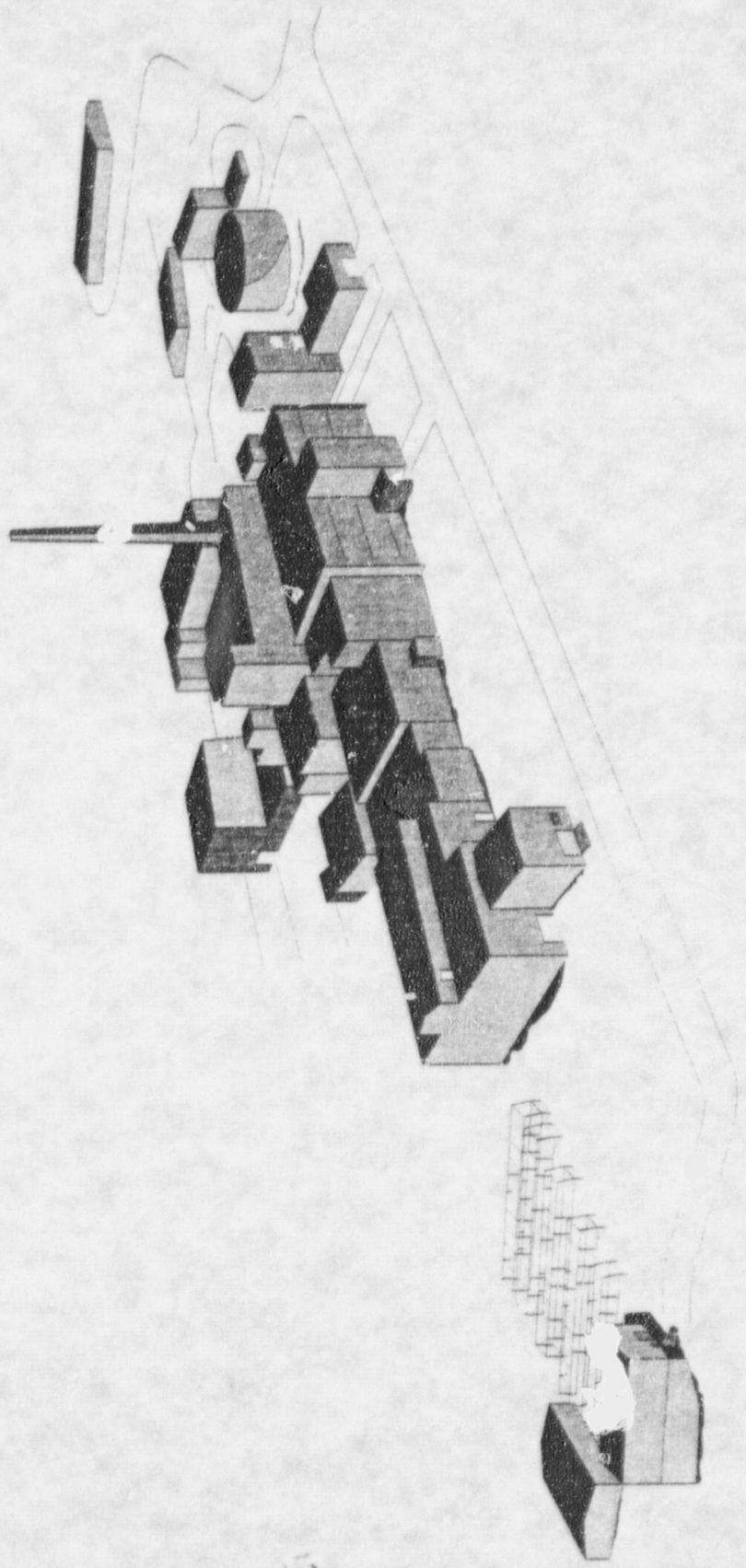
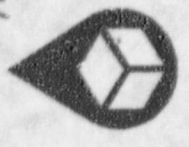


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West Valley Demonstration Project Progress Report January 1999



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West Valley Demonstration Project Progress Report January 1999

Table of Contents

	<u>Page</u>
Contract Information and Objective	1
Narrative Highlights and Assessments	
Overall Project Assessment	2
1.1 High Level Waste	4
1.2 Waste Disposition	6
1.3 Site Disposition/Footprint Reduction	8
1.4 Site Support/Administration	10
Cost Performance Report (WBC) - Format 1	13
Budget Plan (TPCE) - Format 1B	14
WVDP TPCE Reserves Status Summary - Format 3	15
Cost Performance Report - Problem Analysis (EAC) - Format 5	16
WVDP Financial Report	17
WVNS Monthly Earned Value Summary by PBS Report	19
WVDP Milestone Listing	20
FY1999 Labo. Summary (WVNS)	22

PROGRESS REPORT

Report No. 195
Reporting Period: January 1999

CONTRACT TITLE AND NUMBER:

West Valley Demonstration Project
Operating Contract
DE-AC24-81NE44139

CONTRACTOR NAME:

West Valley Nuclear Services Company, Inc.
10282 Rock Springs Road
P. O. Box 191
West Valley, New York 14171-0191

CONTRACT PERIOD:

October 1, 1994 - September 30, 2001

CONTRACT OBJECTIVE: The purpose of the West Valley Demonstration Project is to demonstrate at the Western New York Nuclear Service Center (WVNSC) the solidification and preparation of high-level radioactive waste for disposal. West Valley Nuclear Services Company, Inc. (WVNS), as DOE's management and operating contractor, will perform certain day-to-day activities at the existing WVNSC site, maintain the existing facilities to DOE standards, and will plan, design, construct, and operate decontamination and decommissioning activities, and the solidification system in accordance with DOE's directives.

Phase 1 of the Project vitrification campaign commenced in 1996 and completed in 1998. 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 and residual HLW/HAW.

A Record of Decision (ROD) is expected to be finalized in a Final Environmental Impact Statement (FEIS) in FY 2000 that will determine final disposition and closure of the site, thus fulfilling the DOE's responsibility per the WVDPA Act.

NARRATIVE HIGHLIGHTS AND ASSESSMENT

Overall Assessment

Accomplishments/Status

Melter feed was initiated from the Melter Feed Makeup Tank (MFHT) on January 11, 1999. Melter feed continued through January 18, and was secured after filling two canisters. Batch preparation in the Concentrator Feed Makeup Tank (CFMT) was completed, and melter feed resumed on January 27, 1999, filling a third canister and bringing the number of filled canisters to 233. Vibration measurements on the zeolite transfer pump and the grinder are being obtained in conjunction with the transfer for subsequent analysis. The melter is currently idle. A total of 233 canisters have been filled, and 229 completed canisters have been located in the High Level Waste Interim Storage Racks.

Preparations for a zeolite transfer were completed with baseline radprobe, transfer pump, and grinder operating data recorded at various flow rates and grinder speeds. Zeolite mobilization pumps were operated in advance of the transfer to assist with the size-reduction of the zeolite. The first zeolite transfer of FY 1999 was completed on January 22, 1999. Four of the five mobilization pumps were operated to support the zeolite removal. Based on radprobe measurements and HLW analyses, approximately 50,000 to 60,000 curies of Cesium-137 on zeolite were transferred to Tank 8D-2 after passing through the grinder that was operated at 2,400 rpm (2/3 speed).

WVNS has completed a revised layout for a new stand alone facility for the processing of remote-handled waste. The revised design has incorporated many cost saving features while maintaining most of the functional capabilities of the previous conceptual design. The revised layout is predicated on processing 11 out of the 24 identified waste streams in existing WVDP facilities. Numerous meetings with operators formed part of the data gathering process. WVNS evaluated a number of alternate strategies for processing remote handled waste and provided DOE OH/WVDP with a recommendation on the preferred approach on January 27, 1999.

Samples were shipped to Envirocare on January 11, 1999, for the miscellaneous debris waste profile. Fourteen B-25 boxes of miscellaneous debris waste have been staged and are ready for shipment to Envirocare for disposal. The shipment is tentatively scheduled for late February pending Envirocare approval of the miscellaneous debris waste profile. A total of 4,732 ft³ of LLW has been shipped for disposal during FY 1999.

On January 12, 1999, the NRC held a public briefing to the commissioners on the NRC staff's proposed draft decommissioning criteria proposed for the WVDP. DOE OH/WVDP, NYSDERDA, NYSDER, and the West Valley Citizen Task Force, all presented their views on the draft criteria to the NRC Commissioners, including Chairman Jackson. The Seneca Nation of Indians was also invited to participate, but was not in attendance.

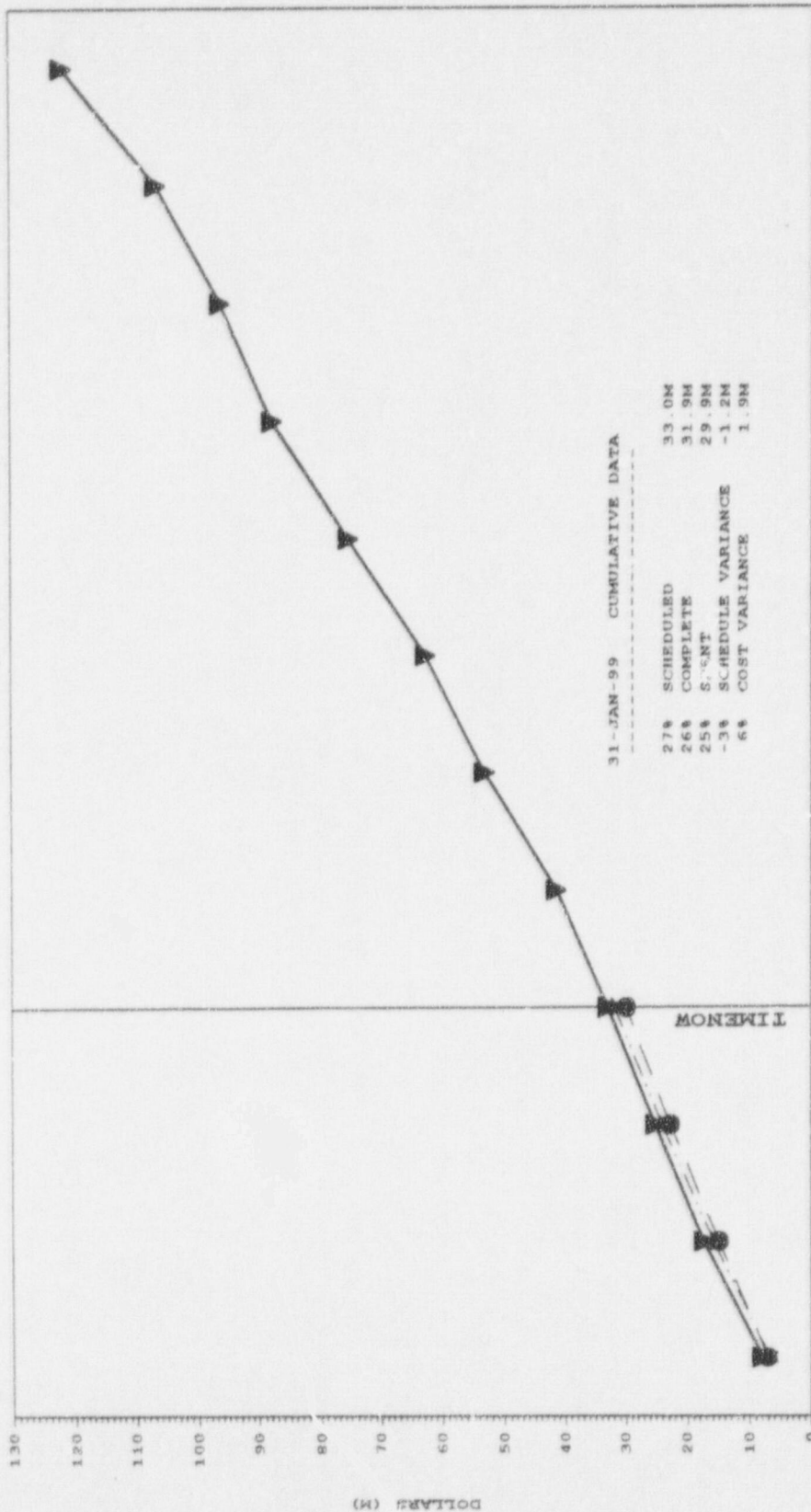
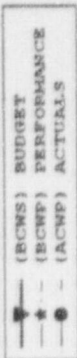
The WVDP provided the U.S. Nuclear Regulatory Commission (NRC) with general Project information to be used in a hearing on the NRC before the U.S. Senate Subcommittee on Clean Air, Wetlands, Private Property and Nuclear Safety; Committee on Environmental and Public Works. Topics included nuclear safety regulatory issues and the programs of the NRC as a follow-up to a hearing held on July 30, 1998.

Assessment/Actions

The Project had no appreciable schedule or cost variance through January.

CUM FY-99 PERFORMANCE CURVE

WBS - CUMULATIVE - LEVEL 1 - WEST VALLEY DEMONSTRATION PROJECT



OCT98 NOV98 DEC98 JAN99 FEB99 MAR99 APR99 MAY99 JUN99 JUL99 AUG99 SEP99

		PROJECT TIMESCALE - \$M											
(BCWS) BUDGET	8	17	25	33	41	53	63	75	88	96	107	122	
(BCWP) PERFORMANCE	7	16	24	32	30								
(ACWP) ACTUALS	7	15	23	30									
(SV) SCHED VAR	-1.2	-1.5	-1.1	-1.2									
(CV) COST VAR	-0.4	0.8	1.2	0.9									
(SPI) SCHED INDEX	0.85	0.91	0.96	1.07									
(CPI) COST INDEX	0.94	1.06	1.05	1.07									

NARRATIVE HIGHLIGHTS AND ASSESSMENT

1.1 High-Level Waste

Accomplishments/Status

Melter feed was initiated from the MFHT on January 11, 1999. Melter feed continued through January 18, and was secured after filling two canisters. Batch preparation in the CFMT was completed, and melter feed resumed on January 27, 1999, filling a third canister and bringing the number of filled canisters to 233. Vibration measurements on the zeolite transfer pump and the grinder are being obtained in conjunction with the transfer for subsequent analysis. The melter is currently idle. A total of 233 canisters have been filled, and 229 completed canisters have been located in the High Level Waste Interim Storage Racks.

The CFMT sample pump actuator was successfully repaired in-cell and functionally tested. The pump had been generating unacceptably low flow rates, preventing CFMT sampling operations. Troubleshooting revealed the presence of water and material (apparently corrosion products) in the air-supply tubing of the in-cell air supply jumper. The in-cell four-way air-operated valves were remotely replaced and the air-supply tubing on the jumper was cleaned at the in-cell maintenance station prior to reassembly. Subsequent pump operation proved satisfactory and sampling operations (in support of batch preparation) were reinitiated.

Preparations for a zeolite transfer were completed with baseline radprobe, transfer pump, and grinder operating data recorded at various flow rates and grinder speeds. Zeolite mobilization pumps were operated in advance of the transfer to assist with the size-reduction of the zeolite. The first zeolite transfer of FY 1999 was completed on January 22, 1999. Four of the five mobilization pumps were operated to support the zeolite removal. Based on radprobe measurements and HLW analyses, approximately 50,000 to 60,000 curies of Cesium-137 on zeolite were transferred to Tank 8D-2 after passing through the grinder that was operated at 2,400 rpm (2/3 speed).

Hot Cells Services arrived on site on January 4, 1999. They completed the removal of the cold side cover glass and the two pieces of cold side shield glass on the Process Mechanical Cell "A" window. The two pieces of shield glass have been sent back to their facility in Washington State for polishing. Set up for the removal of the window assembly and two pieces of hot side shield glass has started. Actual removal of the assembly will be in February. The cold side glass for the Process Mechanical Cell "D" window has also been removed and work is in progress to remove the two pieces of cold side shield glass.

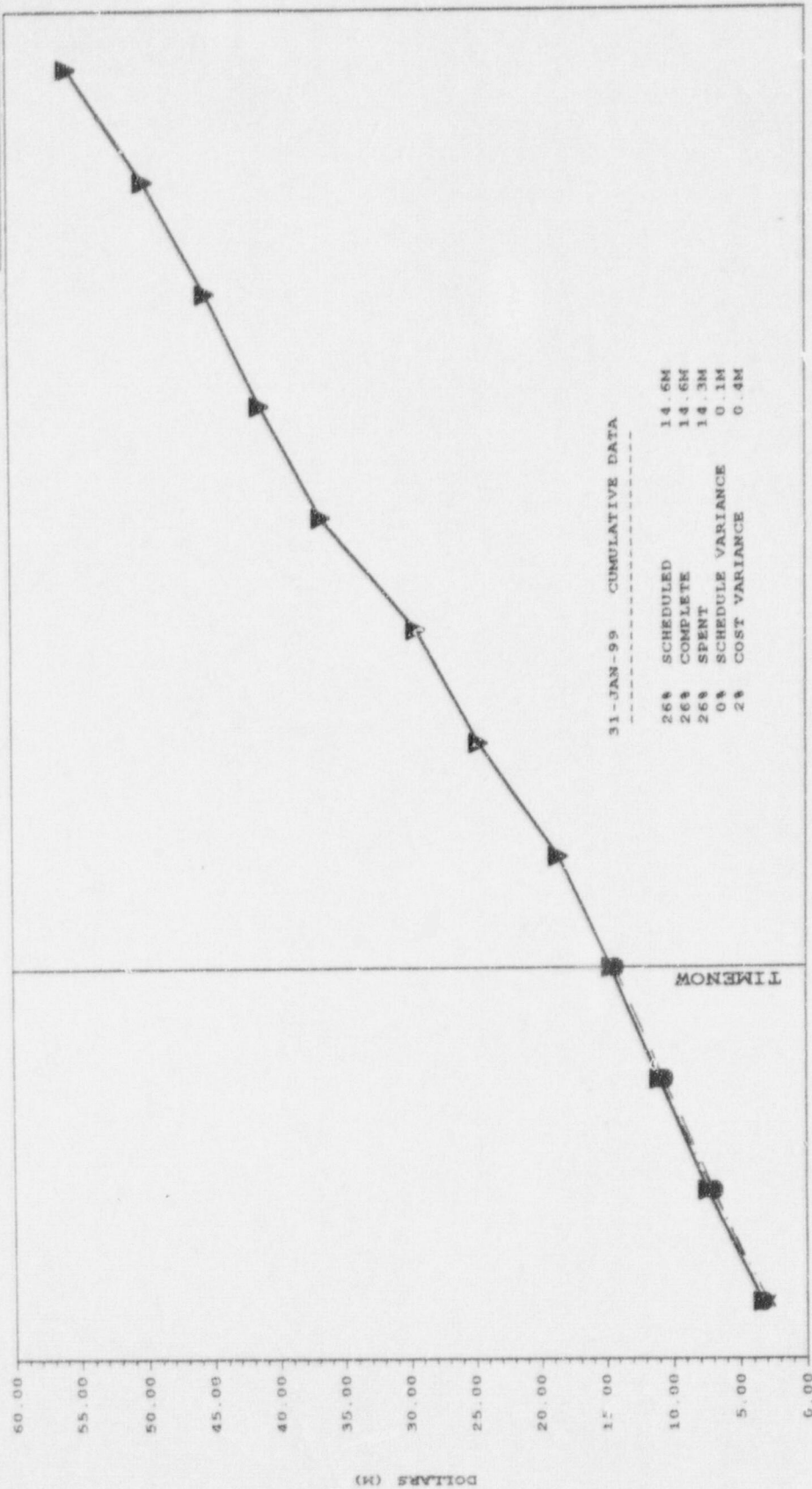
Assessment/Actions

High Level Waste incurred no appreciable schedule or cost variance through January.

CUM FY-99 PERFORMANCE CURVE

LEVEL II: 101 HIGH-LEVEL WASTE (HLW)

(BCWS) BUDGET
 (BCWP) PERFORMANCE
 (ACWP) ACTUALS



31-JAN-99 CUMULATIVE DATA

26%	SCHEDULED	14.6M
26%	COMPLETE	14.6M
26%	SPENT	14.3M
0%	SCHEDULE VARIANCE	0.1M
2%	COST VARIANCE	0.4M

PROJECT TIMESCALE - \$M

	OCT98	NOV98	DEC98	JAN99	FEB99	MAR99	APR99	MAY99	JUN99	JUL99	AUG99	SEP99
(BCWS) BUDGET	3.33	7.39	10.94	14.58	18.54	24.59	29.35	36.55	41.21	45.23	49.82	55.36
(BCWP) PERFORMANCE	2.95	7.10	10.93	14.63								
(ACWP) ACTUALS	3.31	6.96	10.66	14.27								
(SV) SCHED VAR	-0.4	-0.3	-0.0	0.1								
(CV) COST VAR	-0.4	0.1	0.3	0.4								
(SPI)	0.89	0.96	1.00	1.00								
(CPI)	0.89	1.02	1.03	1.03								

NARRATIVE HIGHLIGHTS AND ASSESSMENT

1.2 Waste Disposition

Accomplishments/Status

WVNS has completed a revised layout for a new stand alone facility for the processing of remote-handled waste. The revised design has incorporated many cost saving features while maintaining most of the functional capabilities of the previous conceptual design. The revised layout is predicated on processing 11 out of the 24 identified waste streams in existing WVDP facilities. Numerous meetings with operators formed part of the data gathering process. WVNS evaluated a number of alternate strategies for processing remote handled waste and provided DOE OH/WVDP with a recommendation on the preferred approach on January 27, 1999.

Samples were shipped to Envirocare on January 11, 1999, for the miscellaneous debris waste profile. Fourteen B-25 boxes of miscellaneous debris waste have been staged and are ready for shipment to Envirocare for disposal. The shipment is tentatively scheduled for late February pending Envirocare approval of the miscellaneous debris waste profile. A total of 4,732 ft³ of LLW has been shipped for disposal during FY 1999.

The hazardous waste inventory at the end of January was 570 kilograms (kg), the industrial waste inventory was 3,732kg, and recyclable materials inventory totaled 1,699kg.

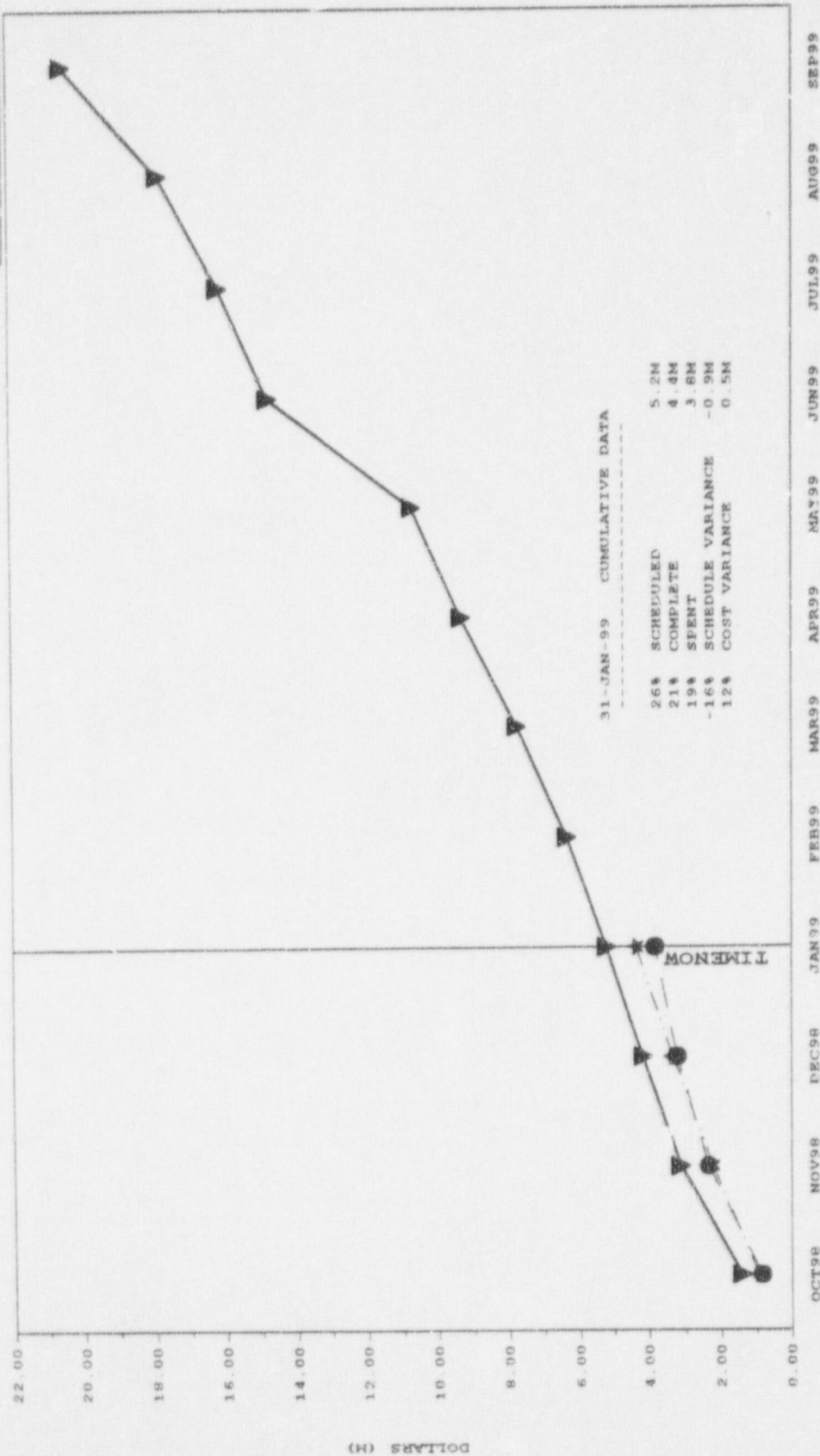
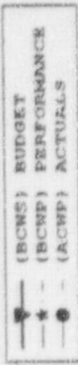
Assessment/Actions

There was a negative schedule variance in WBS 1.2 in January increasing the cumulative schedule variance to about \$852 thousand. This primarily reflects some schedule delay in spent fuel shipping preparation work which is on hold pending resolution of rail line issues, as well as less than planned offsite lab analyses, waste container procurement, soil consolidation, and waste storage facilities maintenance requirements. Schedule recovery plans are in progress.

A cumulative cost variance of positive \$536 thousand was incurred through January, primarily due to less than planned labor expended to date.

CUM FY-99 PERFORMANCE CURVE

LEVEL II: 102 WASTE DISPOSITION



PROJECT TIMESCALE - \$M											
(BCWS) BUDGET	1.42	3.12	4.16	5.22	6.35	7.15	9.30	10.71	14.75	16.12	17.78
(BCWP) PERFORMANCE	0.93	2.25	3.34	4.36	5.22	6.35	7.15	9.30	10.71	14.75	16.12
(ACWP) ACTUALS	0.86	2.36	3.22	3.83	4.36	5.22	6.35	7.15	9.30	10.71	14.75
(SV) SCHED VAR	-0.5	-0.9	-0.8	-0.9	-0.9	-0.9	-0.9	-0.9	-0.9	-0.9	-0.9
(CV) COST VAR	0.1	-0.1	0.1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
(SPI)	0.66	0.72	0.80	0.84	0.84	0.84	0.84	0.84	0.84	0.84	0.84
(CPI)	1.09	0.96	1.04	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14

NARRATIVE HIGHLIGHTS AND ASSESSMENT

1.3 Site Disposition/Footprint Reduction

Accomplishments/Status

The current areas of focus for the Project Completion Environmental Impact Statement include: 1) landscape evolution(erosion) modeling being performed by Science Application International Corporation (SAIC); 2) engineering enhancements for Waste Management Area (WMA) 1 (the process building) and WMA 3 (the high-level waste tanks/vitrification facility); and 3) preferred alternative discussions between DOE and NYSEERDA. DOE/NYSERDA received revised cost information to support preferred alternative discussions, which is currently under review. In addition, results of the landscape evolution (erosion) modeling will be presented to the NRC in March, 1999.

The acid flush of the decommissioned Low-Level Waste Treatment Facility (LLWTF) process piping was completed. The work order to transfer the flush solution to the old interceptor is in progress and expected to be completed in February. A turnover of the LLWTF from MPO to D&D Operations is being prepared and is planned to be executed after draining of the process lines has been completed.

Entry to the Scrap Removal Room (SRR) was completed successfully, including radiological survey of the area, inspection and measurement of a tank and its contents, and probing the contents to aid in plans for sampling. Tank sampling is scheduled to take place in February.

On January 12, 1999, the NRC held a public briefing to the commissioners on the NRC staff's proposed draft decommissioning criteria proposed for the WVDP. DOE OH/WVDP, NYSEERDA, NYSDEC, and the West Valley Citizen Task Force, all presented their views on the draft criteria to the NRC Commissioners, including Chairman Jackson. The Seneca Nation of Indians was also invited to participate, but was not in attendance.

Assessment/Actions

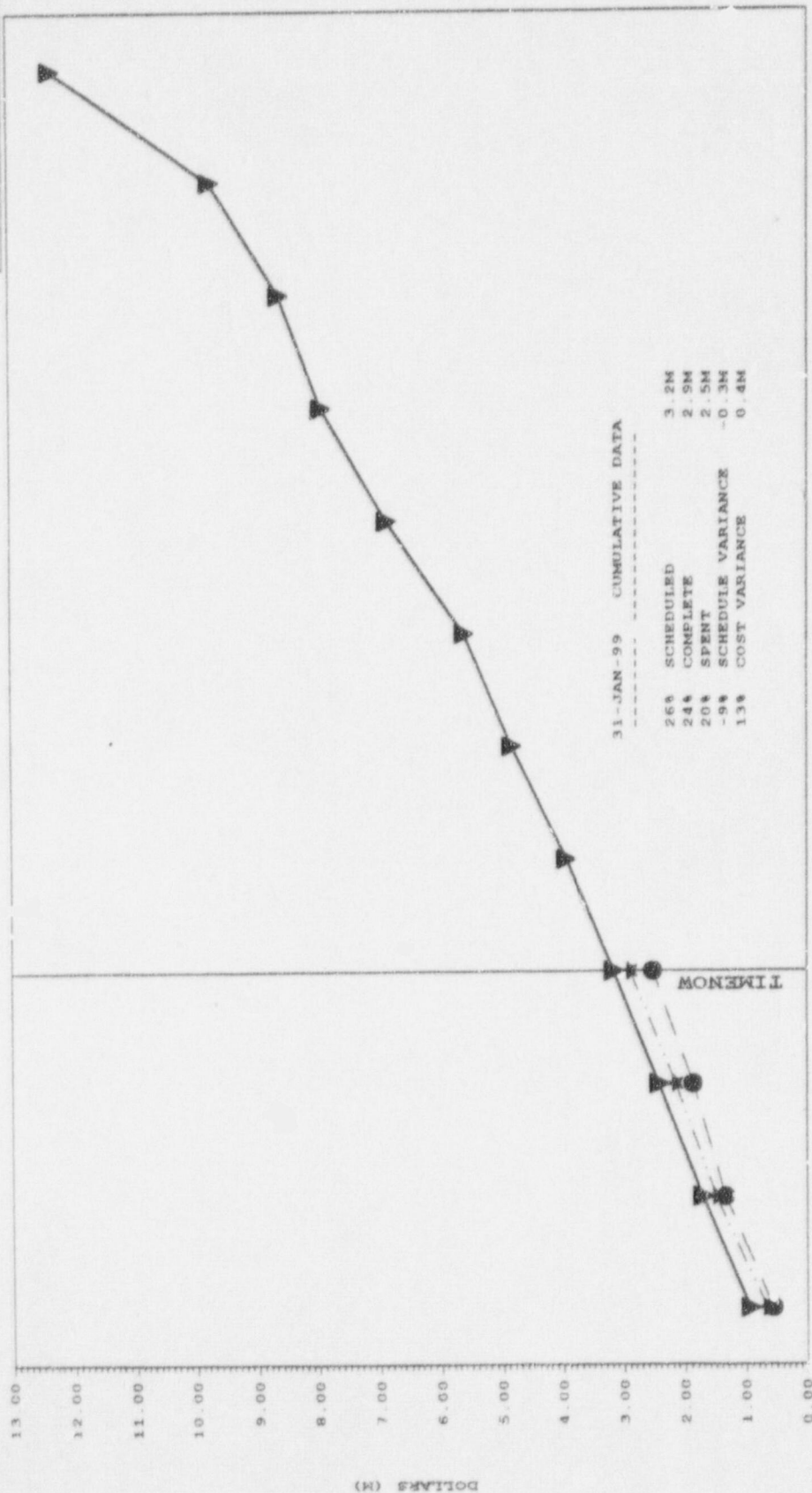
The negative schedule variance increased by \$4 thousand in January, resulting in a cumulative schedule variance of negative \$270 thousand. This was due to delays in analysis of Low Level Waste Treatment Facility samples and miscellaneous decommissioning activities.

A cumulative cost variance of positive \$376 thousand was incurred through January, primarily due to less than planned labor expended to date.

CUM FY-99 PERFORMANCE CURVE

LEVEL II: 103 SITE DISPOSITION/FOOTPRINT REDUCTION

(BCWS) BUDGET
 (BCWP) PERFORMANCE
 (ACWP) ACTUALS



OCT98 NOV98 DEC98 JAN99 FEB99 MAR99 APR99 MAY99 JUN99 JUL99 AUG99 SEP99

		PROJECT TIMESCALE - \$M											
(BCWS) BUDGET	0.94	1.72	2.42	3.16	3.94	4.84	5.59	6.86	7.93	8.62	9.73	12.30	
(BCWP) PERFORMANCE	0.66	1.50	2.16	2.89	3.52	4.25	4.98	5.71	6.44	7.17	7.90	8.63	
(ACWP) ACTUALS	0.56	1.35	1.98	2.52	3.06	3.60	4.14	4.68	5.22	5.76	6.30	6.84	
(SV) SCHED VAR	-0.3	-0.2	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	
(CV) COST VAR	0.1	0.2	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	
(SPI)	0.71	0.87	0.89	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	
(CPI)	1.17	1.11	1.15	1.15	1.15	1.15	1.15	1.15	1.15	1.15	1.15	1.15	

NARRATIVE HIGHLIGHTS AND ASSESSMENT

1.4 Site Support/Administration

Accomplishments/Status

The WVDP provided the U.S. Nuclear Regulatory Commission (NRC) with general Project information to be used in a hearing on the NRC before the U.S. Senate Subcommittee on Clean Air, Wetlands, Private Property and Nuclear Safety; Committee on Environmental and Public Works. Topics included nuclear safety regulatory issues and the programs of the NRC as a follow-up to a hearing held on July 30, 1998.

Revision of the Emergency Public Information (EPI) Plan was completed as part of corrective actions associated with the TRIEX emergency exercise that was held in June, 1998. This revision included assigning new members to the EPI organization and minor changes to EPI personnel responsibilities. Media training for EPI Spokespersons will be held in February. Additional hands-on training will be held to demonstrate how information should flow within the EPI organization.

There were zero reportable nasal, internal, clothing, or skin contamination events in January. One OSHA-recordable incident occurred during January, making the WVDP's year-to-date Total Recordable Case Rate (TRC) 1.16.

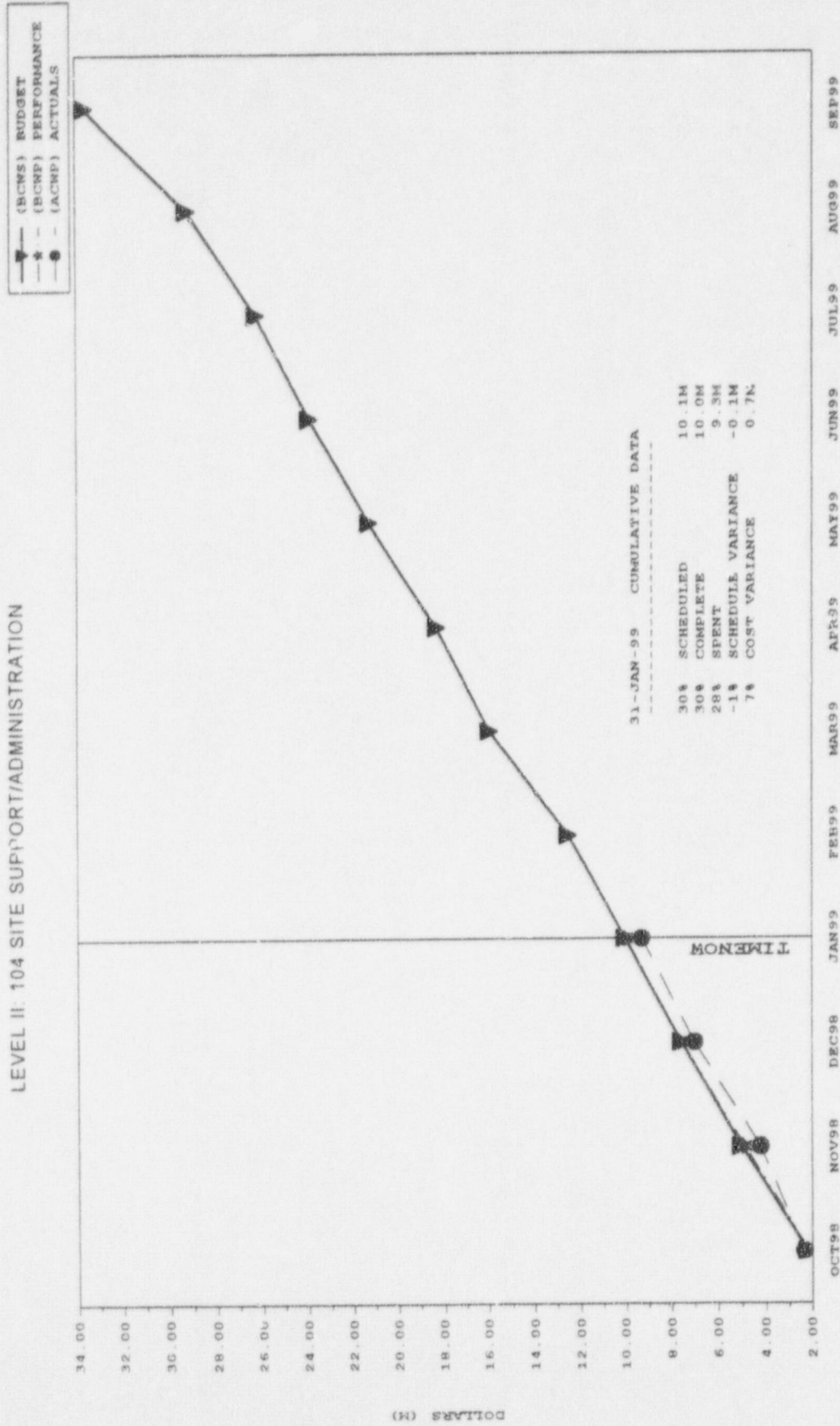
Assessment/Actions

Site Support/Administration incurred no appreciable schedule variance through January.

The cost variance increased by \$128 thousand, resulting in a cumulative cost variance of positive \$673 thousand. This was due to credits issued by CBS Corporation for previously paid franchise taxes, less than anticipated costs to date for various data processing support services, as well as less than planned costs to date for offsite laboratory analyses and supplies in support of environmental monitoring.

CUM FY-99 PERFORMANCE CURVE

LEVEL II: 104 SITE SUPPORT/ADMINISTRATION



PROJECT TIMESCALE - \$M											
(BCWS) BUDGET	2.22	5.04	7.60	10.06	12.54	15.97	18.35	21.31	23.97	26.26	29.23
(BCWP) PERFORMANCE	2.16	4.90	7.57	9.95							
(ACWP) ACTUALS	2.36	4.24	7.03	9.31							
(SV) SCHED VAR	-0.1	-0.1	-0.0	-0.1							
(CV) COST VAR	-0.2	0.7	0.5	0.7							
(SPI)	0.97	0.97	1.00	0.99							
(CPI)	0.92	1.16	1.08	1.07							

Project personnel as of January 31, 1999:

WVNS On Board¹
 Contract Guard
 Dames and Moore²

Mgt	Prof	NE	Hourly	Total
105	339	196	176	816
0	0	0	25	25
8	32	0	0	40
113	371	196	201	881

Project Total:

EEO Statistics:

Minority (Included in WVNS Total)
 Female (Included in WVNS Total)

Mgt	Prof	NE	Hourly	Total
12	43	12	16	83
17	68	121	24	230

¹ On Board total excludes 9 casuals.

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

WVNS submitted a letter to the New York State Department of Taxation and Finance requesting that the Tax Department calculate the amount of tax the Department considers to be due with respect to the sales tax audit after applying the estoppel, research and development, and other exemptions upheld by the Tax Appeals Tribunal. To facilitate this effort, WVNS attached to this letter, documents detailing our interpretation of the decision from the Tax Appeals Tribunal. WVNS estimates the actual tax due (without interest) to be \$358,287.67. Also, WVNS received DOE approval to proceed with an appeal of the sale for resale issue through the Appellate Division of the State of New York. An appeal of this decision must be instituted within four months from the date of the notice of decision (November 13, 1998). In order to appeal, WVNS must submit a bond or deposit the amount contested with the Tax Commissioner.

COST PERFORMANCE REPORT - WORK BREAKDOWN STRUCTURE

December FY - 1999

Format 1 Progress Report

WBS ITEM	QUARTERLY DATA						PROJECT CUM-TO-DATE				PROJECT	
	BCWS Sched	BCWP Complete	ACWP Spent	SV Sched	CV Cost		BCWS Sched	BCWP Complete	ACWP Spent	SV Sched	CV Cost	BAC
101 High-Level Waste	10,948	10,926	10,656	(22)	270		67,060	66,289	65,467	(771)	822	226,470
102 Waste Disposition	4,162	3,342	3,225	(820)	117		19,728	18,400	17,065	(1,328)	1,335	268,631
103 Site Disposition & Footprint Reduction	2,422	2,156	1,876	(266)	280		16,061	15,464	14,865	(597)	599	271,944
104 Site Support & Administration	7,600	7,575	7,030	(25)	545		41,402	41,173	41,209	(229)	(36)	267,810
Prior	0	0	0	0	0		1,193,633	1,193,633	1,193,633	0	0	1,193,633
Escalation	0	0	0	0	0		0	0	0	0	0	137,648
PMB	25,132	23,999	22,787	(1,133)	1,212		1,337,033	1,334,959	1,332,239	(2,925)	2,720	2,365,936
WVNS MR	0	0	0	0	0		0	0	0	0	0	36,391
CBB	25,132	23,999	22,787	(1,133)	1,212		1,337,883	1,334,959	1,332,239	(2,925)	2,720	2,402,327
SDA for EIS	0	0	0	0	0		490	490	490	0	0	491
TOTAL	25,132	23,999	22,787	(1,133)	1,212		1,338,373	1,335,449	1,332,729	(2,925)	2,720	2,402,818
Deobligations	0	0	0	0	0		64,264	64,264	64,264	0	0	68,907
Fee/Expense/Credit	837	837	837	0	0		144,074	144,074	144,074	0	0	255,172
DOE MR	0	0	0	0	0		0	0	0	0	0	38,430
Non-Project	(122)	(83)	(74)	39	(9)		(16,304)	(16,069)	(16,031)	235	(38)	(36,360)
Relocation	0	0	0	0	0		1,179	1,179	1,179	0	0	1,179
TOTAL TPCE (YOE)	25,847	24,753	23,550	(1,094)	1,203		1,531,586	1,528,897	1,526,215	(2,690)	2,682	2,729,655

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)

Format 1B	Prior	FY 99	FY 00	FY 01	FY 02	FY 03	FY 04	FY 05	FY 06	January FY - 1999 Total
101 High-Level Waste	54,811	55,357	48,632	43,171	24,443	0	0	0	0	226,414
102 Waste Disposition	13,840	20,443	21,833	25,216	31,736	41,116	38,857	38,046	37,548	268,635
103 Site Disposition/Footprint Reduction	12,388	12,297	13,942	22,007	29,829	43,500	45,289	46,034	46,034	271,920
104 Site Support/Administration	34,179	33,616	32,019	27,290	27,928	28,123	28,143	28,195	28,195	267,688
Prior - Other WBS	1,193,633	0	0	0	0	0	0	0	0	1,193,633
Escalation	0	0	7,476	11,371	15,197	19,475	23,642	28,017	32,471	137,648
PMB Line	1,302,451	121,713	123,902	129,055	129,133	132,214	135,931	140,292	144,248	2,365,938
WVNS Mgmt. Reserve	0	1,388	5,000	5,000	5,000	5,000	5,000	5,000	5,000	36,388
Contract Budget Base	1,309,451	123,101	128,902	134,055	134,133	137,214	140,931	145,292	149,248	2,402,326
Deobs to Other Sites	63,886	5,021	0	0	0	0	0	0	0	68,907
Fee/Expense/Credit	139,446	11,496	14,890	14,890	14,890	14,890	14,890	14,890	14,890	255,172
Fuel -CAPR	(17,644)	(2,954)	(4,646)	(5,908)	(2,160)	(963)	(512)	(498)	0	(35,285)
Fuel - Fee/Other	(79)	(996)	0	0	0	0	0	0	0	(1,075)
DOE Mgmt. Reserve	0	3,430	5,000	5,000	5,000	5,000	5,000	5,000	5,000	38,430
Relocation	1,179	0	0	0	0	0	0	0	0	1,179
TOTAL TPCE (YOE)	1,496,239	139,098	144,146	148,037	151,863	156,141	160,309	164,684	169,138	2,729,654
Project Funding Sources										
Dept. of Energy YOE	1,342,772	107,300	129,732	133,234	136,678	140,528	144,279	148,215	152,225	2,434,963
Dept. of Energy C/O	17,305	0	0	0	0	0	0	0	0	17,305
N.Y. State Funding	117,102	10,681	13,033	13,400	13,761	14,164	14,558	14,970	15,390	227,059
Supplemental NYS (17% EIS)	4,259	648	0	0	0	0	0	0	0	4,907
Uncosted NYS Funding	1,923	0	0	0	0	0	0	0	0	1,923
NYS Credit/Serv	32,106	1,241	1,381	1,403	1,424	1,449	1,472	1,499	1,523	43,498
TOTAL PROJECT (YOE)	1,515,467	119,870	144,146	148,037	151,863	156,141	160,309	164,684	169,138	2,729,655

Notes:

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

107200 - WVNS MR BEGINNING BALANCE

1999004 - PURCHASE JUMPERS TO MOVE WASTE FROM 7D-2 TO VIT
1999007 - CSPE PROTECTIVE TENT LOCATED IN LSA 4
199915 - RETURN \$16K DISPOSAL OF FLOURESCENT LIGHT BULB
199921 - D&M CONTRACT RECONCILIATION

[illegible]

407600 - DOE MR BEGINNING BALANCE

NO OCTOBER CHANGES
1999002 - DEVELOPMENT OF REMOTE TOOL DELIVERY SYSTEM BY FETC
1999002 - DEVELOPMENT OF REMOTE TOOL DELIVERY SYSTEM BY FETC
1999009 - TPP TASKS #3, #5 AND #6 TO BE EXECUTED BY PNHL
1999009 - TPP TASKS #3, #5 AND #6 TO BE EXECUTED BY PNHL
NO DECEMBER CHANGES
NO JANUARY CHANGES

[illegible]

BALANCES AS OF JANUARY 31, 1999

COST PERFORMANCE REPORT - PROBLEM ANALYSIS - ESTIMATE AT COMPLETE

Format 5

CONTRACTOR:	WEST VALLEY NUCLEAR SERVICES CO., INC.	CONTRACT TYPE/NUMBER	CPAF DE-AC24-81NE44139	PROJECT NAME/NUMBER	WEST VALLEY DEMONSTRATION PROJECT (WVDP)	REPORT PERIOD	JANUARY FY-1999
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LOCATION:

10282 ROCK SPRINGS ROAD
WEST VALLEY, NEW YORK 14171

DOLLARS IN THOUSANDS

WBS	JAN		JAN EAC	JAN VAC	PRIOR VAC	VAC CHANGE	EXPLANATION
	BAC						
1.1	226,414	226,414	0	0	0	0	
1.2	268,635	268,635	0	0	0	0	
1.3	271,920	271,920	0	0	0	0	
1.4	267,688	267,688	0	0	0	0	
1.6	1,193,633	1,193,633	0	0	0	0	
	2 228 290	2 228 290	0	0	0	0	

WEST VALLEY DEMONSTRATION PROJECT FINANCIAL REPORT

FISCAL YEAR 1999

Reporting Period:
January 1999

Dollars expressed in thousands.

Contract Number: DE-AC24-81NE44139

WBS Description	Prior Years Uncosted (C/O)	FY 1999 Funding to Date	Obligations Available to Date	FY 1999 Planned Budget **	FY 1999 Costs to Date *	Outstanding Commitments to Date	Budget Planned to Date
101 High Level Waste	5,689	44,527	50,216	49,625	10,074	40,142	12,197
102 Waste Disposition	1,648	12,899	14,547	14,376	3,478	11,069	4,098
103 Site Disposition/Footprint Reduction	1,189	9,310	10,499	10,376	2,307	8,192	2,452
104 Site Support/Administration	3,454	27,040	30,494	30,135	9,531	20,963	8,726
Contingencies and Reserves FEE (WH+DB)	552 1,175	4,323 9,202	4,875 10,377	4,818 10,255	0 2,287	0 0	0 2,287
SUBTOTAL DOE YA FUNDING	13,707	107,300	121,068	119,584	27,677	80,366	29,760
Other Ohio Office Obligations	87	0	87	87	(37)	124	(37)
TOTAL OHIO OFFICE	13,794 *	107,300 **	121,095	119,671	27,640	80,490	29,723
TOTAL DOE OBLIGATIONS ***	3,511	0	3,511	4,934	624	2,887	624
EX33 PROJECT OBLIGATED FUNDS	17,305	107,300	124,605	124,605	28,264	83,377	30,347
Unobligated Funds:	0	0	0	0	0	0	0
TOTAL EX33 PROJECT FUNDING FY99:	17,305	107,300	124,605	124,605	28,264	83,377	30,347
NYSERDA NE Project (SDA Share)	0	0	0	0	0	0	0
NYSERDA NE Proj. (EIS Share) + Fee	0	648	648	648	123	525	123
NYSERDA NS Project + Fee	1,923	10,681	12,604	12,604	4,380	8,224	4,380
NYSERDA Credit	0	1,241	1,241	1,241	412	829	412
NYSERDA NY Non-Project + Fee	0	0	0	0	0	0	0
TOTAL WYNS PROJECT:	19,228	119,870	139,098	139,098	33,179	92,955	35,262
Non-Project Funding:							
Fuel Shipout (WB/WD)	1,036	2,520	3,556	3,556	427	3,129	427
Non-Project Fee	115	280	395	395	38	357	38
TOTAL WVDP:	20,379	122,670	143,049	143,049	33,644	96,441	35,727

* Data reflects estimated values, January FIS Report does not include all data.

** BCWS is planned based upon \$110.1M FY98 DOE funding plus \$17.3M prior years uncosted DOE funds.

*** See next page for individual breakdown of DOE obligations.

WEST VALLEY DEMONSTRATION PROJECT FINANCIAL REPORT
FISCAL YEAR 1999
 DOE Obligations Breakout

Reporting Period:
January 1999

Dollars expressed in thousands.

Contract Number: DE-AC24-81NE44139

WBS Description	Prior Years Uncosted (C/O)	FY 1999 Funding to Date	Obligations Available to Date	FY 1999 Planned Budget	FY 1999 Costs to Date	Outstanding Commitments to Date	Budget Planned to Date
DOE Obligation: Argonne Labs	0	0	0	0	0	0	0
DOE Obligation: Battelle PNNL (RL)	553	0	553	553	451	102	451
DOE Obligation: Battelle Columbus (OH)	0	0	0	0	0	0	0
DOE Obligation: Fluor Daniel Hanford	23	0	23	23	0	23	0
DOE Obligation: Idaho (SAIC - EIS)	2	0	2	0	0	2	0
DOE Obligation: Savannah River	2,201	0	2,201	2,201	N/A	2,201	N/A
DOE Obligation: Albuquerque	0	0	0	0	0	0	0
DOE Obligation: Ohio (SAIC)	580	0	580	580	170	410	170
DOE Obligation: Idaho	45	0	45	0	3	42	3
DOE Obligation: Rocky Flats (SAIC Non-EIS)	11	0	11	0	0	11	0
DOE Obligation: Headquarters	96	0	96	1,577	0	96	0
TOTAL DOE OBLIGATIONS	3,511	0	3,511	4,934	624	2,887	624

* Data are estimated values, January FIS Report does not include all data.

** BCWS is planned based upon \$110.1M FY98 DOE funding plus \$17.3M prior years uncosted DOE funds.

West Valley Nuclear Services, Inc. - DOE Contract # NE44139
Monthly Earned Value Summary by PBS
Fiscal Year 1999

Reporting Period:
January 1999

PBS #	Description	Current Period				Cumulative to Date					
		BCWS	BCWP	ACWP	Schedule Variance	Cost Variance	BCWS	BCWP	ACWP	Schedule Variance	Cost Variance
OHVV01	- HLW Vit & High Activ Proc	3,277	3,330	2,615	53	715	13,261	13,368	10,743	107	2,625
OHVV02	- Site Trans, Decm, & Proj Com	1,833	1,787	1,398	(46)	389	8,281	7,388	6,790	(893)	598
OHVV03	- Spent Nuclear Fuel	144	172	232	28	(60)	688	496	638	(192)	(142)
OHVV04	- Project Mgmt/Site Support	2,419	2,373	2,487	(46)	(114)	9,891	9,823	10,146	(68)	(323)
Total DOE by PBS		7,673	7,662	6,732	(11)	930	32,121	31,075	28,317	(1,046)	2,758

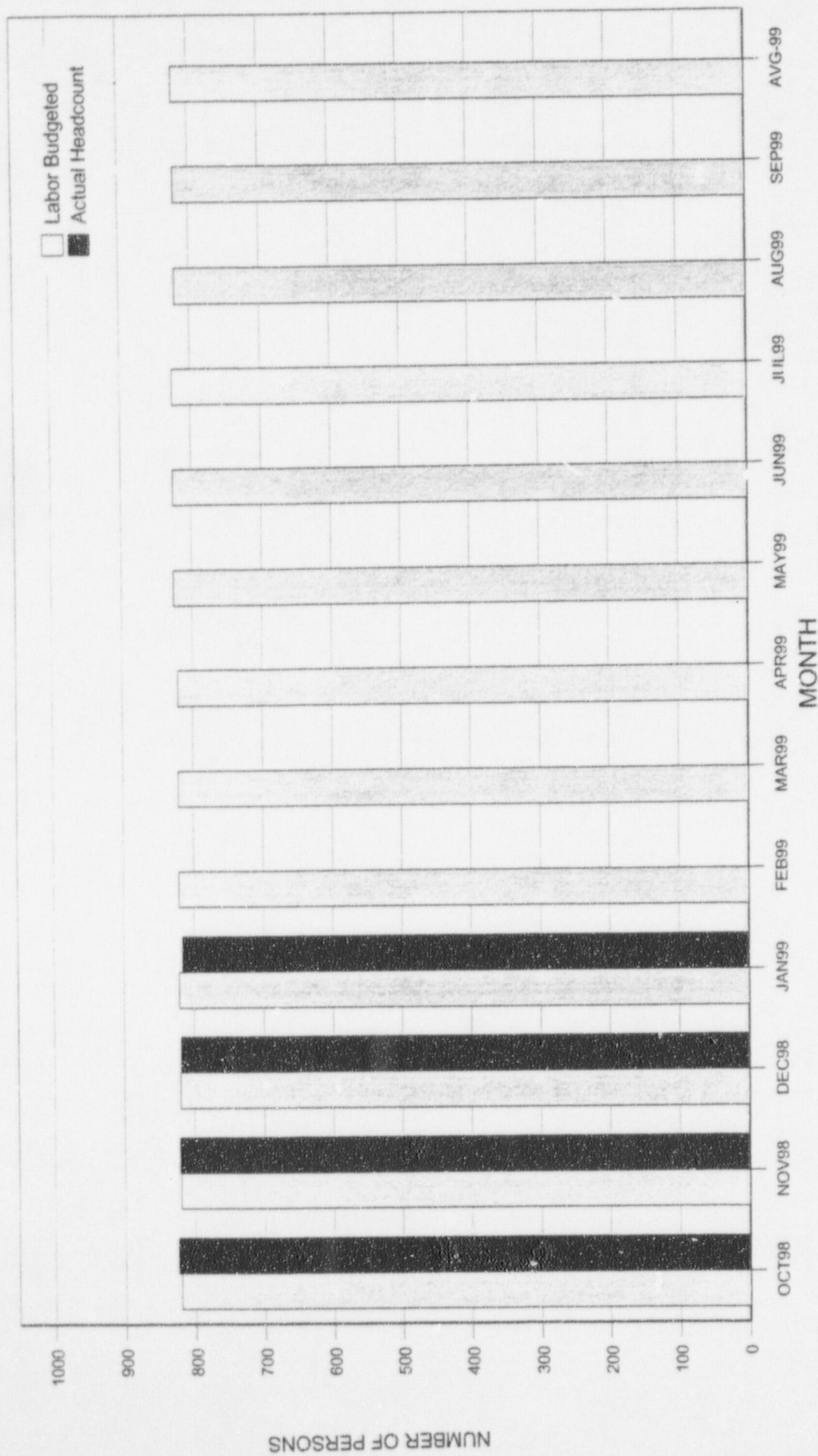
DRAFT **West Valley Demonstration Project Milestone Listing**

CONTROL LEVEL				MILESTONE DESCRIPTION	DATE	STATUS
Level 0 (AE)	Level 1 (PSO/FMO)	Level 2 (DOE-WV)	Level 3 (WV/NYS)			
#3002 103200				DOE-HQ ISSUES PROJECT COMPLETION RECORD OF DECISION - CE2.3	MAY-00	
#2015 102131				SELECT TRU RECEIVER SITE - CE2.6	JUN-00	
#2016 102131				DOE-HQ PROVIDES TRU SHIPPING CASKS, PERMITS, AGREEMENTS AND TRANSPORTATION PROGRAM FUNDS - CE2.7	JUL-00	
#0005 103120				BEGIN SITE DECOMMISSIONING PER NRC CRITERIA - CE2.10	OCT-01	
#1003 101220				BEGIN DEACTIVATION: WV TANK FARM & VIT FACILITY - CE1.3	OCT-01	
#0001				RETURN SITE OPERATIONAL RESPONSIBILITY TO NYS	SEP-06	
#0003				PROJECT MISSION COMPLETE	SEP-06	
	#3004 103200			DOE-HQ APPROVAL OF SUPPLEMENT DRAFT EIS - CE2.1	OCT-99	
	#3003 103200			DOE-HQ APPROVAL OF FINAL ENVIRONMENTAL IMPACT STATEMENT - CE2.2	APR-00	
	#0004 103120			IMPLEMENT ROD ACTIVITIES PERTAINING TO WVDP ACT	SEP-00	
	#2013 102140			BEGIN REMOVAL OF HLW CANISTERS TO INTERIM STORAGE - CE 2.8	APR-02	
	#3001 103200			NRC APPROVAL OF D&D CRITERIA/ DECOMMISSIONING PLAN - CE2.9	SEP-01	

DRAFT
West Valley Demonstration Project Milestone Listing

CONTROL LEVEL				MILESTONE DESCRIPTION	DATE	STATUS
Level 0 (AE)	Level 1 (PSO/FMO)	Level 2 (DOE-WV)	Level 3 (WVNS)			
	#1005 101220			BEGIN DISPOSITION OF VIT FACILITY/TANK FARM PER NRC CRITERIA - CE 2.12	OCT-02	
		#1002 101111		COMPLETE HLW TANK RESIDUALS VIT CAMPAIGN	SEP-01	
		#1006 101220		COMPLETE DEACTIVATION: WV TANK FARM & VIT FACILITY	SEP-02	
		#2012 102131		BEGIN TRU SHIPMENTS	OCT-03	
		#2010 102131		COMPLETE TRU SHIPMENTS - CE2.11	DEC-04	
		#2011 102140		COMPLETE REMOVAL OF HLW CANISTERS	JUN-05	
			#3901 103200	DEVELOP A PREFERRED ALTERNATIVE FOR THE SITE EIS WITH INPUT FROM NYS AND THE CTF	JUN-99	
			#1902 101111	TRANSFER 400,000 CURIES OF CESIUM-137 FROM HLW TANK 8D-1 TO TANK 8D-2	SEP-99	
			#1901 101111	TRANSFER 500,000 CURIES OF CESIUM-137 & STRONTIUM-90 FROM TANK 8D-2 TO THE VITRIFICATION FACILITY	SEP-99	
			#2901 102111	SHIP OFFSITE UP TO 25,000 CU. FT. (708 CU. METERS) OF CLASS A LLW FOR DISP	SEP-99	

FY 1999 Labor Summary 31-JAN-99 WVNS Personnel



Labor Budgeted	820	820	821	821	821	826	826	826	821	821	822
Actual Headcount	824	821	819	816							

Excludes 9 Casuals