

Project Baseline Summary Report

Data Version: 16-Jan-98

Operations/Field Office: Idaho

HQ ID: JDIN0570 Project: INEEL Low-Level Waste/Mixed Low-Level Waste Other Waste Program (ID-WM-101)

Report ID Number: Q501

Print Date: 19-Feb-98

Site: Idaho National Engineering and Environmental Laboratory

A.2.18. Operations/Field Offices with Activities Related to this Project

Ops Office Reduction to this Project

- Ohio Treatment of Mount and West Valley MLLW at WERF
- Utah Treatment of Navy MLLW at WERF
- Treatment of Weldon Springs MLLW at WERF

A.2.19 Drivers:	CEM/T.A.	ECRA	INFRA	AFS	EMERG.	Status	DOE Orders	Other
Y/N	Yes	Yes	Yes	No	Yes	Yes	No	No
A.2.20. Is this project A baseline/An implementation?				Yes				

A.3. Milestones

Milestone/Activity	Field Milestone	Planned Date	Actual Date	Status Indicator	ES	DESDU	LSM or S/C	Interact	RQ Manager Control	Management Commitments	Key Revision
Project Start		04/30/96	04/29/96	St	St	St	St	St	N/A	N/A	No
Project Mission Complete		30/30/01	30/30/01	St	St	St	St	St	N/A	N/A	No
AFS M/C Comprehensive		30/30/01	30/30/01	St	St	St	St	St	N/A	N/A	No
AFS Final Closeout		12/31/02	11/05/02	Yrs	St	St	St	St	N/A	N/A	No
St. In, occupancy - Block 12 Second fl.		Q. 2001	Q. 01/01	St	St	St	St	St	N/A	N/A	No
St. Refurbish & Bush		Q. 2001	Q. 01/01	St	St	St	St	St	N/A	N/A	No
Conn's new System - Baseline											No

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HQ ID: IDIN0570 Project: TNEEL1.06. Level Waste/Mixed Low-Level Waste/Other Waste Program (ID-WM101)

A-3. Milestones

Milestone/Activity	Pilot Maintenance Cycle	Planned Date	Forecast Date	Actual Date	Status Indicators	F.A.	DNESU	E.M.J. or S.I.	Increase	HQ Changes Required	Management Commitments	Key Delivables
Cumulative WEF RCRA Trial Run	7/18/97	7/18/97	7/18/97	7/18/97	On Track	No	No	No	No	No	No	No
PC - Siteenkapping Basis - Commerce Department	8/15/97	8/15/97	8/15/97	8/15/97	On Track	No	No	No	No	No	No	No
PC - Major Decommission - Initiative Classification	2/18/10/01	2/18/10/01	2/18/10/01	2/18/10/01	On Track	No	No	No	No	No	No	No
PC - New Explosive Ordnance Disposal Unit - In Air Condition Unit	7/18/10/01/02	7/18/10/01/02	7/18/10/01/02	7/18/10/01/02	On Track	Yes	Yes	Yes	Yes	Yes	Yes	Yes
PC - Major Decommission - Commerce System Testing	2/18/10/01/02	2/18/10/01/02	2/18/10/01/02	2/18/10/01/02	On Track	Yes	Yes	Yes	Yes	Yes	Yes	Yes
PC - HGI Removal - Passive Controls	12/1/98	12/1/98	12/1/98	12/1/98	On Track	C	No	No	No	No	No	No
PC - Explosive Ordnance Disposal Building Schedule	2/18/10/01/02/03	2/18/10/01/02/03	2/18/10/01/02/03	2/18/10/01/02/03	On Track	No	No	No	No	No	No	No
PC - Stabilization - Hauling Schedule	2/19/01/02/03/04	2/19/01/02/03/04	2/19/01/02/03/04	2/19/01/02/03/04	On Track	R	No	No	No	No	No	No
PC - Seismic Upgrading/Servicing - Commerce System Testing	2/18/21/01/02/03	2/18/21/01/02/03	2/18/21/01/02/03	2/18/21/01/02/03	On Track	C	No	No	No	No	No	No
PC - First Instrumentation - Rocking Complex	2/19/01/02/03/04	2/19/01/02/03/04	2/19/01/02/03/04	2/19/01/02/03/04	On Track	Yes	Yes	Yes	Yes	Yes	Yes	Yes
PC - HGI Report Sub to ACWA	2/18/01/02/03/04/05	2/18/01/02/03/04/05	2/18/01/02/03/04/05	2/18/01/02/03/04/05	On Track	C	No	No	No	No	No	No
PC - Measurement, Approval, etc.	2/19/02/03/04/05	2/19/02/03/04/05	2/19/02/03/04/05	2/19/02/03/04/05	On Track	Yes	No	No	No	No	No	No

Report ID Number: Q5HJ

Print Date: 19-Feb-98

Site: Idaho National Engineering and Environmental Laboratory

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Operational Field Office Idaho

ERQ ID: IDIN0570 Project: INEEL Low-Level Waste/Mixed Low-Level Waste/Other Waste Program (ID-WM-101)

A.3. Milestones

Milestone/Activity	Field Stakeholder Code	Planned Date	Forecast Date	Actual Date	Status Indicator	ESD/SR	ESD/SR Sci	Infrared	Hazardous Content	Management Considerations	Key Delays
Initiation of Operations											
Pr - Site/Opn Segregation	21020201810	16-Nov			Y/N	N/A				N/A	N/A
Co - Interface Operation.											
Pr - Sharepoint/Opn - Back Up	2120062280	16-Nov			Y/N	N/A				N/A	N/A
Pr - Back Up											
P1 - HEC Island - In-heli Construction		127-888			C	Y/N	N/A			N/A	N/A
Pr - 24 hr Opn and Crew - Site Rock & Complete	212001124	30-Oct	16-Nov	16-Nov	Y/N	N/A	N/A			S	S
P4 - HEC Renov Establish Contractors		12712-401			Y/N	N/A	N/A			N/A	N/A
Pr - Cask Dismantlement - 205 Barrels - Complete	212010112-8	16-Nov			Y/N	N/A	N/A			N/A	N/A
Pr - Single Open - Segregation Barrels - Complete	2120502310	16-Nov-00			C	Y/N	N/A			N/A	N/A
Pr - HEC Removal - Cask - Waste Cans - for Treatment										S	S
Pr - HEC Removal - Cask - Waste Cans - for Treatment										S	S
Scheduling/Offsite Treatment											

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Organization/Field Office: Idaho

Project: INEEL Low-Level Waste/Mixed Low-Level Waste Other Waste Program (D-WM-101)

A.3. Performance Measure Metrics

Category/Subcategory	Units	1997 Year End	
		Planned	Actual
III. Site Wastes			
A. Inc. - Total	MT	1,111.34	1,049.1
C. New Waste	MT	12.55	27.87
D. Treatment	MT	162.84	132.48
E. Disp. - On-site/Remote	MT	106.51	103.27
F. Disp. - Public Offsite	MT	61.67	5.32
G. Volume Reduced	MT	23.85	129.77
IV. T.L.W.			
A. Inc. - Total	MT	1,281.31	9,431.77
C. New Waste	MT	50.74	2,625.41
D. Treatment	MT	3,307.34	4,398.61
E. Disp. - On-site/Remote	MT	1,81.02	1,295.45
F. Disp. - Public Offsite	MT	0.00	0.00
G. Volume Reduced	MT	1,631.00	8,767.45
V. H.A.F.			
A. Inc. - Total	MT	4.50	4.45
C. New Waste	MT	0.00	0.00
D. Treatment	MT	0.00	0.00
E. Disp. - On-site/Remote	MT	0.00	0.00

Report ID Number: CFSI

Print Date: 19-Feb-98

Site: Idaho National Engineering and Environmental Laboratory

Title: INEEL Low-Level Waste/Mixed Low-Level Waste Other Waste Program (D-WM-101)

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Object: Field Office - Idaho
HQ ID: IDIN0570 Project: INTEL Low-Level Waste/Other Waste Program (ID-WN-101)

A.4. Performance Measure Metrics

Category/Subcategory	Units	1997 Year End	
		Planned	Actual
V. HAZ Ur. Volume Reduced	MT	.004	.003
VI. NW C. New Waste E. Disp. - Greatest Concern	N/A kg	.00141 0.0182	.00141 0.0182

A.6. Validation

A.6.1. Project Validated? No

A.6.2. Date Validated:

A.6.3. Validation Method:

A joint senior level DUE-ID and LMIC/Independent Monitor Board Review of the INTEL decision unit was conducted. Stakeholders consisting of six members reviewed the scope, schedule, cost estimates, and basis of estimates for each of the decision units which are the same basic elements used to construct the P3S.

A.6.4. Technical Approaches/Reference Documents:

HAZARDOUS WASTE DRIVELAS

DOE: DOE/ID-91-1, DOE-445-1-20B; Superfund Order 5400-1 Site 093.

EPA: RCRA Part B Permit RRWAC 10051D 10831, INSEL Site Treatment Plan, National Environmental Policy Act (NEPA).

STATE: Idaho Hazardous Waste Management Act, Chapter 43, Environmental Monitoring, Mitigation, and Site Agreement; State Water Rights Agreement; Settlement Agreement
CFR: 40 CFR 260.105, 40 CFR 261.3; 40 CFR 262; 40 CFR 263; 40 CFR 264; 40 CFR 265; 29 CFR 177.318.

Liquidity Transactions: On-site discharge of DRIVERS

Report ID Number: Q597

Print Date: 19-Feb-98

Site: Idaho National Engineering and Environmental Laboratory

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Data Version: 16-Jun-98

Operations-Field Office:

IdahoProject: **INEL Low-Level Waste/Mixed Low-Level Waste/Other Waste Program (ID-WM-101)**

A.6. Validation

- Report ID Number: Q801
Print Date: 19-Feb-98
- Site:** Idaho National Engineering and Environmental Laboratory
- IDO#:** IDINW570 **Project:** INEL Low-Level Waste/Mixed Low-Level Waste/Other Waste Program (ID-WM-101)
- A.6. Validation**
- DOE: 1000-32351-1; DOE-5400-1; RRWAC DOELC (88-1)
STATE: Idaho Water Quality Standards Wastewater Treatment Rqdn Manual
CFR: 40 CFR
SOLID/LOW LEVEL WASTE DRIVERS:
DOE: 100E-0231-1; DOE-0360-1; DOE-135-1; Atomic Energy Act of 1954 (DOE 5480-3); INEL; Radial Isotopic Control Manual (DOE-1D 10399; AII-422; RRWAC 1004-01)
EPA: Regulation L1; RRWAC 1995; IL 89-2; Federal Facilities Compliance Act (FFCA)
STATE: Settlement Agreement; INEL; Site Treatment Plan; WTRF-SAR; RWMC EDR-484 & -286; RWMC SAR.
CPR: 26 CFR 20.2036; 10 CFR 61; 49 CFR 172.405; 49 CFR 173;
SOLID TRANSPORTABLE WASTE DRIVERS:
DOE: Atomic Energy Act of 1954; DOE-135-1.
STATE: Settlement Agreement; INEL; Site Treatment Plan
MIXED WASTE DRIVERS:
DOE: DOE-0231-1; DOE-1-60-1; DOE-438-1; DOE-4280-1; INEL; Radial Isotopic Control Manual (DOE-1D 10399; AII-422; RRWAC 1004-01) (88-1).
EPA: 36CRA Part B Permit; Federal Facilities Compliance Act (FFCA); CER-80 (day report); NEPA
CFR: 40 CFR 262; 10 CFR 260; 40 CFR 268; 49 CFR 173/173
STATE: Idaho Hazardous Waste Management Act Chapter 42; Environmental Monitoring Site Agreement; State Water Rights Agreement; Settlement Agreement; INEL; Site Treatment Plan
TRANSPORTATION DRIVERS:
CFR: 49 CFR 100-180; 10 CFR 771; 10 CFR 830 (20); DOE Orders 5700.1C; 4601.1A; 5632.1-1
- A.6.5. Current Status of Project Baseline:**
This project baseline currently reflects scope under the FY1998 Congressional appropriation.
- A.6.6. Is the PBS Consistent with the Site Baseline? Yes**

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Operations/Field Office Idaho

HQ ID: DTIN0570 Project INEEL Low-Level Waste/Mixed Low-Level Waste Other Waste Program (IN-WM-101)

A.6. Validation

A.6.7. If PBS is Not Consistent with the Site Baseline, Why Not?

N/A

A.6.8. Future Validation Plans and Schedule:

Project Baseline will be revaluated during final review of PBS by DOE-II prior to submission to HQ. No further validation of Project Baseline is anticipated.

A.6.9. Site Baseline Consistency: 753 - PBS Well Supported by Site Baseline(s);

A.6.10. Project End State Definition: 758 - Project Final State is Well Defined

A.7. Project Assumptions

Number Assumption

- 1 Oak Ridge, TN TSCA incinerator is available to treat INEL. TSCA waste will not cost to INEL.
- 2 The State of Idaho will approve RCRA Part B permit applications within one year of submittal
- 3 Advanced Mixed Waste Treatment Project (AMWTP) is operational in March 2003
- 4 Industrial waste collections and disposal are paid out of LBNL/DOE funded activities.
- 5 Two test baseline sites not include facility modifications to support the proposed EPA Maximum Achievable Control Technology (MAC-T) rule. Separately modified sites may be required.
- 6 Site internationally blank
- 7 A waste storage module at the RWMC is available for HLW and HW storage in FY2010.

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Print Date 19-Feb-98

Site Idaho National Engineering and Environmental Laboratory

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Number	Assumption	Report ID Number: Q501	Print Date: 19-Feb-98
1	Date Version: 16-Jan-98	Site: Idaho National Engineering and Environmental Laboratory	
2	Operationalized Office: Idaho		
3	HQ ID: IDINUS70 Project: INEEL Low-Level Waste/Mixed Waste Office Waste Program (IB-WM-101)		
4	A.7. Project Assumptions		
5	5. Offsite LLW generators will not be charged for treatment at WERF. Implementation of a waste generator chargeback process will be re-evaluated once the requirements are better defined across the DOE Complex.		
6	6. Telecentrally Clark.		
7	7. The composite analysis required by the Defense Nuclear Facility Safety Board will continue to allow for LLW disposal in the SDA until FY2006.		
8	8. Designation of INEEL as an offsite generator to an offsite DOE facility will be obtained from DOE-HQ prior to FY2004 regardless of the filing status of the license at the RWSC.		
9	9. Facility modifications required for RH waste, as required by Naval Reactor Facilities and AFRL, will be supported by DOE-HQ as required to meet FY2006 RWSC shutdown schedule, which are not covered in this PHS.		
10	10. Some LLW generators will be financially responsible for cost of disposal of wastes at offsite facilities including waste packaging, characterization, transportation, and disposal.		
11	11. The current moratorium on offsite generation sending waste to the Nevada Test Site will be lifted, or a suitable alternative offsite disposal facility will be identified.		
12	12. SCW in the non certifiable TRU and non-detective TRU waste subcategories are addressed (and costed separately) under the 7 RI Project.		
13	13. SCW in the fuel and fuel debris subcategory is addressed (and costed separately) under the Spent Nuclear Fuel Project.		
14	14. Construction of SEAK SCW in a deep geologic repository will be possible if proven to be cost effective and take from separate repository will be built for SCW.		

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Operations/Field Office: Idaho

HQ ID: DMIN0570

Project: INEEEL Low-Level Waste/Mixed Low-Level Waste Program (D-W-M-101)

B.1. Budget by Appropriations Account (in thousands of current year dollars)

Appropriations Account	FY 1997 BA	FY 1998 BA	FY 1999 BA	FY 2000 BA
EMI Defense	21,027	22,611	27,272	24,882

C.1. Risk

C.1.1. Risk Data:

Project risk is a combination of a number code and a letter code. The number code represents the level of impact with 1 being the greatest impact. The letter code represents the likelihood of an event occurring with A being the most likely and D being the least likely to occur. The risk code is followed by a U, H, M, L, or N (Urgent, High, Medium, Low, or Not Urgent). N/A represents the risk level at the project, but a more detailed description of the risk data see Section 4.1.1. of the October 1998 2008 Plan Guidance.

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
1.1.1. Safety	U	L	M-L	S-L	S-L	S-L	S-L							
1.2. EHS	U	L	M-L	S-L	S-L	S-L	S-L							
1.3. Other	U	L	M-L	S-L	S-L	S-L	S-L							
2.01-2015	2016-2020	2021-2025	2026-2030	2031-2035	2036-2040	2041-2045	2046-2050	2041-2055	2056-2060	2061-2065	2066-2070			

Financials:

P1 - Q

W1-Ave:

4.1.2. Threat either the public, worker, or the environment as the long-term risk driver:

4.1.3. Threat either the public, worker, or the environment as the interim risk driver:

High
Medium
Workers

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Data Version: 16-Jan-98	Site: Idaho National Engineering and Environmental Laboratory
Operational Office: Idaho	Project: INEEL Low-Level Waste/Mixed Low-Level Waste/Other Waste Program (FD-WM-101)
<p>C.1.A. Upon completion of this project, another project manager is hazards. Indicate that project:</p> <p>DIRECTORS, AND WTP Facility, OR Operations</p>	
<p>C.1.B. Has the risk evaluation been internally peer reviewed by ES&H professionals?</p> <p>Yes</p>	
<p>C.1.C. Has the risk evaluation been externally peer reviewed?</p> <p>No</p>	
<p>C.1.D. Have regulators, stakeholders, & tribal tribes been involved in validating the project risk evaluations?</p> <p>Yes</p>	
<p>D.1 - Direct Safety & Health Narratives and Risk Narratives</p>	
<p>D.1.2. Direct S&H Narrative - Hazards:</p> <p>This project, currently in the operational phase, contains the S&H functions necessary to treat, store, and/or dispose of mixed low-level (LLW), hazardous, low-level (LL) W, and industrial wastes at the INEEL. This facility manages and operates the facilities necessary to perform the INEEL missions for the aforementioned waste streams. The facilities are located at three KWMC, ICPP, and WRCFBL, different areas on the INEEL at distances up to 30 miles. Hazards associated with the operation activities of this project include environmental, chemical, radiation, exposure and risks to workers who operate in industrial facilities. Radiological and chemical exposure can occur during waste processing and material handling as well as a result of a fire or spill.</p> <p>Hazards are documented and addressed in hazard analyses, Safety Analysis Reports, Health and Safety Programs, and operation documentation (i.e. Radiological Work Permit, Safe Work Permit, Certified Space Permit, etc.).</p> <p>Hazards are mitigated by job planning and during operations by incorporating engineered controls (e.g. ventilation), the use of personal protective equipment, the shielding, training, work procedures, and due (INEEL, ALARA Program). INEEL personnel have participated in the Voluntary Protection Program and are aware that their personnel safety begins with their own attitude.</p> <p>At the end state of this project, the hazards are mitigated due to the completion of treatment and the disposal of the waste.</p> <p>This project's task disbursement activities just an additional task to personnel managing the uptake of airborne lead particles. After which the PBES provides the standard control activities it does not evaluate the hazards that are associated with the activity. The INEEL Test Area North (TAN) performs these activities on as ordiance with LMTRDO procedure MCP 2720 and has evaluated the industrial, radiological, and medical hazards associated with lead handling. The lead hazards, if above the Personal Exposure Limit (PEL), will be documented in an internal Compliance Plan and are reviewed by first line management and significant S&H personnel.</p>	

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Organization/Office:	Idaho	Site:	INEL Low-Level Waste/Mixed Low-Level Waste/Other Waste Program (D-WM-101)
HQ ID:	DNIN0570	Project:	INEL Low-Level Waste/Mixed Low-Level Waste/Other Waste Program (D-WM-101)
D.1 - Direct Safety & Health Narratives and Risk Narratives			
D.1.3. Direct S&H Narrative - Controls:			
<p>Continued treatment/disposal of LLW/MLLW at the INEL reduces the environmental and health risks as outlined in the Programmatic Spent Nuclear Fuel Management and ANL Environmental Restoration and Waste Management Programs Final Environmental Impact Statement (INEL EIS), Volume 2, Ann C § 14-2, Alternative A) and Table 5-14-R (Alternative D). In addition, facilities have current authorization bases, within this project, including facility specific Safety Analysis Reports, IRRAA, Interim Status/Permit status, the INEL Site Treatment Plan, Performance Assessment, and/or Hazard Analyses.</p> <p>Personnel hazards are mitigated during day-to-day operations by implementation of a Conduct of Operations approach including elements like work control procedures, Compliance Plan, radiological hazard analysis, site work permits, and industrial safety and industrial hygiene monitoring. Proper use of personnel protective equipment is ensured through training, health and safety professional review, and job supervision spot checks. The INEL ALARA Program is fully implemented at the facility and personnel exposure is minimized. The medical inventory program monitors chemical and radioactive updates as provided within this project.</p> <p>This project's hazard bases can be found in the following documents:</p> <ul style="list-style-type: none">Hazard Analysis for Waste Experimental Reduction Facility, EG&G WM 11467, September 1993 and can be found in WHQC Document Control Building PER 601,Hazard Analysis for WHQC mixed waste storage (MWSPSUSU), EG&G WM 11153, February 1994 and can be found in WHQC Document Control Building PER 601,Waste Experimental Reduction Facility Safety Analysis Report, INEL 96SP0165 (WERFI), August 1996 and can be found in WHQC Document Control Building PER 601,Mixed Waste Storage Facility Safety Analysis Report, EG&G WM 11089 (MWSPSUSU), Rev 1, January 1996 and can be found in WHQC Document Control Building PER 601.Initial Chemical Processing Plant Safety Analysis Report, WEN-107-8-9, June 1994, and document can be found in ICPP Document Control Building C19165.Radiactive Waste Management Complex Low Level Waste Radiological Performance Assessment, EG&G WM-B773, May 1994.Radiactive Waste Management Complex Safety Analysis Report, INEL 9403226, Rev. 2, 7/1995.			
D.1.4. Direct S&H Narrative - Work Performance:			
<p>The resources necessary to accomplish MLLW treatment and LLW treatment/reduction safety is provided through the funding authorization for this project. Resources necessary for S&H oversight for disposal of LLW at the Radioactive Waste Management Complex (RWMC) is supported by the ongoing facility and PBS WM IC5 (EN131).</p> <p>TRU Waste Program S&H resources within this project are planned and resource limited for project management software or a life cycle basis.</p> <p>Activities within this project have been classified as less than Category III under DOE Order 5400.22, therefore, new MLLW treatment activities do not require an Operational Readiness Assessment. The project will perform a Management Assessment of all new waste treatment processes prior to operations.</p>			

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Operational Office:	Idaho	Print Date:	19-Feb-98
HQ ID:	DINuS70	Site:	Idaho National Engineering and Environmental Laboratory
HQ ID: DINuS70 Low-Level Waste/Mixed Low-Level Waste/Other Waste Program (ID-WM-101)			
D.1 - Direct Safety & Health Narratives and Risk Narratives			
<p>S&H resources necessary to accomplish MLLW treatment activities include pre and safety, radiological, and quality reviews at the JET S&H respectively; daily, weekly, and monthly surveys in S&H areas; continual hazard analysis of high personnel risk activities (acid handling, MLLW repackaging); There is no appreciable change in S&H resource requirements during the operational phase of this project. Upon completion of MLLW treatment, there is no schedule for the present closure will commence. Only displacement of TAN and other lead handling activities are addressed by JLMTC's initial Compliance Plan. Industrial, radiological, and medical hazards are outlined by this document, as well as the protective equipment required. Continuous monitoring of activities by work supervisors and other qualified professionals help mitigate the possibility of worker exposure to lead.</p>			
<p>S&H resources necessary for RCRA closure are included in PES ID IR 110, Decommissioning & Demolition (D&D). S&H resources necessary for future treatment of MLLW and Disposal of LLW after 2006, are included in the Long Term Treatment/Sterilization/Disposal Operations project ID WM-097; and the AMW IP Production Operations project ID-WM-105.</p>			
<p>The average cost per MLLW assumed burdened rate is \$85K/year for Industrial Safety, \$82K/year for Industrial Hygiene, \$49K/year Radiological Engineering, \$65K/year for Radiological Control Technician, and \$44K/year for Protection.</p>			
D.1.5. Direct S&H Narrative - Feedback and Continuous Improvement:			
<p>S&H compliance is certified by continuous surveillance, tracking of deficiencies in the INL/TJ CARF system, and operates an Administrative preventive Maintenance system to control facility safety. Maintenance of the computer query measures will also verify compliance. IS&H oversight assessments will be conducted annually, and are provided for in this PES. Input confirmation of the INEE-V voluntary Protection Program enables each employee to report and receive closure on items of concern they raise.</p>			
D.1.6. Risk Evaluation Narrative:			
<p>Controlled treatment of hazardous and radiological contaminated wastes at the INEE-V reduces the environmental and health risk as outlined in the Programmatic Statement Nuclear Fuel Management and NFL Environmental Restoration and Waste Management Programs Final Environmental Impact Statement (INEL-TIS), Volume 2, Table 5.14.3 Alternative A, and Table 5.15.8 (Alternative). Failure to mitigate existing risks would strongly impact public trust and confidence.</p>			
<p>MLLW would continue to require operations fine in the WERF Waste Storage Building (WWSB). INEL FIS - Alternative D: The Maximum Treatment Alternative assumes treatment of INEL-TIS, W, and MLLW, along</p>			

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HQ ID:	IDN/ESTD	Project:	INTEL Low-Level Waste/Sited Low-Level Waste/Other Waste Program (ID.W.M.101)			
D.1 - Direct Safety & Health Narratives and Risk Narratives						
With source waste from either DOE Complex or Federal government installations.						
Public Safety and Health:	Public Safety and Health Risk: 1.4E-01 (0.14% total cancer risk)					
Probability: 1.0E-09 yr. MLC Dose: 2.8E-09 rem; MCL Cancer Risk: 1.4E-01 (0.14% total cancer risk)						
Site Personnel Safety and Health						
In accordance with DOE-STD-1027, the Category Threshold Units for facility inventory of radionuclides is based on Reportable Quantities. DOE-STD-1027 specifies the sum of the ratios (sum of one, the maximum dose possible at 30 meters from point facility inventory would be 500 micro Environmental Impact:						
Minor avial environmental impacts due to above release of radionuclides and hazardous materials. No avial health effects						
Per the RWMC SAR, solid LLW disposed of at the SIA is in per major burial storage, basic disposed or in the SIA is not intended to be retrieved. The impacts of permanent LLW disposal on the environment and public are not evaluated in the RWMC SAR. LLW generation activity has a less probability and risk to the public than LLW active uses.						

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Operational Office: Idaho

JIC ID: IDIN0570

Project INEEL Low-Level Waste/Mixed Low-Level Waste/Other Waste Program (ID-W31-H01)

D.2 - Safety and Health Direct Data

D.2.2. Safety and Health Cost Reporting - Direct Costs
(in thousands of current year dollars)

	1997	1998	1999	2000	1997	1998	1999	2000
A. Emergency Preparedness	46	77	79	96	21.6	21.7	21.8	21.9
B. Fire Protection	45	52	55	40	2.96	2.98	3.00	3.01
C. Industrial Hygiene	64	136	136	135	7.54	7.54	7.54	7.54
D. Industrial Safety	48	45	51	19	3.54	3.54	3.57	3.57
E. Occupational Medicine	1	1	0	1	0.00	0.00	0.00	0.00
F. Nuclear Safety	50	171	176	26	1.71	1.71	1.71	1.71
G. Radiation Protection	1,065	953	990	983	11.3	11.3	11.3	11.3
H. Transportation Safety	1	0	0	0	0.00	0.00	0.00	0.00
I. Management Oversight	65	233	217	233	2.54	2.62	2.71	2.71
Total Safety Direct Costs	1,893	1,645	1,677	1,488	19.14	19.13	17.36	17.52

D.2.5. Safety and Health FTR Reporting - Direct Contractor FTEs

	1997	1998	1999	2000
A. Emergency Preparedness	21.6	21.7	21.8	21.9
B. Fire Protection	2.96	2.98	3.00	3.01
C. Industrial Hygiene	7.54	7.54	7.54	7.54
D. Industrial Safety	3.54	3.54	3.57	3.57
E. Occupational Medicine	0.00	0.00	0.00	0.00
F. Nuclear Safety	1.71	1.71	1.71	1.71
G. Radiation Protection	11.3	11.3	11.3	11.3
H. Transportation Safety	0.00	0.00	0.00	0.00
I. Management Oversight	2.54	2.62	2.71	2.71
Total Direct Contractor FTEs	19.14	19.13	17.36	17.52

Project Baseline Summary Report

Data Version: 16-Jun-98

Operations/Field Office: Idaho

HO ID: 101N0570

Project: INEEL Low-Level Waste\lined Low-Level Waste Other Waste Program (ID-W31-101)

E. Enhanced Performance Measures

E.1. Project Estimates (thousands of current year dollars)

E.1.1. Current Estimated Lifecycle Cost of Project: 256,668

E.1.3. Projected Cost for FY 97: 21,903

E.1.5. Current Projected End Date of Project: 9. Sep 96

E.2. Performance for FY 1997 (thousands of current year dollars)

E.2.1. Actual Cost for FY 97: 256,15

E.2.2. Actual % Work Completed to date:

Report ID Number: Q504

Print Date: 19-Feb-98

Site: Idaho National Engineering and Environmental Laboratory

E.1.2. Previously Estimated Lifecycle Cost of Project:

E.1.4. Projected % Work Completed by End of FY98:

E.1.6. Previously Projected End Date of Project: