

Project Baseline Summary Report

Data Source: **EM CDB**

Operations/Field Office: **Richland**

Site Summary Level: **Hanford Site**

Project **RL-TP14 / Hanford Surplus Facility Program 300 Area Revitalization Project**

Report Number: **GEN-01b**

Print Date: **3/9/2000**

HQ ID: **0414**

General Project Information

Project Description Narratives

Purpose, Scope, and Technical Approach:

Purpose: As a result of Hanford site mission change from defense production to cleanup and downsizing, the 300 area has a number of excess facilities requiring disposition beyond simple removal.

Seven buildings were assigned to the Facility Stabilization Project in FY1998 and the minimum surveillance and maintenance for them is funded from this PBS. They are 321, 321B, 321C, 321D, 3706, 3706A and 377.

The purpose of this project is to provide a path forward for the seven facilities currently assigned to this PBS. In future years Miscellaneous Engineering and radiological facilities, 325, 326, 329, 306W and the 331 facilities are planned to be transferred to this PBS. The path forward for these facilities includes:

- Monitoring and maintenance of facilities and grounds as required to assure containment of the radioactive and hazardous material.
- Stabilization and deactivation of contaminated facilities.
- Alternative cleanup of facilities, removing the legacy and liabilities of DOE operations ONLY TO THE EXTENT NECESSARY for facility and area alternative use.
- Final disposition of facilities including sale, dismantlement for salvage, demolition, and alternate use of facilities where facility re-use is economically and practically feasible.

Scope: Specific project scope from the Hanford Site technical baseline is provided below in terms of the systems that the project has responsibility for.

Misc Engineering Laboratories

- **Maintain Safe & Compliant Misc Engineering Laboratories:** During Transition, maintain the Misc Engineering Laboratories facility structures, operating systems and equipment, and monitoring systems within the approved safety and compliance requirements until the facilities are made available for clean-up.

325 Facility

- **Maintain Safe & Compliant 325 Facility:** Maintains safe & compliant 325 Building upon its turnover (not expected until after 2030). Activities at this time will include: corrective maintenance and preventative maintenance to maintain facility systems and structures (including equipment calibrations); routine radiological surveys, source checks, and dosimetry; ventilation/power and operational surveillances; procedure maintenance; environmental compliance; waste handling; assessments/evaluations; emergency response planning and associated training; quality and safety oversight; and performing minimum safe upgrades which may be necessary.

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· Transition 325 Facility: Transitions the 325 Building upon its turnover (not expected until after 2030). Transition activities include: performing facility assessment and characterization activities; developing NEPA and other regulatory documentation, deactivation plans, post-deactivation surveillance and maintenance (S&M) plans, deactivation endpoints and a turnover package; flushing, isolating and blanking of process or subprocess systems; removing radioactive and hazardous materials and mixed wastes; deactivating non-essential systems and utilities; removing excess materials and equipment where economical; reconfiguring systems to facilitate post-deactivation S&M and eventual decontamination and decommissioning (D&D); "mothballing" of systems necessary for post-deactivation S&M and D&D; performing limited decontamination and stabilizing of radioactive contamination; closing facility penetrations to prevent bird, animal and weather intrusion; and performing project management.

326 Facility

· Maintain Safe & Compliant 326 Facility: Maintains safe & compliant 326 Building upon its turnover (not expected until after FY 2030). Activities at this time will include: corrective maintenance and preventative maintenance to maintain facility systems and structures (including equipment calibrations); routine radiological surveys, source checks, and dosimetry; ventilation/power and operational surveillances; procedure maintenance; environmental compliance; waste handling; assessments/evaluations; emergency response planning and associated training; quality and safety oversight; and performing minimum safe upgrades which may be necessary.

· Transition 326 Facility: Transitions the 326 Building upon its turnover (not expected until FY 2030). Transition activities include: performing facility assessment and characterization activities; developing NEPA and other regulatory documentation, deactivation plans, post-deactivation surveillance and maintenance (S&M) plans, deactivation endpoints and a turnover package; flushing, isolating and blanking of process or subprocess systems; removing radioactive and hazardous materials and mixed wastes; deactivating non-essential systems and utilities; removing excess materials and equipment where economical; reconfiguring systems to facilitate post-deactivation S&M and eventual decontamination and decommissioning (D&D); "mothballing" of systems necessary for post-deactivation S&M and D&D; performing limited decontamination and stabilizing of radioactive contamination; closing facility penetrations to prevent bird, animal and weather intrusion; and performing project management.

329 Facility

· Maintain Safe & Compliant 329 Facility: Maintains safe & compliant 329 Building upon its turnover (not expected until after 2030). Activities at this time will include: corrective maintenance and preventative maintenance to maintain facility systems and structures (including equipment calibrations); routine radiological surveys, source checks, and dosimetry; ventilation/power and operational surveillances; procedure maintenance; environmental compliance; waste handling; assessments/evaluations; emergency response planning and associated training; quality and safety oversight; and performing minimum safe upgrades which may be necessary.

· Transition 329 Facility: Transitions the 329 Building upon its turnover (not expected until FY 2030). Transition activities include: performing facility assessment and characterization activities; developing NEPA and other regulatory documentation, deactivation plans, post-deactivation

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surveillance and maintenance (S&M) plans, deactivation endpoints and a turnover package; flushing, isolating and blanking of process or subprocess systems; removing radioactive and hazardous materials and mixed wastes; deactivating non-essential systems and utilities; removing excess materials and equipment where economical; reconfiguring systems to facilitate post-deactivation S&M and eventual decontamination and decommissioning (D&D); "mothballing" of systems necessary for post-deactivation S&M and D&D; performing limited decontamination and stabilizing of radioactive contamination; closing facility penetrations to prevent bird, animal and weather intrusion; and performing project management.

· Provide PNNL Waste Management Services at 329 Facility: Maintains safe & compliant 329 Building operations. Activities at this time will include: corrective maintenance and preventative maintenance to maintain facility systems and structures (including equipment calibrations); routine radiological surveys, source checks, and dosimetry; ventilation/power and operational surveillances; procedure maintenance; environmental compliance; waste handling; assessments/evaluations; emergency response planning and associated training; quality and safety oversight; and performing minimum safe upgrades which may be necessary.

306W

· Maintain Safe & Compliant 306W: Maintains safe & compliant 306W Building upon its turnover (expected FY 2008). Activities at this time will include: corrective maintenance and preventative maintenance to maintain facility systems and structures (including equipment calibrations); routine radiological surveys, source checks, and dosimetry; ventilation/power and operational surveillances; procedure maintenance; environmental compliance; waste handling; assessments/evaluations; emergency response planning and associated training; quality and safety oversight; and performing minimum safe upgrades which may be necessary.

· Transition 306W: Transitions the 306 E&W Building upon its turnover (expected FY 2008). Transition activities include: performing facility assessment and characterization activities; developing NEPA and other regulatory documentation, deactivation plans, post-deactivation surveillance and maintenance (S&M) plans, deactivation endpoints and a turnover package; flushing, isolating and blanking of process or subprocess systems; removing radioactive and hazardous materials and mixed wastes; deactivating non-essential systems and utilities; removing excess materials and equipment where economical; reconfiguring systems to facilitate post-deactivation S&M and eventual decontamination and decommissioning (D&D); "mothballing" of systems necessary for post-deactivation S&M and D&D; performing limited decontamination and stabilizing of radioactive contamination; closing facility penetrations to prevent bird, animal and weather intrusion; and performing project management.

Misc Radiological Laboratories

· Maintain Safe & Compliant Misc Rad Labs: Maintains safe & compliant Miscellaneous Laboratories after their turnover. Activities at this time will include: corrective maintenance and preventative maintenance to maintain facility systems and structures (including equipment calibrations); routine radiological surveys, source checks, and dosimetry; ventilation/power and operational surveillances; procedure maintenance; environmental compliance; waste handling; assessments/evaluations; emergency response planning and associated training; quality and safety oversight; and performing minimum safe upgrades which may be necessary.

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Maintain Safe & Compliant 320/3720/3745 Buildings upon their turnover. Activities at this time will include: corrective maintenance and preventative maintenance to maintain facility systems and structures (including equipment calibrations); routine radiological surveys, source checks, and dosimetry; ventilation/power and operational surveillances; procedure maintenance; environmental compliance; waste handling; assessments/evaluations; emergency response planning and associated training; quality and safety oversight; and performing minimum safe upgrades which may be necessary.

· Transition Misc Rad Labs: Transitions Miscellaneous Laboratories in FY 2003. Transition activities include: performing facility assessment and characterization activities; developing NEPA and other regulatory documentation, deactivation plans, post-deactivation surveillance and maintenance (S&M) plans, deactivation endpoints and a turnover package; flushing, isolating and blanking of process or subprocess systems; removing radioactive and hazardous materials and mixed wastes; deactivating non-essential systems and utilities; removing excess materials and equipment where economical; reconfiguring systems to facilitate post-deactivation S&M and eventual decontamination and decommissioning (D&D); "mothballing" of systems necessary for post-deactivation S&M and D&D; performing limited decontamination and stabilizing of radioactive contamination; closing facility penetrations to prevent bird, animal and weather intrusion; and performing project management.

Transitions the 320/3720/3745 Buildings upon their turnover. Transition activities include: performing facility assessment and characterization activities; developing NEPA and other regulatory documentation, deactivation plans, post-deactivation surveillance and maintenance (S&M) plans, deactivation endpoints and a turnover package; flushing, isolating and blanking of process or subprocess systems; removing radioactive and hazardous materials and mixed wastes; deactivating non-essential systems and utilities; removing excess materials and equipment where economical; reconfiguring systems to facilitate post-deactivation S&M and eventual decontamination and decommissioning (D&D); "mothballing" of systems necessary for post-deactivation S&M and D&D; performing limited decontamination and stabilizing of radioactive contamination; closing facility penetrations to prevent bird, animal and weather intrusion; and performing project management.

Misc Radiological Facilities

· Maintain Safe & Compliant HSFP Misc. Facilities: Maintains safe & compliant Miscellaneous Facilities. Activities at this time will include: corrective maintenance and preventative maintenance to maintain facility systems and structures (including equipment calibrations); routine radiological surveys, source checks, and dosimetry; ventilation/power and operational surveillances; procedure maintenance; environmental compliance; waste handling; assessments/evaluations; emergency response planning and associated training; quality and safety oversight; and performing minimum safe upgrades which may be necessary.

· Transition HSFP Misc. Facilities: Transitions Miscellaneous facilities beginning in FY 2001. Transition activities include: performing facility assessment and characterization activities; developing NEPA and other regulatory documentation, deactivation plans, post-deactivation surveillance and maintenance (S&M) plans, deactivation endpoints and a turnover package; flushing, isolating and blanking of process or subprocess systems; removing radioactive and hazardous materials and mixed wastes; deactivating non-essential systems and utilities; removing excess materials and equipment where economical; reconfiguring systems to facilitate post-deactivation S&M and eventual decontamination and decommissioning (D&D); "mothballing" of systems necessary for post-deactivation S&M and D&D; performing limited decontamination and stabilizing of radioactive contamination; closing facility penetrations to prevent bird, animal and weather intrusion; and performing project management.

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331 Facility

· Transition 331 Facility: Transition 331 Facility upon its turnover (not expected until FY 2030). Transition activities include: performing facility assessment and characterization activities; developing NEPA and other regulatory documentation, deactivation plans, post-deactivation surveillance and maintenance (S&M) plans, deactivation endpoints and a turnover package; flushing, isolating and blanking of process or subprocess systems; removing radioactive and hazardous materials and mixed wastes; deactivating non-essential systems and utilities; removing excess materials and equipment where economical; reconfiguring systems to facilitate post-deactivation S&M and eventual decontamination and decommissioning (D&D); "mothballing" of systems necessary for post-deactivation S&M and D&D; performing limited decontamination and stabilizing of radioactive contamination; closing facility penetrations to prevent bird, animal and weather intrusion; and performing project management.

· Disposition 331 Facility: Decontaminate and decommission the 331A Building.

Technical Approach: The end point targets in the Hanford Strategic Plan addressed by this project include:

- Reuse facilities in the south 600 area for economic diversification where feasible.
- Transition high cost surplus facilities in the South 600 Area to a low cost, stable, deactivated condition.

The technical approach and technology initiatives for the Project to accomplish the Hanford Strategic Plan end point targets are identified below.

· Technical Objectives - Hanford Surplus Facility Program 300A Revitalization: Monitoring and Minimum safe S&M of excess contaminated facilities will be performed as necessary prior to and during deactivation and prior to and during contaminated facility refurbishment to ensure they are kept in a safe and compliant status. Stakeholders and Regulators will be actively involved during project planning, deactivation, and refurbishment.

Initially, a strategic plan for the deactivation of 300 Area facilities will be developed. The current missions for facilities will be examined. Facility assessments will be performed to provide information to determine the relative risk of each facility and develop a scope of work to perform minimum safe surveillance and maintenance, deactivation or refurbishment. Specific facility endpoints will be developed and a prioritization of the facilities will be performed based upon risk reduction, mortgage reduction and maximization of cleanup progress. A schedule showing the sequence of building deactivations and necessary funding will be developed and captured in a 300 Area Deactivation Project Management Plan (300ADPMP). Existing regulatory documentation will be reviewed and new documentation prepared as necessary.

The project is anticipated to use a phased approach to perform physical work by using small, specialized work groups in combination with a small number of people having specific building knowledge. Teams specialized in building evaluation, relocation of people and equipment, contamination removal and fixation, facility deactivation, facility conversion and facility D&D will be formed. Contract teams will be chosen based upon knowledge, experience and past performance. The buildings will then be put through these various stages sequentially. Facilities are anticipated to be geographically grouped as they go through this process (306E and 306W together; 340, 340A, 340B together, etc.)

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Land/Facility/Resource availability will be greatly enhanced by making the endpoint for transition the lease, sale, or transfer of DOE property to the public whenever possible.

Project Status in FY 2006:

Misc Radiological Laboratories

- 337 Building, 3708 Building, 3720 Building and 314 Building Deactivation will be complete.

Misc Radiological Facilities

- 321 Facility, 3706 Facility, 3731 Facility and 3762 Building deactivation will be complete.

Post-2006 Project Scope:

325 Facility

- 325 Building will begin in FY2030 and complete the end of FY2033
- Deactivation of 325 will begin in FY2030 and complete the end of FY 2033.

326 Facility

- 326 Building S&M will begin in FY2030 and complete the end of FY2032.
- Deactivation of 326 will begin in FY2030 and complete the end of FY2032

329 Facility

- 329 Building S&M will begin in FY2030 and complete the end of FY2032.
- Deactivation of 329 will begin in FY2030 and complete the end of FY2032.

306W

- 306W S&M will begin in FY 2008 and complete the end of 2012
- Deactivation of 306W will begin in FY2009 and complete the end of FY2012.

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· Deactivation of 3745B Building, 303C Building, 318 Building, 3746A Building and 323 Building will begin in FY2007 and complete the end of FY2010.

· Deactivation of 320 will begin in FY2030 and complete the end of FY2032.

· 3745B, 303C, 318, 3746A and 323 Building S&M will begin in FY2007 and complete the end of FY2010.
320 Building S&M will begin in FY2030 and complete the end of FY2032.

Misc Radiological Facilities

· Misc. contaminated facilities S&M will continue to occur until the end of FY2012.

· Deactivation of Misc. contaminated facilities will continue to occur until the end of FY2012.

331 Facility

· Deactivation of 331 Facility will begin in FY2030 and complete the end of FY2032.

Project End State

Specific work activities to close the facilities under this Project to be performed by others at the end of this Project's mission are identified below. Misc

Engineering Laboratories

Work associated with facility performed by Surveillance & Maintenance:

S&M Misc Engineering Laboratories

Work associated with facility performed by Engineering Labs:

Provide Engineering Laboratory Services

Work associated with facility performed by Landlord:

Disposition Misc Engineering Laboratories

Work associated with facility performed by PNNL Waste Management:

Transition Misc Engineering Laboratories

Provide PNNL Waste Management Services at Misc Engineering Laboratories

325 Facility

Work associated with facility performed by PNNL Waste Management:

Maintain Safe & Compliant Materials in 325 Facility

Provide PNNL Waste Management Services at 325 Facility

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Project Description Narratives

Remove Material from 325 Facility

Work associated with facility performed by Surveillance & Maintenance:

S&M 325 Facility

Work associated with facility performed by 300 Area Source Remedial Action:

Decontaminate & Decommission 325 Facility

326 Facility

Work associated with facility performed by Surveillance & Maintenance:

S&M 326 Facility

Work associated with facility performed by PNNL Waste Management:

Provide PNNL Waste Management Services at 326 Facility

Work associated with facility performed by 300 Area Source Remedial Action:

Decontaminate and Decommission 326 Facility

329 Facility

Work associated with facility performed by 300 Area Source Remedial Action:

Decontaminate and Decommission 329 Facility

Work associated with facility performed by PNNL Waste Management:

Remove Material from 329 Facility

Maintain Safe & Compliant Materials in 329 Facility

Work associated with facility performed by Surveillance & Maintenance:

S&M 329 Facility

306W

Work associated with facility performed by NDE Labs:

Provide Nondestructive Examination Services

Work associated with facility performed by PNNL Waste Management:

Maintain Safe & Compliant Materials in 306W Facility

Remove Material from 306W Facility

Provide PNNL Waste Management Services at 306W

Work associated with facility performed by Surveillance & Maintenance:

S&M 306W Facility

Work associated with facility performed by 300 Area Source Remedial Action:

Decontaminate and Decommission 306W

Misc Radiological Laboratories

Work associated with facility performed by PNNL Waste Management:

Maintain Safe & Compliant Materials in Misc Rad Labs

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Project Description Narratives

Provide PNNL Waste Management Services at Misc Rad Labs

Remove Material from Misc Rad Labs

Provide Radiological Calibration Laboratory Services

Work associated with facility performed by Surveillance & Maintenance:

S&M Misc Rad Labs

Work associated with facility performed by Decontamination & Decommissioning:

Decontaminate and Decommission Misc Rad Labs

Misc Radiological Facilities

Work associated with facility performed by 300 Area Source Remedial Action:

Decontaminate and Decommission (D&D) HSFP Misc. Radiological Facilities

331 Facility

Work associated with facility performed by Surveillance & Maintenance:

S&M 331 Facility

Work associated with facility performed by PNNL Waste Management:

Provide PNNL Waste Management Services at 331 Facility

Provide Biological Laboratory Services

Cost Baseline Comments:

The project cost estimates and schedule are based upon the following key assumptions:

-Since the actual facilities (with the exception of those currently within the scope of this project) and total scope to deactivate, or refurbish contaminated facilities has not yet been determined, deactivation end point criteria and project management plans will be developed to establish the project scope, cost, schedules and more accurate performance measures.

-Deactivation or refurbishment will not occur unless sufficient funding is available to permit the development of project management plans and necessary environmental documentation so physical work can begin as excess contaminated facilities are received.

-Even though S&M budget has been planned for this project, 3 years advance notice of transfer should be received to allow the additional S&M budget to be planned, requested and approved. If this amount of lead time cannot be provided, additional funding may need to be provided by the sending program in cases where existing S&M budget is not sufficient.

-It is assumed that all contaminated facilities needing refurbishment or deactivation will be accepted into this project by FY 2002.

-Decontamination & Decommissioning (D&D) for 300 Area facilities are not included in this project. D&D of contaminated facilities is assumed to be currently planned by E.R.C.

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-The NE Legacy project will complete removal of sodium, and associated equipment from 300 Area facilities prior to the end of FY 2002. Costs to remove the sodium and associated equipment are not included in this project.

-Cost to develop alternate, or modify existing SNM/NM/NF storage locations outside the 300 Area, to treat or otherwise stabilize SNM/NM/NF materials, except as necessary to consolidate and remove them from the 300 Area, are not included in this project. It is further assumed that SNM/NM/NF inventories currently in the 300 Area Fuel Supply facilities will be relocated prior to FY 2002 using funds that are not included in this project.

-Refurbishment activities include only those deactivation actions necessary to allow a facility to perform a new mission. Costs to upgrade facility infrastructure systems, structural repairs, and removal/stabilization or isolation/shielding of radioactive materials are included. Costs connected with providing specialized processing equipment are not included.

-This project does not perform or provide funding for any Operable Unit remediation (i.e. washing or removal of contaminated soil, ground water treatment, remediation of underground piping, tanks, waste burial grounds, cribs, ditches, ponds, etc.).

Safety & Health Hazards:

As a result of Hanford site mission change from defense production to cleanup and downsizing, the 300 area has a number of excess facilities requiring disposition beyond simple removal. These facilities include a reactor building, accelerator building, and numerous buildings used for reactor fuel production and processing activities. Most of the facilities contain significant radiological and chemical contamination, with 8 facilities currently managed under RCRA.

These facilities constitute a risk to the public, environment and on-site workers due to contamination with a variety of materials including cesium, strontium, uranium, thorium, mixed fission products, various acids and bases, and a wide variety of cleaning agents and solvents. The facilities covered in this project are in close proximity to the Columbia River and the city of Richland. With the continual reduction in Hanford Site Security taking place, the likelihood of a member of the public entering this area unescorted without the necessary protective clothing and equipment is very high. A fire, containment system failure or structural collapse due to natural causes or facility deterioration could result in a release of contaminants to the environment via air, ground and water pathways. Many of these facilities have exceeded their design life, and will pose an increasing hazard to site workers as the facilities continue to deteriorate.

Work activities likely to place the workers at risk include: flushing, isolating and blanking of process or subprocess systems; removing radioactive and hazardous materials and mixed wastes; deactivating non-essential systems and utilities; reconfiguring systems to facilitate long-term surveillance and maintenance (LTS&M) and eventual decontamination and decommissioning (D&D); "mothballing" of systems necessary for LTS&M and D&D; closing facility penetrations to prevent bird, animal and weather intrusion; and performing LTS&M and environmental monitoring.

Safety & Health Work Performance:

ES&H activities include providing industrial hygiene, industrial safety, radiation protection, emergency preparedness and associated ES&H management and oversight during performance of surveillance and maintenance and deactivation activities.

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Industrial Hygiene activities include anticipation, recognition, evaluation and control of health and safety hazards through prejob safety analysis and personnel protective clothing and equipment recommendations.

Industrial Safety activities include administration of electrical safety; machinery and machine guarding; personnel protection; accident investigation and reporting; high stored energy system safety; hoisting, rigging and material handling; lock-out/tag-out; confined space controls; platform, manlift and scaffolding usage; and welding and cutting safety.

Radiation Protection activities include ALARA programs; utilization of equipment, instruments and procedures to minimize or mitigate radiological exposure; and controlling radiation sources.

PBS Comments:

The 300 Area is located in very close proximity to the Columbia River and the city of Richland. Many of the facilities located in this area are well past their design life, and are contaminated with hazardous or radiological material. Due to its location, this area should remain a high site priority for remediation, managing the potential risk to the public, environment, and site workers, and demonstrating to the public, regulators and stakeholders the government's sincerity in expediting site cleanup.

Significant cost avoidance is expected by expediting consolidation of 300 Area activities into a minimum set of facilities; placing excess facilities in a low cost "caretaker" status; converting selected facilities to perform new or continuing missions and leasing as many of them as possible to the private sector allowing accrual of funds for eventual D&D; and by taking a systematic approach to performance of 300 Area cleanup and utilization of "best in class" contractors to handle work.

Baseline Validation Narrative:

Rough Order of Magnitude cost estimates are based upon previous facility surveillance and maintenance and deactivation experience and professional judgement. An updated estimate for this PBS is scheduled to be completed in the 4th Quarter of FY 1999 to support the FY 2000 Multi-Year Work Plan development. An Independent Review is planned for the 1st Quarter of FY 2000.

General PBS Information

Project Validated?	Date Validated:
Has Headquarters reviewed and approved project?	Yes
Date Project was Added:	12/1/1997
Baseline Submission Date:	
FEDPLAN Project?	Yes

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Drivers:	CERCLA	RCRA	DNFSB	AEA	UMTRCA	State	DOE Orders	Other
	Y	Y					Y	

Project Identification Information

DOE Project Manager: L.D. Romine

DOE Project Manager Phone Number: 509-376-4747

DOE Project Manager Fax Number: 509-376-0695

DOE Project Manager e-mail address: larry_d_romine@rl.gov

Is this a High Visibility Project (Y/N):

Planning Section

Baseline Costs (in thousands of dollars)

	1997-2006 Total	2007-2070 Total	1997-2070 Total	1997	Actual 1997	1998	Actual 1998	1999	2000	2001	2002	2003	2004	2005	2006	
PBS Baseline (current year dollars)	109,936	463,521	573,457			886	778	508	2,763	9,624	13,399	16,209	26,129	21,396	19,022	
PBS Baseline (constant 1999 dollars)	99,362	231,339	330,701			886	778	508	2,706	9,223	12,564	14,872	23,458	18,795	16,350	
PBS EM Baseline (current year dollars)	109,936	463,521	573,457			886	778	508	2,763	9,624	13,399	16,209	26,129	21,396	19,022	
PBS EM Baseline (constant 1999 dollars)	99,362	231,339	330,701			886	778	508	2,706	9,223	12,564	14,872	23,458	18,795	16,350	
	2007	2008	2009	2010	2011- 2015	2016- 2020	2021- 2025	2026- 2030	2031- 2035	2036- 2040	2041- 2045	2046- 2050	2051- 2055	2056- 2060	2061- 2065	2066- 2070
PBS Baseline (current year dollars)	8,221	0	0	0	0	0	0	124,800	330,500	0	0	0				

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	2007	2008	2009	2010	2011-2015	2016-2020	2021-2025	2026-2030	2031-2035	2036-2040	2041-2045	2046-2050	2051-2055	2056-2060	2061-2065	2066-2070
PBS Baseline (constant 1999 dollars)	6,914	0	0	0	0	0	0	66,492	157,933	0	0	0				
PBS EM Baseline (current year dollars)	8,221	0	0	0	0	0	0	124,800	330,500	0	0	0				
PBS EM Baseline (constant 1999 dollars)	6,914	0	0	0	0	0	0	66,492	157,933	0	0	0				

Baseline Escalation Rates

1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
	0.00%	0.00%	2.10%	2.20%	2.20%	2.20%	2.20%	2.20%	2.20%	2.20%	2.20%	2.20%
2010	2011-2015	2016-2020	2021-2025	2026-2030	2031-2035	2036-2040	2041-2045	2046-2050	2051-2055	2056-2060	2061-2065	2066-2070
2.20%	2.20%	2.20%	2.20%	2.20%	2.20%	2.20%	2.20%	2.20%				

Project Reconciliation

Project Completion Date Changes:

Previously Projected End Date of Project: 12/31/2007

Current Projected End Date of Project: 9/30/2033

Explanation of Project Completion Date Difference (if applicable):

Project Cost Estimates (in thousands of dollars)

Previously Estimated Lifecycle Cost (1997 - 2070, 1998 Dollars):	107,988	Actual 1997 Cost:	Actual 1998 Cost:	778
Previously Estimated Lifecycle Cost of Project (1999 - 2070, 1998 Dollars):	107,210	Inflation Adjustment (2.7% to convert 1998 to 1999 dollars):		2,895
Previously Estimated Lifecycle Cost (1999 - 2070, 1999 Dollars):	110,105			

Dataset Name: **FY 1999 Planning Data**

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Date of Dataset: **9/20/1999**

Project Baseline Summary Report

Data Source: **EM CDB**

Report Number: **GEN-01b**

Operations/Field Office: **Richland**

Print Date: **3/9/2000**

Site Summary Level: **Hanford Site**

HQ ID: **0414**

Project **RL-TP14 / Hanford Surplus Facility Program 300 Area Revitalization Project**

Project Reconciliation

Project Cost Changes

Cost Adjustments Reconciliation Narratives

Cost Change Due to Scope Deletions (-):

Cost Reductions Due to Efficiencies (-):

Cost Associated with New Scope (+):

Cost Growth Associated with Scope Previously Reported (+):

Cost Reductions Due to Science & Technology Efficiencies (-):

Subtotal: 110,105

Additional Amount to Reconcile (+): 219,710

Current Estimated Lifecycle Cost (1999 - 2070, 1999 Dollars): **329,815**

Milestones

Milestone/Activity	Field Milestone Code	Original Date	Baseline Date	Legal Date	Forecast Date	Actual Date	EA	DNFSB	Mgmt. Commit.	Key Decision	Intersite
COMPLETE PROJECT MISSION	TRP-07-201	9/30/2033	9/30/2033								
INITIATE HSFP DEACTIVATION PLANNING	TRP-00-201	10/1/1999	10/1/1999								
Begin Hanford Surplus Fac. Program 300A Revitalization Project	PBS-97-024		2/28/1997								

Milestones - Part II

Milestone/Activity	Field Milestone Code	Critical Decision	Critical Closure Path	Project Start	Project End	Mission Complete	Tech Risk	Work Scope Risk	Intersite Risk	Cancelled	Milestone Description
COMPLETE PROJECT MISSION	TRP-07-201				Y	Y					Complete transfer of the final Hanford Surplus Facilities Project building to the ERC, and approval of the corresponding end point criteria for the building.

Dataset Name: **FY 1999 Planning Data**

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Date of Dataset: **9/20/1999**

Project Baseline Summary Report

Data Source: **EM CDB**

Report Number: **GEN-01b**

Operations/Field Office: **Richland**

Print Date: **3/9/2000**

Site Summary Level: **Hanford Site**

HQ ID: **0414**

Project **RL-TP14 / Hanford Surplus Facility Program 300 Area Revitalization Project**

Milestones - Part II

Milestone/Activity	Field Milestone Code	Critical Decision	Critical Closure Path	Project Start	Project End	Mission Complete	Tech Risk	Work Scope Risk	Intersite Risk	Cancelled	Milestone Description
INITIATE HSFP DEACTIVATION PLANNING	TRP-00-201										Initiate the detailed planning phase for deactivation of the miscellaneous Hanford Surplus Facilities Project (HSFP).
Begin Hanford Surplus Fac. Program 300A Revitalization Project	PBS-97-024			Y							Administrative input to document the start of this PBS.

Performance Measure Metrics

Category/Subcategory	Units	1997-2006 Total	2007-2070 Total	1997-2070 Total	Actual Pre-1997	Planned 1997	Actual 1997	Planned 1998	Planned 1999	Planned 2000	Planned 2001	Planned 2002	Planned 2003	Planned 2004
Fac.														
Decom.- Assess.	NF	0.00	0.00	0.00										
Fac.														
Decom- Cleanup	NF	0.00	0.00	0.00			1.00							
Fac.														
Deact. During Per.	NF	13.00	21.00	34.00						1.00		4.00	4.00	2.00
Category/Subcategory	Units	Planned 2004	Planned 2005	Planned 2006	Planned 2007	Planned 2008	Planned 2009	Planned 2010	Planned 2011 - 2015	Planned 2016 - 2020	Planned 2021 - 2025	Planned 2026 - 2030	Planned 2031 - 2035	Planned 2036 - 2040
Fac.														
Decom.- Assess.	NF													
Fac.														
Decom- Cleanup	NF													
Fac.														
Deact. During Per.	NF	2.00	2.00		4.00	2.00	1.00	3.00	2.00					9.00

Dataset Name: **FY 1999 Planning Data**

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Date of Dataset: **9/20/1999**

Project Baseline Summary Report

Data Source: **EM CDB**

Operations/Field Office: **Richland**

Site Summary Level: **Hanford Site**

Report Number: **GEN-01b**

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HQ ID: **0414**

Project **RL-TP14 / Hanford Surplus Facility Program 300 Area Revitalization Project**

Category/Subcategory	Units	Planned 2036 - 2040	Planned 2041 - 2045	Planned 2046 - 2050	Planned 2051 - 2055	Planned 2056 - 2060	Planned 2061 - 2035	Planned 2066 - 2070	Exceptions	Lifecycle Total
Fac.										
Decom.- Assess.	NF								1.00	1.00
Fac.										
Decom- Cleanup	NF									1.00
Fac.										
Deact. During Per.	NF									34.00

Facility Decommissioning

Site Code	RSF ID	Change Flag	Description	Class/Subclass	Hazard	Plan. Assess. Year	Fore. Assess. Year	Actual Assess. Date	Plan. Deac. Year	Fore. Deac. Year	Actual Deac. Date	Plan. Comp. Year	Fore. Comp. Year	Actual Comp. Date	Acc. Year	No Action	Comp. Status	RAD
HASI	8674		3718F	\							4/1/1997	2041		6/24/1997				