

memorandum

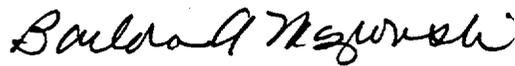
Ohio Field Office
West Valley Demonstration Project

DATE: May 17, 2000

SUBJECT: West Valley Demonstration Project (WVDP) Major System Acquisition (MSA) Second Quarter Fiscal Year (FY) 2000 Report

TO: Mark E. Rawlings
DOE-HQ, EM-31, 1188/CLOV

Attached is the WVDP MSA Second Quarter FY2000 Report. Any questions regarding the information contained therein can be directed to Lisa Maul at (716) 942-2163.



Barbara A. Mazurowski, Director
West Valley Demonstration Project

Attachment: WVDP MSA Second Quarter FY2000 Report

cc: See Page 2

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LMM/brb

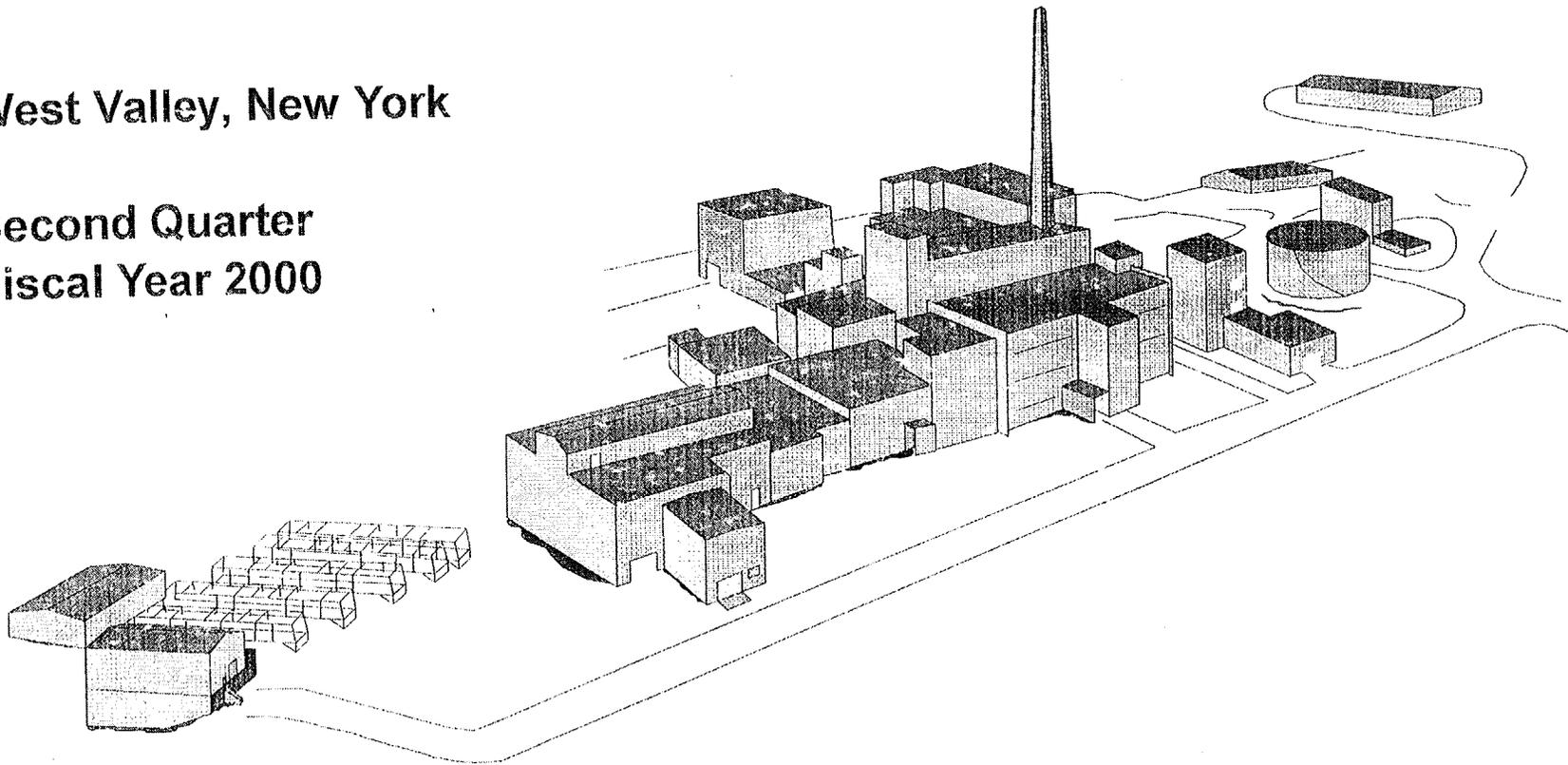
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West Valley Demonstration Project Project Director's Progress Report

West Valley, New York

Second Quarter
Fiscal Year 2000



United States
Department of Energy



**Project Director's Progress Report
West Valley Demonstration Project**

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1. Project Director's Assessment

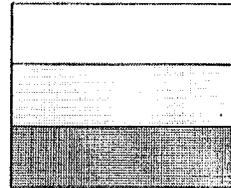
1. Identifiers	
1a. Project Title / Number: West Valley Demonstration Project, West Valley, New York Budget and Reporting No. EX05	1b. Reporting Period: 2nd Quarter FY 2000
1c. Managing DOE Field Location: Ohio Field Office	1f. Performing Organizations: <u>West Valley Nuclear Services Company</u> Overall responsibility for design, construction, testing and operation. Major WVNS Subcontractors: Dames and Moore - Environmental Support Pacific Northwest National Laboratories - Technology Support Bechtel, Babcock & Wilcox Idaho - Spent Fuel Program Support Burns International Security Services - Security
1d. Project Sponsor / Program Office Contact: Office of Site Closure M.E.Rawlings (301)903-7452	
1e. Project Director: B. A. Mazurowski WV-DOE West Valley, New York 14171 (716) 942-4068	

2. Project Director's Personal Assessment:

2a. Summary Status

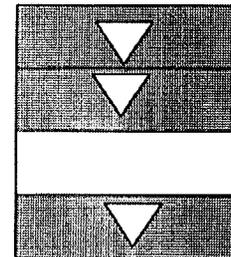
LEGEND

Satisfactory
Minor Concern
Major Concern

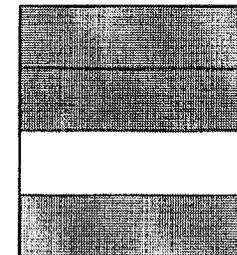


Cost
Schedule
Technical
Overall Project

LAST PERIOD



THIS PERIOD



Better



Worse

NOTE: The Project Director's assessment of key item concerns are contained on page 5.

The Vitrification Facility melter is currently idle with the 247th canister, the 6th in FY 2000, under the melter feed pour spout. The average canister fill height for FY2000 is 93.15%, exceeding the Waste Acceptance Criteria (WAC) minimum requirement of 80% for disposal at the Federal Repository.

2. Project Director's Narrative Highlights (continued)

Preparatory characterization and retrieval efforts continue in the Head End Cells to reduce the risk of radiation exposure and contamination by removing Spent Nuclear Fuel (SNF) debris from the former fuel reprocessing cells. The final Head End Cell window refurbishment was completed in January with the completion of the GPC B window. A hard-walled airlock was installed between the General Operating Aisle (GOA) and the General Purpose Cell (GPC). Construction of the Process Mechanical Crane Room (PMCR) Enclosure continues with the completion of the soffit and interior siding support channels installation, installation of the interior wall panels and termination of wiring. Based upon radiological surveys of the General Purpose Cell Crane Room (GCR), an entry is planned to install localized shielding. The independent cost estimate for the construction of the GPC Crane Room Enclosure was received. The bid proposal from the proposed contractor was received on March 29 and is under review. Actual award is scheduled for mid April.

Progress continues on the design of the Remote Handled Waste Facility (RHWF), which will allow project personnel to safely prepare WVDP highly radioactive waste for shipping and off-site disposal. System Description Document (SDD) 09, "System Design Description for Civil/Structural," has been received, reviewed and returned for minor comment resolution. Calculations for shielding and HVAC, in support of their respective SDDs, have been received and are being reviewed. Development of site layout drawings for construction trailers, fence, and temporary water tanks is complete. The start of final design is on hold pending WVNS review and approval of preliminary design. The Remote Handled Waste Project (RHWP) expects all PSAR comments to be resolved and the PSAR to be revised ahead of the May 3 due date.

In support of the Environmental Impact Statement (EIS) Site Closure Alternative Analysis, Science Applications International Corporation (SAIC) is continuing work on the development of the next National Environmental Policy Act (NEPA) document. SAIC has prepared draft work plans for preparing EIS Chapters 3 (Alternatives), 4 (Affected Environment), and 5 (Environmental Consequences). In addition, SAIC is continuing with performance assessment work.

To date, 10,426 ft³ (295m³) of radioactive Low Level Waste (LLW) has been shipped off-site for disposal. An additional 4431 ft³ (126 m³) of LLW waste has been sorted and staged in preparation for shipment off-site and disposal. The commitment for LLW shipments in FY2000 is 30,000 ft³ (850 m³). An additional 4725 ft³ (133m³) has been staged for rail shipment. The FY2000 commitment for staging for rail shipment is 20,000 ft³ (527 m³).

On February 14, 2000 the Nuclear Regulatory Commission (NRC), in support of the effort to have the Spent Nuclear Fuel (SNF) shipping casks licensed for full-load spent fuel shipments, agreed to an Acceptance Testing Program. Transnuclear, Inc. (TN) has contracted Westmoreland Mechanical Testing & Research, Inc. (WMTR) to perform fracture toughness testing of the Borated Stainless Steel (BSS) plates. Two plates were removed from the top row of each cask basket and shipped to WMTR which performed tests on the specimens. The test report on the TN-REG and TN-BRP cask basket borated stainless steel was issued by WMTR on March 28, 2000.

Transnuclear, Inc. (TN) has submitted drafts of all sections of the TN-REG and TN-BRP cask SARs for full loads except for the TN-BRP and TN-REG criticality sections, and the Appendix for both SARs covering the BSS basket materials testing. WVNS and DOE OH/WVDP comments on a number of sections received were provided to TN on schedule. The work is still on schedule for a late April delivery, well in advance of the June milestone date. These SARs were originally being prepared based upon proposed shipments of half-loads, but the agreement with NRC has allowed for SAR preparation based on full load shipments.



U.S. Department of Energy
Ohio Field Office
Project Director's Assessment
 Report Period: 2nd Quarter FY 2000

Project: West Valley Demonstration Project

Budget & Reporting No. EX05

Item	Third Quarter - FY1999	Fourth Quarter - FY 1999	First Quarter - FY 2000	Second Quarter- FY 2000
Resources/Funding	▽	▽	▽	
Contractor Performance				
Key S/C Performance				
Technical				
Schedule			▽	
Cost				
Public Acceptance				
Institutional Issues				
Safety & Environmental				
Overall	▽	▽	▽	

Satisfactory 

 Minor Concern 

 Major Concern 

Better ▲

 Worse ▼

NOTE: The Project Director's assessment of key item concerns are contained on page 5.

Project Director's Progress Report - Part 1

Project Title: West Valley Demonstration Project

3. Summary Funding/Cost Status (\$ in K)

3a. Total Project			3b. Cumulative to Date	
ITEM	BASELINE THROUGH FY 2000	APPROPRIATIONS THROUGH FY 2000	ITEM	AMOUNT
Total TPCE (YOE)	1,771,592	1,771,592	DOE Funds Appropriated Prior Years	1,486,175
DOE	1,593,528	1,593,528	DOE Funds Appropriated Current Year	106,942
NYSERDA Direct Contribution	143,476	143,476	DOE Funds Authorized to Contractor-Current Year	99,277
NYSERDA Credits and Service	34,588	34,588	Cumulative DOE Costs Accrued to Date	1,431,553
Total Estimated Construction Cost (TEC)	206,000	211,112	Available Project Reserves*	338

3c. Baseline Documentation

Document Title: MSA Project Plan

Approving Official: DOE Undersecretary

Date: 11/92

Phase	Start Date		Completion Date		Percent Complete (Preliminary Algorithm)	
	Baseline	Forecast/Actual	Baseline	Forecast/Actual	% Scheduled	% Complete
Waste Solidification	2QFY96	3QFY96	3QFY98	3QFY98	100	100
Vitrification Facility Design and Construction	4QFY84	2QFY84	3QFY95	3QFY95	100	100
Waste Solidification Pretreatment (STS)	2QFY88	3QFY88	2QFY91	2QFY91	100	100
Post Solidification D/D	4QFY98	3QFY98	TBD	TBD	0	0

*Total YOE reserve split: DOE = -\$389; WVNS = \$723; Contingency = \$0.



ID F6400.A12 (Rev. 05-83)
Ref ID 6400.A2

5. Significant Problems/Variance Analysis

Project Title: West Valley Demonstration Project

Reporting Period: 2nd Quarter FY2000

5a. Problems, Impact on Project, Corrective Actions

A growing concern exists in the area of resources/funding. Current scenarios that fund the WVDP below requested planning levels in future years could delay the transition to Project Completion by DOE. As aging high-level waste tanks and main plant facilities approach the end of their design life, the best interests of the public and other stakeholders can be served by continuing on the current schedule with DOE-HQ support for requested funding for high level waste processing, Spent Nuclear Fuel (SNF) Shipment, Head End Cell retrieval, deactivation, and waste management activities.

Resolution of Draft Environmental Impact Statement (DEIS) comments and revisions to DEIS technical support documents continue. Preferred Alternative discussions between DOE and NYS also continue. Once a PA is announced, efforts to baseline the final phase of the Project will commence. Until such time, a definitive life-cycle schedule and cost estimate cannot be determined. An estimate based on the DEIS alternatives is being utilized in the meantime.

Based upon the uncertainties and sensitivities associated with critical HQ decisions required by the Project as documented in the 1999 update for Accelerated Cleanup: Paths to Closure including identification of a TRU waste receiver site, there is a strong possibility that the Project Completion date will be beyond fiscal year (FY) 2015.

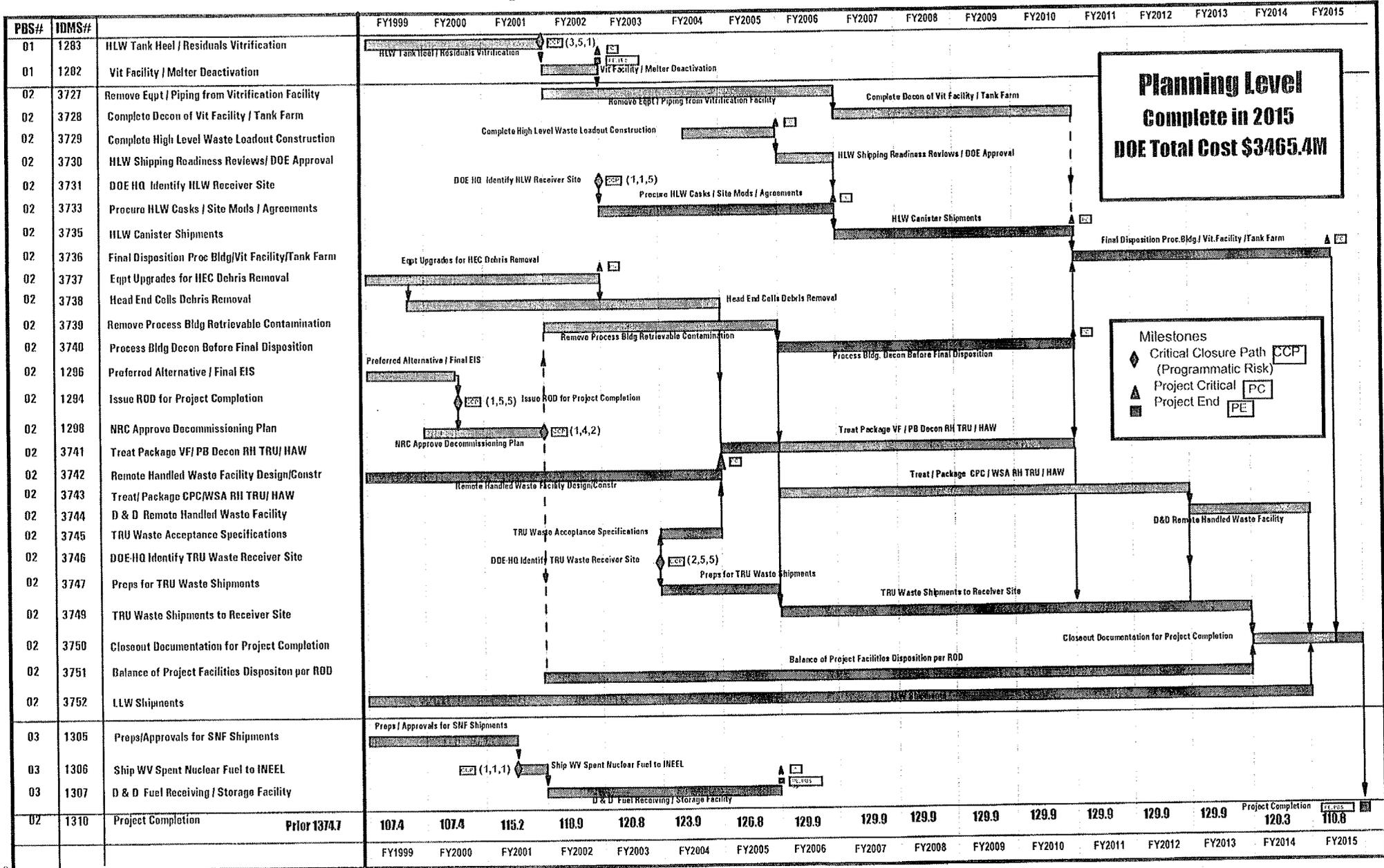
As a result of the HQ Waste Management Programmatic Environmental Impact Statement /Record of Decision which directed HLW to remain at generating sites until the Federal Repository is ready to accept HLW for disposal, the DOE will not fulfill its requirement regarding the removal of HLW from the West Valley site until final transport can be accomplished. WVDP HLW is not currently on the DOE complex-wide schedule for shipment to the Federal Repository. Once DOE and NYS negotiations regarding a Preferred Alternative for Project Completion, Site Closure, and/or long-term management conclude, it is expected that the necessary arrangements can be made to get the WVDP HLW back onto the HLW shipping schedule to accommodate Project Completion objectives.

5b. Items Requiring Headquarters' Action

FY2000:

- Resolution of issues regarding the respective responsibilities of DOE and NYS for Project completion, site closure and/or long-term management.

WVDP Path To Completion: OH-WV Project Baseline Summaries (Planning Module)



Project Director's Quarterly Supplement Report Project Activity Sheet



Status of Project Documentation

Project Charter: Approved June 8, 1983

MSA Project Plan: Approved 11/92

Project Management Plan: Approved 7/95

Key Activities	FY 2000				FY 2001				FY 2002			
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th
Develop Pref Alt for EIS with input from NYS & CTF			◊									
DOE-HQ Issues Project Completion Record of Decision			Note 1									
Ship off-site up to 30,000 cu. ft. (850 cu. m.) of Class A LLW				△								
Begin to Ship WV-SNF to INEEL							△					
Complete Shipment of WV-SNF to INEEL								△				
Ship off-site up to 15,000 cu. ft. (425 cu. m.) of Class A LLW								△				
Complete HLW Tank Residuals Campaign								△				
Begin HLW Vitrification System/Melter Deactivation									△			
Complete HLW Vitrification System/Melter Deactivation												△
Complete Equipment Upgrades for HEC Debris Removal												△

Timenow

Note 1: The Record of Decision will result after finalization of the NEPA process which is dependent upon DOE and NYS ongoing negotiations regarding a Preferred Alternative for Project Completion, Site Closure, and/or long-term management.

	Key Activity Scheduled
	Completed on Schedule
	Forecast
	Completed Behind Schedule
	Completed Ahead of Schedule

Cost Status

PROJECT: West Valley Demonstration Project

(Dollars in Thousands)

Reporting Period: 2nd Quarter FY 2000

Data Element	Prior FY (FY 1982 thru 1999)		To End of Current FY 2000** Planned Budget	Actuals at Quarter End	Commit- ments at Qtr End	Next FY (FY 2001)	
	BA	Cost				BA	Forecast
PBS 01 High-Level Waste Processing	633,800	632,776	38,836	19,398	6,991	46,700	46,700
PBS 02 Transition and Project Completion	167,600	156,912	36,731	19,464	5,224	32,395	32,395
PBS 03 Spent Nuclear Fuel	12,700	11,457	6,077	3,628	1,294	6,400	6,400
PBS 04 Project Administration & Support	476,600	475,691	30,966	15,359	7,551	29,700	29,700
Dcobs/Fee/Expense/Reserves/Misc	190,740	189,024	17,263	287	2,224	0	0
Prior Years	0	0	0		0	0	0
DOE PROJECT FUNDING (A)	1,481,440	1,465,860	129,873	58,136	23,284	115,195	115,195
NON-DOE COST: NYSERDA							
PBS 01 High-Level Waste Processing	66,867	66,692	4,342	1,408	0	4,596	4,596
PBS 02 Transition and Project Completion	17,682	17,636	4,168	1,542	0	3,188	3,188
PBS 03 Spent Nuclear Fuel	0	0	0	0	0	0	0
PBS 04 Project Administration & Support	50,282	50,150	3,449	1,118	0	2,923	2,923
Dcobs/Fee/Expense/Reserves/Misc	0	0	0	0	0	0	0
Prior Years	0	0	0	0	0	0	0
NON-DOE FUNDING (B)*	134,831	134,478	11,959	4,068	0	10,707	10,707
PROJECT FUNDING (A+B)	1,616,271	1,600,338	141,832	62,205	23,284	125,902	125,902
NYS Service/Credit/G&A	32,928	32,928	1,241	621	621	1,381	1,381
NON-DOE CREDIT (C)	32,928	32,928	1,241	621	621	1,381	1,381
TPCE (A+B+C)	1,649,199	1,633,266	143,073	62,825	23,905	127,283	127,283

NOTE: All dollars are YOE rounded to thousands.

*NYS Funding is approximately 10% of Project

** Includes Uncosted Carryover

DATA REFLECTS ESTIMATED COSTS.

WEST VALLEY DEMONSTRATION PROJECT FINANCIAL REPORT
FISCAL YEAR 2000

Reporting Period:
2nd Quarter FY 2000

Contract Number: DE-AC24-81NE44139

Dollars expressed in thousands.

WBS Description	Prior Years Uncosted (C/O)	FY 2000 Initial BA	Obligations Available to Date	FY 2000 Planned Budget	FY 2000 Costs to Date	Outstanding Obligations to Go	Budget Planned to Date
OH-WV-01 HLW Vit & HAW Processing	1,024	37,779	38,803	41,758	19,387	19,416	17,399
OH-WV-02 Site Transition, Decommission & Proj Co	10,688	28,216	38,904	39,928	19,489	19,415	16,637
OH-WV-03 Spent Nuclear Fuel	1,243	7,700	8,943	9,011	3,624	5,319	3,755
OH-WV-04 Project Management / Site Support	909	33,363	34,272	33,386	15,350	18,922	13,911
Contingencies , Reserves & Taxes	0	0	4,755	1,834	0	0	0
SUBTOTAL DOE EX05 CONTRACT	13,864	107,058	125,677	125,917	57,850	63,072	51,701
Other Ohio Office Obligations	177	(116)	174	174	53	30	53
TOTAL OHIO OFFICE	14,041	106,942	125,851	126,091	57,903	63,102	51,754
TOTAL DOE OBLIGATIONS ***	1,539	0	2,384	2,384	234	2,150	234
EX05 PROJECT OBLIGATED FUNDS	15,580	106,942	122,522	128,475	58,136	65,252	51,988
Unobligated Funds:	0	0	0	0	0	0	0
TOTAL EX05 PROJECT FUNDING FY00	15,580	106,942	122,522	128,475	58,136	65,252	51,988
Non EX-05 Funding	93	1,650	1,743	1,743	1,834	1,172	1,743
TOTAL DOE	15,673	108,592	124,265	130,218	59,971	66,424	53,731
NYSERDA NE Project (SDA Share)	0	0	0	0	0	0	0
NYSERDA NE Proj. (EIS Share) + Fee	0	412	412	412	191	221	172
NYSERDA NS Project + Fee	353	9,969	10,322	12,640	3,878	6,444	5,267
NYSERDA Credit	0	1,241	1,241	1,241	621	621	517
NYSERDA NY Non-Project + Fee	0	25	25	25	11	0	11
TOTAL WVDP:	16,026	120,239	136,265	144,536	64,671	73,710	59,697

*** See next page for individual breakdown of DOE obligations and Non EX-05 Funding.

WEST VALLEY DEMONSTRATION PROJECT FINANCIAL REPORT
 FISCAL YEAR 2000
 DOE Obligations and Non EX05 Funding Breakout

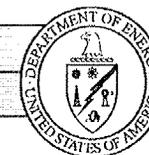
Reporting Period:
 2nd Quarter FY 2000

Contract Number: DE-AC24-81NE44139

Dollars expressed in thousands.

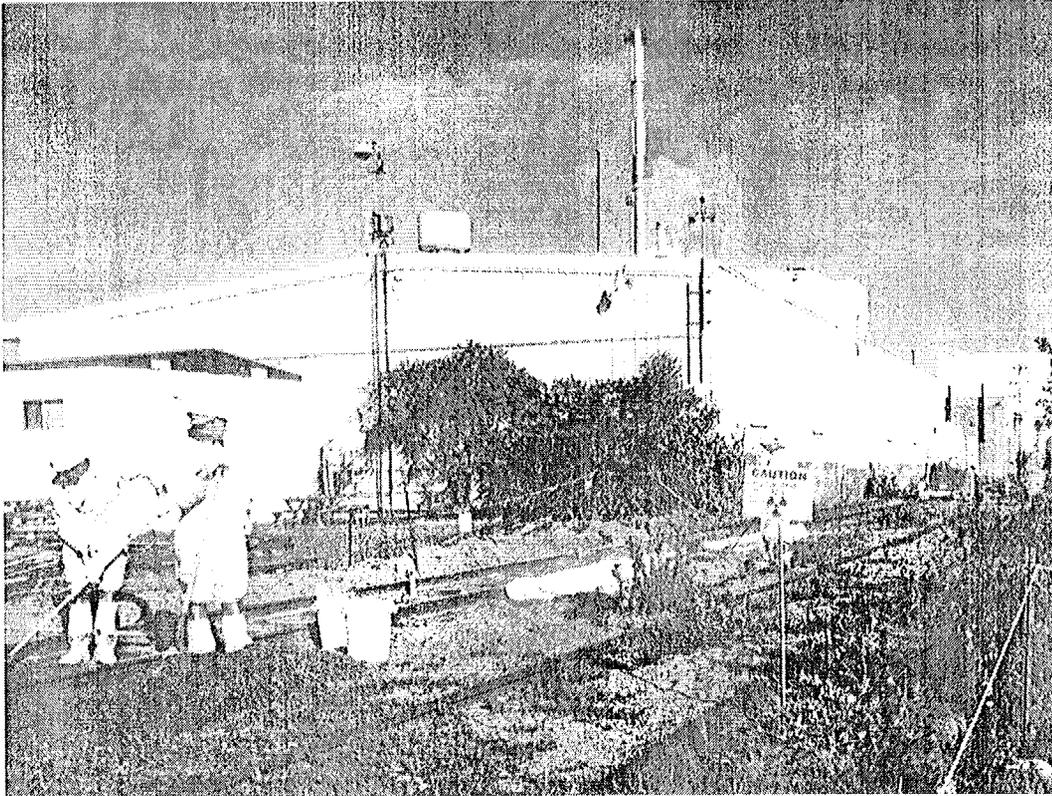
DOE Obligations	Prior Years Uncosted (C/O)	FY 2000 Initial BA	Obligations Available to Date	FY 2000 Planned Budget	FY 2000 Costs to Date	Outstanding Obligations to Go	Budget Planned to Date
DOE Obligation: Battelle PNNL (RI)	93	0	93	93	0	93	23
DOE Obligation: Ohio (SAIC)	1,229	0	1,229	1,229	176	1,053	307
DOE Obligation: Rocky Flats (SAIC Non-EIS)	11	0	11	11	0	11	3
DOE Obligation: Envirocare	89	0	359	359	(62)	421	0
DOE Obligation: BBWI	116	0	116	116	114	2	114
DOE Obligation: NRC	0	0	575	575	5	570	5
TOTAL DOE OBLIGATIONS	1,539	0	2,384	2,384	234	2,150	452

Non EX 05 Funding	Prior Years Uncosted (C/O)	FY 2000 Initial BA	Obligations Available to Date	FY 2000 Planned Budget	FY 2000 Costs to Date	Outstanding Obligations to Go	Budget Planned to Date
SR work Authorization	10	0	10	10	0	10	3
Pollution Prevention	6	0	6	6	0	6	2
Y2K Compliance	70	0	70	70	27	43	18
ASTD Projects: VEMP	7	1,650	1,657	1,657	543	1,114	414
Undistributed Costs	0	0	0	0	1,264	0	0
Non EX05 Funding Total	93	1,650	1,743	1,743	1,834	1,172	436

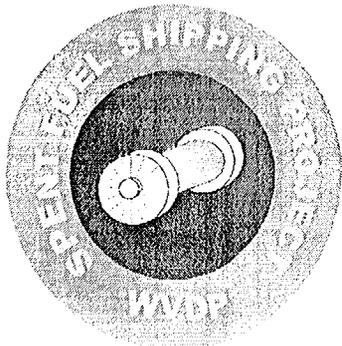


Technical Performance Parameters		
ITEM	TECHNICAL BASELINE	PERFORMANCE
Safety and Environmental Quality of Engineered Systems	Maintain excellent safety performance.	Four OSHA recordable incidents occurred at the WVDP during the quarter. Total Recordable Case Rate (TRC) is 1.82. There were zero reportable internal, skin, clothing, and nasal contamination events during the quarter.
Maintain and Control Radiological Conditions	Maintain effective and efficient operation consistent with ALARA safety, environmental concerns.	Cumulative ALARA performance through December brings the 2000 fiscal year-to-date total to 5.3 person-rem. This performance was below budget through the second quarter.
Safety and Environmental Quality of Inherited Systems and Facilities	Ensure acceptable operation and upgrading of the established Safety and Environmental Systems	The WVDP has been awarded the Department of Energy Voluntary Protection Program Star recognition demonstrating sustained safety and health program excellence.
Low-Level Waste Form	Volume Reduction of Low-Level Waste.	A total of 2,368 cubic feet (67 cubic meters) LLW has been shipped for disposal during 2nd Quarter FY2000. The total for FY2000 to date is 10,426 cubic feet (295 cubic meters). The FY2000 commitment is to ship 30,000 cubic feet (850 cubic meters) of class A LLW for disposal.
Post Solidification D&D	Issue a Record of Decision (ROD).	SAIC is working on the development of next NEPA document and has prepared draft work plans for chapters 3 (Alternative), 4 (Affected Environment) & 5 (Environmental Consequences). In addition, SAIC is continuing with performance assessment work. The Record of Decision will result after finalization of the NEPA process which is dependent upon DOE and NYS ongoing negotiations regarding a Preferred Alternative for Project Completion, Site Closure, and/or long-term management.

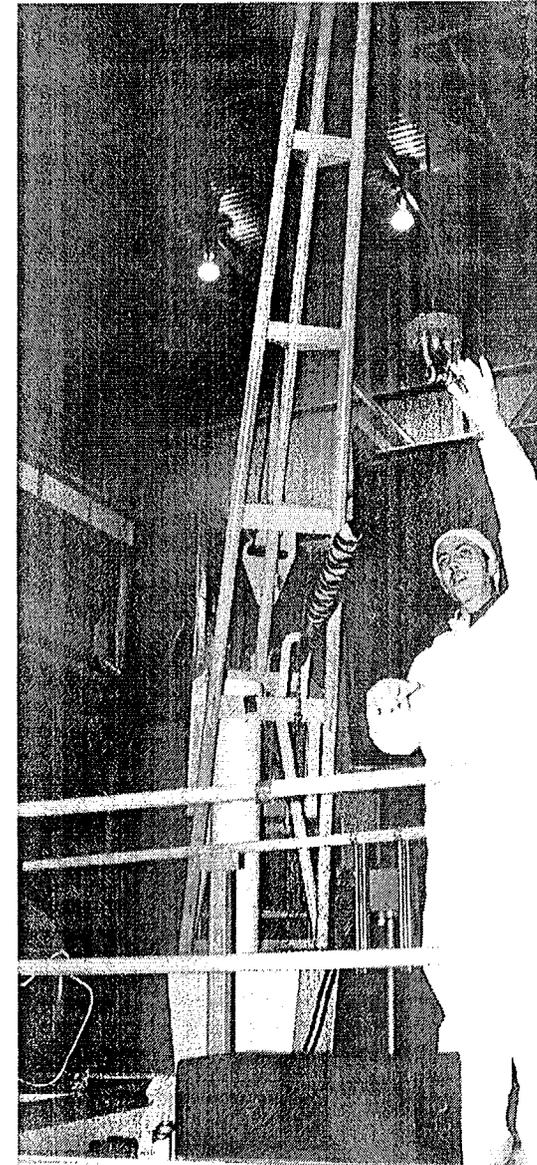
WVDP SPENT FUEL SHIPPING PROJECT



Railroad Spur upgrades to facilitate shipment of Spent Nuclear Fuel to INEEL beginning April 2001.

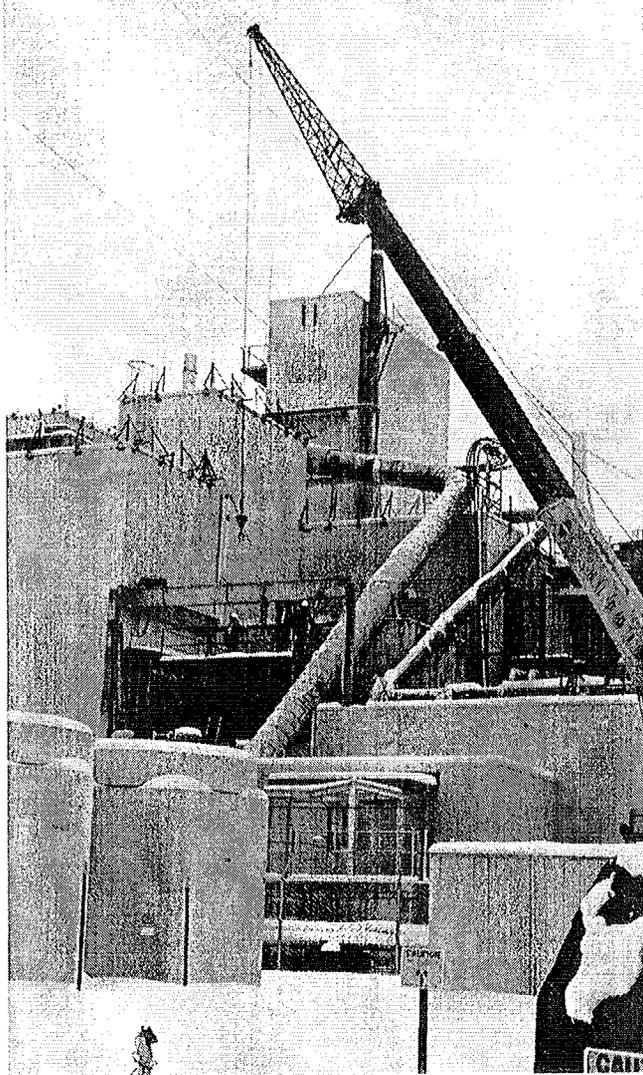


Spent Fuel Shipping Team adopts emblem.

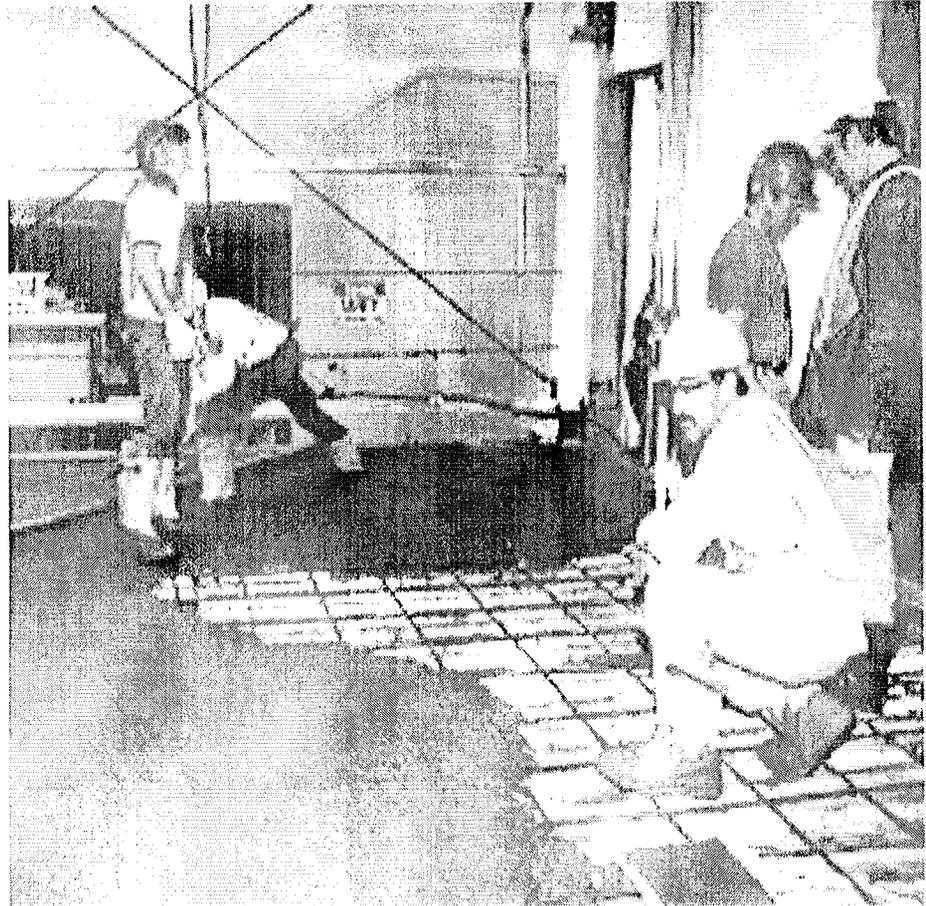


Workers prepare for spent fuel shipping by attending training.

PMCR CRANE ROOM ENCLOSURE



PMCR Crane Room Enclosure Construction is underway.



Workers poured concrete on the enclosure's floor in late February

TOTAL PROJECT EARNED VALUE REPORT

ITEM	QUARTERLY DATA					FISCAL YEAR-TO-DATE					FY 2000 BAC
	BCWS Sched	BCWP Complete	ACWP Spent	SV Sched	CV Cost	BCWS Sched	BCWP Complete	ACWP Spent	SV Sched	CV Cost	
PBS 01 - HLW VIT & HIGH ACTIVITY PROCESSING	10,348	9,646	9,675	(702)	(29)	20,460	18,905	19,610	(1,555)	(705)	43,912
PBS 02 - SITE TRANSITION, DECOMMISSIONING & PROJECT COMPLETION	9,982	10,086	9,839	104	247	21,623	19,960	18,740	(1,663)	1,220	41,918
PBS 03 - SPENT NUCLEAR FUEL	3,370	2,678	1,762	(692)	916	4,162	3,263	3,298	(899)	(35)	8,350
PBS 04 - PROJECT MANAGEMENT & SITE SUPPORT	8,856	8,174	7,704	(682)	470	17,262	16,056	15,186	(1,206)	870	34,448
PMB	32,556	30,584	28,980	(1,972)	1,604	63,507	58,184	56,834	(5,323)	1,350	128,628
WVNS MR	-	-	-	-	-	-	-	-	-	-	723
TOTAL WVNS	32,556	30,584	28,980	(1,972)	1,604	63,507	58,184	56,834	(5,323)	1,350	129,351
Deobligations/Expense	757	151	151	(606)	-	1,229	286	286	(943)	-	2,458
Taxes	-	-	-	-	-	-	-	-	-	-	1,500
Fee/Credit/Other	2,873	3,593	3,593	720	-	5,746	6,277	6,277	531	-	11,491
DOE MR	-	-	-	-	-	-	-	-	-	-	(389)
Non Project	6	6	6	-	-	12	12	12	-	-	25
s/t	3,636	3,750	3,750	114	-	6,987	6,575	6,575	(412)	-	15,085
FY 2000 TOTAL WVDP	36,192	34,334	32,730	(1,858)	1,604	70,494	64,759	63,409	(5,735)	1,350	144,436

Notes:
All entries in thousands of dollars - sum of the parts may vary from total due to rounding.

BUDGET PLAN - TOTAL PROJECT COST ESTIMATE (TPCE)

Project Budget	Prior	FY2000	FY 2001-2015	Total
PBS 1 High-Level Waste Processing	-	43,912	81,066	124,978
PBS 2 Transition & Project Completion	-	41,918	1,186,565	1,228,483
PBS 3 Spent Nuclear Fuel	-	8,350	10,477	18,827
PBS 4 Project Management & Support	-	34,448	455,152	489,600
Prior - WBS	1,419,616			1,419,616
Escalation	-	-	349,888	349,888
PMB Line	1,419,616	128,628	2,083,148	3,631,392
WVNS Mgmt. Reserve	-	723	-	723
Contract Budget Base	1,419,616	129,351	2,083,148	3,632,115
Doobs to Other Sites/Expense	66,383	2,458	-	68,841
IWOs to Other Sites	1,763	-	-	1,763
Fee/Credit	150,572	11,491	-	162,063
DOE Mgmt. Reserve	-	(389)	-	(389)
Relocation	1,179	-	-	1,179
Taxes	-	1,500	-	1,500
Non Project	-	25	-	25
TOTAL TPCE (YOE)	1,639,513	144,436	2,083,148	3,867,072
Project Funding Sources	Prior	FY2000	FY 2001-2015	Total
Dept. of Energy YOE (PBS 1-4)	1,470,884 ¹	106,942	1,875,943	3,453,769
Dept. of Energy YOE (OTHER)	1,306	1,650	-	2,956
Dept. of Energy C/O	15,543 ²	-	-	15,543
Dept. of Energy C/O(Other)	204	-	-	204
N.Y. State Funding	129,652	9,969	207,205	346,826
Supplem'l NYS (17% EIS)	4,653	412	-	5,065
Uncosted NYS Funding	353 ³	-	-	353
NYS Credit/Serv	33,018	1,241	-	34,259
Non Project	-	25	-	25
TOTAL PROJECT (YOE)	1,655,613	120,239	2,083,148	3,858,975

Assumptions:

Project Budget/Funding is comprised of DOE and NY components
 Outyear project funding profile based on Paths To Closure Document (May 17, 1999)
¹ Includes 20.6M Fuel ² Includes 1.3M Fuel ³ 1.3M Adj For FY99 Overpayment

Notes:

All entries in thousands of dollars - sum of the parts may vary from total due to rounding.

TOTAL OUTYEAR BUDGET AND FUNDING

Project Budget	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007
PBS 1 High-Level Waste Processing	41,977	51,889	33,302	-	-	-	-	-
PBS 2 Transition & Project Completion	31,222	35,994	62,700	98,110	101,371	103,888	107,200	106,422
PBS 3 Spent Nuclear Fuel	7,700	6,400	2,400	1,100	600	600	-	-
PBS 4 Project Management & Support	37,070	33,000	33,433	34,888	35,633	36,340	37,140	37,918
TOTAL BUDGET (YOE \$K)	117,969	127,283	131,834	134,098	137,605	140,828	144,340	144,340

Project Funding	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007
Dept. of Energy YOE (PBS 1-4)	106,942	115,195	118,891	120,799	123,905	126,806	129,906	129,906
N.Y. State Funding	11,027	12,088	12,943	13,300	13,700	14,023	14,434	14,434
TOTAL PROJECT (YOE \$K)	117,969	127,283	131,834	134,099	137,605	140,829	144,340	144,340

Project Budget	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015
PBS 1 High-Level Waste Processing	-	-	-	-	-	-	-	-
PBS 2 Transition & Project Completion	105,623	104,811	103,978	103,134	102,266	108,673	101,800	93,823
PBS 3 Spent Nuclear Fuel	-	-	-	-	-	-	-	-
PBS 4 Project Management & Support	38,717	39,528	40,362	41,206	42,074	35,667	31,867	29,289
TOTAL BUDGET (YOE \$K)	144,340	144,340	144,339	144,340	144,340	144,340	133,667	123,112

Project Funding	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015
Dept. of Energy YOE (PBS 1-4)	129,906	129,906	129,906	129,906	129,906	129,906	120,300	110,800
N.Y. State Funding	14,434	14,434	14,434	14,434	14,434	14,434	13,367	12,311
TOTAL PROJECT (YOE \$K)	144,340	144,340	144,339	144,340	144,340	144,340	133,667	123,112

Assumptions:

Project Budget is comprised of DOE and NY components

Outyear project funding profile based on Paths To Closure Document (May 17, 1999)

Project cost sharing continues at DOE:NY (90%:10%) and an additional (17%) on EIS costs except for Fuel - Doe (100%)

PROJECT RESERVE TRANSACTIONS FY2000

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	TOTAL
<u>WVNS MR BEGINNING BALANCE</u>													2,000
<u>PMB/CBB</u>													
NO TRANSACTIONS	0												0
PMB 2000006 LOW LEVEL RAD WASTE DISPOSAL - CONTRACT RECONCILIATION		-273											-273
PMB 2000007 VIT MERCURY REMOVAL		-300											-300
PMB 2000009 RETURN FOR WASTE TANK GRAB SAMPLER PROTOTYPE		200											200
PMB 2000009 REQUEST FOR COMPLETION OF 8D-2/H-7 ENCL ELECTRICAL		-200											-200
PMB 2000008 RECONCILE BUDGET FOR CONSTR OF THE PMC CRANE RM ENCLSR			-700										-700
PMB 2000015 RETURN DUE TO DAMES & MOORE CONTRACT RECONCILIATION				127									127
PMB 2000030 ADD OF NY STATE PORTION OF 650K FOR TANK HEEL RETRIEVAL TECH				161									161
PMB 2000032 DELETE SCOPE FOR ENG EVAL OF HEAD END CELL				125									125
PMB 2000032 REQUEST SUBCONTRACT ENG SUPPORT OF PROCESS MECHANICAL CELL				-125									-125
PMB 2000033 REQUEST SUBCONTRACT TO SUPPORT INT AUDIT & EMPL CONCERNS PROG				-62									-62
NO TRANSACTIONS						0							0
PMB 2000026 REDUCE SAMPLING AND INSPECTION FOR MAIN PLANT & RETURN 370K						370							370
PMB 2000026 REQUEST 600K FOR PBS-02 COST ANALYSIS						-600							-600
PMB 2000046 RETURN AND REQUEST 257K FOR COMPLETION OF LSA 4							257						257
PMB 2000046 RETURN AND REQUEST 257K FOR COMPLETION OF LSA 5							-257						-257
													0
													0
													0
													0
													0
													0
													0
													0
													0
													0
													0
													0
													0
WVNS MR TOTAL	0	-573	-700	226	0	-230	0	0	0	0	0	0	723

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	TOTAL
<u>DOE MR BEGINNING BALANCE</u>													2,000
<u>PMB/CBB</u>													
OCTOBER - NO TRANSACTIONS	0												0
NOVEMBER - NO TRANSACTIONS		0											0
CBB 2000005 RETURN SCOPE/BUDGET FROM COST ACCOUNTS			170										170
CBB 2000005 DEOB 170K TO ENVIROCARE FOR LOW LEVEL RAD WASTE DISPOSAL			-170										-170
PMB 2000028 RETURN 900K FROM 103200 FOR EIS PREP ASSIST FROM SAIC			900										900
CBB 2000017 REVISION OF SPENT FUEL SHIPPING BASELINE				-2832									-2832
CBB 2000039 FUNDING REDUCTION					-457								-457
NO TRANSACTIONS						0							0
NO TRANSACTIONS							0						0
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													0
DOE MR TOTAL	0	0	900	-2832	-457	0	0	0	0	0	0	0	-389

Note: Dollars in thousands

**West Valley Demonstration Project
Accelerated Cleanup Path to Closure Planning Level Data
Milestone Listing**

CONTROL LEVEL				MILESTONE DESCRIPTION	DATE	STATUS
Level 0 (AE)	Level 1 (PSO/FMO)	Level 2 (DOE-WV)	Level 3 (WVNS)			
#10166 PBS02				ISSUE ROD FOR PROJECT COMPLETION	MAY-00	Note 2
#10175 PBS03				BEGIN TO SHIP WV-SNF TO INEEL	APR-01	
#10170 PBS02				NRC APPROVE DECOMMISSIONING PLAN	SEP-01	
#10153 PBS01				BEGIN HLW VIT SYSTEMS/MELTER DEACTIVATION	OCT-01	
#10350 PBS01				PROJECT END PBS-OH-WV-01: HLW VIT & TANK HEEL HAW PROCESSING	SEP-02	
#11379 PBS02				DOE-HQ IDENTIFY HLW RECEIVER SITE	OCT-02	Note 1
#11394 PBS02				DOE-HQ IDENTIFY TRU RECEIVER SITE	SEP-03	
#10180 PBS03				PROJECT END PBS-OH-WV-03: SPENT NUCLEAR FUEL TERMINATED	SEP-05	
#11378 PBS02				WV-HLW SHIPPING READINESS REVIEW/DOE APPROVAL	SEP-06	
#11401 PBS02				PROJECT END PBS-OH-WV-02: SITE TRANS, DECON & PROJECT COMPLETION	SEP-15	
#10182 PBS04				WVDP PROJECT COMPLETION	SEP-15	

* Milestone Listing will be revised for the next issuance to be consistent with the revised milestones established for out-year planning during FY2002 budget formulation period.

Note 1 HQ PEIS ROD Issued. HLW will remain on-site until a Federal Repository is available.

Note 2 Milestone will be revised pending outcome of DOE/NYS Preferred Alternative Negotiations

**West Valley Demonstration Project
Accelerated Cleanup Path to Closure Planning Level Data
Milestone Listing**

CONTROL LEVEL				MILESTONE DESCRIPTION	DATE	STATUS
Level 0 (AE)	Level 1 (PSO/FMO)	Level 2 (DOE-WV)	Level 3 (WVNS)			
		#10176 PBS03		COMPLETE SNF TRANSPORTATION PLAN	AUG-99	Complete AUG 28,1999
		#10181 PBS03		WV SNF EQUIPMENT/FACILITIES PREPARED	SEP-99	Complete SEP 24,1999
		#10168 PBS02		ISSUE PREFERRED ALTERNATIVE/FINAL EIS	APR-00	Note 2
		#10155 PBS01		COMPLETE WV HLW TANK RESIDUALS VITRIFICATION PROCESSING	SEP-01	
		#10178 PBS03		COMPLETE SHIPMENT OF WV-SNF TO INEEL	SEP-01	
		#11385 PBS02		COMPLETE EQUIPMENT UPGRADES FOR HEC DEBRIS REMOVAL	SEP-02	
		#10154 PBS01		COMPLETE HLW VIT SYSTEMS/MELTER DEACTIVATION	SEP-02	
		#11380 PBS02		INITIATE PROCUREMENT OF HLW CASKS/RECEIVER SITE MODS/AGREEMENTS	OCT-02	
		#11390 PBS02		COMPLETE DESIGN/CONSTRUCTION OF REMOTE HANDLED WASTE FACILITY	SEP-04	
		#11386 PBS02		COMPLETE HEAD-END CELL DEBRIS REMOVAL	SEP-04	
		#11393 PBS02		RECEIVE TRU WASTE ACCEPTANCE SPECIFICATION	SEP-04	

Note 2 Milestone will be revised pending outcome of DOE/NYS Preferred Alternative Negotiations

**West Valley Demonstration Project
Accelerated Cleanup Path to Closure Planning Level Data
Milestone Listing**

CONTROL LEVEL				MILESTONE DESCRIPTION	DATE	STATUS
Level 0 (AE)	Level 1 (PSO/FMO)	Level 2 (DOE-WV)	Level 3 (WVNS)			
		#11377 PBS02		COMPLETE HLW LOAD-OUT FACILITY CONSTRUCTION	SEP-05	
		#11395 PBS02		COMPLETE PREPARATIONS FOR TRU WASTE SHIPMENTS	SEP-05	
		#11387 PBS02		COMPLETE REMOVAL OF PROCESS BUILDING RETRIEVEABLE CONTAMINATION	SEP-05	
		#10179 PBS03		COMPLETE D&D OF FUEL RECEIVING & STORAGE AREA	SEP-05	
		#11396 PBS02		BEGIN WV TRU SHIPMENT TO RECEIVER SITE	OCT-05	
		#11375 PBS02		COMPLETE REMOVAL OF CONATMINATED EQUIPMENT/PIPING FROM VIT FAC	SEP-06	
		#11381 PBS02		COMPLETED PROCUREMENT OF HLW CASKS/RECEIVER SITE MODS/AGREEMENT	SEP-06	
		#11382 PBS02		BEGIN HLW CANISTER SHIPMENT	OCT-06	
		#11383 PBS02		COMPLETE HLW CANISTER SHIPMENT	SEP-10	Note 1
		#11388 PBS02		COMPLETE PROCESS BUILDING DECON BEFORE FINAL DISPOSITION	SEP-10	
		#11389 PBS02		COMPLETE TREATMENT/PACKAGING OF VF/PB DECON RH-TRU/HAW	SEP-10	

Note 1 HQ PEIS ROD Issued. HLW will remain on-site until a Federal Repository is available.

**West Valley Demonstration Project
Accelerated Cleanup Path to Closure Planning Level Data
Milestone Listing**

CONTROL LEVEL				MILESTONE DESCRIPTION	DATE	STATUS
Level 0 (AE)	Level 1 (PSO/FMO)	Level 2 (DOE-WV)	Level 3 (WVNS)			
		#11376 PBS02		COMPLETED D&D OF VIT FAC & HLW TANK FARM	SEP-10	
		#11391 PBS02		COMPLETE TREATMENT/PACKAGING OF CPC/WSA RH-TRU/HAW	SEP-12	
		#11399 PBS02		COMPLETE D&D OF BALANCE OF PROJECT FACILITIES PER ROD/NRC	SEP-13	
		#11397 PBS02		COMPLETE WV TRU SHIPMENT TO RECEIVER SITE	SEP-13	
		#11392 PBS02		COMPLETE D&D OF REMOTE HANDLED WASTE FACILITY	SEP-14	
		#11400 PBS02		COMPLETE LLW SHIPMENTS	SEP-14	
		#11384 PBS02		COMPLETE FINAL DISPOSITION OF PB/VF/TF PER ROD	SEP-15	
		#11398 PBS02		CLOSEOUT DOCUMENTATION FOR PROJECT COMPLETION	SEP-15	
			#11266 PBS02	DEVELOP A PREFERRED ALTERNATIVE FOR THE SITE EIS	JUN-99	Forecast April 2000
			PBS01	TRANSFER GREATER THAN 1,610 CURIES OF Pu-241 AND Tc-99 TO THE CFMT	SEP-00	
			PBS02	IDENTIFY AND SIZE REDUCE 8 ITEMS VITRIFICATION EXPENDED MATERIAL SUSPECTED TO BE CONTAMINATED WITH HLW IN CELL USING SELECT TOOLING	SEP-00	Complete March 27, 2000

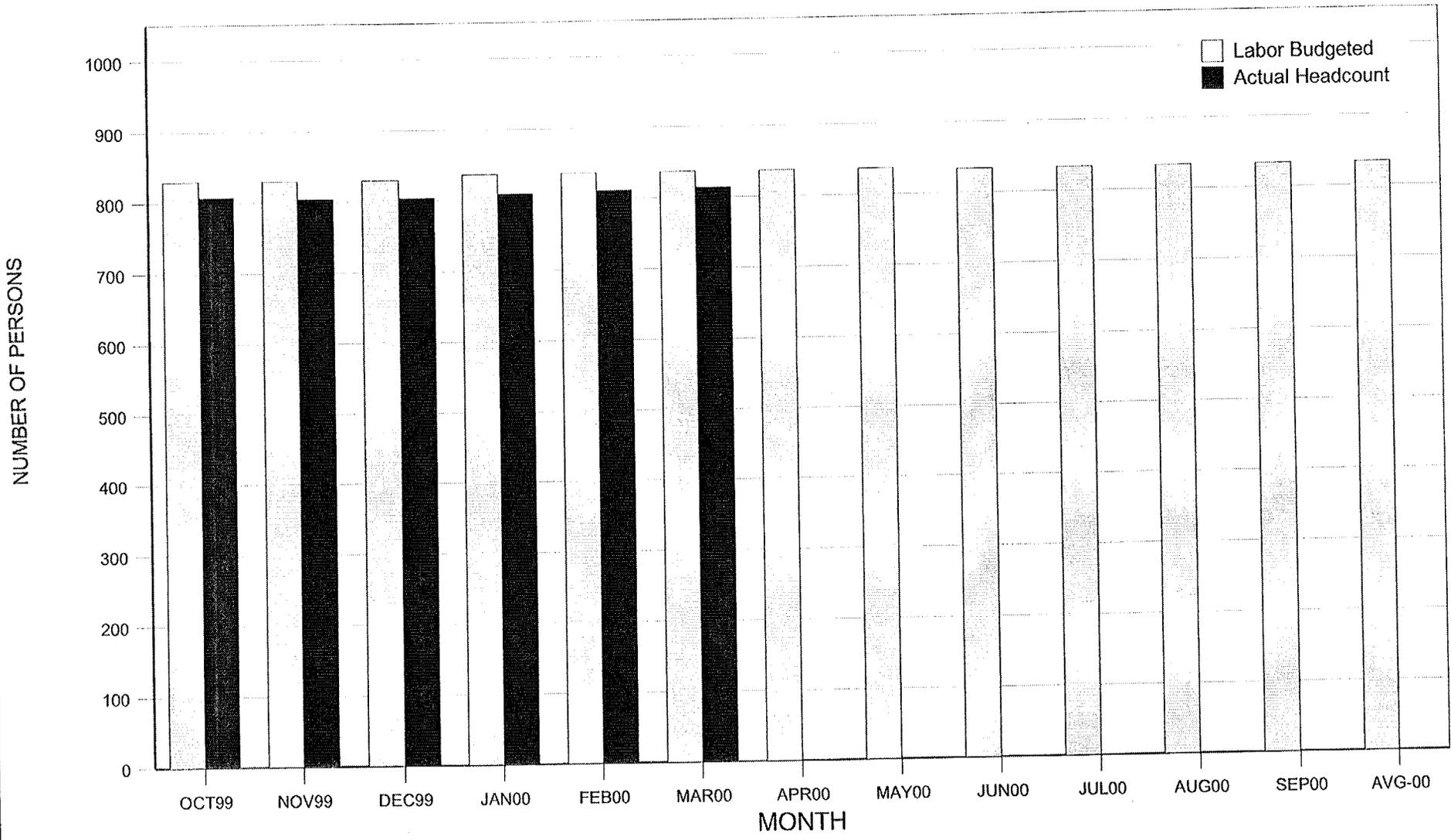
**West Valley Demonstration Project
Accelerated Cleanup Path to Closure Planning Level Data
Milestone Listing**

CONTROL LEVEL				MILESTONE DESCRIPTION	DATE	STATUS
Level 0 (AE)	Level 1 (PSO/FMO)	Level 2 (DOE-WV)	Level 3 (WVNS)			
			PBS01	TRANSFER Cs-137 ACTIVITY FROM TANK 8D-1 TO THE CFMT	SEP-00	
			#10177	COMPLETE PREPARATION/APPROVALS FOR SNF SHIPMENTS	MAR-01	
			PBS03			
			PBS02	SHIP 30,000 cu Ft (850 m3) OF LLW	SEP-00	
			PBS02	COMPLETE THE REFURBISHMENT OF THE PMC B, PMC C AND GPC B WINDOWS	JAN-00	Complete Jan 18, 2000
			PBS02	COMPLETE PRELIMINARY DESIGN OF THE REMOTE HANDLED WASTE FACILITY	AUG-00	
			PBS03	COMPLETE 100 TON CRANE MODIFICATIONS FOR PLANNED ENGINEERING LIFTS IN EXCESS OF 100 TONS FOR SPENT NUCLEAR FUEL HANDLING	FEB-00	Complete Jan 28, 2000
			PBS03	COMPLETE LINE MANAGEMENT SELF-ASSESSMENT TO VERIFY READINESS TO SHIP SNF	SEP-00	
			PBS03	COMPLETE TRAINING AND CERTIFICATION OF SPENT FUEL HANDLERS	AUG-00	
			PBS02	ASSESS OPERATION OF THE 2ND LOBE PILOT SCALE PERMEABLE TREATMENT WALL	MAY-00	
			PBS01	DEVELOP A CURIE QUANTIFICATION METHOD TO ASSESS RESIDUAL ACTIVITY IN HLW STORAGE TANKS	MAR-00	Complete March 31, 2000
			PBS02	COMPLETE THE STARTUP AND TURNOVER TO OPERATIONS OF THE PROCESS MECHANICAL CELL CRANE ROOM ENCLOSURE	SEP-00	

**West Valley Demonstration Project
Accelerated Cleanup Path to Closure Planning Level Data
Milestone Listing**

CONTROL LEVEL				MILESTONE DESCRIPTION	DATE	STATUS
Level 0 (AE)	Level 1 (PSO/FMO)	Level 2 (DOE-WV)	Level 3 (WVNS)			
			PBS02	SHIP LLW PREPPED AND STAGED FOR SHIPMENT BY RAIL FROM THE WVDP VIA ON-SITE RAIL	SEP-00	
			PBS02	PREPARE PROGRAMMATIC BASIS FOR SHIPMENT OF LLW BY RAIL	JUN-00	
			PBS02	COMPLETE DESIGN OF ENCLOSURE FOR GENERAL PURPOSE CELL CRANE ROOM	MAY-00	
			PBS02	SUBMIT PRELIMINARY REMOTE HANDLED WASTE FACILITY SAR TO OH/WVDP FOR REVIEW AND APPROVAL	JAN-00	Complete Jan 4, 2000

FY 2000 Labor Summary 31-March-2000 WVNS Personnel



Labor Budgeted	829	829	829	836	836	836	836	836	833	833	833	833	833
Actual Headcount	807	804	804	808	811	813							

Excludes 16 Casuals