

memorandum

Ohio Field Office
West Valley Demonstration Project

DATE: July 19, 2000

SUBJECT: West Valley Demonstration Project (WVDP) May 2000 Progress Report

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

Reference: Letter WD:2000:0510 (72889), J. L. Little to E. A. Lowes, "WVDP Progress Report - May - 2000," dated July 14, 2000

Attached is the WVDP Progress Report for May 2000. Any questions regarding the information contained therein can be directed to Lisa M. Maul at (716) 942-2163.



Elizabeth A. Lowes, Acting Director
West Valley Demonstration Project

Attachment: Referenced Document

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LMM/sdm

*4MSSSO/Public
Rec'd at DED from
NMSS on 11/1/00*

Elizabeth A. Lowes



Westinghouse
Government Services Group

WEST VALLEY NUCLEAR SERVICES COMPANY

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Elizabeth A. Lowes, Acting Director
U.S. Department of Energy
West Valley Demonstration Project
10282 Rock Springs Road
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WV-07
WD:2000:0510
July 14, 2000

Dear Ms. Lowes:

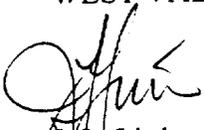
SUBJECT: WVDP Progress Report - May - 2000

Enclosed are 22 copies of the West Valley Demonstration Project Progress Report for May 2000. This report details activities and trends during May 2000.

Should you have any questions or require additional information concerning this report, please contact Messrs. J. R. Alexander or J. M. Wagner.

Very truly yours,

WEST VALLEY NUCLEAR SERVICES COMPANY


J.L. Little
Executive Vice President

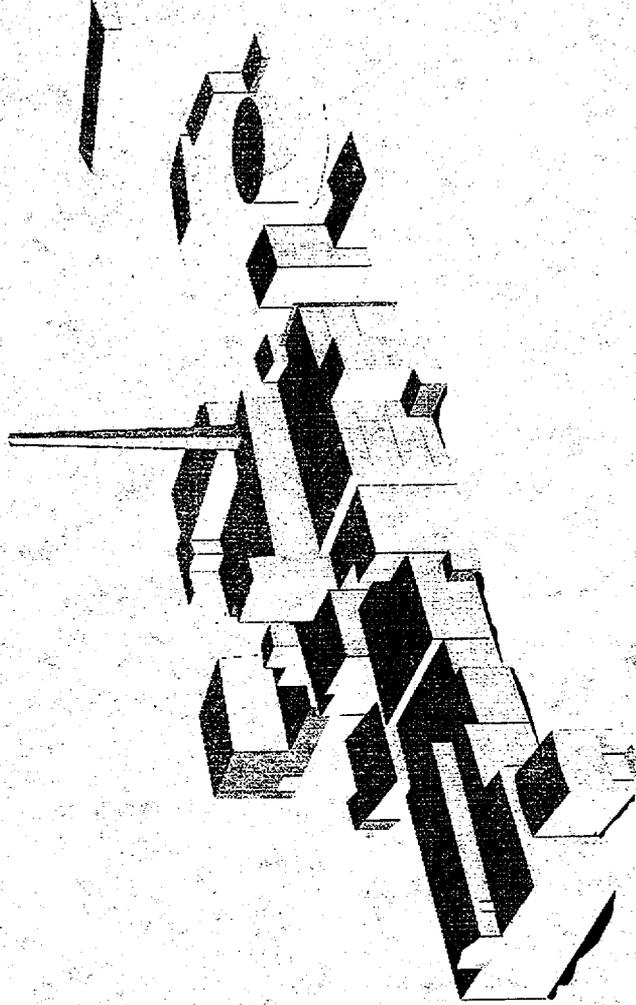
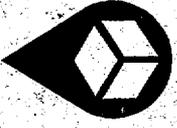
BAW

Enclosures - 22

cc: P. L. Piciulo WV-17
R.D. Avent (NYSERDA - Albany)
J. Pitkin (NYSERDA - Albany)

72889

**West Valley Demonstration Project
Progress Report
May 2000**



**West Valley Demonstration Project
Progress Report
May 2000**

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PROGRESS REPORT

Report No. 211
Reporting Period: May 2000

CONTRACT TITLE AND NUMBER: West Valley Demonstration Project
Operating Contract
DE-AC24-81NE44139

CONTRACTOR NAME: West Valley Nuclear Services Company
10282 Rock Springs Road
West Valley, New York 14171-9799

CONTRACT PERIOD: October 1, 1994 - September 30, 2001

CONTRACT OBJECTIVE: The West Valley Demonstration Project (WVDP) Act (Public Law PL 96-368) states that the Secretary of the Department of Energy (DOE) shall carry out a high level radioactive waste management demonstration project at the Western New York Nuclear Service Center (WNYNSC) in West Valley, New York, for the purpose of demonstrating solidification techniques which can be used for preparing high level radioactive waste (HLW) for disposal. The Act states that:

1. The Secretary shall solidify, in a form suitable for transportation and disposal, the HLW at the Center by vitrification or by such other technology which the Secretary determines to be most effective for solidification.
2. The Secretary shall develop containers suitable for the permanent disposal of the HLW solidified at the Center.
3. The Secretary shall, as soon as feasible, transport, in accordance with applicable law, the waste solidified at the Center to an appropriate Federal repository for permanent disposal.
4. The Secretary shall, in accordance with applicable licensing requirements, dispose of low level radioactive waste (LLW), and transuranic waste (TRU) produced by solidification of HLW under the Project.
5. The Secretary shall decontaminate and decommission (D&D) - (A) the tanks and other facilities of the Center in which the HLW solidified under the project was stored, (B) the facilities used in the solidification of the waste, and (C) any material and hardware used in connection with the project, in accordance with such requirements as the Commission (NRC) may prescribe.

West Valley Nuclear Services Company (WVNS), as DOE's management and operating contractor under a performance-based contract, will perform day-to-day activities at the existing WNYNSC site, maintain the existing facilities to DOE standards, and will plan, design, construct, execute decontamination and decommissioning (D&D) projects, and operate the solidification system in accordance with DOE's directives.

Phase I of the Project's vitrification campaign commenced in 1996 and completed in 1998, ahead of schedule and under budget. The majority of the liquid HLW was processed and vitrified in canisters that are currently being maintained in on-site storage. The remaining sludge is currently being treated and the vitrification facility is expected to continue to be utilized through FY 2001 for the treatment of remaining HLW / High Activity Waste (HAW).

A Record of Decision (ROD) is expected to be finalized subsequent to a Final Environmental Impact Statement (EIS) that will determine final disposition of facilities and closure of the site, thus defining the actions to fulfill the DOE's closure / completion responsibility per the WVDP Act.

NARRATIVE HIGHLIGHTS AND ASSESSMENT

Overall Assessment

Accomplishments/Status

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. For FY 2000, 1,752 out of an estimated 1,875 alpha transuranic curies have been transferred to the Vitrification Cell for processing to date.

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 subcontractor completed the construction of the Process Mechanical Cell Room (PMCR) Enclosure including the load testing of the five-ton bridge crane. The formal Construction walkdown was conducted on May 26, with three items identified which needed resolution.

In FY 2000, 15,162 ft³ (430m³) of Low Level radioactive Waste (LLW) has been shipped off-site for disposal. The commitment for LLW shipments in FY2000 is 30,000 ft³ (850 m³). An additional 4725 ft³ (134 m³) of LLW has been staged for rail shipment. The commitment is to stage 20,000 ft³ (566 m³) of LLW for rail shipment in FY2000.

Progress continues toward design of the Remote Handled Waste Facility (RHWF), which will allow project personnel to safely prepare WVDP high activity radioactive waste for shipping and off-site disposal. Advance copies of four new System Design Documents (SDDs) have been submitted for information. These four documents are among the ten SDDs to be received by June 30. Contracts were placed with Niagara Mohawk to provide temporary power and Citizens Telecom to provide temporary phones to the RHWF construction site.

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. The initial draft of the description of alternatives (Chapter 3) will be completed in early June. The initial draft of the affected environment (Chapter 4) will be completed by mid-June. Performance assessment models have been updated. Work on deterministic performance assessment for the high-level waste tanks in support of the incidental waste determination has been initiated. Updating of the site seismic hazard curve using the U.S. Geological Survey methodology has been completed with assistance from Dames and Moore. The analysis investigates the sensitivity of seismic hazards in Western New York. The results of calibrating the erosion code SIBERIA using the Water Erosion Prediction Project (WEPP) is being documented. Additional WEPP/SIBERIA sensitivity runs have been completed.

As part of the Spent Fuel Transportation Project, Transnuclear-Robert E. Ginna (TN-REG) and Transnuclear-Big Rock Point (TN-BRP) cask Safety Analysis Reports (SAR)s for full loads, including damaged fuel, were submitted to the Nuclear Regulatory Commission (NRC) under DOE cover letter on April 28. The NRC completed an initial completeness review. The technical review was initiated on May 1. Feedback from the NRC Project Manager is that the technical review is expected to be completed by mid-July, with the first Request for Additional Information (RAI) expected in early August. Line Management Self Assessment (LMSA) Team members completed the initial planning phase for the readiness review. Development of specific lines of inquiries has started. A presentation will be held with the local DOE Project Office on the WVNS Operational Readiness Review (ORR) Plan of Action. Comments from the local office are due June 6.

NARRATIVE HIGHLIGHTS AND ASSESSMENT

Overall Assessment

Accomplishments/Status

The WVDP hosted its second visit by the Secretary of Energy on May 5. Secretary Bill Richardson presented WVNS with the DOE Voluntary Protection Program (VPP) Star award and toured the Science Fair and Project Exposition exhibits set up as part of the Open House for the public on May 6. Among the many dignitaries who attended the event were Bill Valentino, NYSERDA President; Dr. Carolyn Huntoon, DOE Assistant Secretary for Environmental Management; Joe Fitzgerald, DOE Deputy Secretary for Worker Health and Safety; Susan Brechbill, DOE Ohio Field Office Manager; Ambrose Schwallie, WGSG President; and representatives from local congressional offices. The Secretary also presented 18 DOE academic achievement awards to local students who excelled in the sciences.

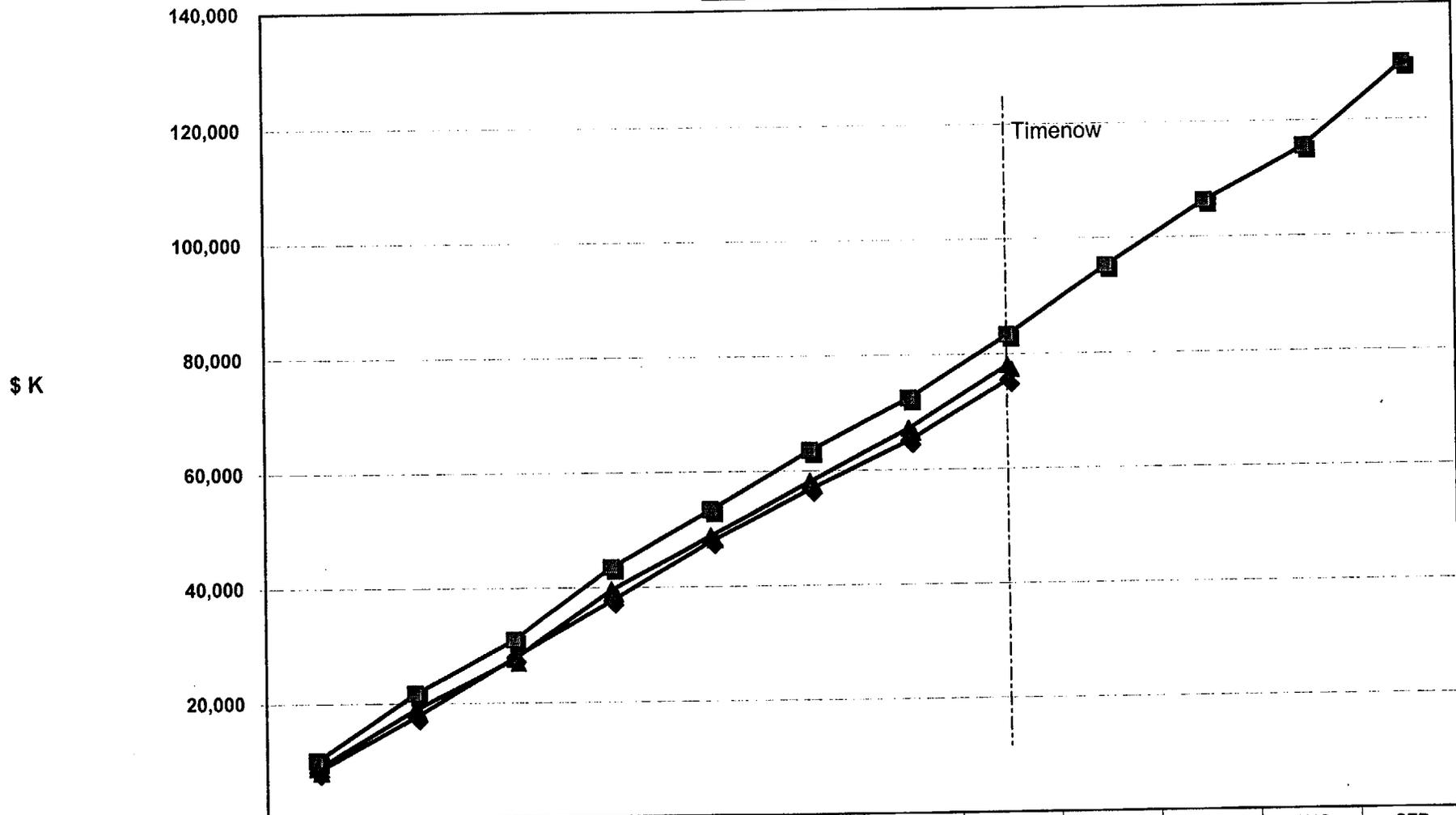
Assessment/Actions

The Project experienced no appreciable cost variance through May.

The Project experienced a \$5.3 million cumulative negative schedule variance through May. This is due primarily to less than planned progress in assembly of the Head End Cell Bridge Mounted Manipulator Systems (BMMS), delivery of spare Head End Cell manipulators, completion of small Site Decommissioning Projects, procurement of Vitrification Expended Materials Process (VEMP) 2nd generation size reduction equipment and procurement of equipment/facilities to support the shipout and disposal of High Activity VEMP waste, and less than planned progress associated with BBWI, the INEEL fuel receipt contractor, support of the Spent Nuclear Fuel (SNF) shipping project. These variances are calculated against a working schedule and do not jeopardize overall WVDP Commitments.

Performance to date for FY 2000 is 56% of work scheduled, 52% of work performed and 51% costed.

Total Project



	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
■ PROJECT BUDGET	9,980	21,663	30,949	43,469	53,398	63,507	72,373	83,332	95,160	106,351	115,565	129,685
▲ PROJECT PERFORMANCE	8,603	18,946	27,605	39,578	48,844	58,186	67,139	78,006				
◆ PROJECT ACTUAL	8,046	17,621	27,854	37,680	47,910	56,834	65,020	75,392				
DOE PBS BUDGET	9,814	21,156	30,335	42,594	52,354	62,275	71,370	81,762	93,220	104,048	113,102	126,558
DOE PBS PERFORMANCE	8,416	18,710	27,182	38,723	47,734	57,113	65,919	76,581	-	-	-	-
DOE PBS ACTUAL	9,471	19,459	30,109	39,351	49,320	58,132	65,746	76,020	-	-	-	-

PBS OH-WV-01: HLW Vitrification & High Activity Waste Processing

PBS OH-WV-01 Scope -The scope of PBS OH-WV-01 addresses activities required to comply with the mandates of the WVDP Act which stipulates that, among other responsibilities, the Secretary of the Department of Energy shall solidify, in a form suitable for transportation and disposal, the HLW at the Center by vitrification or such other technology which the Secretary determines to be most effective for solidification, and develop containers suitable for the permanent disposal of the HLW solidified at the Center.

The decision to utilize vitrification as the solidification process for the HLW at WVDP was made in 1982. In 1988, the vitrification formula which complied with the Waste Acceptance Criteria for long term disposal in the Federal Repository for the HLW at WVDP was approved. PBS-OH-WV-01 includes activities for liquid HLW processing and tank heel residual processing, and vitrification operations support. Vitrification operations are expected to continue through FY2001.

The scope of the PBS will transition to PBS OH-WV-01LT, HLW Vitrification & High Activity Waste Processing (Post 2006 Completion) beginning in FY2001 as the WVDP PBS's move from the Site Closure Fund to the Post 2006 Completion Fund. Therefore, the final scope of this PBS, including deactivation and initial decontamination of the processing facilities in FY2002 will be performed as part of OH-WV-01LT. The final decontamination and decommissioning of the vitrification facilities will be performed in PBS-OH-WV-02LT; Site Transition, Decommissioning, and Project Completion (Post 2006 Completion). Currently, Project efforts in PBS OH-WV-01 focus on activities required for final HLW residual removal and processing from the HLW tanks.

HIGH LEVEL WASTE TANK CLOSURE PROJECT

Milestone: Develop a Curie Quantification Method to Assess Residual Activity in HLW Storage Tanks

MAR-00

Status: Completed March 31, 2000.

Milestone: Complete the external Peer Review of Curie Quantification Method

JUN-00

Status: On schedule for completion by June 30, 2000. The peer review was completed and a preliminary draft report was provided to WVNS.

Milestone: Transfer Cs-137 Activity from Tank 8D-1 to the Concentrator Feed Makeup Tank (CFMT)

SEP-00

Status: The initiation of Cs-137 zeolite transfers has been accelerated from starting in July, 2000 to start on June 1, 2000, due to diminishing returns on the removal of long-lived radionuclides from Tank 8D-2 with the current mobilization and removal equipment, and the desire to devote additional time in preparing tank characterization equipment prior to its deployment.

Milestone: Transfer Greater than 1,875 Curies (Alpha Transuranics and PU-241 and Tc-99) to the CFMT

SEP-00

Status: Based on the average of the last three sets of CFMT samples, an estimated 1,752 curies of long-lived activity have been removed from Tank 8D-2 so far this fiscal year.

PBS OH-WV-01: HLW Vitrification & High Activity Waste Processing

VITRIFICATION FACILITY CLOSURE PROJECT

**Milestone: Identify, develop, and deploy two separate and effective types of remote equipment in support of
of Vitrification Expended Material Processing (VEMP)** **SEP-00**

Status: Utility Air supply to the vitrification in-cell maintenance station was increased to accommodate the use of the VEMP Generation II impact wrench. With that capability in place, size reduction of the melter view periscope was initiated. This effort is on schedule to complete prior to September 30, 2000.

**Milestone: Issue Lessons Learned Report for the second year's development, testing and installation in support
of Vitrification Expended Material Processing (VEMP)** **SEP-00**

Status: Information is continuing to be gathered from VEMP activities for the Lessons Learned Report to be issued prior to September 30, 2000.

**Milestone: Identify and size reduce 8 items of Vitrification Expended Material (VEM) suspected to be
HLW contaminated** **SEP-00**

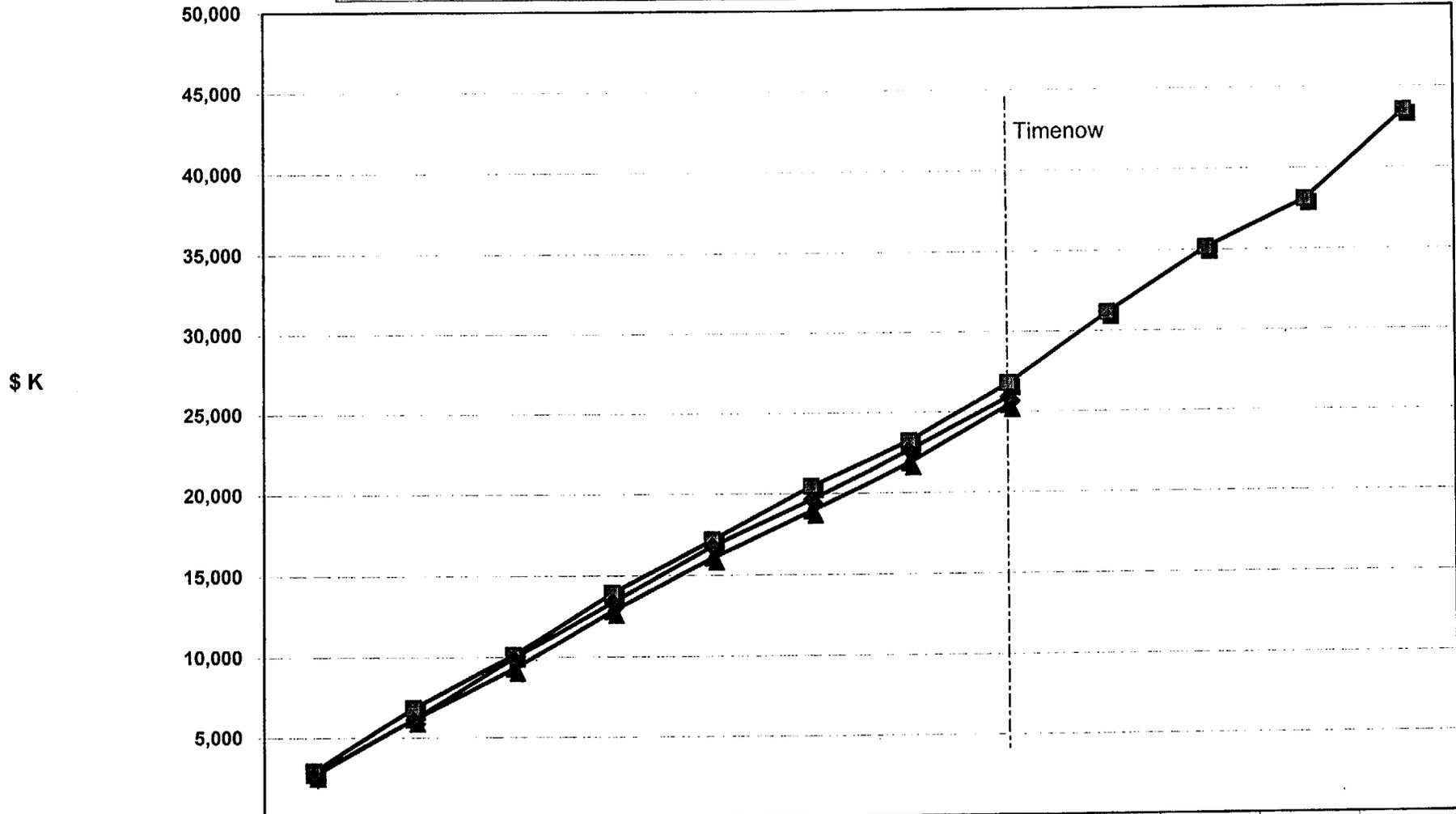
Status: Completed March 27, 2000. Eight items of VEM were processed by the end of December, 1999 but the letter reporting completion was not issued until March. Twenty-four items have been processed this fiscal year, which includes four large items contaminated with vitrification cell airborne contamination. The fourth item, the turntable top hat assembly remains staged in the Equipment Decontamination Room (EDR) for later removal to Interim Storage via a shielded box. The stretch goal for VEMP is to complete the size reduction of 25 Vitrification Expended Material Items by September 30, 2000.

PBS OH-WV-01 Assessment/Actions

HLW Vitrification & HAW Processing incurred no appreciable cost or schedule variance through May.

Performance to date for FY 2000 is 62% of work planned, 58% of work performed and 60% costed.

PBS 1 - (OH-WV-01) HLW VITRIFICATION & HIGH ACTIVITY WASTE PROCESSING



	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
■ PROJECT BUDGET	2,928	6,845	10,112	13,934	17,179	20,460	23,223	26,771	31,155	35,161	38,090	43,508
▲ PROJECT PERFORMANCE	2,733	6,133	9,251	12,825	16,084	18,905	21,852	25,415				
◆ PROJECT ACTUAL	2,666	6,128	9,935	13,350	16,800	19,610	22,639	25,924				
DOE PBS BUDGET	2,886	6,662	9,854	13,510	16,648	19,814	22,761	25,890	30,047	33,865	36,713	41,801
DOE PBS PERFORMANCE	2,701	6,042	9,055	12,130	15,113	17,903	20,645	24,091				
DOE PBS ACTUAL	3,497	6,888	10,665	13,570	16,804	19,397	22,042	25,116				

PBS OH-WV-02: Site Transitioning, Decommissioning & Project Completion

PBS OH-WV-02 Scope -The scope of PBS OH-WV-02 addresses activities required to comply with the mandates of the WVDP Act which states that, among other responsibilities, the Secretary of the Department of Energy shall, as soon as feasible, transport, in accordance with applicable law, the waste solidified at the Center to an appropriate Federal repository for permanent disposal. Additionally, the Secretary shall, in accordance with applicable licensing requirements, dispose of low level radioactive waste (LLW), and transuranic waste (TRU) produced by solidification of HLW under the Project. And finally, the Secretary shall decontaminate and decommission (D&D) - (A) the tanks and other facilities of the Center in which the HLW solidified under the project was stored, (B) the facilities used in the solidification of the waste, and (C) any material and hardware used in connection with the project, in accordance with such requirements as the Commission (NRC) may prescribe.

Project efforts in PBS OH-WV-02 focus on activities required to transition the site from HLW vitrification operations through deactivation and decommissioning and final decontamination (D&D) of Project facilities. These activities include management of the migrating radioactive groundwater plume including construction of a Permeable Barrier Wall, completion of the National Environmental Policy Act (NEPA) process to determine final facility closure activities (Environmental Projects), construction of the Remote Handled Waste Facility (RHWF) to provide the Project capability to characterize and package high activity waste for disposal (Remote Handled Waste Project), LLW storage and shipping for off-site disposal (Waste Disposal Projects), Head End Cell (HEC) equipment installation / upgrades and HEC Spent Fuel Debris Retrieval (Facility Closure Projects), and development of alternative on-site HLW canister storage capability.

During execution of all provisions of the WVDP Act, the Project is committed to continuing safe storage and removal of the transuranic (TRU) waste, HLW canisters, as well as safe storage, and waste management of the mixed low-level waste (MLLW) and low level waste (LLW).

The scope of the PBS will transition to PBS OH-WV-02LT, Site Transitioning, Decommissioning & Project Completion (Post 2006 Completion) beginning in FY2001 as the WVDP PBS's move from the Site Closure Fund to the Post 2006 Completion Fund.

REMOTE HANDLED WASTE PROJECT (RHWP)

Scope: Implementation of site remote handled (RH) waste activities include all activities necessary to precharacterize, analyze, sample, and inspect RH wastes. Evaluation of options for preparing RH waste for disposal, including, but not limited to, design, fabrication, testing and operation of a Remote Handled Waste Facility (RHWF) is included. Also included in the scope is evaluation of new state-of-the-art cutting and decontamination capabilities, and evaluation of transportation options associated with off-site shipping of RH waste.

Milestone: Submit preliminary Remote Handled Waste Facility (RHWF) Safety Analysis Report (SAR) to OH/WVDP JAN-00
for review and approval

Status: Completed Jan 4, 2000.

Milestone: Complete Preliminary Design of the Remote Handled Waste Facility AUG-00

Status: Advanced copies of four new System Design Documents (SDDs) have been submitted to WVNS by the Contractor for information. These four documents are among the ten SDDs to be received by June 30. This milestone remains on track for completion in August, 2000.

PBS OH-WV-02: Site Transitioning, Decommissioning & Project Completion

ENVIRONMENTAL PROJECTS

Scope: The primary focus of Environmental Projects is the completion of the Environmental Impact Statement (EIS) associated with completion of the West Valley Demonstration Project (WVDP) and closure or long-term management of the Western New York Nuclear Service Center (WNYNSC). This effort also identifies scopes for the site disposition implementation plan and the development of end states for disposition of various facilities such as support stabilization and closure of land based units at the WVDP, including analysis and engineering to address the north plateau radioactive groundwater plume.

Milestone: Develop Preferred Alternative for the Site EIS

APR-00

Status: Negotiations continue between DOE and NYS. A decision is expected shortly.

Milestone: Assess / Prepare report to DOE for additional Permeable Treatment Wall (PTW) installations

MAY-00

Status: A Preliminary Operational Assessment Report was issued to the DOE May 19, 2000. Planning is underway with support groups to implement recommendations made in the Preliminary Operational Assessment Report. Monitoring to evaluate performance of the PTW continues, including measurement of groundwater elevations to help evaluate groundwater flow in the PTW area.

PBS OH-WV-02: Site Transitioning, Decommissioning & Project Completion

WASTE DISPOSAL PROJECTS

Scope: Waste Disposal Projects include, but are not limited to, the proper packaging, handling, storing, tracking and shipment of processed low-level radioactive waste, mixed waste, hazardous waste, industrial and sanitary waste. This includes compliance with applicable rules, regulations and administrative controls in the performance of the above activities. Waste disposal projects includes database development, Low Level Waste Treatment Facility (LLWTF) sludge and resin treatment, packaging, soil sorting and/or consolidation, waste minimization, and development of the capability for Real-Time Radiography (RTR) at the site to inspect waste packages prior to shipping for disposal. Disposal facilities at sites such as the Nevada Test Site (NTS) and Hanford have incorporated RTR into their receipt inspection procedures. These sites will be radiographing a representative sampling of waste packages shipped to them to detect the presence of prohibited items. WVDP's purpose in acquiring this capability is primarily to detect non-compliant conditions and materials in waste packages prior to shipping waste to these sites.

Milestone: Prepare an overall program plan to prepare the WVDP for shipment of LLW from the WVDP via an onsite rail spur. DEC-99

Status: Completed December 9, 1999.

Milestone: Prepare and document an evaluation of alternative containerization options available to ship LLW for disposal by rail. MAR-00

Status: Completed March 30, 2000.

Milestone: Establish the necessary procedures to support on-site rail shipment of LLW. JUN-00

Status: Completed May 26, 2000. The rail checklist, Standard Operating Procedures (SOPs), and cover letter have been forwarded to DOE OH/WVDP.

Milestone: Ship 30,000 cu ft (850 m³) of LLW SEP-00

Status: Box preparation operations have been moved to the new shipping depot which will give Operations better working space and provide lower worker exposure background levels for As Low As Reasonably Achievable (ALARA) considerations. For FY2000, 15,162 ft³ (430m³) of radioactive Low Level Waste (LLW) has been shipped off-site for disposal.

Milestone: Ship LLW Prepared and Staged for Shipment from the WVDP via on-site Rail SEP-00

Status: A purchase order, drawings, and scope of work are being finalized to procure a contractor to build the Rail Packaging and Staging Area.

PBS OH-WV-02: Site Transitioning, Decommissioning & Project Completion

FACILITY CLOSURE PROJECTS

Scope: Implement strategies associated with collection and processing of high activity wastes generated as a result of prior spent fuel reprocessing operations, as well as recent processing activities, including vitrification. Scope includes all activities necessary for debris collection and processing from the head end cells, including facility upgrades, debris collection, and processing operations.

Milestone : Complete refurbishment of the Process Mechanical Cell (PMC) B & C, and General Purpose Cell (GPC) B Windows **JAN-00**

Status: Completed January 18, 2000

Milestone: Complete Design and Place Contract for General Purpose Cell Crane Room (GCR) Enclosure **MAY-00**

Status: Completed April 28, 2000.

Milestone: Remove Two Tanks from Off Gas Aisle (OGA) **JUL-00**

Status: Tank 14D-30 was removed from the OGA and has been placed in a waste box in the Extraction Cell Chemical Room (XCR). The penetrations in the floor have been cut flush and plugged and the out of service ventilation duct has been clear-coated to fix contamination and removed. All the electrical conduit and miscellaneous structure remaining on the pad were removed. This activity is on track for completion by July 31, 2000.

Milestone: Remove Tanks at Low-Level Waste Treatment Facility (O2) Tank Pad **AUG-00**

Status: The clarifier contents have been transferred to the old Interceptor. The quartz from the bottom of the Ion Exchange Columns in the LLWTF was removed. The Pedestal Jib Crane to be used in the downsizing of the process tanks was received. Removal of interferences from the south exterior wall of LLWTF in preparation for tent installation over the clarifier was completed. The clarifier will be the first of the three remaining tanks to be size reduced and packaged for disposal. Mock-up / Training on the use of Plasma Torch Cutting to be used for the downsizing of the tanks started. This activity is on schedule for completion in August, 2000.

Milestone: Issue addendum to Safety Analysis Report (SAR) for Head End Cell cleanup work **AUG-00**

Status: On schedule for completion in August, 2000.

PBS OH-WV-02: Site Transitioning, Decommissioning & Project Completion

Milestone: Process Mechanical Cell Crane Room (PMCR) Startup and Turnover to Operations

SEP-00

Status: Work on the close out of the PMCR Enclosure punchlist items continues. The contractor installed the HVAC valving and completed the load testing of the 5 ton bridge crane. Maintenance Electricians completed the removal of the lighting fixtures and D&D Operations completed the removal of the old Air Handling Unit in the PMCR Enclosure Change Room. With the removal of this equipment, the raised floor and the airlock for the enclosure were installed. Installation of the utility air line to the PMCR Enclosure Change Room was also completed. Hot Cells Services was on Site during May and completed the installation of the shield glass for the two shield windows. This activity is on track for completion in September, 2000.

Milestone: Demolish Fuel Receiving and Storage Area (FRS) Cooling Tower

SEP-00

Status: The National Environmental Policy Act (NEPA) checklist and notification to Environmental Protection Agency (EPA) was approved to support the removal of the FRS Cooling Tower. Approximately 1400 linear feet of electrical conduit, 120' of steam piping and 120' of utility water piping were removed between the block building and the FRS. All of this material was radiologically surveyed and free-released for disposal as construction waste. The rad shed was dismantled and packaged for disposal. Characterization samples were shipped to the off-site lab for analysis. This activity is on schedule for completion in September, 2000.

Milestone: Procure/Install/Turnover condensate tank to Main Plant Operations

SEP-00

Status: Installation of the new Condensate Tank and the associated piping and equipment was completed in April, two months ahead of schedule. Operational checkout was completed and the system was then placed in service and turned over to operations. The old condensate tanks will be physically isolated. This activity is ahead of schedule for completion by September 2000.

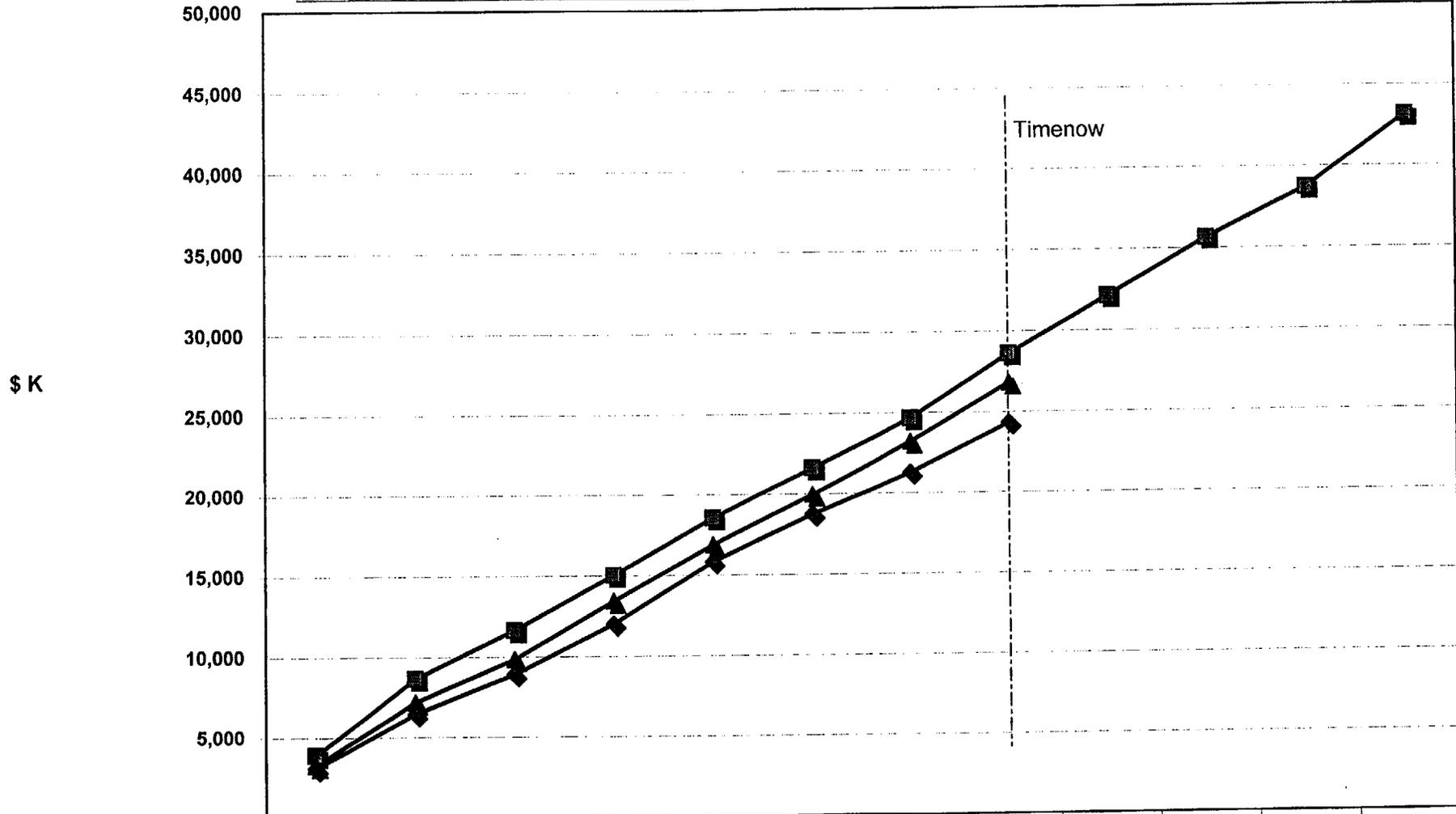
PBS OH-WV-02 Assessment/Actions

The negative schedule variance increased by \$0.35 million in May, resulting in a cumulative schedule variance of negative \$1.80 million. This is due primarily to less than planned progress in assembly of the Head End Cell Bridge Mounted Manipulator Systems (BMMS), delivery of spare Head End Cell manipulators, completion of small Site Decommissioning Projects, procurement of VEMP 2nd generation size reduction equipment and procurement of equipment/facilities to support the shipout and disposal of High Activity VEMP waste. The latter has been delayed until next fiscal year. The BMMSs and manipulators will be delivered to support the Head End Cell Project. The Decommissioning Projects are also anticipated to complete on schedule. A number of purchase orders have been placed for VEMP 2nd generation equipment; however, a portion of this scope may not be performed until FY 2001.

The positive cost variance increased by \$0.55 million in May, resulting in a cumulative cost variance of positive \$2.48 million. This is due to less labor expended than planned to perform Project and operations activities, as well as less than planned costs for the Head End Cell BMMSs, materials for repair of the General Purpose Cell Crane Room shield door and Waste Management Operations.

Performance to date for FY 2000 is 66% of work planned, 62% of work performed and 56% costed.

PBS 2 - (OH-WV-02) SITE TRANSITIONING, DECOMMISSIONING & PROJECT COMPLETION



	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
■ PROJECT BUDGET	3,890	8,656	11,638	15,034	18,537	21,623	24,671	28,631	32,116	35,667	38,711	43,166
▲ PROJECT PERFORMANCE	3,276	7,187	9,835	13,415	16,883	19,962	23,224	26,832				
◆ PROJECT ACTUAL	3,098	6,476	8,901	12,012	15,835	18,740	21,295	24,347				
DOE PBS BUDGET	3,776	8,339	11,298	14,628	18,055	21,117	24,169	28,020	31,437	34,915	37,935	42,226
DOE PBS PERFORMANCE	3,145	7,017	9,659	13,160	16,624	19,697	22,958	26,468				
DOE PBS ACTUAL	3,185	6,898	9,559	12,663	16,563	19,583	22,066	25,204				

PBS OH-WV-03: Spent Nuclear Fuel

PBS OH-WV-03 Scope - The Department of Energy is responsible for 125 spent nuclear fuel (SNF) assemblies at the site. The scope of PBS OH-WV-03 addresses activities required to comply with the mandates of the Agreement between the New York State Energy Research and Development Authority (NYSERDA) and the Department Of Energy (DOE) on Spent Nuclear Fuel located at the Western New York Nuclear Service Center, and the DOE/Navy/State of Idaho Consent Order/Settlement Agreement on Spent Fuel and Nuclear Waste.

The agreement between NYSERDA and DOE allows DOE to use the Fuel Receiving and Storage Area to store, pending removal, the spent nuclear fuel that DOE had taken title to from the previous site operator, Nuclear Fuel Services.

The DOE/Navy/ID Consent Order: Court Order Civil No 91-0035-8-EJL conditionally reopens the Idaho National Engineering and Environmental Laboratory (INEEL) to receive West Valley SNF, until an interim storage facility or permanent repository is opened accepting spent fuel from INEEL. DOE may ship all West Valley SNF to INEEL. This agreement resulted in EM issuing the "National SNF Interim Storage Plan" which stipulates that West Valley SNF is to be shipped to INEEL in the year 2001.

The scope of the PBS will transition to PBS OH-WV-03LT, Spent Nuclear Fuel (Post 2006 Completion) beginning in FY2001 as the WVDP PBS's move from the Site Closure Fund to the Post 2006 Completion Fund.

Currently, Project efforts in PBS OH-WV-03 focus on activities required for operational readiness for spent fuel shipments, both at the WVDP and INEEL.

Milestone: Complete Fuel Receiving and Storage Area (FRS) 100 Ton Crane Modifications

FEB-00

Status: Completed Jan 28, 2000

Milestone: Submit Transnuclear, Inc. Big Rock Point (TN-BRP) and Transnuclear, Inc. Robert E. Ginna (TN-REG) Safety Analysis Reports to Nuclear Regulatory Commission (NRC)

JUN-00

Status: Completed April 28, 2000. Transnuclear-Robert E. Ginna (TN-REG) and Transnuclear-Big Rock Point (TN-BRP) cask Safety Analysis Reports (SAR)s for full loads, including damaged fuel, were submitted to the Nuclear Regulatory Commission (NRC) under DOE cover letter on April 28.

Milestone: Complete review and revision of relevant existing operations procedures

JUN-00

Status: All procedure revisions will meet the June, 2000 milestone date.

Milestone: Complete Training and Certification of Fuel Handlers

AUG-00

Status: The first crew of operations personnel are finishing the Fuel Receiving and Storage Area (FRS) Facility Systems qualification course. A second crew of Operators (5) began the course. Two Quality Assurance (QA) inspectors and a QA Engineer are also participating. A WVNS assessment of the training program was performed and recommendations for modifications to the program are being implemented.

PBS OH-WV-03: Spent Nuclear Fuel

Milestone: Complete Leak Tests of the TN-BRP and TN-REG Casks

AUG-00

Status: The proposal for the cask and impact limiter leak tests from Quality Inspection Services was received May 31. The order will be placed following successful completion of the audit by Quality Assurance. A report by the representative from Transnuclear on his visit to WVNS on May 24 to inspect the cask sealing surface is being prepared. This activity is on schedule for completion in August, 2000.

Milestone: Complete Line Management Self Assessment (LMSA) for Fuel Shipping

SEP-00

Status: LMSA Team members completed the initial planning phase for the readiness review. Development of specific lines of inquiry has started. A presentation will be held with the local DOE Project Office regarding the WVNS ORR Plan of Action. Comments from the local office are due June 6. The action is on schedule for completion in September, 2000.

Milestone: Complete All Activities Necessary to Commence Fuel Shipment to INEEL

MAR-01

Status: This activity is on schedule for completion in March, 2001. The first set of support ribs (24) for the Buttermilk Creek Culvert Repair have been received from Eagle Fabricating; the next batch of 30 ribs is scheduled for delivery June 10. Butler Construction site mobilization has begun and work continues on required submittals. Work on the diversion culvert is scheduled to begin in June.

The inspector from the Federal Rail Administration returned May 25 and performed a walkdown of the completed rail spur. All work required to allow rail traffic on the spur was judged satisfactory. Patterson-Stevens, the rail spur maintenance contractor, will replace 11 ties to return the spur to Class 2 requirements, which are required for shipments of spent nuclear fuel.

The NRC initial Request for Additional Information resulting from the technical review of the TN-BRP and TN-REG Safety Analysis Reports is expected in early August. The structural review is expected to be complete by mid-June. The NRC has informed DOE of a concern regarding apparent insufficient conservatism of the criticality analysis with damaged fuel. A conference call to discuss the concern is being arranged by DOE.

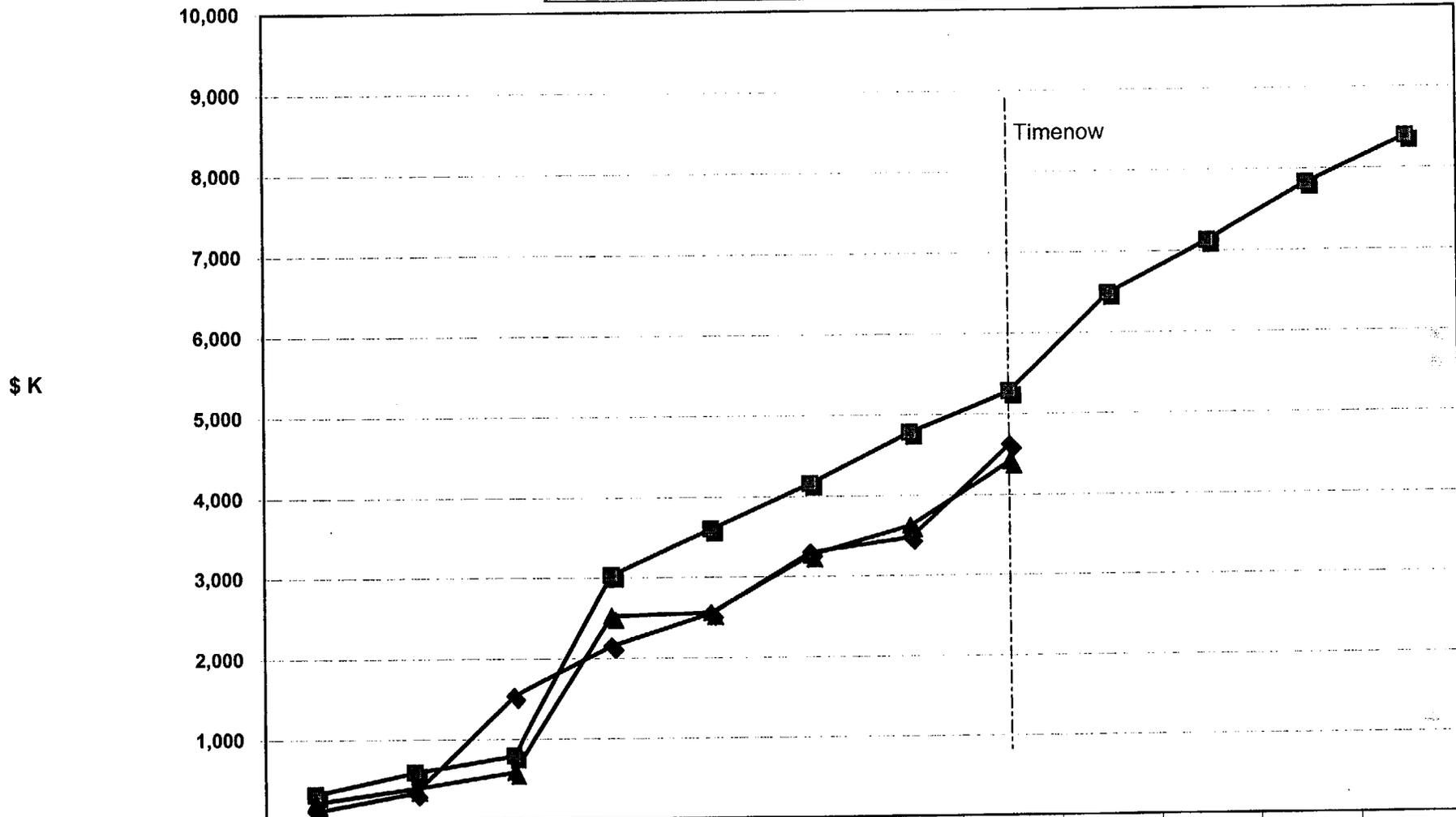
PBS OH-WV-03 Assessment/Actions

The negative schedule variance was reduced by \$0.30 million in May, resulting in a cumulative schedule variance of negative \$0.86 million. This is primarily due to the fact that the contractor for fuel receipt at INEEL has been directed to defer non-critical path half-load shipment preparation activities. The fuel receipt contractor remains behind the original plan, however efforts are being supported to recover the schedule slippage.

There was no appreciable cost variance through May.

Performance to date for FY 2000 is 63% of work planned, 53% of work performed and 55% costed.

PBS 3 - (OH-WV-03) SPENT NUCLEAR FUEL



	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
■ PROJECT BUDGET	316	584	792	3,032	3,599	4,162	4,782	5,280	6,485	7,127	7,831	8,393
▲ PROJECT PERFORMANCE	214	385	585	2,525	2,559	3,263	3,624	4,416				
◆ PROJECT ACTUAL	103	332	1,536	2,153	2,548	3,298	3,473	4,626				
DOE PBS BUDGET	381	714	987	3,292	3,924	4,552	5,230	5,798	7,068	7,774	8,543	9,170
DOE PBS PERFORMANCE	290	532	748	2,880	2,931	3,721	4,135	4,997				
DOE PBS ACTUAL	169	477	1,803	2,494	2,934	3,759	3,949	5,232				

PBS OH-WV-04: Project Management/Site Support

PBS OH-WV-04 Scope -This PBS provides for management of basic facilities, equipment, installations, and related administrative and technical services essential for occupation and operation of the site. This includes roads, utilities, environmental monitoring, analytical laboratories, safeguards and security, offices, warehouses, corrective maintenance, and preventive maintenance. It also includes technical support and contract expertise in evaluating waste management activities. It includes activities related to strategic planning, information activities, and field management. Also included are preparation of project baseline summaries, integrated priority lists, site-wide technical baselines, facility plans, system engineering, and complex-wide plans.

This PBS will be eliminated beginning in FY2001 to support creation of an overhead, allocable cost pool. This will allow for an equitable distribution of indirect costs across the mission related PBSs (OH-WV-01LT, OH-WV-02LT, OH-WV-03LT), and provide a more accurate representation of the costs and resources required to support those efforts.

Projects/Status

The WVDP hosted its second visit by the Secretary of Energy on May 5. Secretary Bill Richardson presented WVNS with the DOE Voluntary Protection Program (VPP) Star award and toured the Science Fair and Project Exposition exhibits set up as part of the Open House for the public on May 6. Among the many dignitaries who attended the event were Bill Valentino, NYSERDA President; Dr. Carolyn Huntoon, DOE Assistant Secretary for Environmental Management; Joe Fitzgerald, DOE Deputy Secretary for Worker Health and Safety; Susan Brechbill, DOE Ohio Field Office Manager; Ambrose Schwallie, WGSG President; and representatives from local congressional offices. The Secretary also presented 18 DOE academic achievement awards to local students who excelled in the sciences.

The Science Fair and Project Exposition was open to the public on May 6. More than 350 visitors registered for walking or bus tours of the Project and viewed the WVDP exhibits, which included educational safety demonstrations and activities for children of all ages. Four \$500 Westinghouse awards were presented to winners of the Science Fair competition. A total of 22 high school students registered for the competition either individually or in groups.

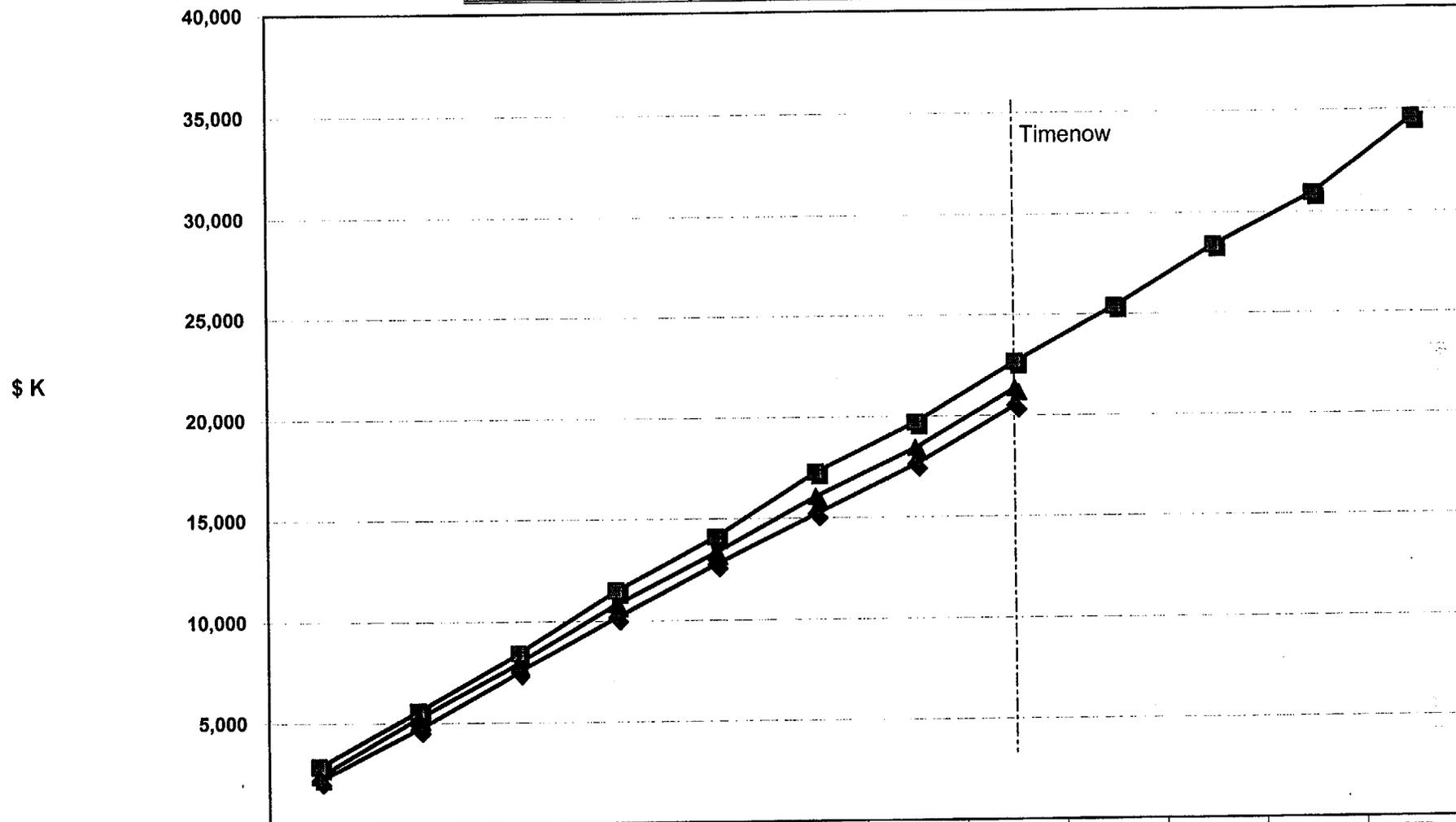
There was zero reportable skin, clothing, nasal, or internal contaminations for WVDP radiological workers in May 2000. There were two Occupational Safety and Health Administration (OSHA) recordable incidents during May 2000, making the WVDP's calendar year-to-date Total Recordable Case Rate (TRC) 2.04.

PBS OH-WV-04 Assessment/Actions

Project Management/Site Support incurred no appreciable schedule or cost variance through May.

Performance to date for FY 2000 is 65% of work planned, 62% of work performed and 59% costed.

PBS 4 - (OH-WV-04) PROJECT MANAGEMENT/SITE SUPPORT



	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
PROJECT BUDGET	2,846	5,578	8,406	11,470	14,084	17,262	19,698	22,650	25,404	28,396	30,933	34,618
PROJECT PERFORMANCE	2,381	5,240	7,934	10,814	13,318	16,056	18,439	21,343				
PROJECT ACTUAL	2,180	4,686	7,482	10,164	12,727	15,186	17,613	20,495				
DOE PBS BUDGET	2,772	5,441	8,197	11,164	13,727	16,793	19,211	22,054	24,667	27,494	29,911	33,361
DOE PBS PERFORMANCE	2,280	5,119	7,720	10,553	13,066	15,792	18,181	21,025				
DOE PBS ACTUAL	2,620	5,196	8,082	10,624	13,019	15,393	17,689	20,468				

WVNS Monthly Progress Report - May 2000
ADMINISTRATIVE

Project personnel as of May 31, 2000:

	<u>Mgt</u>	<u>Prof</u>	<u>NE</u>	<u>Hourly</u>	<u>Total</u>
WVNS On Board ¹	106	339	188	170	803
Contract Guard	0	0	0	21	21
Dames and Moore ²	8	30	0	0	38
Project Total:	<u>114</u>	<u>369</u>	<u>188</u>	<u>191</u>	<u>862</u>
EEO Statistics:					
	<u>Mgt</u>	<u>Prof</u>	<u>NE</u>	<u>Hourly</u>	<u>Total</u>
Minority (Included in WVNS Total)	11	42	11	12	76
Female (Included in WVNS Total)	14	78	120	24	236

¹ On Board total excludes 14 casuals and 30 Summer Students.

² Includes Dames and Moore located on WVDP and AOC premises.

Total positions will not equal budgeted positions due to monthly transitioning of replacement requisitions.

Accomplishments/Status

New York State Sales and Use Tax

On April 20, 2000 the Appellate Division issued its Opinion and Judgement regarding the WVNS appeal of the Tax Tribunal's decision in this case. The Court affirmed the Tax Tribunal's determination that the sale for resale exception was inapplicable to WVNS purchases on behalf of the DOE. While there is no automatic right to appeal this decision, on May 26, 2000, WVNS filed a notice of Motion for Leave to Appeal and a Brief in support of the motion with the Court of Appeals.

TOTAL PROJECT EARNED VALUE REPORT

ITEM	CURRENT PERIOD					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	3,549	3,563	3,285	14	278	26,771	25,415	25,924	(1,356)	(509)	43,508
PBS 02 - SITE TRANSITION, DECOMMISSIONING & PROJECT COMPLETION	3,961	3,609	3,052	(352)	557	28,631	26,831	24,347	(1,800)	2,484	43,166
PBS 03 - SPENT NUCLEAR FUEL	498	792	1,153	294	(361)	5,280	4,416	4,626	(864)	(210)	8,393
PBS 04 - PROJECT MANAGEMENT & SITE SUPPORT	2,952	2,904	2,882	(48)	22	22,650	21,343	20,495	(1,307)	848	34,618
PMB	10,960	10,868	10,372	(92)	496	83,332	78,005	75,392	(5,327)	2,613	129,685
WVNS MR	-	-	-	-	-	-	-	-	-	-	1,441
TOTAL WVNS	10,960	10,868	10,372	(92)	496	83,332	78,005	75,392	(5,327)	2,613	131,126
Deobligations/Expense	171	38	38	(133)	-	1,368	495	495	(873)	-	2,458
Taxes	-	-	-	-	-	-	-	-	-	-	-
Fee/Credit/Other	958	933	933	(25)	-	7,661	7,994	7,994	333	-	11,491
DOE MR	-	-	-	-	-	-	-	-	-	-	(389)
Non Project	2	2	2	-	-	16	16	16	-	-	25
s/t	1,131	973	973	(158)	-	9,045	8,505	8,505	(540)	-	13,585
FY 2000 TOTAL WVDP	12,091	11,841	11,345	(250)	496	92,377	86,510	83,897	(5,867)	2,613	144,711

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)

<u>Project Budget</u>	<u>Prior</u>	<u>FY2000</u>	<u>FY 2001-2015</u>	<u>Total</u>
PBS 1 High-Level Waste Processing	-	43,508	81,066	124,574
PBS 2 Transition & Project Completion	-	43,166	1,186,565	1,229,731
PBS 3 Spent Nuclear Fuel	-	8,393	10,477	18,870
PBS 4 Project Management & Support	-	34,618	455,152	489,770
Prior - WBS	1,419,616			1,419,616
Escalation	-	-	349,888	349,888
PMB Line	1,419,616	129,685	2,083,148	3,632,449
WVNS Mgmt. Reserve	-	1,441	-	1,441
Contract Budget Base	1,419,616	131,126	2,083,148	3,633,890
DOE Obligations 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	-	-	-	-
Non Project	-	25	-	25
TOTAL TPCE (YOE)	1,639,513	144,711	2,083,148	3,867,347
<u>Project Funding Sources</u>	<u>Prior</u>	<u>FY2000</u>	<u>FY 2001-2015</u>	<u>Total</u>
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	1,925	-	3,231
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	206,349	345,970
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	120,514	2,082,293	3,858,395

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%)

* FY2001 President's Budget Includes the WVDP @ \$ 107.4M

PROJECT RESERVE TRANSACTIONS FY2000

OCT NOV DEC JAN FEB MAR APR MAY JUN JUL AUG SEPT TOTAL
2,000

WVNS MR BEGINNING BALANCE

PMB/CBB	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	TOTAL
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/M-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
PMB 2000059 REPLAN HEAD END CELL PROJECT								-150					-150
PMB 2000062 RETURN WTF/VIT MAINTENANCE & REPAIR BUDGET NO LONGER NEEDED								250					250
PMB 2000063 RETURN FOR DEVLPMT OF REQS/CONCEPT DSGN OF POST VIT LWTS WHICH IS DESCOPE								52					52
PMB 2000053 REQUEST 114K FOR DISPOSAL OF SITE TREATMENT PLAN WASTE STREAMS									-114				-114
PMB 2000056 REQUEST 820K TO RECONCILE BUTTERMILK CREEK CULVERT REPAIR W/SELECTED ALTERNATIVE									-820				-820
CBB 2000070 RECLAMATION OF NYS SALES TAX ACCRUAL								1500					1,500
													0
													0
													0
													0
													0
													0
WVNS MR TOTAL	0	-573	-700	226	0	-230	152	566	0	0	0	0	1,441

OCT NOV DEC JAN FEB MAR APR MAY JUN JUL AUG SEPT TOTAL
2,000

DOE MR BEGINNING BALANCE

PMB/CBB	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	TOTAL
NO TRANSACTIONS	0												0
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
NO TRANSACTIONS								0					0
													0
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DOE MR TOTAL	0	0	900	-2832	-457	0	0	0	0	0	0	0	-389

Note: Dollars in thousands

**WEST VALLEY DEMONSTRATION PROJECT FINANCIAL REPORT
FISCAL YEAR 2000**

Reporting Period:
May 2000

Contract Number: DE-AC24-81NE44139

Dollars expressed in thousands.

WBS Description	Prior Years Uncosted (C/O)	FY 2000 BA	Obligations Available to Date	FY 2000 Planned Budget	FY 2000 Costs to Date	Uncosted	Budget Planned to Date
OH-WV-01 HLW Vit & HAW Processing	1,024	36,788	37,812	41,365	25,116	12,696	27,577
OH-WV-02 Site Transition, Decommission & Proj C	10,688	26,804	37,492	41,115	24,929	12,563	27,410
OH-WV-03 Spent Nuclear Fuel	1,243	6,500	7,743	9,052	5,063	2,680	6,035
OH-WV-04 Project Management / Site Support	909	30,435	31,344	33,231	20,418	10,926	22,154
Contingencies , Reserves & Taxes	0	0	4,755	1,052	0	0	0
SUBTOTAL WVNS EX05 CONTRACT	13,864	100,527	119,146	125,815	75,525	38,866	83,176
Other Ohio Office Obligations	177	(116)	74	73	103	27	103
TOTAL OHIO OFFICE	14,041	100,411	119,220	125,889	75,628	38,893	83,278
TOTAL DOE OBLIGATIONS ***	1,539	845	2,384	2,384	392	1,992	392
EX05 PROJECT OBLIGATED FUNDS	15,580	101,256	116,836	128,273	76,020	40,885	83,670
Unobligated Funds	0	5,686	5,686	0	0	0	0
TOTAL EX05 PROJECT FUNDING FY00	15,580	106,942	122,522	128,273	76,020	40,885	83,670
Non-EX-05 Funding	93	1,925	2,018	2,018	1,137	1,124	813
TOTAL DOE	15,673	108,867	124,540	130,291	77,157	42,009	84,483
NYSERDA NE Project (SDA Share)	0	0	0	0	0	0	0
NYSERDA NE Proj. (EIS Share) + Fee	0	412	412	412	246	166	275
NYSERDA NS Project + Fee	353	9,969	10,322	12,742	5,852	4,470	8,495
NYSERDA Credit	0	1,241	1,241	1,241	824	417	827
NYSERDA NY Non-Project + Fee	0	25	25	25	16	0	17
TOTAL WVDP	16,026	120,514	136,540	144,711	84,095	47,062	94,097

*** 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:
May 2000

Contract Number: DE-AC24-81NE44139

Dollars expressed in thousands.

DOE Obligations	Prior Years Uncosted (C/O)	FY 2000 BA	Obligations Available to Date	FY 2000 Planned Budget	FY 2000 Costs to Date	Uncosted	Budget Planned to Date
DOE Obligation: Battelle PNNL (RL)	93	0	93	93	0	93	0
DOE Obligation: Ohio (SAIC)	1,229	0	1,229	1,229	176	1,053	176
DOE Obligation: Rocky Flats (SAIC Non-EIS)	11	0	11	11	0	11	0
DOE Obligation: Envirocare	89	270	359	359	92	268	92
DOE Obligation: BBWI	116	0	116	116	114	2	114
DOE Obligation: NRC Interagency Agreement	0	575	575	575	10	565	10
DOE Obligation: Cask Licensing	0	0	0	0	0	0	0
TOTAL DOE OBLIGATIONS	1,539	845	2,384	2,384	392	1,992	392
Non EX 05 Funding							
SR work Authorization	10	0	10	10	0	10	0
Pollution Prevention	6	0	6	6	0	6	0
Y2K Compliance	70	0	70	70	28	42	27
ASTD Projects: VEMP	7	1,625	1,632	1,632	863	769	783
CFO	0	300	300	300	3	297	3
Undistributed Costs	0	0	0	0	243	0	0
Non EX05 Funding Total	93	1,925	2,018	2,018	1,137	1,124	813
DOE Expense							
NV & Non Int (10)	3	0	3	3	0	3	0
BBWI	116	(116)	(0)	(0)	0	(0)	(0)
Army COE	6	0	6	6	0	6	0
NV & Non Int (20)	0	0	12	12	7	0	7
NV & Non Int (30)	0	0	0	0	35	6	35
NV & Non Int (30)	0	0	0	0	10	10	10
NV & Non Int (40)	18	0	18	18	16	2	16
Env Careers	34	0	34	34	34	0	34
DOE Expense Total	177	(116)	74	73	103	27	102

West Valley Demonstration Project
 Monthly Earned Value Summary at EX05 PBS Level
 Funding by Approp/Ops Office/B&R Code/Contractor
 Fiscal Year 2000

Reporting Period:
 May 2000

PBS #	Description	Current Period					Total BA	Cumulative to Date				
		BCWS	BCWP	ACWP	Schedule Variance	Cost Variance		BCWS	BCWP	ACWP	Schedule Variance	Cost Variance
OHVV01 - HLW Vit & High Activ Proc EX05H5010		3,129	3,446	3,074	317	372	38,899	25,890	24,091	25,116	(1,799)	(1,025)
OHVV02 - Site Trans, Decm, & Prj Comp EX05H5020		3,851	3,510	3,138	(341)	372	40,240	28,020	26,468	25,204	(1,552)	1,264
OHVV03 - Spent Nuclear Fuel EX05H5030		568	862	1,283	294	(421)	9,060	5,798	4,997	5,232	(801)	(235)
OHVV04 - Project Mgmt/Site Support EX05H5040		2,843	2,844	2,779	1	65	34,324	22,054	21,025	20,468	(1,029)	557
Total DOE by PBS		10,391	10,662	10,274	271	388	122,522	81,762	76,581	76,020	(5,181)	561

Milestones Report By PBS

Ohio Office - West Valley Demonstration Project

Data extracted from IPABS - Approved Dataset May 24, 2000- Planning Module Milestone Report

DOE AE Level 0	DOE PSO Level 1	DOE WVDP Level 2	Milestone Field Code	IPABS #	Milestone Field Name	Milestone Type	Planning Module	Target Case	Actual Date
			OH-WV-01 / OH-WV-01 (LT): HLW Vitrification and Tank Heel High Activity Waste Processing						
	✓		PBS-OH-WV-01-2000A	23596	Vitrify 200,000 curies of Cs-137 and Sr-90 from High-Level Waste Tank 8D-2	MC, Bud	9/30/00	9/30/00	-
	✓		PBS-OH-WV-01-2000B	23597	Place 246 high-level waste canisters into interim storage	MC, Bud	9/30/00	9/30/00	-
✓		✓	PBS-OH-WV-01-2000C	23604	Determine High-Level Waste Tank 8D-2 radionuclide inventory	Bud	9/30/00	9/30/00	-
			Previously PBSOH-WV-01 #1283	23950	Complete HLW Tank Heel / Residuals Vitrification Processing	CCP, DP, Bud	9/30/01	9/30/01	-
		✓	Previously OH-WV-01	23952	Complete Vitrification Processing Operations Shut-down	Bud	9/30/02	9/30/02	-
			OH-WV-02 / OH-WV-02 (LT): Site Transition, Decommissioning, & Project Completion						
	✓		PBS-OH-WV-02-2000A	23606	Ship 850 cubic meters of low-level waste off-site for disposal	MC, Bud	9/30/00	9/30/00	-
	✓		PBS-OH-WV-02-2000B	23607	Complete preliminary design for the Remote Handled Waste Facility	MC, Bud	9/30/00	9/30/00	-
	✓		PBS-OH-WV-02-2000C	23608	Size reduce five to eight pieces of Vitrification Expended Material	Bud, MC	6/30/00	6/30/00	3/27/00
	✓		PBS-OH-WV-02-2000D	23609	Arrive at a Preferred Alternative for Project Completion / Site Closure	MC, Bud	4/30/00	4/30/00	-
		✓	OH-WV-02LT-2001B	24050	Begin Mobilization for Construction of the Remote Handled Waste Facility	Bud	6/1/01	6/1/01	-
		✓	OH-WV-02LT-2001A	24045	Ship 425 cubic meters (15,000 Cubic Feet) of Class A LLW Off-site for Disposal	Bud	9/30/01	9/30/01	-
		✓	OH-WV-02LT-2002B	35145	Remote Handled Waste Facility: Begin Installation of Cranes and Manipulator Systems	Bud	4/1/02	9/30/02	-
✓			Previously OH-WV-02 #3746	24029	DOE HQ Identify Receiver Site for WVDP TRU Waste	CCP, DP, IS	9/30/03	9/30/03	-
		✓	Previously OH-WV-02 #3737	24014	Complete Equipment Upgrades for Head End Cell Debris Removal	PC	9/30/04	9/30/06	-
		✓	Previously OH-WV-02 #3742	24025	Complete Design / Construction of the Remote Handled Waste Facility	PC	9/30/04	9/30/05	-

Milestone Type Key

Bud - Budget ; IS - Intersite Dependency; CCP - Critical Closure Path; ME Mission Complete; DP - Decision Point; PC - Project Critical; MC - Management Commitment; EA - Enforceable Agreement; Project End

Milestones Report By PBS

Ohio Office - West Valley Demonstration Project

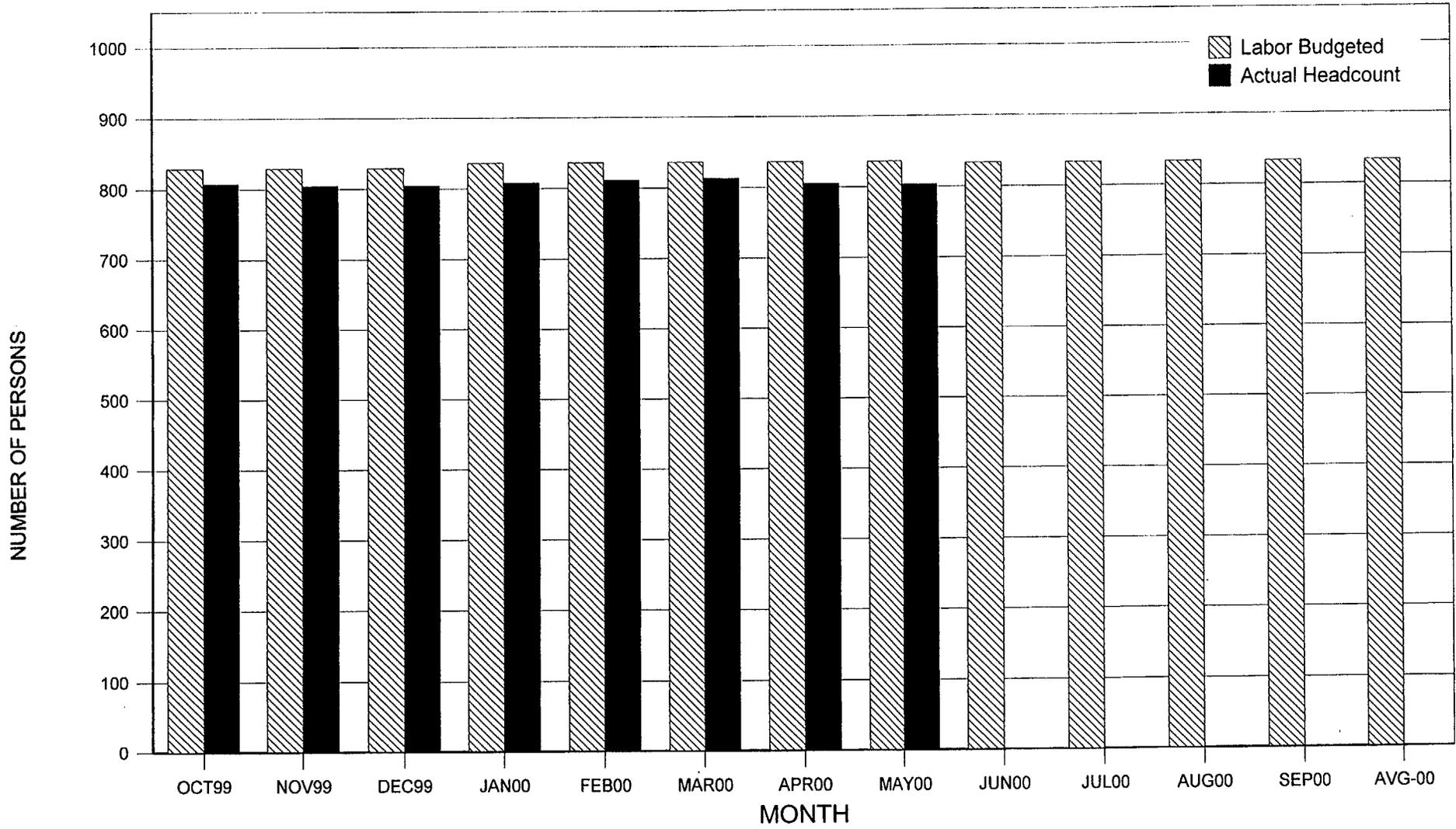
Data extracted from IPABS - Approved Dataset May 24, 2000- Planning Module Milestone Report

DOE AE Level 0	DOE PSO Level 1	DOE WVDP Level 2	Milestone Field Code	IPABS #	Milestone Field Name	Milestone Type	Planning Module	Target Case	Actual Date
		✓	OH-WV-02LT-2005B	24705	Begin Cold Operations of Remote Handled Waste Facility	PC	10/1/04	10/1/06	-
		✓	Previously OH-WV-02 #3747	24030	Complete Preparations for TRU Waste Shipments	DP, IS	9/30/05	9/30/06	-
✓			OH-WV-02LT-2005C	24706	Complete Operational Readiness for the Remote Handled Waste Facility / Obtain DOE Start-up Approval	CCP, PC, DP	9/30/05	9/30/06	-
		✓	Previously OH-WV-02 #3729	24039	Complete HLW Load-out Facility Construction	PC	9/30/06	9/30/11	-
		✓	Previously OH-WV-02 #3740	24023	Complete Process Building Decontamination Before Final Dispositioning	PC	9/30/10	9/30/17	-
		✓	Previously OH-WV-02 #3749	24032	Complete Shipment of WVDP TRU Waste to Receiver Site	IS	9/30/13	9/30/21	-
		✓	Previously OH-WV-02 #3752	24035	Complete Shipments of LLW for Off-site Disposal	IS	9/30/14	9/30/22	-
		✓	Previously OH-WV-02 #3736	24020	Complete Final Dispositioning of the Process Building / Vitrification Facility / HLW Tank Farm	PC	3/31/15	9/30/22	-
		✓	Previously OH-WV-02 #3750	24033	Complete D&D Documentation in Support of Project Completion	PC	9/30/15	9/30/23	-
			OH-WV-03 / OH-WV-03 (LT): Spent Nuclear Fuel						
		✓	PBS-OH-WV-03-2000A	23627	Submit Safety Analysis Report for Packaging (SARP) of Spent Nuclear Fuel to NRC	BUD	3/31/00	3/31/00	4/28/00
		✓	Previously OH-WV-03 #1305	23988	Complete Preparation / Approvals for Spent Nuclear Fuel Shipment to INEEL	DP, IS, Bud	3/31/01	3/31/01	-
✓			Previously OH-WV-03 #1303	23992	Begin Shipment of WV Spent Nuclear Fuel to INEEL	CCP, EA, IS	4/1/01	4/1/01	-
		✓	Previously OH-WV-03 #1306	23989	Complete Shipment of WV Spent Nuclear Fuel to INEEL	EA, IS	9/30/01	9/30/01	-
		✓	OH-WV-03LT-2002A	35113	Begin Shut-down of Fuel Receiving and Storage Facilities	Bud	10/1/01	10/1/01	-
		✓	Previously OH-WV-03 #1308	23987	PBS-OH-WV-03; Spent Nuclear Fuel Program Completed	ME, PE	9/30/05	9/30/05	-

Milestone Type Key

Bud - Budget ; IS - Intersite Dependency; CCP - Critical Closure Path; ME Mission Complete; DP - Decision Point; PC - Project Critical; MC - Management Commitment;
EA - Enforceable Agreement; Project End

FY 2000 Labor Summary 31-May-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	805	803					

Excludes 44 Casuals and Summer Students