PLANT SAFE & COMPLIANT OPERATION	5.81	13.78	5.81	14.02
4190-0	TRP	1	B PLANT MAINTENANCE OF EQUIPMENT, SYSTE	7.54	21.31	7.52	21.54
4190-0	TRP	1	B PLANT MAINTAIN OPERATIONS & SAFETY DOC	1.24	22.55	1.10	22.64
4190-0	TRP	1	WESF SAFE & COMPLIANT OPERATION	2.45	24.99	2.52	25.15
4190-0	TRP	1	WESF MAINTENANCE OF EQUIPMENT, SYSTEMS	2.55	27.54	2.76	27.91
4190-0	TRP	1	WESF MAINTAIN OPERATIONS & SAFETY DOCU	0.77	28.32	0.73	28.64
4190-0	TRP	1	ENVIRONMENTAL COMPLIANCE	0.50	28.81	0.49	29.13
4190-0	TRP	1	COMPLIANCE	1.52	30.33	1.18	30.31
4190-0	TRP	1	Productivity Commitment	-4.02	26.31	-3.50	26.81
4190-0	TRP	1	WESF UPGRADES	0.75	27.06	0.91	27.72
4190-0	TRP	1	COMPLIANCE	0.77	27.83	0.00	27.72
4190-0	TRP	1	SAFETY CLASS VENT UPGRADE (W-059)	0.17	28.00	1.81	29.53
4190-0	TRP	1	CENRTC	0.20	28.20	0.40	29.93
			Minimum Base Safe Operations / Decrement 2		28.20		29.93
4190-0	TRP	3D	PROGRAM MANAGEMENT AND ADMINISTRATION	0.91	29.11	0.92	30.85
4190-0	TRP	3D	B PLANT/WESF TRAINING ADMINISTRATION - PR	0.32	29.43	0.35	31.20
4190-0	TRP	3D	B PLANT TRANSITION	0.06	29.48	0.06	31.26
4190-0	TRP	3D	CAPSULE DISPOSAL	0.04	29.52	0.04	31.30
4190-0	TRP	3D	WESF MAINTENANCE OF EQUIPMENT, SYSTEMS	0.28	29.81	0.31	31.60
4190-0	TRP	3D	WESF MAINTAIN OPERATIONS & SAFETY DOCU	0.09	29.89	0.08	31.68
4190-0	TRP	3D	ENVIRONMENTAL COMPLIANCE - PRORATION	0.12	30.02	0.12	31.81
4190-0	TRP	3D	COMPLIANCE - PRORATION	0.57	30.59	0.30	32.10
4190-0	TRP	3D	HAZARD REDUCTION	2.35	32.94	0.35	32.45
4190-0	TRP	3D	CENRTC	0.05	32.99	0.10	32.55
			Decrement 1		32.99		32.55
4190-0	TRP	3D	CESIUM CAPSULE RECOVERY PROGRAM	2.10	35.09	0.60	33.15
			Integrated Target Case		35.09		33.15
4190-0	TRP	3D	SYSTEM ENGINEERING	0.29	35.37	0.00	33.15
4190-0	TRP	3D	ABC ESTIMATE	0.25	35.62	0.00	33.15
4190-0	TRP	3D	B PLANT SURVEILLANCE AND MAINTENANCE	0.33	35.95	0.00	33.15
4190-0	TRP	3D	HAZARD REDUCTION	0.00	35.95	5.00	38.15
4190-0	TRP	3D	COMPLIANCE	0.11	36.05	0.00	38.15
4190-0	TRP	7A	MAPPING & MARKING	0.00	36.05	0.20	38.35
			Planning Case		36.05		38.35

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1200-0	TWRS	1	TWRS Program Management	11.40	11.40	10.50	10.50
1100	TWRS	1	200 E.Routine surveilance	6.12	17.52	6.16	16.66
1100	TWRS	1	200 E.Utilities and Services	2.11	19.63	2.30	18.96
1100	TWRS	1	200 E.Preventive Maintenance	1.62	21.24	1.70	20.66
1100	TWRS	1	200 E.Corrective Maintenance	8.00	29.24	8.30	28.96
1100	TWRS	1	200 E.Facility Operations	8.10	37.35	8.10	37.06
1100	TWRS	1	200 E.CASS/TMACS/SACS Maintenance	0.43	37.78	0.44	37.50
1100	TWRS	1	200 E. QA/QC Support	0.70	38.48	0.66	38.15
1100	TWRS	1	200 E.Industrial Health and Safety & ALARA	0.54	39.02	0.56	38.71
1100	TWRS	1	200 E. Engineering	2.27	41.29	2.20	40.90
1100	TWRS	1	200 E. OSR Implementation	0.65	41.94	0.60	41.50
1100	TWRS	1	200 E. Radiological Protection Support & ALARA	0.75	42.69	0.65	42.16
1100	TWRS	1	200 E. Configuration Management	0.81	43.50	0.90	43.05
1100	TWRS	1	200 E. Nuclear Safety Oversite'	0.43	43.93	0.27	43.33
1100	TWRS	1	200 W. Routine surveilance	4.70	48.63	4.55	47.88
1100	TWRS	1	200 W. Utilities and Services	1.58	50.21	1.73	49.61
1100	TWRS	1	200 W. Preventive Maintenance	1.24	51.45	1.29	50.90
1100	TWRS	1	200 W. Corrective Maintenance	5.47	56.92	5.87	56.77
1100	TWRS	1	200 W. Facility Operations	6.70	63.62	6.60	63.37
1100	TWRS	1	200 W. CASS/TMACS/SACS Maintenance	0.65	64.27	0.66	64.03
1100	TWRS	1	200 W. QA/QC Support	0.47	64.74	0.44	64.46
1100	TWRS	1	200 W. Industrial Health and Safety & ALARA	0.36	65.10	0.37	64.83
1100	TWRS	1	200 W. Engineering	1.86	66.96	1.80	66.64
1100	TWRS	1	200 W. OSR Implementation	0.43	67.39	0.40	67.04
1100	TWRS	1	200 W. Radiological Protection Support & ALARA	0.50	67.89	0.44	67.47
1100	TWRS	1	200 W. Configuration Management	0.54	68.43	0.60	68.07
1100	TWRS	1	200 W. Nuclear Safety Oversite'	0.29	68.72	0.18	68.25
1100	TWRS	1	Tank Farm Training	4.05	72.77	4.26	72.52
1100	TWRS	1	Tank Farm Operations & Procedures	1.08	73.85	1.18	73.70
1100	TWRS	1	Compliance Management	1.70	75.55	1.40	75.10
1100	TWRS	1	Program Element & Baseline Management	2.59	78.14	2.52	77.62
1100	TWRS	1	Planning and Administration	1.38	79.52	1.10	78.72
1100	TWRS	1	Tank Farm Security	0.16	79.68	0.10	78.82
1100	TWRS	1	Permitting and Regulatory Compliance	1.35	81.03	1.27	80.10
1100	TWRS	1	Solid Waste Shipping Support	6.50	87.53	5.46	85.56
1100	TWRS	1	DST Integrity Assessment	1.46	88.99	0.91	86.47
1100	TWRS	1	SST Emergency Pumping Preparation	1.98	90.97	0.60	87.07
1100	TWRS	1	DST Emergency Pumping Preparation	0.63	91.60	0.27	87.34
1100	TWRS	1	Criticality Engineering	0.32	91.91	0.27	87.61
1100	TWRS	1	Rad/Haz Solid Waste Characterization	2.03	93.94	2.20	89.81
1100	TWRS	1	Safety Documentation Upgrades	1.80	95.74	2.00	91.81
1130	TWRS	1	Core Sampling	17.37	113.10	15.90	107.71
1130	TWRS	1	Safety Resolution DQO Analysis	11.96	125.06	10.56	118.27
1130	TWRS	1	Safety Screen DQO Analysis	6.87	131.93	6.87	125.14
1130	TWRS	1	Vapor Sampling	4.54	136.47	4.54	129.68
1130	TWRS	1	TWRS Characterization Planning	3.73	140.20	3.73	133.41
1130	TWRS	1	Supernate Sampling	1.47	141.67	1.08	134.49
1130	TWRS	1	Compatibility DQO Analysis	0.71	142.38	0.72	135.21
1130	TWRS	1	Operations DQO Analysis	1.15	143.53	0.90	136.11
1130	TWRS	1	Historical DQO Analysis	1.82	145.35	3.21	139.32
1130	TWRS	1	Data Dissemination	0.53	145.88	0.45	139.77
1130	TWRS	1	Equipment Replacement	0.35	146.24	0.27	140.04
1130	TWRS	1	Auger Sampling	1.74	147.97	3.93	143.97
1130	TWRS	1	Riser Preparation	0.44	148.41	0.45	144.42
1130	TWRS	1	Field Sampling Readiness	0.09	148.50	0.09	144.51
1130	TWRS	1	Moisture Monitor. for Ferrocyanide Tanks	1.20	149.70	1.40	145.92
1130	TWRS	1	Moisture Monitor Engrg for Organics	0.75	150.45	0.71	146.62
1130	TWRS	1	Program Technical Integration	3.19	153.64	3.19	149.81
1130	TWRS	1	Data Definition Support	0.71	154.35	0.72	150.53
1130	TWRS	1	Historical Data Development - LANL	1.68	156.03	1.04	151.57
1130	TWRS	1	Historical Data Development - ICH KH	1.60	157.63	0.45	152.02
1130	TWRS	1	Data Access Improvements	0.71	158.34	0.63	152.65

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1130	TWRS	1	Data Evaluation and Report Activity Program Manage	0.09	158.43	0.09	152.74
1130	TWRS	1	222-S Lab Upgrades/LIMS	2.65	161.08	0.00	152.74
1130	TWRS	1	Analytical Procedures Develop - WHC	0.44	161.53	0.45	153.19
1130	TWRS	1	Tank Characterization Reports (TCRs)	2.57	164.10	3.15	156.34
1130	TWRS	1	Data Definition and Planning	0.27	164.36	0.18	156.52
1130	TWRS	1	Field Sampling and Measure Activity Prog Mgmt	1.60	165.96	1.62	158.14
1130	TWRS	1	Program Oversight	1.21	167.16	1.21	159.35
			Minimum Base Safe Operations		167.16		159.35
1110	TWRS	2A	Resolution of High Heat Tank C-106 SI (M-40-05 / SI-	0.40	167.56	0.28	159.63
1110	TWRS	2A	PNL Engineering Services for Mitigation	1.75	169.31	2.55	162.18
1110	TWRS	2A	Provide Field Support for Flammable Gas Tanks	1.87	171.18	1.56	163.75
1110	TWRS	2A	AEU Turnover of Flammable Gas Equipment	0.45	171.63	0.36	164.11
1110	TWRS	2A	Install Gas Monitors & SHMS's in Flammable Gas Ta	4.01	175.64	0.50	164.61
1110	TWRS	2A	LANL Engineering Services of Mitigation	0.28	175.92	0.29	164.89
1110	TWRS	2A	Study Gas Reaction for Flammable Gas (LANL)	0.39	176.31	0.10	164.99
1110	TWRS	2A	Characterize Organic in Flammable Gas	0.21	176.52	0.00	164.99
1110	TWRS	2A	Close USQs for Flammable Gas Tanks (SI-2l / M-40-0	1.44	177.96	1.18	166.17
1110	TWRS	2A	Develop Retained Gas Sampler for Flammable Gas	0.24	178.20	0.14	166.32
1110	TWRS	2A	Program Management	4.45	182.64	4.55	170.87
1110	TWRS	2A	Quality Assurance/Quality Control	2.24	184.88	2.30	173.18
1110	TWRS	2A	Safety Issue Resolution Support	1.27	186.15	1.63	174.80
1110	TWRS	2A	Organic Technology Studies	1.64	187.79	0.95	175.75
1110	TWRS	2A	PNL Program Management	0.74	188.54	0.76	176.51
1110	TWRS	2A	Install AW Farm Ventilation Upgrades (SI-2f / SI-2k)	0.93	189.46	0.00	176.51
1110	TWRS	2A	VDDT Removal	0.45	189.91	0.00	176.51
1110	TWRS	2A	Perform Waste Behavior Modeling for Flammable Gas	1.47	191.38	1.04	177.55
1110	TWRS	2A	Resolve Safety Issues for Ferrocyanide Tanks	1.84	193.22	1.51	179.07
1110	TWRS	2A	Vapor Space Monitoring for Flammable Gas (M-40-0/	0.86	194.08	0.77	179.84
1110	TWRS	2A	Install Temperature Upgrades in Flammable Gas Tan	0.97	195.05	0.53	180.37
1110	TWRS	2A	Install Video System Upgrades in Flammable Gas Ta	0.63	195.68	0.00	180.37
1110	TWRS	2A	Evaluate Waste Behavior of Flammable Gas Tanks	1.12	196.80	1.41	181.78
1110	TWRS	2A	Study Gas Retention Mechanisms for Flammable Gas	0.58	197.38	0.35	182.14
1110	TWRS	2A	Monitor Flammable Gas In SY 101/SY-103/AW-101	1.00	198.38	0.03	182.17
1110	TWRS	2A	Safety Screening Logic/Risk Assessment	1.80	200.18	2.25	184.42
1110	TWRS	2A	Portable Exhauster for Flammable Gas Tanks SSTs	0.40	200.57	0.00	184.42
1110	TWRS	2A	Resolve Organic SI/USQ	0.65	201.22	0.35	184.77
1110	TWRS	2A	Organic Studies (PNL)	2.23	203.45	1.25	186.02
1110	TWRS	2A	Ammonia Upgrades for Safety Basis	0.58	204.02	0.19	186.21
1110	TWRS	2A	Provide Moisture Monitoring for Organic Tanks	7.08	211.10	17.91	204.12
1110	TWRS	2A	Fabricate a Mitigation / Retrieval Pump for SY-101 (S	2.00	213.10	0.24	204.36
1110	TWRS	2A	Measure Gas Void/Viscosity/GCS @ AW-101, SY-10	1.87	214.97	0.65	205.01
1110	TWRS	2A	Study Gas Generation Mechanisms for Flammable G	0.65	215.64	0.27	205.28
1120	TWRS	2A	Compressed Air Systems -- SI 4b35 / Change Trailer	0.00	215.64	0.00	205.28
1120	TWRS	2A	Field Verify Essential Drawings -- SI 4c42	1.97	217.60	0.27	205.55
1120	TWRS	2A	Alarm Panel Upgrades and 701 MCC -- SI 4a34	1.44	219.04	1.00	206.55
1130	TWRS	2A	Vapor/Auger/Scoop sampling of MUSTs	0.47	219.51	0.47	207.02
1210-0	TWRS	2A	106-C Sluicing Operations	0.00	219.51	4.10	211.12
1210-0	TWRS	2A	Program Management	0.19	219.70	0.19	211.32
1210-4	TWRS	2A	W-320 106-C Sluicing	18.73	238.44	0.20	211.52
1100	TWRS	4B	SST Intrusion Prevention	1.13	239.56	0.60	212.11
1100	TWRS	4B	Vadose Zone Monitoring	2.70	242.26	1.46	213.57
1100	TWRS	4B	Environmental Engineering & Clean-up	3.72	245.98	3.54	217.11
1100	TWRS	4B	SST Interim Stabilization	8.42	254.40	7.80	224.91
1100	TWRS	4B	SST Monitoring Improvements	0.93	255.33	0.74	225.65
1100	TWRS	4B	SST Stabilization Program Support	2.76	258.09	3.10	228.75
1100	TWRS	4B	SST Emergency Pumping	1.00	259.09	1.00	229.75
1100	TWRS	4B	242A, AW/AP Tank Farm, Preventative Maintenance	0.57	259.66	0.64	230.38
1100	TWRS	4B	242A, AW/AP Tank Farm, Base Operations	2.75	262.41	2.29	232.67
1100	TWRS	4B	242A, AW/AP Tank Farm, Utilities & Services	2.25	264.67	1.73	234.40
1100	TWRS	4B	242A, AW/AP Tank Farm, Engineering Analysis	3.48	268.15	2.00	236.40
1100	TWRS	4B	242A, AW/AP Tank Farm, Corrective Maintenance	1.98	270.13	2.33	238.73
1100	TWRS	4B	242A, AW/AP Tank Farm, Routine Surveilance	2.07	272.20	2.00	240.73

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1130	TWRS	4B	Hot Cell Instrument Development	0.44	272.64	0.36	241.09
1130	TWRS	4B	TCAP Improvements (Program Mgmt and Admin)	0.27	272.91	0.18	241.27
1130	TWRS	4B	PNL Mgmt/QA Support (Program Mgmt and Admin)	0.44	273.35	0.18	241.45
1130	TWRS	4B	Analy Integ Acty Prgm Mgmt	0.53	273.88	0.54	241.99
1130	TWRS	4B	Tech Develop and Appl Eng Acty Prog Mgmt	1.86	275.74	0.90	242.89
1130	TWRS	4B	In-Situ Methods Development	0.58	276.33	0.63	243.52
1130	TWRS	4B	Field Sampling Improvements	0.98	277.30	0.90	244.42
1200-0	TWRS	4C	TWRS Technical Baseline Development	4.50	281.80	3.50	247.92
1200-0	TWRS	4C	TWRS ESH & QA	4.90	286.70	4.00	251.92
1200-0	TWRS	4C	Program Management	0.00	286.70	2.30	254.22
1200-0	TWRS	4C	Environmental Impact Statement	0.80	287.50	0.30	254.52
1200-0	TWRS	4C	TWRS Communications	1.00	288.50	1.00	255.52
1200-0	TWRS	4C	Baseline Verification	1.00	289.50	1.00	256.52
1200-0	TWRS	4C	Training and Qualification	0.00	289.50	0.00	256.52
1200-0	TWRS	4C	Information Reserve Management	1.20	290.70	0.50	257.02
1200-0	TWRS	4C	PNL-TDPO & Program Management	0.70	291.40	0.50	257.52
1200-0	TWRS	4C	Systems Engineering Infrastructure	2.50	293.90	2.50	260.02
1120	TWRS	4C	Configuration Management	0.00	293.90	0.00	260.02
1120	TWRS	4C	W-030 AY/AZ Primary Ventilation (TPA M-43-01)	2.71	296.61	0.59	260.61
1120	TWRS	4C	TMACS	3.81	300.42	0.01	260.62
1120	TWRS	4C	W-058 Cross-Site Transfer System (TPA M-43-07)	20.74	321.16	9.20	269.82
1120	TWRS	4C	W-314 Restoration and Safe Operations MSA	0.00	321.16	0.00	269.82
1120	TWRS	4C	Upgrade Operating Procedures for Major Maintenanc	0.99	322.15	0.00	269.82
1120	TWRS	4C	Engineered Tank Farm Hardware	2.23	324.39	0.02	269.84
1120	TWRS	4C	GPP Definition (Project Management and Systems En	4.15	328.53	0.00	269.84
1120	TWRS	4C	Technical Integration	2.27	330.80	1.91	271.75
1120	TWRS	4C	Long Length Contaminated Equip Disposal	3.46	334.26	0.04	271.79
1120	TWRS	4C	Resolve Site Electrical Assessment Issues	0.00	334.26	0.00	271.79
1120	TWRS	4C	DST Qualification Life Extension (TPA M-32-04)	1.24	335.50	0.92	272.70
1200-0	TWRS	4C	DOE-RL Support	0.00	335.50	0.00	272.70
1210-0	TWRS	4E	Closure	0.25	335.74	0.21	272.91
1210-0	TWRS	4E	System Def - SST	4.56	340.30	4.65	277.55
1210-0	TWRS	4E	Program Management	0.00	340.30	1.06	278.62
1210-0	TWRS	4E	W-314, Scope Transfer from	0.00	340.30	1.60	280.22
1210-0	TWRS	4E	Tech Dev/Appl Eng - DST	0.86	341.16	1.88	282.09
1210-0	TWRS	4E	Tech Dev/App Eng - SST	0.00	341.16	0.00	282.09
1210-0	TWRS	4E	System Def - DST	0.03	341.19	1.71	283.80
1210-0	TWRS	4E	Project Definition/SE	0.04	341.23	2.52	286.32
1210-0	TWRS	4E	Tech Dev/App Eng - DST	0.18	341.41	0.00	286.32
1210-0	TWRS	4E	Leak Detection	0.60	342.01	2.19	288.51
1210-2	TWRS	4E	W-151 101 AZ Retrieval	0.50	342.51	0.00	288.51
1230	TWRS	4E	Termination Cost	3.20	345.71	0.00	288.51
1230	TWRS	4E	Program Management	0.30	346.01	0.30	288.81
1250	TWRS	4E	Program Management	0.30	346.31	0.30	289.11
1240	TWRS	4F	Program Management	0.30	346.61	0.30	289.41
1240	TWRS	4F	Termination Costs	2.30	348.91	0.00	289.41
1290	TWRS	4Z	Phase I/II Privatization Support	0.00	348.91	0.00	289.41
			Decrement 2		348.91		289.41
1110	TWRS	2A	Equipment Design/Fab for C-103 Organic layer Remo	1.20	350.11	1.27	290.68
1100	TWRS	4B	242A, AW/AP Tank Farm, Engineering Analysis	0.00	350.11	1.20	291.88
1120	TWRS	4C	W-314 Restoration and Safe Operations MSA	0.00	350.11	14.70	306.58
1200-0	TWRS	4C	Systems Engineering Infrastructure	1.00	351.11	1.00	307.58
1200-0	TWRS	4C	Program Management	3.00	354.11	0.00	307.58
1200-0	TWRS	4C	Environmental Impact Statement	3.00	357.11	0.00	307.58
1200-0	TWRS	4C	Training & Qualification	0.50	357.61	0.60	308.18
1200-0	TWRS	4C	TWRS Communications	0.60	358.21	0.50	308.68
1200-0	TWRS	4C	TDPO Support	0.50	358.71	0.00	308.68
1200-0	TWRS	4C	Management Reserve	0.00	358.71	2.24	310.92
1120	TWRS	4C	W-314 Restoration and Safe Operations MSA	14.98	373.68	0.00	310.92
1200-0	TWRS	4C	DOE-RL Support	5.40	379.08	4.10	315.02
1210-0	TWRS	4E	W-314, Scope Transfer from	1.00	380.08	0.00	315.02
1210-0	TWRS	4E	Program Management	1.33	381.41	0.00	315.02

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1210-3	TWRS	4E	W-211 Initial DST Retrieval	13.68	395.09	13.20	328.22
1230	TWRS	4E	Project Definition/SE	0.00	395.09	0.03	328.25
1230	TWRS	4E	Business Plans	0.00	395.09	0.26	328.51
1230	TWRS	4E	Strategy Documents	0.00	395.09	0.01	328.51
1230	TWRS	4E	Prepare LLW PA	0.00	395.09	3.21	331.73
1230	TWRS	4E	Public Involvement	0.00	395.09	0.01	331.74
1230	TWRS	4E	Program Management	0.00	395.09	0.10	331.84
1230	TWRS	4E	Oversight & Planning	0.00	395.09	0.30	332.14
1230	TWRS	4E	Formulation/Matl. Characterization	0.00	395.09	1.82	333.95
1210-0	TWRS	4E	Program Management	0.64	395.73	0.50	334.45
1210-0	TWRS	4E	System Def - DST	0.40	396.13	0.60	335.05
1210-0	TWRS	4E	DST Tech Devel/AE	2.00	398.13	0.00	335.05
1210-0	TWRS	4E	SST Tech Devel/AE	2.00	400.13	0.00	335.05
1210-0	TWRS	4E	Closure	0.16	400.29	0.15	335.20
1210-0	TWRS	4E	Project Definition/SE	1.80	402.09	0.00	335.20
1230	TWRS	4E	Strategy Documents	0.01	402.10	0.00	335.20
1230	TWRS	4E	Public Involvement	0.01	402.11	0.00	335.20
1230	TWRS	4E	Program Management	0.10	402.21	0.00	335.20
1230	TWRS	4E	LLW Compliance	0.50	402.71	0.00	335.20
1230	TWRS	4E	Oversight & Planning	0.30	403.01	0.00	335.20
1230	TWRS	4E	Prepare LLW PA	1.48	404.49	1.65	336.85
1230	TWRS	4E	LLW Compliance	0.00	404.49	0.35	337.20
1230	TWRS	4E	Project Definition/SE	0.03	404.51	0.00	337.20
1230	TWRS	4E	Formulation/Matl. Characterization	1.82	406.33	0.00	337.20
1230	TWRS	4E	Business Plans	0.26	406.59	0.00	337.20
1250	TWRS	4E	Site Infrastructure - LLW	1.00	407.59	0.20	337.40
1250	TWRS	4E	Disposal - LLW	0.10	407.69	0.35	337.75
1250	TWRS	4E	Interim Storage - LLW	0.78	408.47	0.10	337.85
1250	TWRS	4E	Disposal Systems - LLW	1.16	409.63	1.85	339.70
1250	TWRS	4E	Disposal Systems - HLW	1.02	410.65	1.25	340.95
1250	TWRS	4E	Operations of Interim Storage - LLW	0.02	410.67	0.10	341.05
1250	TWRS	4E	Interim Storage - HLW	0.92	411.59	1.15	342.20
1250	TWRS	4E	Prod. Quality/Misc Tech. - LLW	2.10	413.69	2.10	344.30
1240	TWRS	4F	High Lvl Pretrt Melter Feed, Capabilities, Waste Loadi	0.00	413.69	3.70	348.00
1240	TWRS	4F	High Lvl Pretrt Melter Feed, Capabilities, Waste Loadi	2.40	416.09	1.00	349.00
1290	TWRS	4Z	Phase I/II Privatization Support	33.50	449.59	87.00	436.00
			Decrement 1		449.59		436.00
1110	TWRS	2A	Monitor Flammable Gas In SY 101/SY-103/AW-101	0.00	449.59	1.30	437.30
1200-0	TWRS	4C	Program Management	0.00	449.59	0.70	438.00
1120	TWRS	4C	TMACS	0.00	449.59	3.10	441.10
1120	TWRS	4C	Engineered Tank Farm Hardware	0.00	449.59	1.80	442.90
1120	TWRS	4C	GPP Definition (Project Management and Systems En	0.00	449.59	3.00	445.90
1120	TWRS	4C	Long Length Contaminated Equip Disposal	0.00	449.59	1.10	447.00
1290	TWRS	4Z	Phase I/II Privatization Support	52.30	501.89	53.00	500.00
1120	TWRS	4C	W-028 Aging Waste Transfer Line	2.61	504.50	0.00	500.00
			Integrated Target Case		504.50		500.00
1130	TWRS	2A	Core Sampling	8.50	513.00	9.32	509.32
1130	TWRS	2A	Operations DQO Analysis	0.95	513.95	0.90	510.22
1130	TWRS	2A	Historical Data Development - LANL	1.60	515.55	1.50	511.72
1130	TWRS	2A	Data Definition Support	-1.58	513.97	0.16	511.88
1130	TWRS	2A	Program Technical Integration	0.38	514.35	0.38	512.26
1130	TWRS	2A	Moisture Monitor Engrg for Organics	0.10	514.45	0.04	512.30
1130	TWRS	2A	Field Sampling Readiness	-3.42	511.03	0.01	512.31
1130	TWRS	2A	Riser Preparation	-4.90	506.13	0.05	512.36
1130	TWRS	2A	Data Access Improvements	2.53	508.66	0.27	512.63
1130	TWRS	2A	Equipment Replacement	1.97	510.63	2.06	514.69
1130	TWRS	2A	Data Evaluation and Report Activity Program Manage	-0.66	509.97	0.11	514.80
1130	TWRS	2A	Compatibility DQO Analysis	0.84	510.81	0.38	515.18
1130	TWRS	2A	Supernate Sampling	0.30	511.11	0.25	515.43
1130	TWRS	2A	Off-Site Repackaging/Shipping	0.10	511.21	0.10	515.53
1130	TWRS	2A	Auger Sampling	7.40	518.61	7.13	522.65
1130	TWRS	2A	Safety Resolution DQO Analysis	5.02	523.63	5.09	527.74

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Hanford Amplified Priority List

Waste Management - Programmatic

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ADS Number	Program Name	Hanford Amplified Priority	Workscope Title	FY 1996	Cum. FY 1996	FY 1997	Cum. FY 1997
1130	TWRS	2A	Safety Scree DQO Analysis	3.57	527.20	3.57	531.31
1130	TWRS	2A	Historical Data Development - ICH KH	1.20	528.40	1.15	532.46
1130	TWRS	2A	TWRS Characterization Planning	1.20	529.60	1.15	533.61
1130	TWRS	2A	Field Sampling and Measure Activity Prog Mgmt	0.03	529.62	0.00	533.61
1130	TWRS	2A	Vapor Sampling	0.01	529.63	0.00	533.61
1130	TWRS	2A	Analytical Procedures Develop - WHC	0.29	529.92	0.05	533.66
1130	TWRS	2A	Data Dissemination	2.02	531.94	0.15	533.81
1130	TWRS	2A	Data Definition and Planning	0.53	532.47	0.52	534.33
1130	TWRS	2A	Tank Characterization Reports (TCRs)	2.16	534.63	2.08	536.40
1100	TWRS	4B	Vadose Zone Monitoring Improvements	0.52	535.15	0.74	537.14
1100	TWRS	4B	SST Stabilization	2.46	537.61	1.07	538.21
1100	TWRS	4B	242-A Evaporator	3.34	540.95	1.92	540.13
1130	TWRS	4B	Hot Cell Instrument Development	0.46	541.41	0.44	540.57
1130	TWRS	4B	Vapor/Auger/Scoop sampling of MUSTs	0.39	541.80	0.29	540.85
1130	TWRS	4B	TCAP Improvements (Program Mgmt and Admin)	0.10	541.90	0.09	540.94
1130	TWRS	4B	PNL Mgmt/QA Support (Program Mgmt and Admin)	0.30	542.20	0.26	541.20
1130	TWRS	4B	Tech Develop and Appl Eng Acty Prog Mgmt	1.00	543.20	0.96	542.16
1130	TWRS	4B	Field Sampling Improvements	4.07	547.26	3.80	545.96
1130	TWRS	4B	Analy Integ Acty Prgm Mgmt	3.25	550.51	0.06	546.02
1130	TWRS	4B	Disposal DQO Analysis	0.50	551.01	0.50	546.52
1130	TWRS	4B	In-Situ Methods Development	0.00	551.01	0.00	546.52
1200-0	TWRS	4C	TWRS Systems Engineering	2.65	553.66	4.02	550.54
1200-0	TWRS	4C	DOE-RL Support	1.30	555.16	2.37	552.91
1200-0	TWRS	4C	PNL TDPO Program Management	5.27	560.43	5.92	558.83
1200-0	TWRS	4C	Environmental Impact Statement	0.78	561.20	1.67	560.50
1200-0	TWRS	4C	Information Reserve Management	0.22	561.42	1.38	561.88
1200-0	TWRS	4C	TWRS ESH & QA	0.95	562.37	1.81	563.69
1120	TWRS	4C	Compressed Air Systems – SI 4b35 / Change Trailer	0.60	562.97	1.20	564.89
1120	TWRS	4C	W-314 Restoration and Safe Operations MSA	0.00	562.97	11.00	575.89
1210-0	TWRS	4E	Project Definition/SE	0.80	563.78	0.00	575.89
1210-0	TWRS	4E	System Def - DST	4.50	568.27	0.00	575.89
1210-0	TWRS	4E	Leak Detection	1.29	569.57	0.00	575.89
1210-0	TWRS	4E	Tech Dev/App Eng - SST	3.70	573.27	2.15	578.04
1210-0	TWRS	4E	Tech Dev/App Eng - DST	0.38	573.65	0.10	578.14
1210-0	TWRS	4E	System Def - SST	9.05	582.70	12.41	590.55
1210-0	TWRS	4E	Tech Dev/Appl Eng - DST	1.74	584.44	0.00	590.55
1210-0	TWRS	4E	Barriers	11.31	595.75	0.13	590.68
1210-0	TWRS	4E	Closure	0.00	595.75	0.05	590.73
1210-0	TWRS	4E	Program Management	0.03	595.79	0.00	590.73
1210-3	TWRS	4E	W-211 Initial DST Retrieval	4.20	599.99	8.66	599.39
1230	TWRS	4E	Techetium (Strontium Separations	1.70	601.69	1.70	601.09
1230	TWRS	4E	LLW High Capacity Melter	6.60	608.29	6.60	607.69
1230	TWRS	4E	Grout Facilities	0.49	608.77	0.30	607.99
1230	TWRS	4E	Prepare LLW PA	4.62	613.39	1.84	609.83
1240	TWRS	4F	Enhanced Sludge Washing/Leaching/Solid-Liquid Sep	3.20	616.59	3.20	613.03
1240	TWRS	4F	HLW High Capacity Melter	3.50	620.09	3.50	616.53
1240	TWRS	4F	High Lvl Pretrt Melter Feed Capabilities, Waste Loadi	2.30	622.39	0.00	616.53
1290	TWRS	4Z	PNL Privatization Study Support	10.00	632.39	0.00	616.53
1100	TWRS	4Z	Safety Issue Resolutions	5.85	638.24	5.62	622.15
1100	TWRS	4Z	Envirnmt'l Clean Up and Corrective Activities	4.61	642.84	4.13	626.28
1100	TWRS	4Z	200 West Clean-Up and Transition Activities	5.10	647.94	7.25	633.54
1100	TWRS	4Z	Tank Farm Training and Procedures	1.16	649.10	1.50	635.03
1100	TWRS	4Z	Tank Farm Project Monitoring and Control	1.25	650.36	2.06	637.09
1100	TWRS	4Z	200 East Clean-Up and Transition Activities	6.92	657.28	8.31	645.40
1120	TWRS	4Z	Technical Integration	0.00	657.28	2.83	648.23
1120	TWRS	4Z	Long Length Contaminated Equip Disposal	0.00	657.28	4.68	652.91
1120	TWRS	4Z	Alarm Panel Upgrades and 701 MCC – SI 4a34	0.00	657.28	0.52	653.43
1120	TWRS	4Z	Resolve Site Electrical Assessment Issues	2.60	659.88	0.43	653.86
1120	TWRS	4Z	DST Qualification Life Extension (TPA M-32-04)	0.00	659.88	0.66	654.52
1120	TWRS	4Z	TMACS	2.40	662.28	6.59	661.11
1120	TWRS	4Z	Upgrade Operating Procedures for Major Maintenanc	0.00	662.28	0.48	661.58
1120	TWRS	4Z	Program Management	-0.40	661.88	0.00	661.58

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Hanford Amplified Priority List

Facilities Transition - Programmatic

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ADS Number	Program Name	Hanford Amplified Priority	Workscope Title	FY 1996	Cum. FY 1996	FY 1997	Cum. FY 1997
6624	TRP60	1	CORRECTIVE MAINTENANCE	6.761	6.761	6.965	6.965
6624	TRP60	1	PREVENTATIVE MAINTENANCE	1.757	8.518	1.810	8.775
6624	TRP60	1	NUCLEAR PROCESS/RADIATION SURVEILLANCE	1.721	10.239	1.773	10.548
6624	TRP60	1	VENTILATION/POWER SURVEILLANCES	0.894	11.133	0.921	11.469
6624	TRP60	1	SAFETY BOUNDARY & EMERGENCY PLANNING A	2.196	13.329	2.262	13.731
6624	TRP60	1	PROCEDURE MAINTENANCE	0.574	13.903	0.591	14.322
6624	TRP60	1	PLANT SPECIFIC SUPPORT	3.275	17.178	3.373	17.695
6624	TRP60	1	PFP SURVEILLANCE & MAINTENANCE PROJECT	3.685	20.863	3.796	21.491
6624	TRP60	1	FACILITY MODIFICATIONS FOR MINIMUM SURVEI	1.411	22.274	1.453	22.944
6624	TRP60	1	SNM INVENTORIES	0.490	22.764	0.505	23.449
6624	TRP60	1	CORRECTIVE MAINTENANCE	0.340	23.104	0.350	23.799
6624	TRP60	1	PREVENTATIVE MAINTENANCE	0.548	23.652	0.564	24.363
6624	TRP60	1	NUCLEAR PROCESS/RADIATION SURVEILLANCE	0.194	23.846	0.200	24.563
6624	TRP60	1	VENTILATION/POWER SURVEILLANCES.	0.151	23.997	0.155	24.719
6624	TRP60	1	SNM SAFE STORAGE & TREATMENT PROJECT M	0.642	24.639	0.661	25.380
6624	TRP60	1	GENERAL ASSESSMENTS	9.875	34.514	10.171	35.551
6624	TRP60	1	ENVIRONMENTAL ASSESSMENTS	0.985	35.499	1.015	36.566
6624	TRP60	1	FACILITY BASELINE CONTROL MANAGEMENT	5.260	40.759	5.418	41.984
6624	TRP60	1	SPARES INVENTORY CHANGE	0.001	40.760	0.001	41.985
6624	TRP60	1	BASIC PHYSICAL SECURITY	7.898	48.658	8.135	50.120
6624	TRP60	1	SNM CUSTODIAL	0.288	48.946	0.297	50.417
6624	TRP60	1	SECURITY CONTROL DOCUMENTATION & STUDI	0.220	49.166	0.227	50.644
6624	TRP60	1	SAS LIFE EXTENSION MODIFICATIONS	1.003	50.169	1.033	51.677
6624	TRP60	1	SAS MAINTENANCE	1.315	51.484	1.354	53.031
6624	TRP60	1	SAFEGUARDS & SECURITY PROJECT MANAGEM	0.546	52.030	0.562	53.593
6624	TRP60	1	ENVIRONMENTAL COMPLIANCE, SURVEILLANCE	0.727	52.757	0.749	54.342
6624	TRP60	1	ENVIRONMENTAL DOCUMENTATION & REGULAT	0.052	52.809	0.054	54.396
6624	TRP60	1	ENVIRONMENTAL COMPLIANCE, VAULT OPERAT	0.002	52.811	0.002	54.398
6622	TRP60	1	PUREX MAINTENANCE	4.291	57.102	3.360	57.778
6622	TRP60	1	PUREX SURVEILLANCE	4.355	61.457	3.662	61.440
6622	TRP60	1	PUREX RADIOLOGICAL CONTROL	2.604	64.061	2.004	63.444
6622	TRP60	1	PUREX TECHNICAL TRAINING	1.008	65.069	0.720	64.164
6622	TRP60	1	PLANT SYSTEMS ENGINEERING	0.911	65.980	0.757	64.921
6622	TRP60	1	PLANNING/WORK CONTROL	1.227	67.207	0.950	65.871
6622	TRP60	1	200 AREA SUPPORT SERVICES	1.514	68.721	1.236	67.107
6622	TRP60	1	PURCHASED SUPPORT	2.620	71.341	2.220	69.327
6622	TRP60	1	TECHNICAL ADMINISTRATION	2.011	73.352	1.599	70.926
6622	TRP60	1	QA/QC SUPPORT	0.709	74.061	0.546	71.472
6622	TRP60	1	STEAM & WATER	3.736	77.797	3.689	75.161
6622	TRP60	1	ELECTRICAL UTILITIES	0.974	78.771	0.912	76.073
6622	TRP60	1	FIRE SYSTEM MAINTENANCE	0.414	79.185	0.388	76.461
6622	TRP60	1	UO3 SURVEILLANCE & MAINTENANCE	0.040	79.225	0.000	76.461
6622	TRP60	1	SAFETY STRATEGY AND RIDS	0.424	79.649	0.097	76.558
6622	TRP60	1	REGULATORY SUPPORT	1.424	81.073	1.383	77.941
6622	TRP60	1	PUREX AIR & WATER PERMITS	0.364	81.437	0.107	78.048
6622	TRP60	1	LAUNDRY/MASK.	0.558	81.995	0.543	78.591
6622	TRP60	1	SOLID WASTE HANDLING	1.162	83.157	0.943	79.534
6622	TRP60	1	SOLID WASTE DISPOSAL	1.147	84.304	1.215	80.749
6622	TRP60	1	MISCELLANEOUS ASSESSMENTS	1.443	85.747	1.352	82.101
6622	TRP60	1	SAFEGUARDS & SECURITY	0.183	85.930	0.090	82.191
6622	TRP60	1	INVENTORY CHANGE	-0.100	85.830	-0.100	82.091
6622	TRP60	1	LABORATORY ANALYSES	0.802	86.632	0.567	82.658
6622	TRP60	1	CENRTC	0.227	86.859	0.114	82.772
6623	TRP60	1	EM FACILITY SUPPORT	2.000	88.859	1.900	84.672
6623	TRP60	1	DP FACILITY SUPPORT	0.600	89.459	0.600	85.272
6623	TRP60	1	ENVIRONMENTAL COMPLIANCE	1.800	91.259	2.000	87.272
6620	TRP60	1	PROGRAM AND ENVIRONMENTAL MANAGEMEN	1.880	93.139	1.963	89.235
6620	TRP60	1	SFGDS & SECURITY	1.303	94.442	1.336	90.571
6620	TRP60	1	SNM MATERIALS MANAGEMENT	0.604	95.046	0.620	91.191
			Minimum Base Safe Operations		95.046		91.191
6624	TRP60	2C	INFRASTRUCTURE MAINTENANCE TO SUPPORT	7.821	102.867	7.351	98.542
6624	TRP60	2C	INFRASTRUCTURE ADMINISTRATION TO SUPPO	3.152	106.019	3.247	101.789

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6624	TRP60	4	IAEA SUPPORT	1.000	107.019	1.030	102.619
6624	TRP60	7	SRIDs ASSESSMENT/PRICE ANDERSON AMEND	0.300	107.319	0.309	103.128
6624	TRP60	2C	GPPs	1.500	108.819	2.500	105.628
6624	TRP60	2C	CENRTC	1.164	109.983	1.364	106.992
6624	TRP60	2C	EXPENSE SUPPORT TO CAPITAL MODIFICATION	0.450	110.433	0.700	107.692
6624	TRP60	2C	VAULT MODIFICATIONS	0.149	110.582	0.154	107.846
6624	TRP60	2C	DNSFB 94-1 RECOMMENDATION IMPLEMENTATI	6.500	117.082	0.000	107.846
6624	TRP60	2C	DOE REQUESTS	0.346	117.428	0.356	108.202
			Decrement 2		117.428		108.202
6624	TRP60	2C	DNSFB 94-1 RECOMMENDATION IMPLEMENTATI	8.200	125.628	9.097	117.299
6624	TRP60	2C	SNM SHIPMENT/RECEIPTS	0.375	126.003	0.366	117.665
6625	TRP60	2C	LINE ITEM FOR 94-1 CAPITAL UPGRADES:	1.000	127.003	2.500	120.165
6624	TRP60	2C	PERFORMANCE BASED INITIATIVES & CHALLEN	0.820	127.823	0.804	120.969
6620	TRP60	3	PROGRAM MANAGEMENT	1.057	128.880	0.000	120.969
6622	TRP60	3A	PUREX PBI	0.600	129.480	0.000	120.969
6622	TRP60	3A	GPPs	0.114	129.594	0.000	120.969
6622	TRP60	3A	203-A Facility Deactivation	0.998	130.592	0.000	120.969
6622	TRP60	3A	211-A Facility Deactivation	0.210	130.802	0.000	120.969
6622	TRP60	3A	Canyon	0.335	131.137	0.000	120.969
6622	TRP60	3A	Contaminated Organic disposal	2.011	133.148	0.000	120.969
6622	TRP60	3A	Ancillary Building Deactivation	0.563	133.711	0.000	120.969
6622	TRP60	3A	P&O Gallery	0.181	133.892	0.000	120.969
6622	TRP60	3A	AMU.	0.500	134.392	0.000	120.969
6622	TRP60	3A	Outside Radiation Zones	0.240	134.632	0.000	120.969
6622	TRP60	3A	Utility/Support Systems	3.400	138.032	0.000	120.969
6620	TRP60	3	PROGRAM MANAGEMENT	0.000	138.032	0.641	121.630
6622	TRP60	3A	PUREX PBI	0.000	138.032	0.500	122.330
6622	TRP60	3A	GPPs	0.000	138.032	0.227	122.557
6622	TRP60	3A	Ancillary Building Deactivation	0.000	138.032	0.200	122.757
6622	TRP60	3A	N Cell / Q Cell / PR Room	0.800	138.832	0.000	122.757
6622	TRP60	3A	Storage Gallery	0.100	138.932	0.000	122.757
6622	TRP60	3A	Sample Gallery	0.200	139.132	0.000	122.757
6622	TRP60	3A	Utility/Support Systems	0.000	139.132	5.800	128.557
6622	TRP60	3A	Laboratory Deactivation (Purex Lab)	0.694	139.826	0.000	128.557
6622	TRP60	3A	FACILITY CHARACTERIZATION AND TURNOVER	0.895	140.721	0.715	129.272
6622	TRP60	3A	TRANSITION PROJECT MANAGEMENT	2.600	143.321	1.215	130.487
6623	TRP60	3F	313 BUILDING ISOLATION	1.353	144.674	0.000	130.487
			Decrement 1		144.674		130.487
6623	TRP60	3F	313 BUILDING ISOLATION	2.141	146.815	0.000	130.487
6623	TRP60	3E	300 AREA SHUTDOWN ACTIVITIES	1.100	147.915	2.100	132.587
6620	TRP60	4	SYSTEMS ENGINEERING (SE) SITE SUPPORT	0.000	147.915	0.287	132.874
6620	TRP60	4	SYSTEMS ENGINEERING (SE) PROGRAM SUPPO	0.242	148.157	0.287	133.161
6620	TRP60	4	SYSTEMS ENGINEERING (SE) PLANT SPECIFIC	0.000	148.157	0.160	133.321
6622	TRP60	4	Productivity Commitment	-0.632	147.525	-3.413	129.908
			Integrated Target Case		147.525		129.908
6624	TRP60	2C	DNSFB 94-1 RECOMMENDATION IMPLEMENTATI	2.000	149.525	6.203	136.111
6625	TRP60	2C	EXPENSE SUPPORT FOR 94-1 CAPITAL UPGRAD	0.000	149.525	0.000	136.111
6625	TRP60	2C	LINE ITEM FOR 94-1 CAPITAL UPGRADES	1.950	151.475	3.200	139.311
6624	TRP60	2C	CHARACTERIZATION/REMEDIATION PLANNING	0.000	151.475	0.382	139.693
6624	TRP60	3G	DEVELOP FACILITY DEACTIVATION PLANS	0.000	151.475	1.153	140.846
6624	TRP60	3G	DEACTIVATION PLANS & TURNOVER ENDPOINT	0.000	151.475	0.781	141.627
6624	TRP60	3G	ENVIRONMENTAL COMPLIANCE, DEACTIVATION	0.000	151.475	0.038	141.665
6623	TRP60	3I	313 BUILDING DEMOLITION	0.000	151.475	9.700	151.365
6624	TRP60	4	PFP SURVEILLANCE & MAINTENANCE PROJECT	1.468	152.943	1.512	152.877
6624	TRP60	4	VENTILATION/POWER SURVEILLANCES	0.180	153.123	0.183	153.060
6624	TRP60	4	FACILITY MODIFICATIONS FOR MINIMUM SURVEI	1.305	154.428	1.756	154.816
6624	TRP60	4	SNM SAFE STORAGE & TREATMENT PROJECT M	0.133	154.561	0.137	154.953
6624	TRP60	4	FACILITY BASELINE CONTROL MANAGEMENTp	1.060	155.621	2.242	157.195
6624	TRP60	4	SNM CUSTODIAL	0.202	155.823	0.534	157.729
6624	TRP60	4	SAFEGUARDS & SECURITY PROJECT MANAGEM	0.100	155.923	0.000	157.729
6624	TRP60	4	GPPs	1.000	156.923	1.000	158.729
6624	TRP60	4	CENRTC	0.200	157.123	0.000	158.729

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ADS Number	Program Name	Hanford Amplified Priority	Workscope Title	FY 1996	Cum. FY 1996	FY 1997	Cum. FY 1997
6620	TRP60	4	SYSTEMS ENGINEERING (SE) SITE SUPPORTa	0.278	157.401	0.000	158.729
6620	TRP60	4	SYSTEMS ENGINEERING (SE) PROGRAM SUPPO	0.037	157.438	0.000	158.729
6620	TRP60	4	SYSTEMS ENGINEERING (SE) PLANT SPECIFIC	0.240	157.678	0.000	158.729
6620	TRP60	7	Waste Minimization	0.100	157.778	0.100	158.829
			Planning Case		157.778		158.829

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ADS Number	Program Name	Hanford Amplified Priority	Workscope Title	FY 1996	Cum. FY 1996	FY 1997	Cum. FY 1997
6640	Adv. Reactor	1	FFTF BASE: Surveillance & Maintenance Program	29.614	29.614	27.980	27.980
6641	Adv. Reactor	1	308 Building S&M: Surveillance & Operations	0.869	30.483	0.301	28.281
6643	Adv. Reactor	1	309 Building: Surveillance & Maintenance	0.655	31.138	0.675	28.956
6641	Adv. Reactor	1	Legacy Occupancy	0.098	31.236	0.101	29.057
			Minimum Base Safe Operations		**31.236**		**29.057**
6641	Adv. Reactor	5A	RCRA Closure	0.761	31.997	0.567	29.624
6640	Adv. Reactor	3C	Fuel Offload: Fuel Wash & Storage	8.693	40.690	8.401	38.025
6640	Adv. Reactor	3C	ISC Procurement: (50 Closed Core component Contai	9.162	49.852	1.550	39.575
			Decrement 2		**49.852**		**39.575**
6640	Adv. Reactor	3C	ISC Procurement: (50 Closed Core component Contai	0.000	49.852	5.100	44.675
6642	Adv. Reactor	3C	Sodium Storage Facility Construction	3.800	53.652	0.000	44.675
			Decrement 1		**53.652**		**44.675**
6640	Adv. Reactor	3C	ISC Procurement: (50 Closed Core component Contai	0.000	53.652	0.800	45.475
6642	Adv. Reactor	3C	Sodium Storage Facility Construction	1.400	55.052	0.000	45.475
6640	Adv. Reactor	3C	Na/Nak System Draining	1.667	56.719	2.098	47.573
6641	Adv. Reactor	3E	TRIGA Fuel Disposition	0.814	57.533	0.000	47.573
6640	Adv. Reactor	3C	Process ACN-1 & PO-4 Leaking fuel assemblies	0.000	57.533	0.461	48.034
6640	Adv. Reactor	3C	Support Systems S/D	0.568	58.101	0.495	48.529
6643	Adv. Reactor	5A	309 Building Deactivation	1.090	59.191	1.894	50.423
6641	Adv. Reactor	5A	NE Legacy Test Loop disposition (CRADA)	1.300	60.491	2.157	52.580
6641	Adv. Reactor	5A	Construct cleaning station for NE Legacies equipment	0.272	60.763	0.000	52.580
6641	Adv. Reactor	5A	Productivity Commitment to be achieved	-1.263	59.500	0.000	52.580
			Integrated Target Case/Planning Case		**59.500**		**52.580**

10/09/95 PRO60.WK4

Hanford Amplified Priority List

Facilities Transition - Programmatic

EM-60

ADS Number	Program Name	Hanford Amplified Priority	Workscope Title	FY 1996	Cum. FY 1996	FY 1997	Cum. FY 1997
6660-0	Landlord	1	Program Management	0.882	0.882	0.666	0.666
6660-0	Landlord	1	Site Planning	0.667	1.549	0.684	1.350
6665-0	Landlord	1	Regulated Rail Car	1.000	2.549	0.000	1.350
6665-0	Landlord	1	Infrastructure Repair	2.600	5.149	1.775	3.125
6665-0	Landlord	1	GPF Repair & Minor Upgrades	1.400	6.549	1.400	4.525
6665-0	Landlord	1	Demolition	1.400	7.949	2.325	6.850
6670-0	Landlord	1	CENRTC	0.417	8.366	3.249	10.099
6675-0	Landlord	1	GPPs ID& Scoping	0.200	8.566	0.200	10.299
6675-0	Landlord	1	GPPs	3.000	11.566	3.000	13.299
6680-0	Landlord	1	Line Item ID & Scoping	0.728	12.294	0.385	13.684
6680-4	Landlord	1	L-070, 300 Area Process Sewer Piping System Upgr.	1.395	13.689	0.225	13.909
6680-11	Landlord	1	D-424, 324 Facility Compliance/Renovation	2.538	16.227	0.000	13.909
6680-12	Landlord	1	D-391, 325 Facility Compliance/Renovation	0.036	16.263	0.000	13.909
			Minimum Base Safe Operations		**16.263**		**13.909**
6670-0	Landlord	7C	CENRTC (River Screens)	1.000	17.263	0.000	13.909
6660-0	Landlord	7C	Program Management	0.870	18.133	0.000	13.909
6660-0	Landlord	7C	Site Planning	0.967	19.100	0.000	13.909
			Decrement 2		**19.100**		**13.909**
6670-0	Landlord	7C	CENRTC	3.059	22.159	0.000	13.909
6660-0	Landlord	7C	Site Planning	0.256	22.415	0.741	14.650
6665-0	Landlord	7C	Roofs/HVACs	0.000	22.415	0.125	14.775
6665-0	Landlord	7C	Demolition	1.000	23.415	1.000	15.775
6665-0	Landlord	7C	HEADS	0.450	23.865	0.000	15.775
6665-0	Landlord	7C	IVDTS	0.000	23.865	1.025	16.800
6675-0	Landlord	7C	GPPs	0.107	23.972	0.000	16.800
6680-11	Landlord	7C	D-424, 324 Facility Compliance/Renovation	0.000	23.972	0.879	17.679
6680-13	Landlord	7C	L-116, 200 Area Sanitary Sewer	0.000	23.972	0.092	17.771
			Decrement 1		**23.972**		**17.771**
6670-0	Landlord	7C	CENRTC	1.013	24.985	1.000	18.771
6675-0	Landlord	7C	GPPs	0.893	25.878	0.000	18.771
6680-11	Landlord	7C	D-424, 324 Facility Compliance/Renovation	1.000	26.878	0.000	18.771
6680-13	Landlord	7C	L-116, 200 Area Sanitary Sewer	1.871	28.749	0.000	18.771
			Integrated Target		**28.749**		**18.771**
6660-0	Landlord	7C	Program Management	0.000	28.749	0.272	19.043
6660-0	Landlord	7C	Site Planning	0.000	28.749	8.075	27.118
6660-0	Landlord	7C	Infrastructure Transition Project	2.000	30.749	2.100	29.218
6660-0	Landlord	7C	Mapping Services	0.000	30.749	3.361	32.579
6661-0	Landlord	7C	Landlord Transition	0.000	30.749	38.714	71.293
6665-0	Landlord	7C	Roofs/HVACs	0.000	30.749	1.100	72.393
6665-0	Landlord	7C	Demolition	37.000	67.749	2.112	74.505
6665-0	Landlord	7C	NEC Compliance	0.000	67.749	0.750	75.255
6665-0	Landlord	7C	General Purpose Lands Management	0.000	67.749	0.250	75.505
6665-0	Landlord	7C	Security Transition Project	0.000	67.749	0.450	75.955
6665-0	Landlord	7C	IVDTS	0.000	67.749	12.451	88.406
6665-0	Landlord	7C	Regulated Rail Car	10.000	77.749	0.000	88.406
6670-0	Landlord	7C	CENRTC	0.000	77.749	6.938	95.344
6675-0	Landlord	7C	GPPs ID& Scoping	0.000	77.749	0.200	95.544
6675-0	Landlord	7C	GPPs	0.000	77.749	6.500	102.044
6680-0	Landlord	7C	Line Item ID & Scoping	0.000	77.749	2.408	104.452
6680-13	Landlord	7C	L-116, 200 Area Sanitary Sewer	0.000	77.749	3.963	108.415
6680-14	Landlord	7C	L-094, Hanford Fire Department Facilities	0.000	77.749	1.995	110.410
6680-15	Landlord	7C	D-420, Buildings Utility Replacement	0.000	77.749	2.856	113.266
			Planning Case		**77.749**		**113.266**

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Hanford Amplified Priority List

Facilities Transition - Programmatic

EM-60

ADS Number	Program Name	Hanford Amplified Priority	Workscope Title	FY 1996	Cum. FY 1996	FY 1997	Cum. FY 1997
6600	DOE-RL	7A	RL Scope	58.912	58.912	51.308	51.308
			Minimum Base Safe/Decrement 1		**58.912**		**51.308**
6631	DOE-RL	7A	Program Direction	0.000	58.912	5.624	56.932
6603	DOE-RL	7A	Program Support - Downwinder	2.000	60.912	0.000	56.932
6603	DOE-RL	7A	Program Support - Declassification	1.000	61.912	0.000	56.932
6603	DOE-RL	7A	Program Support - Human Rad Test	0.750	62.662	0.000	56.932
6604	DOE-RL	7A	WA Mixed Waste Mgmt Fee	0.700	63.362	0.000	56.932
6602	DOE-RL	7A	Economic Transition	2.000	65.362	2.000	58.932
6603	DOE-RL	7A	Program Support - GSSC	4.950	70.312	0.000	58.932
			Integrated Target Case		**70.312**		**58.932**

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RICHLAND ENVIRONMENTAL RESTORATION PROJECT

FY 1996 Priority List - Revision 1

(B/A in Thousands)

#	Area	Priority Code	ADS	Cost Account	Description	FY96 K$s	CUM K$s	FY 1996 TPA Milestone Reference	FY 1997 TPA Milestone Reference
1	PMGT	01.0	3410	1EL1104	USACE - Direct Support	200	200		
2	PMGT	01.0	3410	1EL2101	Compliance Oversight	2700	2900		
3	PMGT	01.0	3410	1EL2102	RL Contracts	5550	8450		
4	PMGT	01.0	3410	1EL2104	GIS Mapping	850	9300		
5	PMGT	01.A	3400	1EA1101	Technology Applications - Reduces support for tech reviews, industry searches, & etc	819	10119		
6	PMGT	01.A	3400	1EA1102	Environmental Sciences	822	10941		
7	PMGT	01.A	3400	1EA1103	Sample & Data Management - Reduces S/C support for HEIS II conversion/procedures	5112	16053		
8	PMGT	01.A	3400	1EA1104	Regulatory Support	688	16741		
9	PMGT	01.A	3400	1EA1105	Engineering Support	1015	17756		
10	PMGT	01.A	3400	1EA1106	Field Support - Reduces capital pool additions and maintenance support	805	18561		
11	PMGT	01.A	3400	1EA1107	Sitewide Services/Facilities	1747	20308		
12	PMGT	01.A	3400	1EA2101	Program Reporting	391	20698		
13	PMGT	01.A	3400	1EA2102	TPA Support	442	21141		
14	PMGT	01.A	3400	1EA2103	Public Involvement & Communications	278	21418		
15	PMGT	01.A	3400	1EA2105	DOE Requests	188	21606		
16	PMGT	01.A	3400	1EA3101	Strategic Planning	155	21761		
17	PMGT	01.A	3400	1EA3102	ER Project Baseline Maintenance	1079	22840		
18	PMGT	01.A	3400	1EA3103	ER Project Services - Reduces S/C support for procedure maintenance and training	488	23328		
19	PMGT	01.A	3400	1EA3104	ADS 3400 Project Support	1119	24446		
20	PMGT	01.A	3400	1EA3105	Project Procurement & Property Mgmt	1003	25449		
21	PMGT	01.A	3400	1EA3106	Records & Document Control - Reduced support for scanning documents into AR	2281	27730		
22	PMGT	01.A	3400	1EA3107	Restructuring	390	28120		
23	PMGT	01.A	3400	1EA4101	Quality Program/Quality Engineering	623	28744		
24	PMGT	01.A	3400	1EA4102	Safety & Health Engineering - Potential noncompliance (10CFR835 -Rad Protection Rqmts)	1540	30284		
25	PMGT	01.A	3400	1EA4103	Environmental Compliance - Eliminate focused assessments of operations	1345	31629		
26	D&D	01.B	3510	1UB1102	Risk Assessment	500	32129		
27	D&D	01.B	3510	1UB1104	Adv Characterization & Engineering (Mgmt & Proj Cntrls Support)	611	32741		
28	D&D	01.B	3520	1UE1101	200 Area S&M	2550	35290		
29	D&D	01.C	3010	1PJ1401	RARA - Stabilize	937	36227		
30	D&D	01.C	3010	1PJ1402	RARA - Herbicide	2562	38789		
31	GW	01.D	3105G	1PB5103	100-BC-5 Characterization (GW monitoring - eliminate one of two rounds of sampling)	236	39026		
32	GW	01.D	3105G	1PB5104	100-BC-5 Feasibility Studies (Regulator Comment Resolution - No FFS required)	84	39110		
33	GW	01.D	3110G	1PC4103	100-KR-4 Characterization (GW monitoring - eliminate one of two rounds of sampling)	302	39412		
34	GW	01.D	3115G	1PD3103	100-FR-3 Characterization (GW monitoring - eliminate one of two rounds of sampling)	276	39688		
35	GW	01.D	3120G	1PE3103	100-HR-3 Characterization (GW monitoring - eliminate one of two rounds of sampling)	355	40043		
36	GW	01.E	3200G	1PL5101	200-BP-5 General Assessment (Mgmt, Proj Cntrls, and Admin Support) - Oct to Jan costs	6	40048		
37	GW	01.E	3200G	1PL5103	200-BP-5 Characterization (GW monitoring of ~40 wells)		40048		
38	GW	01.E	3200G	1PL5105	200-BP-5 Treatability (Finalize report and submit to RL).	93	40141	M-15-21	
39	GW	01.E	3200G	1PLB101	200-NPL General Assessment (Mgmt, Proj Cntrls, and Admin Support)	30	40171		
40	D&D	01.F	3800	1SM3501	Long Term S&M -300	42	40213		
41	D&D	01.F	3800	1SM5501	Long Term S&M -1100	48	40261		
42	PMGT	01.G	3010	1PJD401	RARA Performance Fee	361	40622		
43	PMGT	01.G	3105R	1PBD201	100-BC Performance Fee	1134	41756		
44	PMGT	01.G	3120G	1PED201	100-HR Performance Fee	1299	43055		
45	PMGT	01.G	3125	1PGD101	100-NR-1 Performance Fee (B&R 301)	267	43322		
46	PMGT	01.G	3125	1PGD201	100-NR-1 Performance Fee (B&R 302)	329	43651		
47	PMGT	01.G	3125	1PGD401	100-NR-2 Performance Fee (B&R 304)	311	43962		
48	PMGT	01.G	3230G	1PTD201	200-UP Performance Fee	566	44528		
49	PMGT	01.G	3235	1PUD201	200-ZP Performance Fee - Remediation	466	44994		

RICHLAND ENVIRONMENTAL RESTORATION PROJECT

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FY 1996 Priority List - Revision 1

(B/A in Thousands)

#	Area	Priority Code	ADS	Cost Account	Description	FY96 K$s	CUM K$s	FY 1996 TPA Milestone Reference	FY 1997 TPA Milestone Reference
50	PMGT	01.G	3235	1PUD204	200-ZP Performance Fee - RCRA/CERCLA Interim Rmvl	495	45489		
51	PMGT	01.G	3235	1PUDXXX	200-ZP Performance Fee adjustment	8	45497		
52	PMGT	01.G	3300	1P2D11	300-FF Performance Fee	445	45942		
53	PMGT	01.G	3400	1EA3108	BHI Performance Measurement	2402	48344		
54	PMGT	01.G	3510	1UBD101	Performance & Base Fee	721	49065		
55	PMGT	01.G	3520	1UED101	200 Area Performance and Base Fee	361	49426		
56	PMGT	01.G	3600	1UN5101	Performance Fee B&R EW2010401	2197	51623		
57	PMGT	01.G	3600	1UN5201	Performance Fee B&R EW2010402	577	52200		
58	PMGT	01.G	3700	1CFD101	Performance Fee	2061	54261		
59	D&D	02.A	3510	1UB1101	100 Area S&M	1650	55911		
60	100N	02.A	3600	1UN1101	Direct Project Support	1393	57304		
61	100N	02.A	3600	1UN2101	Facility Compliance (Reduced $1.4M for Asbestos Abatement continuous feed & conversion)	3919	61223		
62	100N	02.A	3600	1UN2102	Waste Handling	4678	65901		
63	100N	02.A	3600	1UN3101	Building and System Deactivation	5207	71108		M-16-01E
64	100N	02.A	3600	1UN4102	Emergency Dump Basin (DQOs, basin cleanout and defer S/C to dewater/remove sediment)	35	71143		
65	100N	02.A	3600	1UN4201	N Basin Cleanup (Includes $2,464K 4-month acceleration (2nd shift))	8076	79219	M-16-01E-T2	M-16-01E-T3
66	GW	02.B	3110G	1PC4104	100-KR-4 Feasibility Studies (P&T - FFS/IRM PP public comment period)	85	79304		
67	GW	02.B	3110G	1PC4203	100-KR-4 IRM Design (Conceptual and preliminary design for Cr-VI, P&T planned for FY 97)	668	79972	(Supports ROD due 2/29/96)	
68	GW	02.B	3120G	1PE3104	100-HR-3 Feasibility Studies (P&T - FFS/IRM PP public comment period)	19	79991		
69	GW	02.B	3120G	1PE3105	100-HR-3 Treatability Studies (Upgrade current P&T with pH control capabilities)	341	80332		
70	GW	02.B	3120G	1PE3203	100-HR-3 H Area IRM Design (300 gpm capacity P&T system for Cr-VI removal)	969	81301		
71	GW	02.B	3120G	1PE3204	100-HR-3 H Area IRM Implementation (P&T implement, well drilling & GW monitoring in FY97)	992	82293		
72	GW	02.B	3120G	1PE3213	100-HR-3 D Area IRM Preliminary/Final Design (P&T system)	672	82965		
73	GW	02.B	3120G	1PE3214	100-HR-3 D IRM Implementation (P&T implementation, well drilling & system OPS)	1241	84205		
74	GW	02.B	3120G	7PE3204	100-HR-3 H Area (P&T) Construction	1939	86144		
75	GW	02.B	3120G	7PE3214	100-HR-3 D Area (P&T) Construction	780	86923		
76	100N	02.B	3125	1PG2202	100-NR-2 ERA Implementation	2034	88957	M-16-12B, -12E	
77	100N	02.B	3125	1PG2207	100-NR-2 ERA Pump & Treat Upgrade - Defer S/C work	617	89574		
78	GW	02.C	3230G	1PT1101	200-UP-1 General Assessment (P&T - Mgmt, Proj Cntrls and Admin Support)	55	89630		
79	GW	02.C	3230G	1PT1103	200-UP-1 Characterization (P&T - Draft LFI to Reg 7/96)	386	90016		
80	GW	02.C	3230G	1PT1201	200-UP-1 General Remediation (P&T - Mgmt, Proj Cntrls, and Admin Support)	152	90168		
81	GW	02.C	3230G	1PT1203	200-UP-1 IRM Design (Phase II)	341	90509		
82	GW	02.C	3230G	1PT1204	200-UP-1 IRM Implement (Continue Phase I P&T, eliminate 3 wells)	1951	92460		
83	GW	02.C	3230G	7PT1208	200-UP-1 Phase II Construct/Install (Eliminate piping, bulter bldg and automation cntrl upgr)	265	92726		
84	GW	02.C	3235	1PU1201	200-ZP-1 General Remediation (Mgmt, Proj Cntrl and Admin Support)	203	92928		
85	GW	02.C	3235	1PU1204	200-ZP-1 IRM Implementation (GW monitoring of 18 wells & P&T Upgrade of new wells)	4698	97626		
86	GW	02.C	3235	1PU2401	200-ZP-2 General RCRA/CERCLA Interim Rmvl Actions (Mgmt, Proj Cntrls, & Admin Support)	246	97872		
87	GW	02.C	3235	1PU2402	200-ZP-2 ERA Implementation (VES at 216-A-9, -Z-1A and -Z-18)	2019	99891		
88	GW	02.C	3235	1PU3101	200-ZP Groundwater Direct Distributable - Assessment	375	100266		
89	GW	02.C	3235	1PU3201	200-ZP Groundwater Direct Distributable - Remediation	951	101217		
90	GW	02.C	3235	7PU1208	200-ZP-1 IRM Phase II Construction - Phase II	1727	102943		
91	D&D	02.D	3520	1UEA401	233-S PU Concentration Facility (Hazard categorization, minimal S&M & defer ORR)	483	103427		
92	RA	03.A	3110R	1PC1104	100-KR-1 Feasibility Studies	10	103437	(Supports IROD process)	
93	RA	03.A	3110R	1PC2104	100-KR-2 Feasibility Studies (IRM PP)	90	103527	M-15-33B	
94	GW	03.A	3115G	1PD3104	100-FR-3 Feasibility Studies (FFS/IRM PP)	230	103757	M-15-13G/H	
95	GW	03.A	3120G	1PE7103	100 NPL Characterization	1001	104757	M-15-80 - Comprehensive Impact Asse	
96	RA	03.A	3120R	1PE4102	100-IU-2/IU-6 Planning Documents	307	105065		M-13-00J
97	100N	03.A	3125	1PG1101	100-NR-1 General Support	280	105345	M-15-12A	
98	100N	03.A	3125	1PG1103	100-NR-1 Characterization (LFI)	3188	108533	M-15-12A	

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RICHLAND ENVIRONMENTAL RESTORATION PROJECT

FY 1996 Priority List - Revision 1

(B/A In Thousands)

#	Area	Priority Code	ADS	Cost Account	Description	FY96 K$s	CUM K$s	FY 1996 TPA Milestone Reference	FY 1997 TPA Milestone Reference
99	100N	03.A	3125	1PG1104	100-NR-1 Feasibility Studies (CMS)	323	108856		M-15-12-B/C
100	100N	03.A	3125	1PG2103	100-NR-2 Characterization (LFI) - Cribs	305	109161	M-15-12A	
101	100N	03.A	3125	1PG2104	100-NR-2 Feasibility Studies (CMS) - Cribs	940	110101		M-15-12-B/C
102	GW	03.A	3200G	1PLB105	New TPA Groundwater Studies (I-129 comment resolution)	71	110171	M-15-81B	
103	RA	03.A	3200R	1PLA1	200-BP-11 Characterization		110171	TPA under review	TPA under review
104	GW	03.A	3210	1PN1101	200-P0-1 General Assessment (Mgmt, Proj Cntrls and Admin Support)	82	110253	Supports M-15-25	
105	GW	03.A	3210	1PN1102	200-P0-1 Planning Documents (GW Remediation Strategy Document)	513	110766	Supports M-15-25	
106	GW	03.A	3210	1PN1103	200-P0-1 Characterization (LFI- Draft Plume and TSD evaluation due 12/31/95)	106	110872	M-15-25	
107	GW	03.A	3210	1PN1104	200-P0-1 Feasibility Study (CMS / Permit due 7/96 & 8/96 respectively)	61	110933	M-15-25A/B	
108	RA	03.A	3230R	1PT2101	200-UP-2 General Assessment	88	111021	M-15-15C & -15D	M-15-15E
109	RA	03.A	3230R	1PT2102	200-UP-2 Planning Document	97	111118	M-15-15C & -15D	M-15-15E
110	RA	03.A	3230R	1PT2103	200-UP-2 Characterization	47	111165	M-15-15C & -15D	M-15-15E
111	RA	03.A	3230R	1PT2104	200-UP-2 Focused Feasibility Study	290	111455	M-15-15C & -15D	M-15-15E
112	RA	03.A	3300	1P22102	300-FF-2 Planning Documents	27	111482	TWP-FF2-01	
113	RA	03.A	3300	1P22103	300-FF-2 Characterization (LFI and one round of GW monitoring at 618-10 and-11)	329	111810	TWP-FF2-01	
114	RA	03.A	3300	1P22104	300-FF-2 Feasibility Study (FFS/IRM PP) - Schedule delay	206	112016		TWP-FF2-02/03
115	RA	03.A	3300	1P25104	300-FF-5 Feasibility Study (O&M Plan will be revised and issued per TPA)	71	112087	Supports issuance of a TPA primary doc	
116	RA	03.A	3390	1P31206	1100-EM HRL Revegetation	82	112169	M-16-05A & M-16-05A-T2/T3	
117	RA	03.A	3390	1P35206	1100-NPL Monitor Revegetation	30	112198	M-16-05A & M-16-05A-T2/T3	
118	RA	03.A	3390	1P36206	1100-ALE ALE \Revegetation	42	112240	M-16-05A & M-16-05A-T2/T3	
119	D&D	03.A	3510	1UB	100-NR Remediation (Special Category) - NEPA		112240		M-16-01A
120	ERDF	03.A	3700	1CF1101	Project Management and Support	421	112661	M-70-00	
121	ERDF	03.A	3700	1CF1103	Regulatory Documentation and Site Characterization	1200	113861	M-70-00	
122	ERDF	03.A	3700	1CF1105	Design Support	804	114665	M-70-00	
123	ERDF	03.A	3700	1CF1201	Construction Management	1627	116292	M-70-00	
124	ERDF	03.A	3700	1CF1206	Construction	7750	124042	M-70-00	
125	D&D	03.B	3500	1UV1401	Asbestos Abatement - Continuous feed	1167	125209		
126	D&D	03.B	3500	1UV1405	Asbestos Abatement - Conversion	230	125439		
127	ERDF	04.A	3700	1CF1301	Facility Operations (Reduced funding for termination liability)	4186	129625		
128	ERDF	04.A	3700	1CF1304	Transportation - Reduced waste volume by 15K LCY	2448	132073		
129	RA	04.B	3100	1PA1104	100-DR-1 Feasibility Studies (LOE - IROD for 100-BC-1, -DR-1 & -HR-1)	11	132084		
130	RA	04.B	3105R	1PB1104	100-BC-1 Feasibility Studies (LOE - IROD for 100-BC-1, -DR-1 & -HR-1)	7	132091		
131	RA	04.B	3105R	1PB1105	100-BC-1 Treatability Studies (Rock Screening Treatment Action for volume reduction)	360	132451		
132	RA	04.B	3105R	1PB1202	100-BC-1 ERA Implementation (Demo Project - 116-B-4,-B-5 & 116-C-1	1456	133906		
133	RA	04.B	3105R	1PB1205	100-BC-1 Remedial Action Design (Supported by ERA Demo data)	1607	135513		
134	RA	04.B	3105R	1PB1208	100-BC-1 Remediation Equip (Trailers, telephones, septic systems, water services & etc)	1355	136867		
135	RA	04.B	3105R	1PB1210	116-C-1 RA Implement (Mgmt, excavation, analytical, treatment & site c/o -defer 6K LCY)	3573	140441		
136	RA	04.B	3105R	1PB1211	116-B-11, 13, & 14 RA Implementation (Mgmt, matls handling, treatement & site c/o)	185	140625		
137	RA	04.B	3105R	1PB1215	Group 2 - Remedial Action Design	1385	142010		
138	RA	04.B	3105R	1PB2104	100-BC-2 Feasibility Studies	31	142041		
139	RA	04.B	3105R	1PB2205	100-BC-2 Remedial Action Design		142041		
140	RA	04.B	3105R	1PB6202	100-IU-1 ERA Implementation (LOE support to RL for IU IROD prep/issuance)	5	142046		
141	RA	04.B	3120R	1PE1104	100-HR-1 Feasibility Studies (LOE support for prep/issuance of IROD)	11	142057		
142	D&D	04.B	3510	1UB1199	Project Distributables	927	142984		
143	D&D	04.B	3510	1UB2103	104-B1 Tritium Vault (Assessment)	132	143116		
144	D&D	04.B	3510	1UB2104	104-B2 Tritium Lab (Assessment)	142	143257		
145	D&D	04.B	3510	1UB2109	105 C Water Tunnels (Assessment)	195	143453		
146	D&D	04.B	3510	1UB2203	183 C Filter Plant	2178	145630		
147	D&D	04.B	3510	1UB2204	190 C Complex	893	146523		

RICHLAND ENVIRONMENTAL RESTORATION PROJECT

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FY 1996 Priority List - Revision 1

(B/A in Thousands)

#	Area	Priority Code	ADS	Cost Account	Description	FY96 K$s	CUM K$s	FY 1996 TPA Milestone Reference	FY 1997 TPA Milestone Reference
148	RA	04.C	3300	1P21104	300-FF-1 Feasibility Study	38	146561		
149	RA	04.C	3300	1P21205	300-FF-1 Remedial Design	1689	148249		
150	RA	04.C	3300	1P21206	300-FF-1 Remedial Action (Reflects $884K & waste volume reduction of 6K LCY)	1931	150180		
151	D&D	04.D	3020	1PV5201	RCRA Closures (RCRA Permit Mod in FY 1996 for 183-H)	1156	151336		
152	RA	04.D	3120R	1PE1109	100-HR-1 Direct Project Distributables - Assessment	901	152238		
153	RA	04.D	3120R	1PE1205	100-HR-1 Remedial Design (116-H-7 and 116-H-2)	543	152780		
154	RA	04.D	3120R	1PE1209	100-HR-1 Direct Project Distributables - Remediation	901	153682		
155	RA	04.E	3100	1PA1205	100-DR-1 Remedial Design (116-DR-1 & 116-DR-2)	542	154224		
156	RA	04.E	3100	1PA2104	100-DR-2 Feasibility Studies (FFS/IRM PP due 11/95)	22	154246		
157	RA	04.E.	3100	1PA4102	100-D Ponds Closure Plan (Deficiency resolution and RCRA Permit Mod in FY97)	169	154415		
158	RA	04.E	3100	1PA4201	100-D Ponds ERA (EE/CA due 2/23/96, RA due 7/19/96 and RCRA Permit Mod in FY97)	425	154840		
159	D&D	04.E	3510	1UB4202	190 D Complex	521	155361		
160	RA	04.F	3115R	1PD1104	100-FR-1 Feasibility Studies	36	155397		
161	RA	04.F	3115R	1PD2104	100-FR-2 Feasibility Studies	58	155455		
162	D&D	04.K	3500	1UV1401	Asbestos Abatement (Low risk)	103	155558		
163	RA	05.A	3120R	1PE7104	100 Area Remaining Sites Feasibility Studies	511	156069		
164	RA	05.A	3120R	1PE7109	Burial Ground Strategy	79	156148		
165	RA	05.C	3120R	1PE2104	100-HR-2 Feasibility Studies (Low Priority Sites)	60	156208		
166	RA	05.C	3120R	1PE4104	100-IU-2/IU-6 Feasibility Studies - Defer work scope		156208		
167	GW	05.I	3120G	1PE7105	100 NPL Common Treatability Studies (Bench scale- PO3 treatment for Sr/Cr)	10	156218		
168	GW	05.I	3120G	1PE7106	100 NPL Redox Treatability (Aquifer sediment, water quality testing, & partial construction)	705	156924		
169	RA	05.I	3120R	1PE7108	Land Access Study (Defer release of 65 Sq Miles (RMT Vision))		156924		
170	RA	06.A	3200R	1PL1101	200-BP-1 General Assessment (Mgmt, proj cntrls and admin support)	34	156957		
171	RA	06.A	3200R	1PL1105	200-BP-1 Treatability (continue testing and monitoring of the prototype barrier)	522	157479		
172	RA	06.B	3200R	1PLA101	200-BP-11 General Assessment (Mgmt, proj cntrls and admin support)	11	157490		
173	RA	06.B	3200R	1PLA103	200-BP-11 Planning Documents (Issue final work plan - 12/95)	8	157498		
174	D&D	07.0	3520	1UE1102	Facility Transition (ER Interface & Planning Support - Eliminate Third Party Verification)	359	157857		

					Subtotal	157857			
175	PMGT	01.A	3400	1EA1101	Technology Applications - (Deferred tech reviews, industry searches, & etc)	200	158057		
176	PMGT	01.A	3400	1EA1103	Sample & Data Management - (Add'l funding for S/C to support HEIS II conversion by 9/96)	200	158257		
177	PMGT	01.A	3400	1EA1106	Field Support - (Add'l funding for capital equip additions & requisite maintenance support)	200	158457		
178	PMGT	01.A	3400	1EA3103	ER Project Services - (Add'l S/C funding for procedure maintenance and training)	100	158557		
179	PMGT	01.A	3400	1EA3106	Records & Document Control - (Additional funding for scanning documents into AR)	100	158657		
180	PMGT	01.A	3400	1EA4102	Safety & Health Engineering - (Add'l funding to ensure full compliance with Rad Prot)	100	158757		
181	PMGT	01.A	3400	1EA4103	Environmental Compliance - (Add'l funding to support focused assessment of operations)	100	158857		
182	GW	01.D	3105G	1PB5103	100-BC-5 Characterization (GW monitoring - add one round of sampling, analysis, and etc)	242	159099		
183	GW	01.D	3110G	1PC4103	100-KR-4 Characterization (GW monitoring - add one round of sampling, analysis, and etc)	189	159288		
184	GW	01.D	3115G	1PD3103	100-FR-3 Characterization (GW monitoring - add one round of sampling, analysis, and etc)	267	159555		
185	GW	01.D	3120G	1PE3103	100-HR-3 Characterization (GW monitoring - add one round of sampling, analysis, and etc)	219	159774		
186	GW	01.E	3200G	1PL5101	200-BP-5 General Assessment (Mgmt, Proj Cntrls, and Admin support for GW monitoring)	23	159797		
187	GW	01.E	3200G	1PL5103	200-BP-5 Characterization (GW monitoring of ~40 wells)	137	159935		
188	GW	01.E	3200G	1PL5105	200-BP-5 Treatability	15	159949		
189	100N	02.A	3600	1UN4102	Emergency Dump Basin (S/C to dewater and remove sediment) 2a	1202	161151		
190	100N	02.B	3125	1PG2207	100-NR-2 ERA Pump & Treat Upgrade - Deferred S/C work	1217	162368		
191	GW	02.C	3230G	1PT1204	200-UP-1 IRM Implement (Labor support for 3 new P&T wells)	577	162945		
192	GW	02.C	3230G	1PT1204	200-UP-1 IRM Implement (Labor support for Phase II upgrades)	52	162997		

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RICHLAND ENVIRONMENTAL RESTORATION PROJECT

FY 1996 Priority List - Revision 1

(B/A in Thousands)

#	Area	Priority Code	ADS	Cost Account	Description	FY96 K$s	CUM K$s	FY 1996 TPA Milestone Reference	FY 1997 TPA Milestone Reference
193	GW	02.C	3230G	7PT1208	200-UP-1 Phase II Construct/Install (Piping, bulter bldg and automation cntrl upgrades)	184	163181		
194	D&D	02.D	3520	1UEA401	233-S PU Concentration Facility - Readiness review, NEPA & Project Plan	500	163681		
195	RA	03.A	3300	1P22104	300-FF-2 Feasibility Study (FFS/IRM PP)	89	163770		TWP-FF2-02/03
196	ERDF	04.A	3700	1CF1301	Facility Operations - Termination liability (Operations contract)	1370	165140		
197	ERDF	04.A	3700	1CF1304	Transportation - Reduced waste volume - 15K LCY	190	165330		
198	RA	04.B	3105R	1PB1210	116-C-1 RA Implement (Mgmt, excavation, analytical, treat. & site c/o - waste volume 9K LCY)	1000	166330		
199	RA	04.C	3300	1P21206	300-FF-1 Remedial Action (Waste Volume - 6K LCY)	1000	167330		
200	RA	05.C	3120R	1PE4104	100-IU-2/IU-6 Feasibility Studies	176	167506		
201	GW	05.I	3120G	1PE7105	100 NPL Common Treatability Studies (Field Implementation - Construction, OPS & data mgmt)	365	167871		
202	GW	05.I	3120G	1PE7106	100 NPL Redox Treatability Studies (Deferred construction part)	489	168360		
203	RA	05.I	3120R	1PE7108	Land Access Study (Release of 65 Sq Miles (RMT Vision))	385	168745		
204	D&D	07.0	3520	1UE1102	Facility Transition (Third party verification i.e., roof integrity)	150	168895		

					Subtotal	11038			
					ERC Grand Total for FY 1996	168895			

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9.0 PROGRAM GUIDANCE - FY 1998 ADS PROCESS

Assumptions for the ADS planning cycle are included in this section. These assumptions were developed to support the U.S. Department of Energy-Headquarters Unified Field Budget call for 1998 after the MYPPs were approved and the differences have not been incorporated into the RL Site Summary Baseline.

GENERAL (APPLICABLE TO ALL PROGRAMS)

- Waste Minimization and Pollution Prevention. Site programs will implement waste minimization and pollution prevention activities designed to prevent pollution from entering the environment; conserve resources and energy; and reduce the quantity and toxicity of hazardous, radioactive, mixed, and sanitary waste generated at the Hanford Site.

- Safeguards and Security. Site programs will conduct the necessary planning for and implementation of safeguards and security measures to ensure protection and accountability of materials. Special emphasis should be placed on protection during the next 7 years as there will be increased handling, consolidation, and relocation of materials. This emphasis will be especially relevant to SNF, Solid Waste, Advanced Reactors, and Transition Projects. Radiological and toxicological sabotage assessments should be completed and funding needs identified to resolve validated vulnerabilities. Completion of the safeguards and security system replacement currently underway at PFP is essential to minimizing out-year costs.

1.1 TWRS (EM-30)

- The Tri-Party Agreement and its amendments will continue to provide the basis for much of the cleanup activity at the Hanford Site. There are assumptions associated with the Tri-Party Agreement that must be considered when resolving issues, such as funding.

- Privatization will be accomplished in two phases: demonstration of performance in a privately owned plant (Phase 1) and large-scale, production operations in a privately owned plant (Phase 2). Phase 1 will not include retrieval. Decontamination and decommissioning of the facilities is the responsibility of the private contractor.

- Responses to the policy and programmatic issues from the system requirements review action plan will be accepted. See Figure 2-1 for the list of policy and programmatic issues.

- Current planning assumes full retrieval with 99% removal of waste.

- As agreed to in the Tri-Party Agreement, disposition and closure of all tank farm structures will be done under RCRA TSD criteria rather than using RCRA past-practice criteria for the SSTs.

- Glass will be the likely immobilization medium for HLW and LLW fractions.

- An overpack configuration of the existing capsule material will be acceptable for repository disposal.

- For planning purposes, it is assumed that contaminated soil from earlier tank leaks located beneath SSTs will be left in place without treatment, and will be protected by the same barrier cover installed over the tank structures. Contaminated soil associated with cleanup/removal of ancillary equipment will be remediated.

1.2 AND 1.5 WASTE PROGRAMS (EM-30)

Solid Waste

- Startup and operation of the LLW line in Waste Receiving and Processing Module 1 will meet Tri-Party Agreement Milestone M-18 on March 31, 1997.

- Contact-handled low-level mixed waste stabilization treatment will consist of direct disposal, onsite treatment, and commercial treatment. Transfer of waste to the vendor awarded the contact-handled low-level mixed waste stabilization treatment contract in June 1996 will meet Tri-Party Agreement Milestone M-19 on September 30, 1999.

- The WIPP will be able to receive waste from the Hanford Site until all Hanford Site TRU waste is transported to WIPP. Assuming the current funding profile, the Hanford Site will begin WIPP shipments no sooner than FY 2006.

- No retrieval or processing of TRU waste will be conducted before 2005.

- Continued storage of mixed wastes requiring incineration is acceptable to regulators. Mixed waste requiring thermal treatment (contact-handled low-level mixed waste) may be treated by commercial contract awarded in November 1995.

Liquid Effluents

- The Effluent Treatment Facility is scheduled to operate 6 months in FY 1996 with 11 Mgal of feed.

- It is assumed that there will be no accumulation of solids in the Liquid Effluent Retention Facility basins requiring special cleanout actions.

- Assume the National Pollutant Discharge Elimination System permit re-opener negotiations are successful, and the 300 Area Treated Effluent Disposal Facility remains compliant, continue to operate with the current process train.

- Interim milestones will be negotiated into the Tri-Party Agreement to allow transition of the 340 Facility from a less than 90-day storage facility to a RCRA TSD permitted storage facility.

Analytical Services

- Facility life extension for 222-S will be maintained to approximately 2025 when a replacement laboratory is planned.

- Renegotiate the scope of Tri-Party Agreement Milestone M-32-02 to reflect funding levels for Project W-087, 222-S Radioactive Waste Transfer Line Replacement.

RCRA

- One new monitoring site per year will begin groundwater Quality Assessment monitoring.

- Average cost for decommissioning wells is estimated at $40K per well.

- The key assumptions in planning the RCRA Groundwater Well Installation activity are as follows.

  - The Tri-Party Agreement requirement to install up to 50 new RCRA wells per year will be formally revisited in FY 1996.

  - Specific needs for FY 1996 are much less than 50 wells, and the program will not proceed with the 15 deep wells in FY 1996.

  - Fifteen deep characterization wells, required by a Tiger Team finding, are estimated as nonhazardous and nonradioactive, but require extensive sampling during drilling.

  - Initially identified wells to be installed during 1996 include one (1) well at the Nonradioactive Dangerous Waste Landfill (M-24-00), one (1) well at the SSTs, and two (2) wells at the 216-A37-1 Crib. These are included in the scope. The Washington State Department of Ecology may require additional wells.

1.4 SNFs (EM-30)

- To achieve the aggressive schedule to commence removing fuel from the K Basins by December 1997 will require that business-as-usual methodologies are challenged and innovative work around strategies are implemented. Key administrative and management assumptions used during the development of

this technical, schedule, and cost baseline follow. Approval of innovative and expedited contracting/acquisition strategies which maximize the use of commercial nuclear standardized designs, experience, and infrastructure associated with spent fuel storage and transportation will be used.

- The DOE, in conjunction with WHC, will provide for an expedited capital project authorization process.

- The necessary capital and expense funds will be provided to support the expedited schedule.

- It is anticipated that sludge generated during the removal of SNF will be managed as dangerous waste and will be shipped to the TWRS.

1.7.1 PNNL (EM-30)

- The WHC Special Case Waste Storage Facility (WHC Project W-272, WHC ADS 2200-0 TDD AR) will be established on time to meet the B Cell M89-02 Tri-Party Agreement milestone.

- The PNNL Category II nuclear facilities will continue to support the Hanford Site cleanup mission and require S&M activities.

- No permanent storage of ^{137}CsCl will be permitted in the 300 Area. This material must be repackaged and transferred to WESF or other facilities outside the 300 Area as soon as possible.

1.8.2 PLANNING INTEGRATION

- The Planning Integration MYPP assumes that a Management and Integrating Contractor will be selected in FY 1996 with a commensurate transition from the current Management and Operations Contractor being complete by September 30, 1996. This situation is the rationale for providing only FY 1996 data in this MYPP as specific responsibilities for work scope beyond the end of FY 1996 cannot be defined now.

2.0 RERP (EM-40)

- The first 100 Area soil remediation Record of Decision was issued September/October 1995.

- The 300 Area Record of Decision will be issued during the Winter/Spring of 1996.

- Groundwater operable units will be remediated in accordance with the Hanford Site Groundwater Sitewide Remediation Strategy (i.e., containment and mass reduction), and in compliance with Records of Decision.

- The 100 Area reactors will be placed in interim safe storage with eventual disposition of one piece removal of the reactor block and burial in the 200 Area.

- The N Reactor Deactivation activities will be complete by April 1, 1997, 6 months ahead of schedule. Funding beyond target level, as identified in this work plan, is required to accomplish this acceleration.

- A decision on the N Springs barrier wall has been deferred until after February 1996. If needed, a baseline change proposal will be submitted to add scope and budget.

7.0 TRANSITION PROJECTS (EM-60)

- The funds Defense Programs currently provides to Transition Projects ($20,679,000 annually) will be transferred from Defense Programs to EM-60 in FY 1997.

- In B Plant, the ability to adequately isolate the radiological inventory in the high-efficiency filters and effect a recategorization of the facility to a low-hazard facility is not certain but is used as a reasonable planning assumption.

- Cesium and strontium capsules will be stored at WESF. The dry storage option will be evaluated. B Plant stabilization and transition project will be completed on or before September 1998.

- Completion of the 300 Area Fuel Supply Shutdown Program will be accelerated to mid-FY 1999.

- The north portion of the 313 Building will be leased for 3 years, from August 1994 to August 1997. Planning assumes the building will be shut down in FY 1998 unless added lease time is negotiated.

- Discussion will continue with EM-40 to decide 313 Building transfer and demolition. No funding for 313 Building demolition has been identified in this program plan. EM-60 will provide FY 1996 and FY 1997 funds for isolation of the south portion of the 313 Building.

- The Hanford Site has 35 identified plutonium environmental, safety, and health vulnerabilities. Many of the identified vulnerabilities will be corrected through the stabilization and packaging activities required by the Defense Nuclear Facility Safety Board Recommendation 94-1 Implementation Plan. Others will be corrected as a part of plutonium handling facilities transition (deactivation)

to the Environmental Restoration Program. The remaining cannot be fully corrected until environmental restoration is complete. The plan to respond to Defense Nuclear Facility Safety Board 94-1 will be met. Vulnerabilities associated with stabilization and packaging of plutonium bearing materials will be mitigated by May 2002.

- A variety of dissimilar fuel types are or will be stored at PFP, including Los Alamos molten plutonium reactor experiment fuel, FFTF fuel, and SNM. The planning basis assumes that these SNF inventories will remain at PFP at least until final disposition is determined through the SNF environmental impact statement. Storage of SNM within existing PFP secure vault areas will continue throughout the foreseeable future. As permitted by the State of Washington and required by Site support needs, SNM will be consolidated at PFP to permit the reduction in the number of protected areas throughout the Hanford Site.

- The unirradiated FFTF fuel pins and assemblies at PFP are considered acceptable as-is for long-term storage and no further actions are envisioned for these materials.

- The PUREX plant will be transitioned to EM-40 in 1997. EM-60 will provide S&M funding until EM-40 can program funding into its budget cycle.

- The PFP dangerous waste tank integrity assessments and related reports will be completed in FY 1998, but no related upgrades other than those already planned will be required by the assessments.

- The PFP Transition Project end point is anticipated in FY 2008 or earlier. This end point is NOT the cessation of all activities as with other Hanford Site facilities. Instead, this end point assumes the continued operation of all SNM shipping, receiving, storage and vault systems, including all safeguards and security systems plus laboratory capabilities as needed, for an indefinite period.

- The Hanford Site will continue to receive SNM from other sites to support the DOE national mission. Quantities received will not exceed current storage capacity.

7.3 ART (EM-60)

- The fuel storage vessels will be defueled. The fueled components will be washed, packaged, and stored in the 400 Area interim storage area and the PFP Protected Area. The sodium-bonded metal fuel will be washed and stored until it can be shipped to Idaho National Engineering Laboratory after 2000.

- Disposition of the NE Legacy items will continue consistent with WHC-SD-FF-MP-001, Hanford Site Sodium Management Plan (Guttenberg 1995).

7.5 LANDLORD PROGRAM

- Although the infrastructure is aging, planning is based on as-needed maintenance and replacements only, with no upgrades or outyear mortgages.
- Only normal anticipated operation, maintenance, and administrative activities will occur during the planning period.
- The current steam production operations in the 284 East and 384 Facilities will be required for FY 1996, but will be terminated before FY 1997.

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10.0 REFERENCES

Comprehensive Environmental Response, Compensation, and Liability Act of 1980, 42 USC 9601, et seq.

DOE, 1994, Waste Minimization/Pollution Prevention Crosscut Plan, U.S. Department of Energy, Washington, D.C.

DOE, 1988, Radioactive Waste Management, DOE Order 5820.2A, U.S. Department of Energy, Washington, D.C.

DOE-RL, 1987, Plan and Schedule to Discontinue Disposal of Contaminated Liquids into the Soil Column at the Hanford Site, U.S. Department of Energy-Richland Field Office, Richland, Washington.

Ecology, EPA, and DOE, 1994, Hanford Federal Facility Agreement and Consent Order, as amended, Washington State Department of Ecology, U.S. Environmental Protection Agency, and U.S. Department of Energy, Olympia, Washington.

EPA, 1994, U.S. Environmental Protection Agency Biennial Report on Waste Minimization, U.S. Environmental Protection Agency, Washington, D.C.

Guttenberg, S., 1995, Hanford Site Sodium Management Plan, WHC-SD-FF-MP-001, Rev. 1, Westinghouse Hanford Company, Richland, Washington.

Knutson, B. J., 1995, Tank Waste Remediation System Mission Analysis, WHC-SD-WM-MAR-008, Rev. 0, Westinghouse Hanford Company, Richland, Washington.

National Environmental Policy Act of 1969, 42 USC 4321, et seq.

RL, 1995a, Hanford Site Pollution Prevention Plan Progress Report - 1994, DOE/RL-94-96, Rev. 1, U.S. Department of Energy, Richland Operations Office, Richland, Washington.

RL, 1995b, Annual Report on Waste Generation and Waste Minimization Progress for the Hanford Site - 1994, DOE/RL-95-84, U.S. Department of Energy, Richland Operations Office, Richland, Washington.

RL, 1995c, Hanford Strategic Plan, DOE-RL-D94-048, Rev. 0, U.S. Department of Energy, Richland Operations Office, Richland, Washington.

WHC 1995a, Fast Flux Text Facility Transition Project Plan, Westinghouse Hanford Company, Richland, Washington.

WHC, 1995b, Fiscal Year 1995 Hanford Mission Plan, Westinghouse Hanford Company, Richland, Washington.

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11.0 GLOSSARY

ABBREVIATIONS AND ACRONYMS

ADS	activity data sheet
ART	Advanced Reactor Transition
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act of 1980
D&D	decontamination and decommissioning
DOE	U.S. Department of Energy
DST	double-shell tank
EM	Office of Environmental Restoration and Waste Management
EPA	U.S. Environmental Protection Agency
ERC	Environmental Restoration Contractor
FFTF	Fast Flux Test Facility
FY	fiscal year
HAMMER	Hazardous Materials Management and Emergency Response
HEMP	Hanford Environmental Management Program
HLW	high-level waste
HSFP	Hanford Surplus Facility Program
IAEA	International Atomic Energy Agency
LLW	low-level waste
MYPP	multi-year program plan
NE	Office of Nuclear Energy
NEPA	National Environmental Policy Act
NF	nuclear fuel
NM	nuclear materials
PFP	Plutonium Finishing Plant
PNNL	Pacific Northwest National Laboratory
PUREX	Plutonium-Uranium Extraction
RCRA	Resource Conservation and Recovery Act of 1976
RERP	Richland Environmental Restoration Project
RL	U.S. Department of Energy, Richland Operations Office
S&M	surveillance and maintenance
SNF	spent nuclear fuel
SNM	special nuclear materials
SST	single-shell tank
TRU	transuranic
TSD	treatment, storage, and disposal
TWRS	Tank Waste Remediation System
WBS	work breakdown structure
WESF	Waste Encapsulation and Storage Facility
WHC	Westinghouse Hanford Company
WIPP	Waste Isolation and Pilot Plant
WMin/P2	Waste Minimization/Pollution Prevention

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