

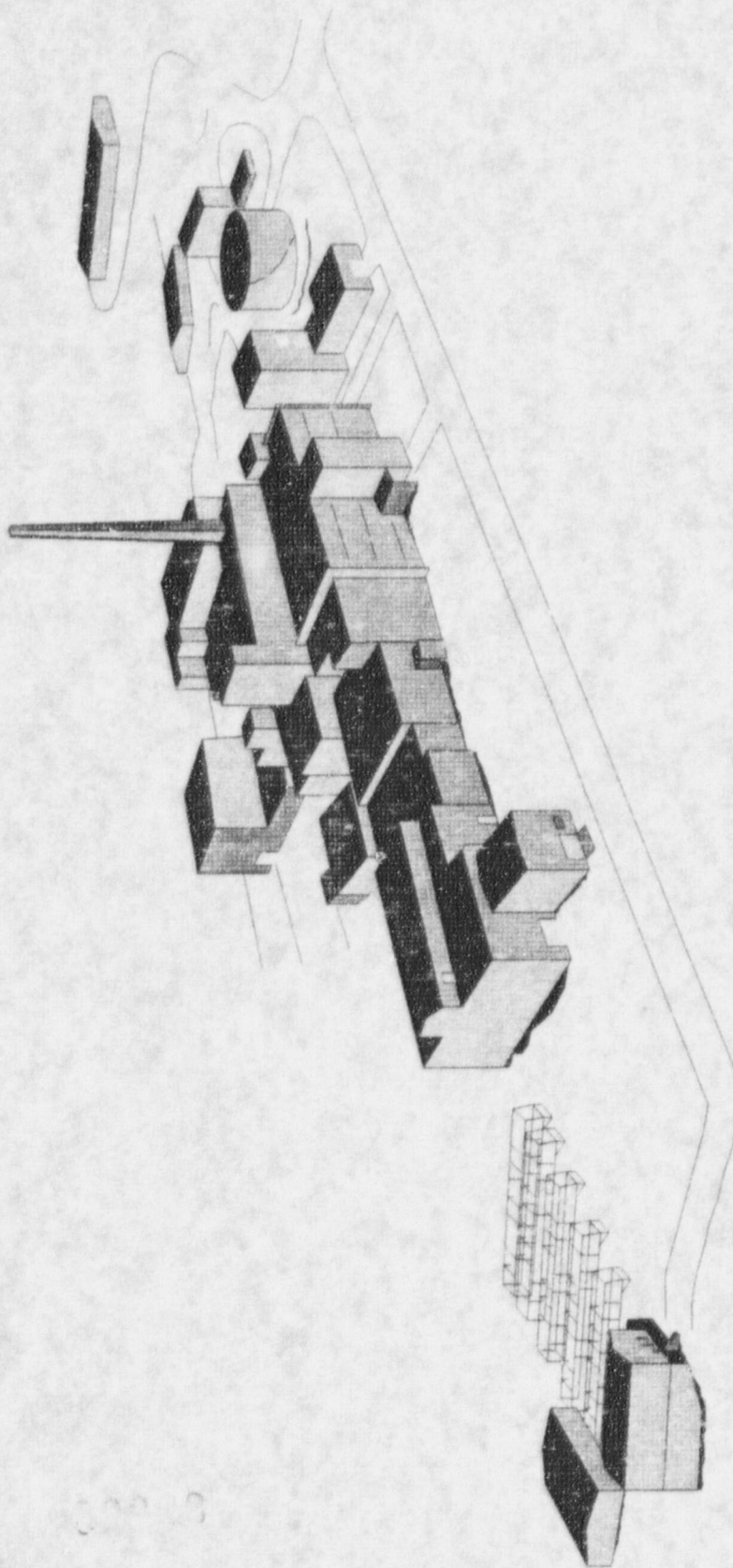
West Valley Demonstration Project

Progress Report

July 1997



M-32



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PROGRESS REPORT

Report No. 177

Reporting Period: July 1997

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, 1999

CONTRACT OBJECTIVE: The purpose of the West Valley Demonstration Project is to demonstrate at the Western New York Nuclear Service Center (WNYNSC) 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 WNYNSC 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.

NARRATIVE HIGHLIGHTS AND ASSESSMENT

Overall Assessment

Accomplishments/Status

Vitrification operations continued to progress very well in July, both in operations and maintenance activities. Glass production rates remain above normal at 13 canisters being filled during the month of July 1997. This high production rate resulted in three HLW transfers from the WTF to Vitrification containing 596,794 curies of Cesium & Strontium for the month of July, 1997. A total of 127 canisters have been filled, and 122 completed canisters have been located in the High Level Waste Interim Storage Racks. A melter system availability of greater than 78% has been achieved as of the end of July.

The Waste Form Compliance Plan (WCP) has been revised to improve the slurry feed batch preparation and acceptance methodology, per discussions with EM-32 staff, and reissued. The transmittal letter to DOE-WV has been drafted and is being reviewed. Additional proposed WCP changes have been incorporated into a subsequent draft revision, per DOE-EM request, which will be submitted in August, 1997. The revision of SOP 63-64 to implement the approved WCP modification is in progress.

On Monday, July 28, 1997, the WVDP conducted the annual site familiarization briefing for the West Valley Volunteer Hose Company and other local emergency responders. The briefing included an overview of site activities, an update on the new emergency management standard, and an optional tour of site facilities. Approximately 40 individuals, representing 6 local emergency response agencies participated in the briefing.

On July 14, 1997, the DOE West Valley Demonstration Project (DOE-WV) representatives including T. J. Rowland conducted a ceremony with the Seneca Nation of Indians (SNI) President, Michael Schindler culminating the signing of a cooperative agreement between DOE and the SNI over the next year. The agreement provides for the exchange of environmental, cultural resource, and transportation information between DOE-WV and the Seneca Nation of Indians.

On July 14, 1997, WVNS hosted the Springville Area Chamber of Commerce Board of Directors meeting. Ten area business leaders were welcomed to the WVDP by DOE-WV Director T. J. Rowland and WVNS President, R. R. Campbell prior to a site tour.

The mobile CO₂ Decontamination System has been decontaminated. Demobilization and shipment of the unit is expected to take place in September 1997.

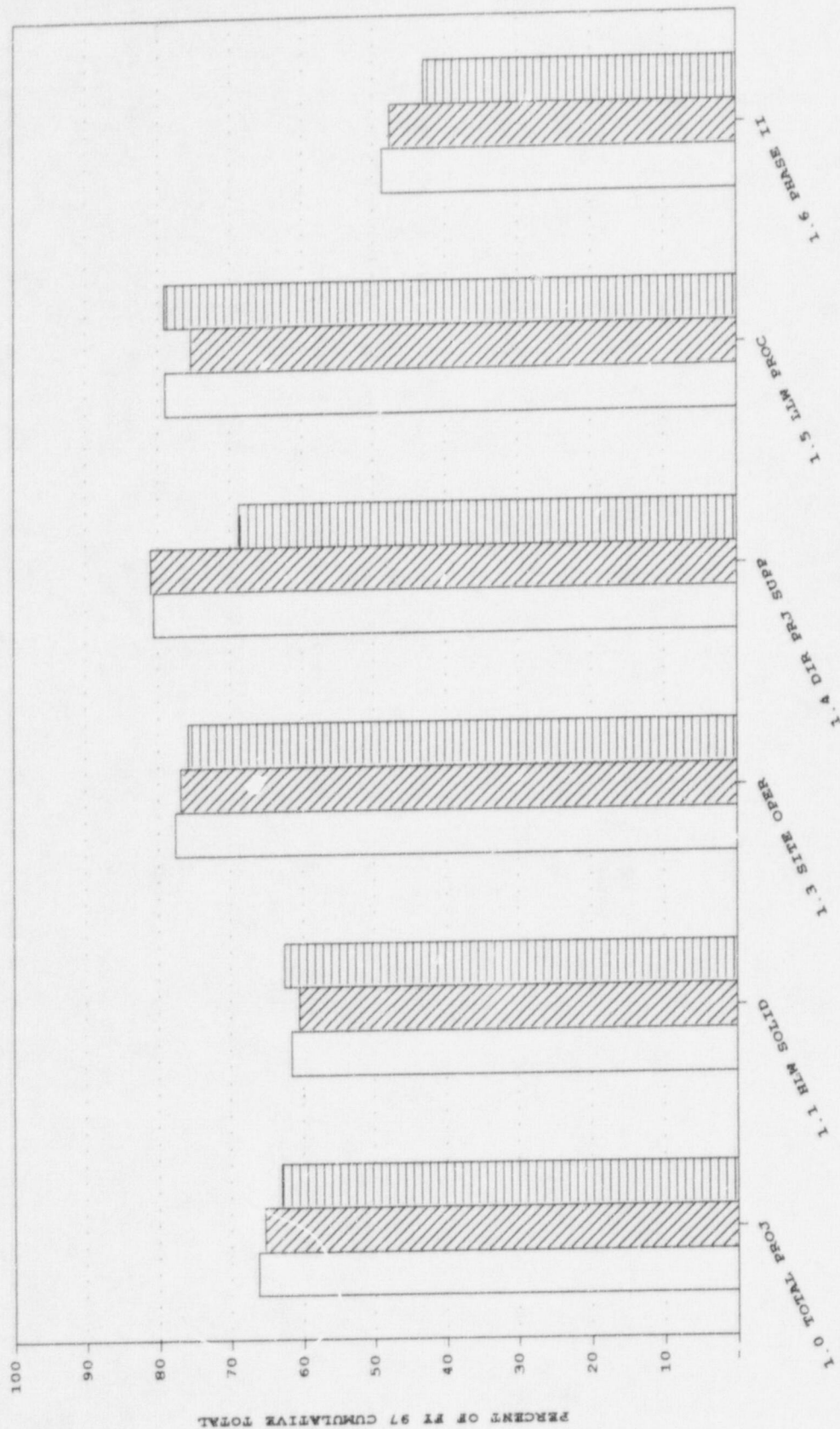
The Draft Environmental Impact Statement (DEIS) public comment period officially closed on September 22, 1996. All comments received have been made available for review in the public reading rooms. Science Application International Corporation (SAIC) is continuing the comment resolution process. In addition, they also have prepared and submitted "cost benefit" packages that compare the alternatives for each Waste Management Area (WMA). The Cost Benefit Packages for WMA 1, 2, 3, 4, 5, 7, 8, and 9 are currently under review by DOE and the New York State Energy Research and Development Authority.

Assessment/Actions

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

FY 1997 SUMMARY

WBS 1.0 31-JUL-97

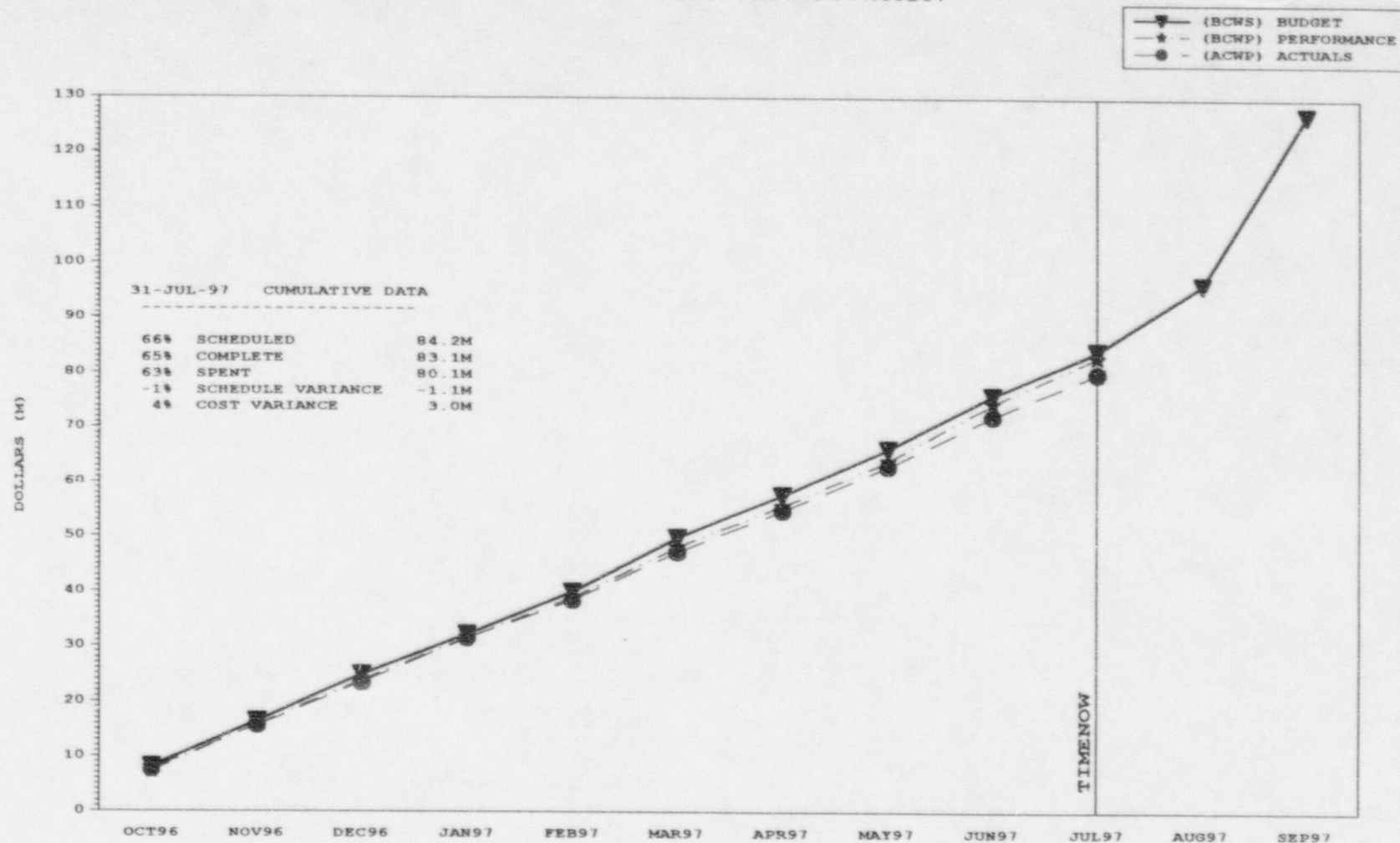


PERCENT BUDGETED	66	62	78	81	79	49
PERCENT PERFORMED	65	61	77	81	75	48
PERCENT SPENT	63	62	76	69	79	43

PERCENT BUDGETED - CUM BUDGET TO DATE/TOTAL 97 BUDGET
 PERCENT PERFORMED - CUM PERFORM TO DATE/TOTAL 97 BUDGET
 PERCENT SPENT - CUM ACTUALS TO DATE/TOTAL 97 BUDGET

CUM FY-97 PERFORMANCE CURVE

WBS - CUMULATIVE - LEVEL 1 - WEST VALLEY DEMONSTRATION PROJECT



PROJECT TIMESCALE - \$M												
(BCWS) BUDGET	8	17	25	32	40	50	58	66	76	84	96	127
(BCWP) PERFORMANCE	7	16	24	32	39	48	56	64	74	83		
(ACWP) ACTUALS	8	16	23	32	38	47	55	63	72	80		
(SV) SCHED VAR	-0.7	-0.7	-0.9	-0.6	-1.2	-1.7	-2.0	-2.3	-1.5	-1.1		
(CV) COST VAR	-0.3	0.1	0.5	0.1	0.4	0.9	0.8	1.0	2.4	3.0		
(SPI) SCHED INDEX	0.91	0.96	0.96	0.98	0.97	0.97	0.97	0.97	0.98	0.99		
(CPI) COST INDEX	0.96	1.01	1.02	1.00	1.01	1.02	1.02	1.02	1.03	1.04		

NARRATIVE HIGHLIGHTS AND ASSESSMENT**1.1 High-Level Waste Solidification****Accomplishments/Status**

	# of Transfers	# of Curies (Cesium & Strontium)	Canisters Produced	# Transferred to HLWIS
Total for July	3	596,794	13	14
Total to Date	35	5,867,153	127	122

Vitrification operations continued to progress very well in July, both in operations and maintenance activities. Glass production rates remain above normal at 13 canisters being filled during the month of July 1997. This high production rate resulted in three HLW transfers from the WTF to Vitrification containing 596,794 curies of Cesium & Strontium for the month of July, 1997. A total of 127 canisters have been filled, and 122 completed canisters have been located in the High Level Waste Interim Storage Racks. A melter system availability of greater than 78% has been achieved as of the end of July.

The HLW Tank 8D-2 sample analysis at PNNL has been completed. Results are being reviewed by a PNNL team of scientists and will be available to WVNS in August, 1997.

The Waste Form Compliance Plan (WCP) has been revised to improve the slurry feed batch preparation and acceptance methodology, per discussions with EM-32 staff, and reissued. The transmittal letter to DOE-WV has been drafted and is being reviewed. Additional proposed WCP changes have been incorporated into a subsequent draft revision, per DOE-EM request, which will be submitted in August, 1997. The revision of SOP 63-64 to implement the approved WCP modification is in progress.

A scheduled maintenance period, where the melter was placed in idle mode for 12 hours, was conducted on July 14, 1997. The planned work tasks were successfully accomplished and feeding and pouring operations resumed following the idle period.

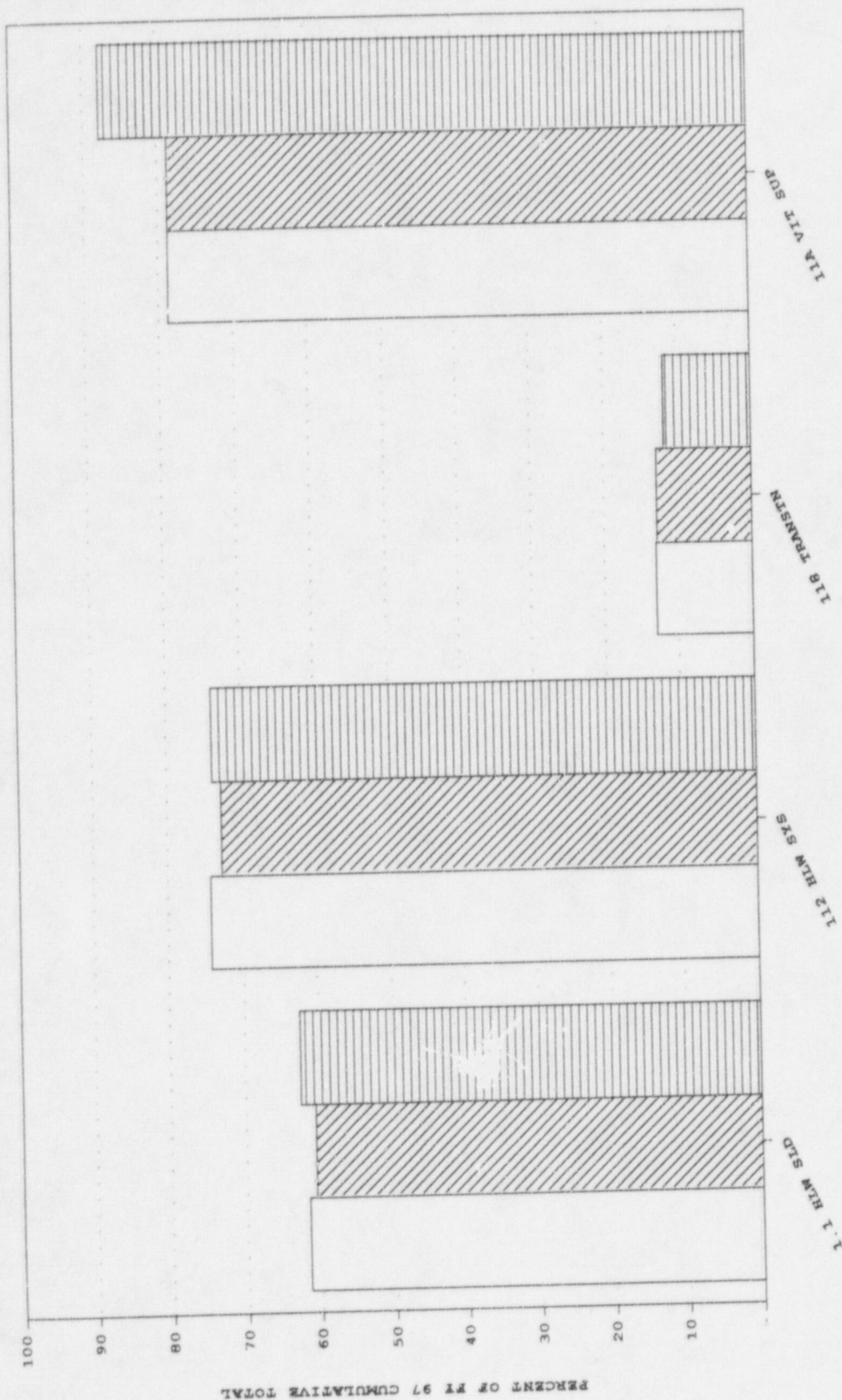
Assessment/Actions

HLW Solidification had no appreciable schedule variance for the month of July.

The negative cost variance was reduced by \$0.18 million, resulting in an insignificant cumulative cost variance of negative \$0.66 million.

FY 1997 SUMMARY

WBS 1.1 31-JUL-97

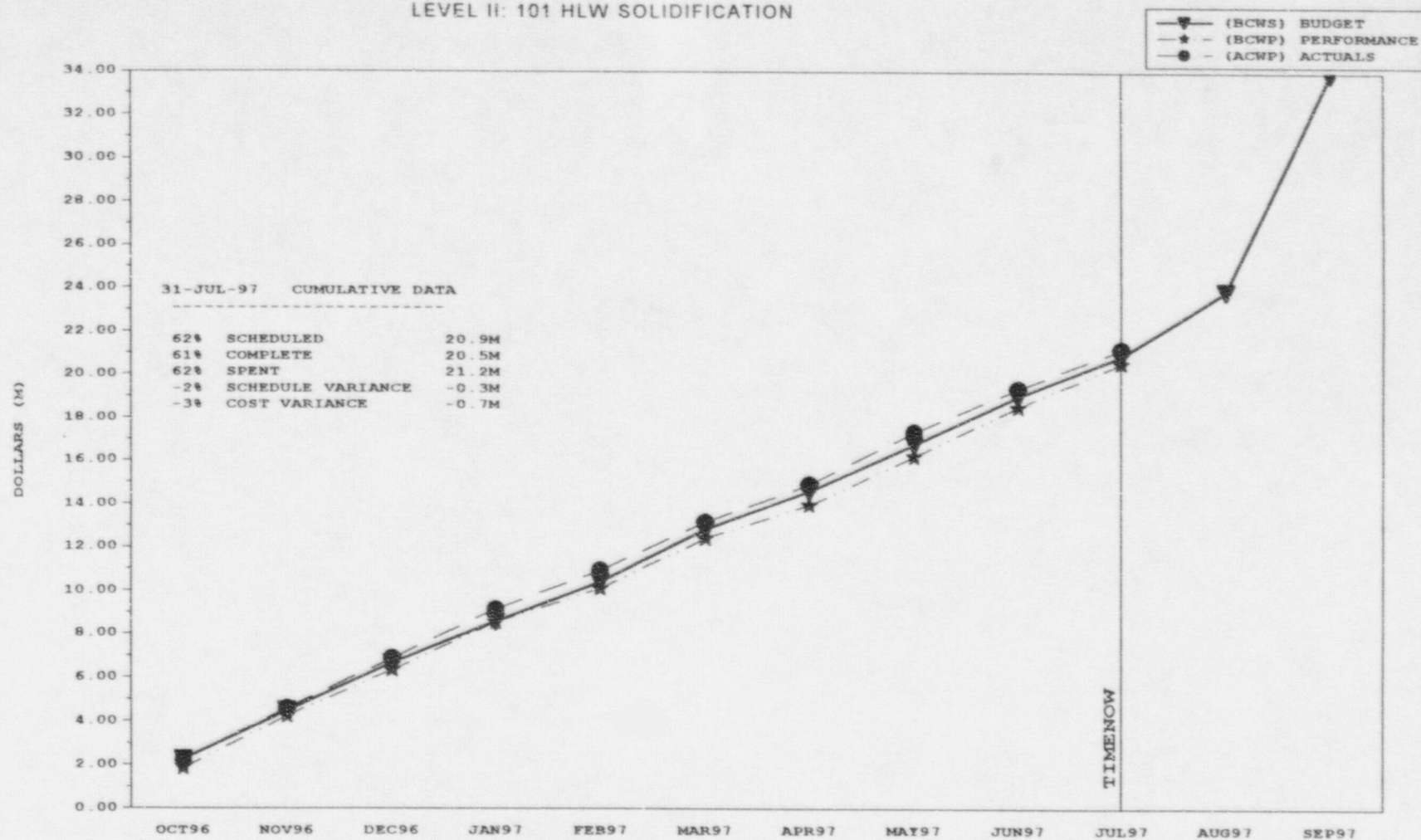


PERCENT BUDGETED	62	74	13	79	79
PERCENT PERFORMED	61	73	13	79	79
PERCENT SPENT	62	74	12	88	88

PERCENT BUDGETED - CUM BUDGET TO DATE/TOTAL 97 BUDGET
 PERCENT PERFORMED - CUM PERFORM TO DATE/TOTAL 97 BUDGET
 PERCENT SPENT - CUM ACTUALS TO DATE/TOTAL 97 BUDGET

CUM FY-97 PERFORMANCE CURVE

LEVEL II: 101 HLW SOLIDIFICATION



PROJECT TIMESCALE - \$M											
(BCWS) BUDGET	2.24	4.48	6.65	8.56	10.39	12.82	14.61	16.73	18.99	20.86	23.86
(BCWP) PERFORMANCE	1.68	4.22	6.33	8.53	10.08	12.41	13.96	16.18	18.49	20.53	
(ACWP) ACTUALS	2.19	4.59	6.86	9.15	10.91	13.14	14.91	17.30	19.34	21.18	
(SV) SCHED VAR	-0.4	-0.3	-0.3	-0.0	-0.3	-0.4	-0.7	-0.5	-0.5	-0.3	
(CV) COST VAR	-0.3	-0.4	-0.5	-0.6	-0.8	-0.7	-1.0	-1.1	-0.8	-0.7	
(SPI)	0.84	0.94	0.95	1.00	0.97	0.97	0.96	0.97	0.97	0.98	
(CPI)	0.86	0.92	0.92	0.93	0.92	0.94	0.94	0.94	0.96	0.97	

NARRATIVE HIGHLIGHTS AND ASSESSMENT

1.3 Site Operations

Accomplishments/Status

A Vitrification Facility Level Exercise was conducted on Thursday, July 17, 1997. The exercise involved the Vitrification Operations Shift Supervisor and Radiation Protection personnel and tested their training, procedures, equipment, and ability to work together to remediate a vitrification-related emergency.

WVDP-253, "WVDP EMRT Manual", was issued for site use. The manual describes the emergency medical services program which provides interim emergency medical treatment to any person who becomes ill or injured at the WVDP. The manual is designed to be used with EMIP-102.

On Monday, July 28, 1997, the WVDP conducted the annual site familiarization briefing for the West Valley Volunteer Hose Company and other local emergency responders. The briefing included an overview of site activities, an update on the new emergency management standard, and an optional tour of site facilities. Approximately 40 individuals, representing 6 local emergency response agencies participated in the briefing.

Butler Construction is preparing the required submittals for the removal of the Underground Fuel Tank Replacement, including the safety plan. The subcontractor that will be performing the tank removal, Tonawanda Tank, is scheduled to be on-site for training the week of August 4, 1997. Field work is expected to begin the following week.

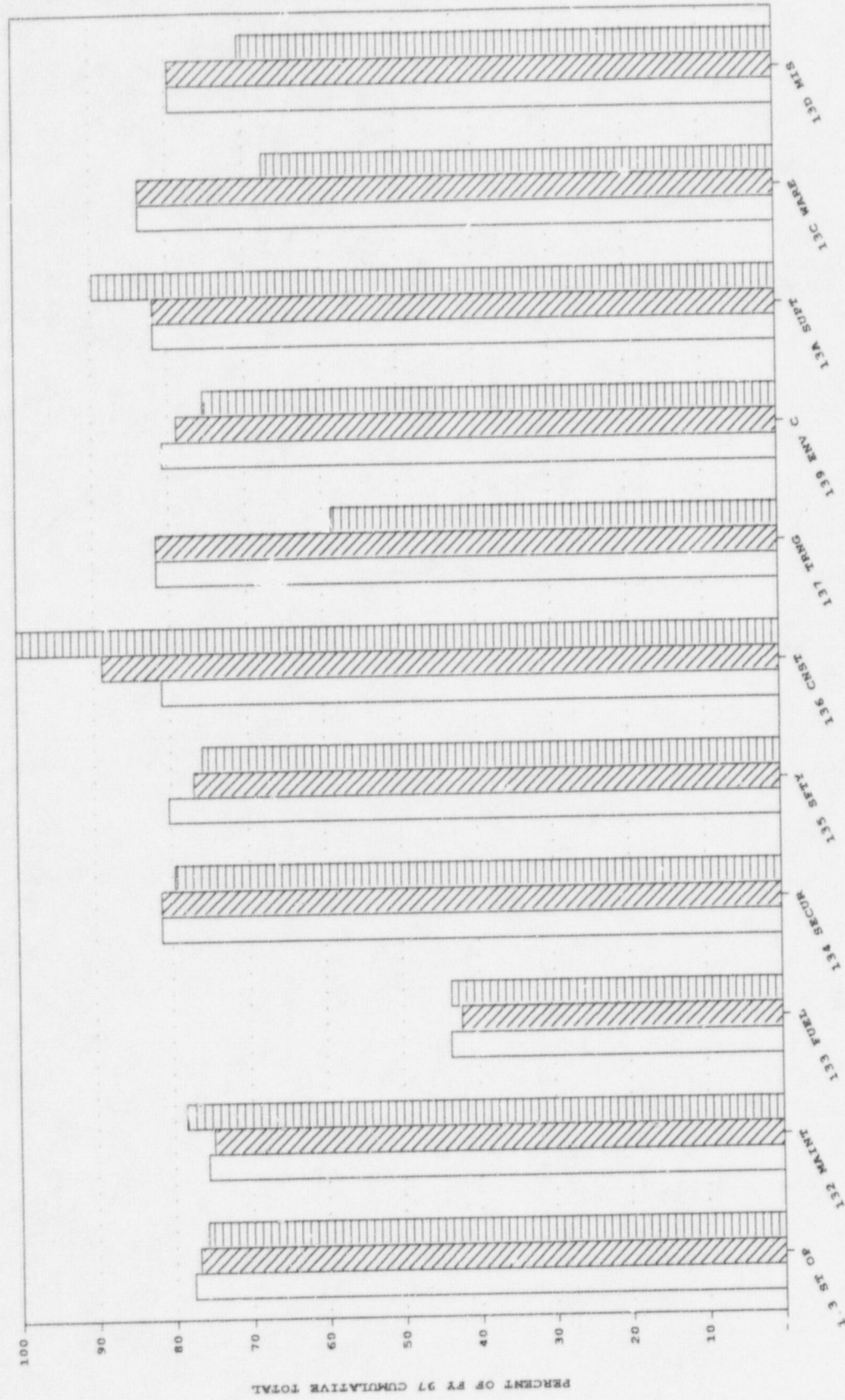
In support of shipping the North Plateau resin, 17 boxes have been dewatered. Profile samples were taken and sent to SEG for treatment, storage, and disposal facility approval. Sixteen boxes have been marked, labeled, and dose surveys completed. Shipment of the 16 boxes of resin is tentatively scheduled to begin in August, 1997.

Assessment/Actions

Site Operations had no appreciable schedule or cost variance for the month of July.

FY 1997 SUMMARY

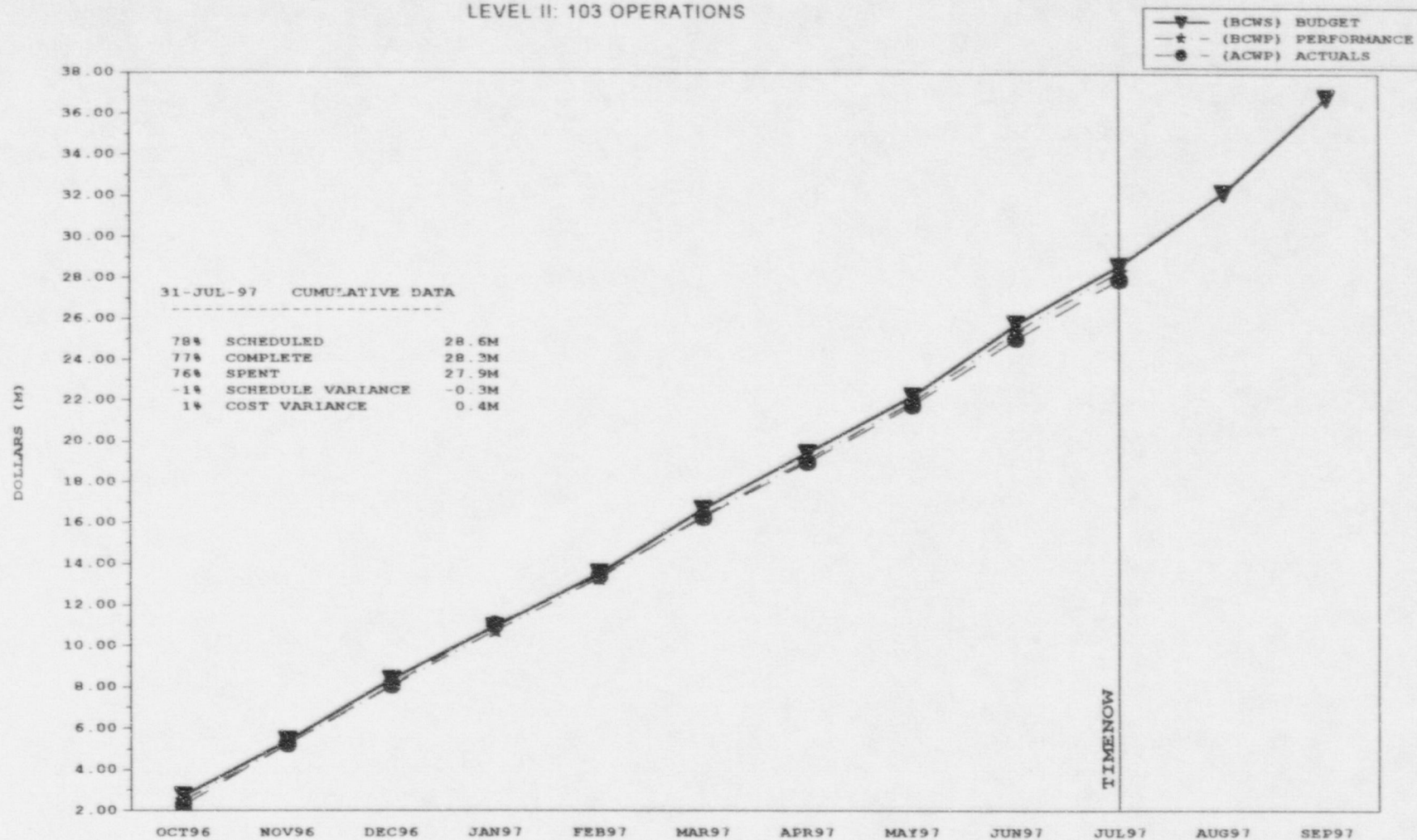
WBS 1.3 31-JUL-97



PERCENT BUDGETED - CUM BUDGET TO DATE/TOTAL 97 BUDGET
 PERCENT PERFORMED - CUM PERFORM TO DATE/TOTAL 97 BUDGET
 PERCENT SPENT - CUM ACTUALS TO DATE/TOTAL 97 BUDGET

CUM FY-97 PERFORMANCE CURVE

LEVEL II: 103 OPERATIONS



PROJECT TIMESCALE - \$M												
(BCWS) BUDGET	2.72	5.41	8.35	10.92	13.57	16.67	19.43	22.18	25.74	28.59	32.17	36.82
(BCWP) PERFORMANCE	2.52	5.23	8.05	10.75	13.33	16.36	19.12	21.91	25.40	28.32		
(ACWP) ACTUALS	2.27	5.26	8.08	11.05	13.44	16.26	18.96	21.77	25.02	27.92		
(SV) SCHED VAR	-0.2	-0.2	-0.3	-0.2	-0.2	-0.3	-0.3	-0.3	-0.3	-0.3		
(CV) COST VAR	0.3	-0.0	-0.0	-0.3	-0.1	0.1	0.1	0.1	0.4	0.4		
(SPI)	0.93	0.97	0.97	0.98	0.98	0.98	0.98	0.99	0.99	0.99		
(CPI)	1.11	0.99	1.00	0.97	0.99	1.01	1.01	1.01	1.02	1.01		

NARRATIVE HIGHLIGHTS AND ASSESSMENT

1.4 Direct Project Support

Accomplishments/Status

On July 14, 1997, the DOE West Valley Demonstration Project (DOE-WV) representatives including T. J. Rowland conducted a ceremony with the Seneca Nation of Indians (SNI) President, Michael Schindler culminating the signing of a cooperative agreement between DOE and the SNI over the next year. The agreement provides for the exchange of environmental, cultural resource, and transportation information between DOE-WV and the Seneca Nation of Indians.

On: July 14, 1997, WVNS hosted the Springville Area Chamber of Commerce Board of Directors meeting. Ten area business leaders were welcomed to the WVDP by DOE-WV Director T. J. Rowland and WVNS President, R. R. Campbell prior to a site tour.

The 1997 WVDP ALARA (As Low As Reasonably Achievable) performance through July was 2.612 person-rem. This represents 35.7 percent of the year-to-date ALARA goal of 7.322 person-rem. There were zero reportable nasal, internal, skin, and clothing contamination events in July. Eight OSHA-recordable incidents occurred during July, making the WVDP's year-to-date Total Recordable Case Rate (TRC) 4.23.

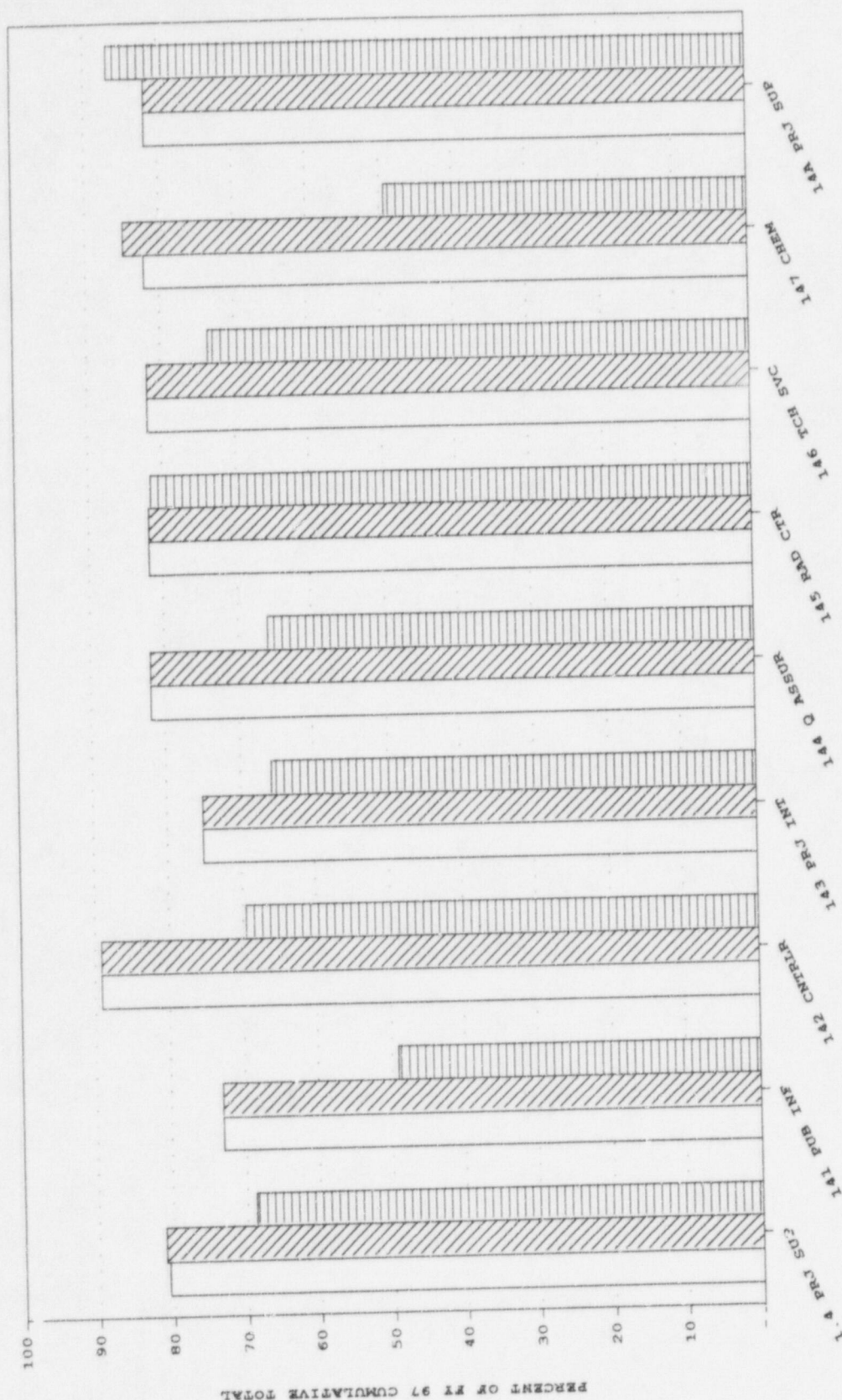
Assessment/Actions

Direct Project Support had no appreciable schedule variance for the month of July.

The positive cost variance increased by \$0.18 million, resulting in a cumulative cost variance of positive \$1.93 million. This remains due to increased assignment of support work group labor toward vitrification operations, as well as less than planned laboratory consumables/service contracts and other routine procurements throughout the Direct Project Area.

FY 1997 SUMMARY

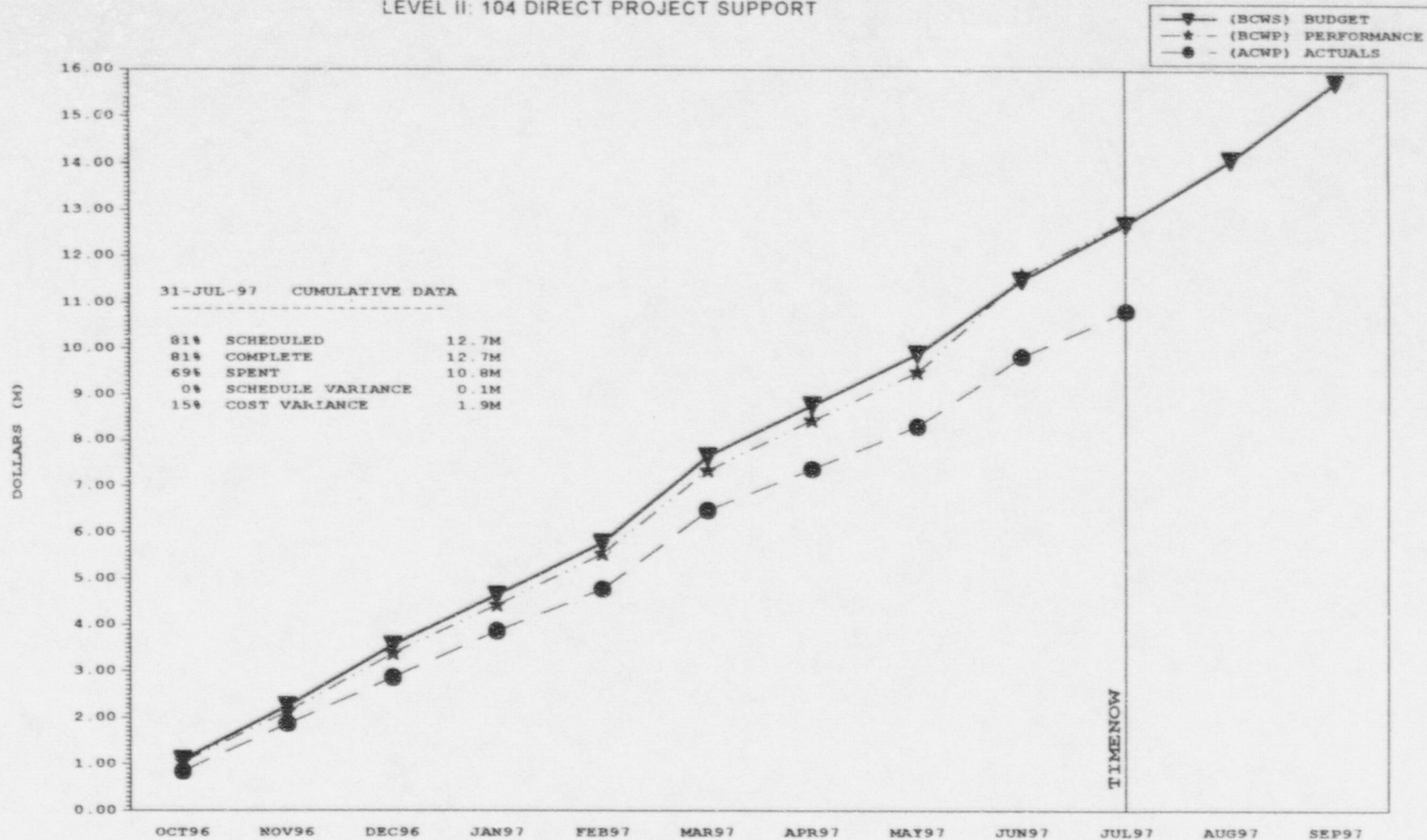
WBS 1.4 31-JUL-97



PERCENT BUDGETED - CUM BUDGET TO DATE/TOTAL 97 BUDGET
 PERCENT PERFORMED - CUM PERFORM TO DATE/TOTAL 97 BUDGET
 PERCENT SPENT - CUM ACTUALS TO DATE/TOTAL 97 BUDGET

CUM FY-97 PERFORMANCE CURVE

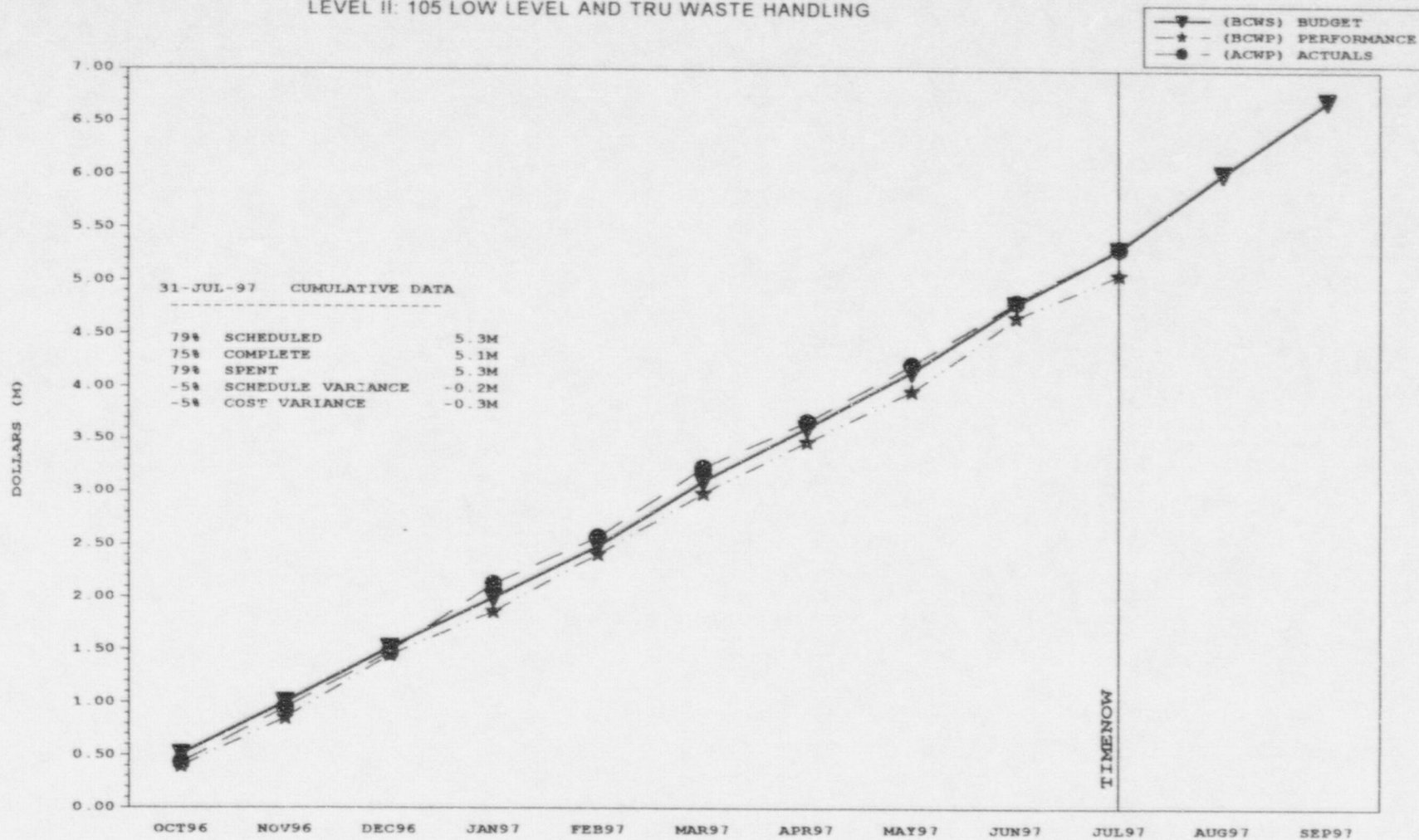
LEVEL II: 104 DIRECT PROJECT SUPPORT



PROJECT TIMESCALE - \$M												
(BCWS) BUDGET	1.09	2.25	3.55	4.64	5.78	7.65	8.76	9.98	11.49	12.69	14.08	15.74
(BCWP) PERFORMANCE	1.05	2.13	3.38	4.43	5.54	7.35	8.43	9.48	11.58	12.75		
(ACWP) ACTUALS	0.84	1.87	2.86	3.87	4.78	6.47	7.38	8.30	9.82	10.82		
(SV) SCHED VAR	-0.0	-0.1	-0.2	-0.2	-0.2	-0.3	-0.3	-0.4	0.1	0.1		
(CV) COST VAR	0.2	0.3	0.5	0.6	0.8	0.9	1.0	1.2	1.8	1.9		
(SPI)	0.96	0.95	0.95	0.95	0.96	0.96	0.96	0.96	1.01	1.01		
(CPI)	1.25	1.14	1.18	1.15	1.16	1.14	1.14	1.14	1.18	1.18		

CUM FY-97 PERFORMANCE CURVE

LEVEL II: 105 LOW LEVEL AND TRU WASTE HANDLING



PROJECT TIMESCALE - \$M												
(BCWS) BUDGET	0.51	1.00	1.52	1.99	2.49	3.10	3.61	4.14	4.78	5.30	6.03	6.72
(BCWP) PERFORMANCE	0.40	0.85	1.45	1.87	2.41	2.99	3.48	3.96	4.66	5.06		
(ACWP) ACTUALS	0.43	0.95	1.48	2.13	2.57	3.23	3.67	4.21	4.80	5.31		
(SV) SCHED VAR	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.2	-0.1	-0.2		
(CV) COST VAR	-0.0	-0.1	-0.0	-0.3	-0.2	-0.2	-0.2	-0.3	-0.1	-0.3		
(SPI)	0.79	0.85	0.96	0.94	0.97	0.96	0.96	0.96	0.98	0.96		
(CPI)	0.93	0.90	0.98	0.88	0.94	0.93	0.95	0.94	0.97	0.95		

NARRATIVE HIGHLIGHTS AND ASSESSMENT

1.5 Low-Level Waste/TRU Waste Handling

Accomplishments/Status

Operation of the Automated Soil Sorting activities were completed. The soil sorting equipment was decontaminated and decommissioned and shipped off site on July 28, 1997. The total amount sorted is as follows:

- 407.20 cubic yards sorted using combined beta and gamma detectors;
- 30.50 cubic yards of "overs";
- 197.60 cubic yard clean;
- 192.10 cubic yards radioactive.

Technical evaluations of the bids for the process equipment for the Low-Level Waste Treatment Facility (LLWTF) building have been prepared by Engineering, and Procurement has prepared appropriate requests to the bidders for obtaining their revised proposals. The sub-contractor for the building and foundation is making preparations to start on-site work in August, 1997. The designs of the building internals and ancillary services are continuing, and the project schedule is being reviewed.

The mobile CO₂ Decontamination System has been decontaminated. Demobilization and shipment of the unit is expected to take place in September, 1997.

The Container Sorting and Packaging Facility sorted 707 containers from January 1, 1997 through the end of July, and a total of 1,905 containers to date.

The hazardous waste inventory at the end of July was 107 kilograms (kg), the industrial waste inventory was 3372 kg, and recyclable materials totaled 973 kg.

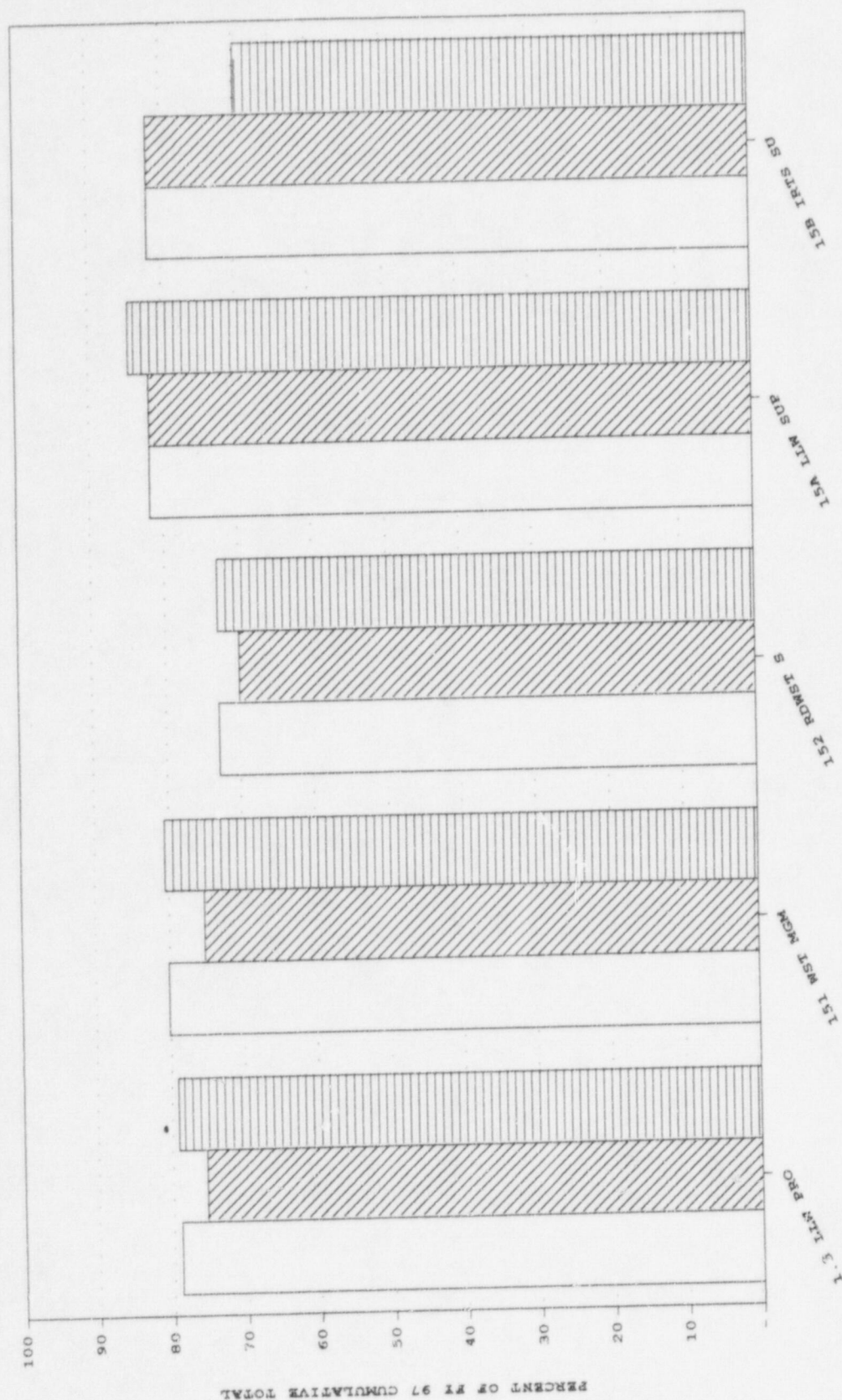
Assessment/Actions

The negative schedule variance increased by \$0.12 million in July, resulting in an insignificant cumulative schedule variance of negative \$0.24 million.

The negative cost variance increased by \$0.19 million, resulting in an insignificant cumulative cost variance of negative \$0.25 million.

FY 1997 SUMMARY

WBS 1.5 31-JUL-97



PERCENT BUDGETED	79	80	73	82	82
PERCENT PERFORMED	75	75	70	82	82
PERCENT SPENT	79	81	73	85	70

PERCENT BUDGETED - CUM BUDGET TO DATE/TOTAL 97 BUDGET
 PERCENT PERFORMED - CUM PERFORM TO DATE/TOTAL 97 BUDGET
 PERCENT SPENT - CUM ACTUALS TO DATE/TOTAL 97 BUDGET

NARRATIVE HIGHLIGHTS AND ASSESSMENT

1.6 Phase II

Accomplishments/Status

The Draft Environmental Impact Statement (DEIS) public comment period officially closed on September 22, 1996. All comments received have been made available for review in the public reading rooms. Science Application International Corporation (SAIC) is continuing the comment resolution process. In addition, they also have prepared and submitted "cost benefit" packages that compare the alternatives for each Waste Management Area (WMA). The Cost Benefit Packages for WMA 1, 2, 3, 4, 5, 7, 8, and 9 are currently under review by DOE and the New York State Energy Research and Development Authority.

Preparations to enable directing plant waste to either 8D-2 or 8D-4 in the waste tank farm (Phase II of the Cut-off Strategy) are continuing. A quantification of expected waste flows has been compiled to support development of functions and requirements. Discussions are also being initiated with Liquid Waste Treatment System and Main Plant Operations to facilitate testing and check-out of flowpaths which may be used in implementation.

The Citizen Task Force (CTF) that has been convened to provide input to DOE and NYSEDA on development of a preferred alternative for Project completion and site closure or long-term management by New York State held two meetings in July. Topics for discussion at the July 2, 1997 meeting included presentations on the North Plateau groundwater plume, the DOE Waste Management Programmatic Environmental Impact Statement (PEIS), and the DOE-HQ and DOE-OH Accelerated Cleanup Plans. The July 15, 1997, meeting included a brief question and answer period regarding the DOE Waste Management PEIS and the Accelerated Cleanup Plans, followed by a CTF discussion period.

The WVDP continues to implement the Resource Conservation and Recovery Act Facility Investigation (RFI) Work Plan. All required RFI reports have been submitted and approved by the regulators. The agencies are presently working to make final determinations for five supplemental solid waste management units and eight of the "sealed rooms" in the Process Building. Determinations will be based on previously submitted information and various RFI reports.

Assessment/Actions

The negative schedule variance was reduced by \$0.29 million in July, resulting in an insignificant cumulative schedule variance of negative \$0.35 million. Schedule improvement was due primarily to continued receipt of equipment supporting Waste Tank Farm transfer activities.

The positive cost variance increased by \$0.29 million, resulting in a cumulative cost variance of positive \$1.54 million. This remains due primarily to assignment of planned labor resources toward vitrification operations.

FY 1997 SUMMARY

WBS 1.6 31-JUL-97

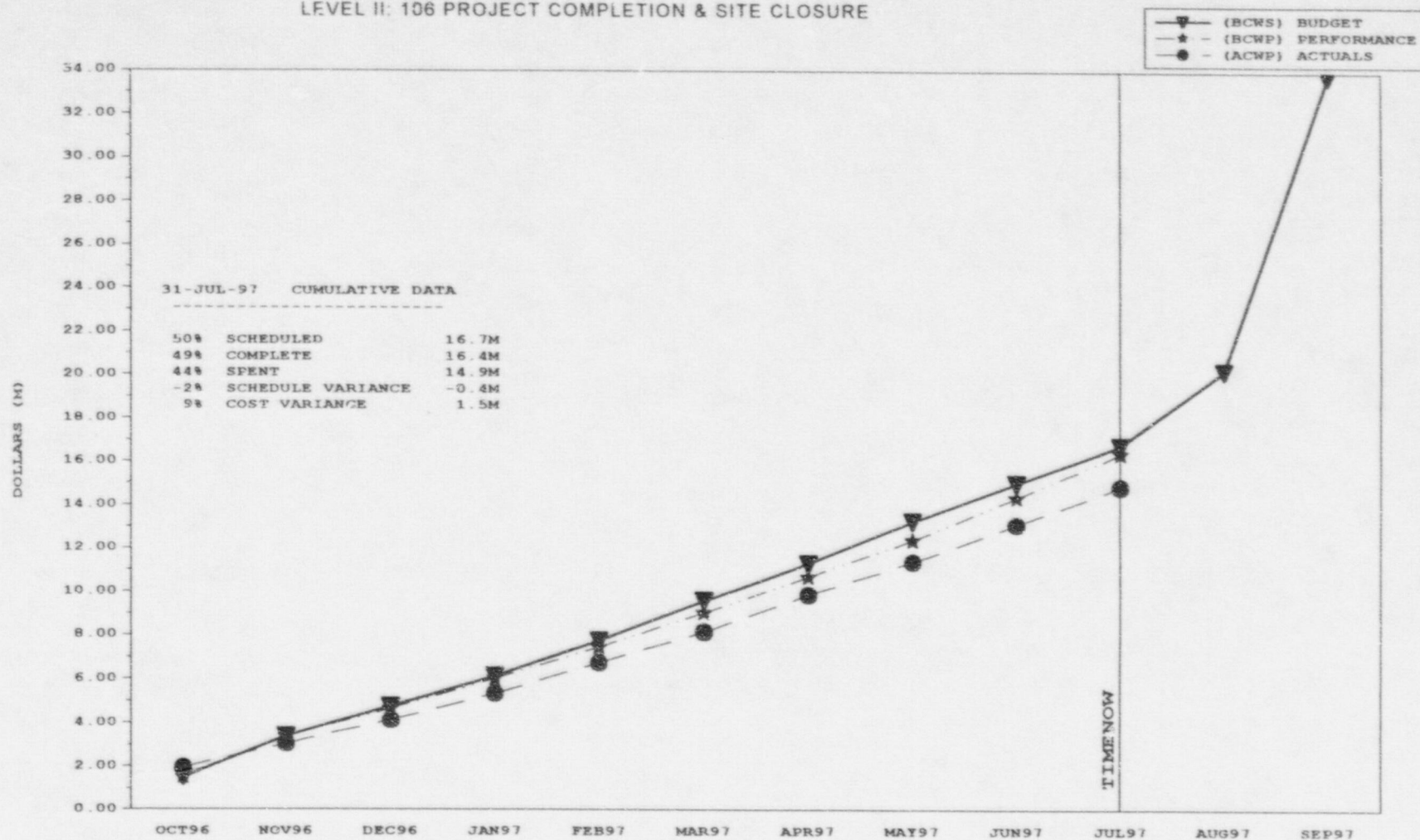


PERCENT BUDGETED	49	60	39	47	78	40	30	64
PERCENT PERFORMED	48	57	37	47	73	35	29	64
PERCENT SPENT	43	83	39	41	74	31	30	50

PERCENT BUDGETED - CUM BUDGET TO DATE/TOTAL 97 BUDGET
 PERCENT PERFORMED - CUM PERFORM TO DATE/TOTAL 97 BUDGET
 PERCENT SPENT - CUM ACUALS TO DATE/TOTAL 97 BUDGET

CUM FY-97 PERFORMANCE CURVE

LEVEL II: 106 PROJECT COMPLETION & SITE CLOSURE



	PROJECT TIMESCALE - \$M											
(BCWS) BUDGET	1.52	3.38	4.76	6.13	7.75	9.60	11.29	13.26	15.00	16.74	20.20	33.79
(BCWP) PERFORMANCE	1.52	3.36	4.66	6.03	7.47	9.05	10.68	12.38	14.36	16.39		
(ACWP) ACTUALS	1.94	3.04	4.13	5.36	6.77	8.16	9.87	11.38	13.11	14.85		
(SV) SCHED VAR	-0.0	-0.0	-0.1	-0.1	-0.3	-0.5	-0.6	-0.9	-0.6	-0.4		
(CV) COST VAR	-0.4	0.3	0.5	0.7	0.7	0.9	0.8	1.0	1.3	1.5		
(SPI)	1.00	1.00	0.98	0.99	0.96	0.94	0.95	0.93	0.96	0.98		
(CPI)	0.78	1.10	1.13	1.13	1.10	1.11	1.08	1.09	1.10	1.10		

ADMINISTRATIVE

Project personnel as of July 31, 1997:

	<u>Mgt</u>	<u>Prof</u>	<u>NE</u>	<u>Hourly</u>	<u>Total</u>
WVNS On Board ¹	109	360	210	180	859
Contract Guard	0	0	0	25	25
Dames and Moore ²	4	16	0	0	20
Project Total:	<u>113</u>	<u>376</u>	<u>210</u>	<u>205</u>	<u>904</u>

EEO Statistics:

	<u>Mgt</u>	<u>Prof</u>	<u>NE</u>	<u>Hourly</u>	<u>Total</u>
Minority (Included in WVNS Total)	12	48	12	15	87
Female (Included in WVNS Total)	17	74	128	28	247

¹ On Board total excludes 41 casuals² Includes Dames and Moore located on WVDP premises

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

Accomplishments/Status

Oral arguments on the appeal of the New York State Tax Case were held on June 12, 1997, in Buffalo, New York. Oral arguments presented to the New York State Tax Tribunal, limited to 25 minutes per side, were given to substantiate each side's position in its appeal of the opinion of the Administrative Law Judge. The tribunal now has up to six months in which to issue their decision.

COST PERFORMANCE REPORT - WORK BREAKDOWN STRUCTURE

JUL-97

FORMAT 1 PROGRESS REPORT (1)

WBS ITEM	CURRENT PERIOD					PROJECT CUM-TO-DATE					-PROJECT- BAC
	BCWS SCHED	BCWP COMPLETE	ACWP SPENT	SV SCHED	CV COST VARIANCE	BCWS SCHED	BCWP COMPLETE	ACWP SPENT	SV SCHED	CV COST VARIANCE	
101 HLW SOLIDIFICATION	1863	2033	1849	170	184	417442	417113	417771	(329)	(658)	451022
102 D & D	0	0	0	0	0	22617	22617	22617	0	0	22617
103 OPERATIONS	2849	2920	2895	71	25	311143	310872	310469	(271)	403	345405
104 DIRECT PROJECT SUPPORT	1198	1173	993	(25)	179	158823	158884	156953	61	1932	175022
105 LOW-LEVEL WST HANDLING	521	403	510	(119)	(107)	187703	187462	187714	(241)	(251)	196229
106 STABILIZA & PROJ COMPL	1741	2036	1744	294	292	74990	74638	73096	(351)	1542	122993
ESCALATION	0	0	0	0	0	0	0	0	0	0	3973
PMB	8173	8564	7991	391	573	1172718	1171587	1168620	(1130)	2968	1317261
WVNS MR	0	0	0	0	0	0	0	0	0	0	3519
STABILIZATION SHORTFALL	0	0	0	0	0	0	0	0	0	0	0
CBB	8173	8564	7991	391	573	1172718	1171587	1168620	(1130)	2968	1320780
FEE	1278	1278	1278	0	0	79956	79956	79956	0	0	90257
SDA FOR EIS	0	0	0	0	0	490	490	490	0	0	491
TOTAL	9451	9842	9270	391	573	1253164	1252034	1249066	(1130)	2968	1411527
DEOB PNNL+RW	0	0	0	0	0	35740	35740	35740	0	0	38016
DEOB HANFORD	0	0	0	0	0	14396	14396	14396	0	0	14914
DEOB OAKRIDGE	0	0	0	0	0	1441	1441	1441	0	0	1441
DEOB BRKHAVEN	0	0	0	0	0	758	758	758	0	0	372
DEOB SAIC (EIS)	0	0	0	0	0	4635	4635	4635	0	0	4635
DEOB SAVANNAH RIVER	0	0	0	0	0	1439	1439	1439	0	0	1511
DEOB ARGONNE	0	0	0	0	0	909	909	909	0	0	1353
DOE EXPENSE	0	0	0	0	0	12021	12021	12021	0	0	17297
DOE MR	0	0	0	0	0	0	0	0	0	0	2922
NON-PROJECT	(51)	(51)	(47)	0	(4)	(15029)	(14902)	(14866)	127	(36)	(17749)
NYS CREDIT	125	125	125	0	0	33789	33789	33789	(0)	0	33370
RELOCATION	0	0	0	0	0	1179	1179	1179	0	0	1179
TOTAL THRU PHASE I	9525	9916	9348	391	569	1344442	1343438	1340507	(1004)	2932	1510789
NON-PH I ADJ (2)	(1741)	(2036)	(1744)	(294)	(292)	(81248)	(80897)	(79355)	351	(1542)	(136236)
TOTAL TPCE PHASE I	7784	7881	7604	96	277	1263193	1262541	1261152	(652)	1390	1374552

NOTES: (1) ALL ENTRIES IN THOUSANDS OF DOLLARS - SUM OF THE PARTS MAY VARY FROM TOTAL DUE TO ROUNDING
 (2) STABILIZATION COSTS FOR DEOBS AT PNNL ESTIMATED FROM TOTAL COSTS REPORTED ON FIS.

PROJECT FUNDING SOURCESPRIORFY97FY98TOTAL
101 HLW SOLIDIFICATION	396,585	33,903	20,534	451,022
102 D & D	22,617	0	0	22,617
103 OPERATIONS	282,550	36,819	26,036	345,405
104 DIRECT PROJECT SUPPORT	146,136	15,741	13,145	175,022
105 LOW-LEVEL WASTE HANDLG	182,399	6,720	7,110	196,229
106 STABILIZATION & PROJ COMPLETION	58,245	33,787	30,961	122,993
ESCALATION	0	0	3,973	3,973
PMB LINE	1,088,532	126,969	101,760	1,317,261
WVNS MGMT RESERVE	0	2,067	1,451	3,519
STABILIZATION SHORTFALL	0	0	0	0
CONTRACT BUDGET BASE	1,088,532	129,036	103,211	1,320,780
FEE	71,917	11,086	7,253	90,257
SDA ACTIVITIES FOR EIS	490	1	0	491
WVNS TOTAL	1,160,939	140,123	110,465	1,411,527
DEOB RW/PNNL/MCC	34,739	2,744	532	38,016
DEOB HANFORD	14,396	518	0	14,914
DEOB OAK RIDGE	1,441	0	0	1,441
DEOB BRKHAVEN (W/EIS)	372	0	0	372
DEOB FOR SAIC (EIS)	3,084	1,551	0	4,635
DEOB SAVANNAH RIVER	1,439	72	0	1,511
DEOB ARGONNE NAT LAB	1,351	2	0	1,353
DOE EXPENSE	11,854	2,500	2,943	17,297
DOE MGMT RESERVE	0	1,081	1,841	2,922
NON-PROJECT	-16,062	-1,354	-333	-17,749
NYS CREDIT	29,817	1,500	2,053	33,370
RELOCATION	1,179	0	0	1,179
TPCE THRU PHASE I (YOE)	1,244,550	148,738	117,500	1,510,789
TPCE THRU PHASE I (BASE 97)	1,244,550	148,738	113,527	1,506,815
NON-PHASE I ADJ (YOE)	-63,496	-40,695	-32,045	-136,236
TOTAL PHASE I TPCE (YOE)	1,181,054	108,043	85,455	1,374,552
TOTAL PHASE I (BASE 97\$)	1,181,054	108,043	81,481	1,370,579

PROJECT FUNDING SOURCESPRIORFY97FY98TOTAL
DEPT OF ENERGY (YOE)	1,133,362	116,920	105,750	1,356,032
N Y STATE FUNDING	94,253	11,690	10,519	116,462
SUP'L NYS (+17% EIS)	3,665	422	0	4,087
UNCOSTED NYS FUNDING	1,767	0	0	1,767
NYS CRED/SERV	29,909	1,301	1,231	32,442
TOTAL PROJECT (YOE)	1,262,956	130,333	117,500	1,510,789
NON-PHASE I ADJ (YOE)	-69,083	-35,108	-32,045	-136,236
PHASE I (\$ YOE)	1,193,873	95,225	85,455	1,374,553

COST PERFORMANCE REPORT - ORGANIZATION BREAKDOWN STRUCTURE

JUL-97

FORMAT 2 PROGRESS REPORT (1)

ORGANIZATION	CURRENT PERIOD					PROJECT CUM-TO-DATE					PROJECT BAC
	BCWS SCHED	BCWP COMPLETE	ACWP SPENT	SV SCHED VARIANCE	CV COST VARIANCE	BCWS SCHED	BCWP COMPLETE	ACWP SPENT	SV SCHED VARIANCE	CV COST VARIANCE	
TRANSITION PROJECTS	651	933	1143	282	(210)	234016	233886	234289	(130)	(403)	248477
PROJECT MANAGEMENT	398	420	323	22	97	9110	9110	8310	0	800	13591
HLW OPERATIONS	1262	1425	1365	163	60	49036	48676	49025	(361)	(349)	71315
SITE OPERATIONS	1337	1299	1414	(38)	(115)	194285	193724	195815	(561)	(2091)	210884
ENGINEERING	1260	1297	1039	37	258	151233	151195	150621	(38)	574	180357
SITE SERVICES & SUPPORT	781	769	636	(12)	133	276994	277043	277601	49	(558)	287097
SAFETY, ENVIRON & HEALTH	1068	1054	1217	(14)	(163)	144933	144865	146603	(68)	(1738)	162421
PROCUR & PROG ANALY	1043	994	514	(50)	480	77316	77293	71130	(22)	6164	96670
HR/TRAINING/SECUR	372	372	340	0	32	35795	35795	35227	0	568	40987
ESCALATION	0	0	0	0	0	0	0	0	0	0	3973
PMB	8173	8564	7991	391	573	1172718	1171587	1168620	(1130)	2968	1317261
WVNS MR	0	0	0	0	0	0	0	0	0	0	3519
STABILIZATION SHORTFALL	0	0	0	0	0	0	0	0	0	0	0
CBB	8173	8564	7991	391	573	1172718	1171587	1168620	(1130)	2968	1320780
FEE	1278	1278	1278	0	0	79956	79956	79956	0	0	90257
SDA ACTIVITIES FOR EIS	0	0	0	0	0	490	490	490	0	0	491
TOTAL	9451	9842	9270	391	573	1253164	1252034	1249066	(1130)	2968	1411527
DEOB PNNL+RW	0	0	0	0	0	35740	35740	35740	0	0	38016
DEOB HANFORD	0	0	0	0	0	14396	14396	14396	0	0	14914
DEOB OAKRIDGE	0	0	0	0	0	1441	1441	1441	0	0	1441
DEOB BRKHAVEN	0	0	0	0	0	758	758	758	0	0	372
DEOB SAIC (EIS)	0	0	0	0	0	4635	4635	4635	0	0	4635
DEOB SAVANNAH RIVER	0	0	0	0	0	1439	1439	1439	0	0	1511
DEOB ARGONNE	0	0	0	0	0	909	909	909	0	0	1353
DOE EXPENSE	0	0	0	0	0	12021	12021	12021	0	0	17297
DOE MR	0	0	0	0	0	0	0	0	0	0	2922
NON-PROJECT	(51)	(51)	(47)	0	(4)	(15029)	(14902)	(14866)	127	(36)	(17749)
NYS CREDIT	125	125	125	0	0	33789	33789	33789	(0)	0	33370
RELOCATION	0	0	0	0	0	1179	1179	1179	0	0	1179
TOTAL THRU PHASE I	9525	9916	9348	391	569	1344442	1343438	1340507	(1004)	2932	1510789
NON-PH I ADJ (2)	(1741)	(2036)	(1744)	(294)	(292)	(81248)	(80897)	(79355)	351	(154)	(136236)
TOTAL TPCE PHASE I	7784	7881	7604	96	277	1263193	1262541	1261152	(652)	1390	1374552

* * * PROJECT RESERVE TRANSACTIONS * * *

TYPE OF	TRANS	CHANGE DESCRIPTION	APPRVL DATE	PRIOR ..\$M.	FY-97 ..\$M.	FY-98 ..\$M.	..TOTAL\$M.
107200	-	WVNS MR					
.....					
		BEGINNING BALANCE:			3.84	1.45	5.29
	
PMB	97090	104720 - RETURN 90K TO WVNS MR FOR SITE STABILIZATION ANALYTICAL SUPPORT NOT NEEDED AT THIS TIME.	JUL-97		0.09		0.09
CBBCR	97079	DEOB TO PNNL. 360K FROM WVNS MR & 840K FROM DOE MR AS A DEPLOYMENT FOR NEW SCOPE. ASSOC WITH PREVIOUSLY DOCUMENTED COST SAVINGS (CS) (CBB 97015) THE CONTRACT INCENTIVE FOR APPROPRIATE CS IS REQUESTED TO FURTHER CONFIRM PREVIOUS SAVINGS ACTION.	JUL-97		-0.36		-0.36
CBBCR	97086	1500K FROM WVNS MR TO DOE MR TO ALLOW BUDGETING OF NEW SCOPE ASSOC W/ THE LONG TERM DRFT 2006 PLAN TO REPLACE MAIN PLT ROOF & REDUCE SITE FOOTPRINT. FUNDING PROVIDED BY ADD'L COST SAVINGS RESULTING FROM OVERALL EFFECTIVE PERFORMANCE IN PHASE I.	JUL-97		-1.50		-1.50
ENDING BALANCE: JULY 31, 1997					2.07	1.45	3.52
107650	-	DOE MR					
.....					
		BEGINNING BALANCE:			1.92	1.84	3.76
	
CBBCR	97079	DEOB TO PNNL. 360K FROM WVNS MR & 840K FROM DOE MR AS A DEPLOYMENT FOR NEW SCOPE. ASSOC WITH PREVIOUSLY DOCUMENTED COST SAVINGS (CS) (CBB 97015) THE CONTRACT INCENTIVE FOR APPROPRIATE CS IS REQUESTED TO FURTHER CONFIRM PREVIOUS SAVINGS ACTION.	JUL-97		-1.20		-1.20
					0.36		0.36
CBBCR	97086	1500K FROM WVNS MR TO DOE MR TO ALLOW BUDGETING OF NEW SCOPE ASSOC W/ THE LONG TERM DRFT 2006 PLAN TO REPLACE MAIN PLT ROOF & REDUCE SITE FOOTPRINT. FUNDING PROVIDED BY ADD'L COST SAVINGS RESULTING FROM OVERALL EFFECTIVE PERFORMANCE IN PHASE I.	JUL-97				
ENDING BALANCE: JULY 31, 1997					1.08	1.84	2.92

COST PERFORMANCE REPORT - PROBLEM ANALYSIS - ESTIMATE AT COMPLETION

FORMAT 5

CONTRACTOR: WEST VALLEY NUCLEAR SERVICES CO., INC.
 LOCATION: P.O. BOX 191
 WEST VALLEY, NEW YORK 14171-0191

CONTRACT TYPE/NUMBER
 CPAF
 DE-AC24-81NE44139

PROJECT NAME/NUMBER
 WEST VALLEY DEMONSTRATION PROJECT
 (WVDP)

REPORT PERIOD
 JULY
 FY-1997

DOLLARS IN THOUSANDS							
WBS	JULY BAC	JULY EAC	JULY VAC	PRIOR VAC	VAC CHANGE	EXPLANATION	
1.1	451,022	451,022	0	0	0		
1.2	22,617	22,617	0	0	0		
1.3	345,405	345,405	0	0	0		
1.4	175,022	175,022	0	0	0		
1.5	196,229	196,229	0	0	0		
1.6	122,993	122,993	0	0	0		
	-----	-----	-----	-----	-----		
	1,313,288	1,313,288	0	0	0		

NOTE: ALL DATA IS IN FY1997 DOLLARS

CONTRACTOR:
WEST VALLEY NUCLEAR SERVICES CO., INC.
LOCATION:
P.O. BOX 191
WEST VALLEY, NEW YORK 14171-0191

CONTRACT TYPE/NUMBER
CPAF
DE-AC24-8-1:E44139

PROJECT NAME/NUMBER
WEST VALLEY LEMONSTRATION PROJECT
(WVDP)

REPORT PERIOD
JULY
FY-1997

WBS IDENT.	DESCRIPTION	VARIANCE SCHEDULE/COST	NATURE OF PROBLEM	IMPACT	CORRECTIVE ACTION
------------	-------------	---------------------------	-------------------	--------	----------------------

			NO LEVEL TWO WBS ELEMENTS EXCEEDED THRESHOLD DURING THIS REPORTING PERIOD.		
--	--	--	--	--	--

ALL ENTRIES IN THOUSANDS OF DOLLARS
* INDICATES VARIANCE EXCEEDS THRESHOLD
CURRENT VARIANCE +/- 20 PERCENT AND \$50K
CUMULATIVE VARIANCE +/- 10 PERCENT AND \$100K
NEGATIVE VARIANCES SHOWN IN PARENTHESES

WEST VALLEY DEMONSTRATION PROJECT FINANCIAL REPORT

FISCAL YEAR 1997

Contract Number: DE-AC24-81NE44139

Dollars expressed in thousands.

Reporting Period:
June 1997

WBS Description	Prior Years Uncosted (C/O)	FY 1997 Funding to Date	Obligations Available to Date	FY 1997 Planned Budget **	FY 1997 Costs to Date	Outstanding Commitments to Date	Budget Planned to Date
101 HLW Solidification	577	29,406	29,983	28,097	9,792	20,191	14,457
103 Site Operations	3,405	33,037	36,442	31,567	24,522	11,920	22,194
104 Direct Project Support	28	16,567	16,595	15,830	9,824	6,771	11,489
105 Radwaste Treatment System	267	7,033	7,300	6,720	4,805	2,495	4,783
106 Phase II	9,793	29,630	39,423	28,311	12,901	26,522	12,010
Contingencies and Reserves	0	0	0	5,758	0	0	0
FEE (WH+DB)	0	0	0	11,086	5,879	0	5,879
SUBTOTAL DOE Y/A FUNDING	14,071	115,673	129,744	127,369	67,723	67,899	70,812
Other Ohio Office Obligations	288	412	700	0	107	593	107
TOTAL OHIO OFFICE	14,359 *	116,085 *	130,444	127,369	67,830	68,492	70,919
TOTAL DOE OBLIGATIONS ***	1,548	835	2,383	6,187	1,401	982	1,401
EX33 PROJECT OBLIGATED FUNDS	15,907	116,920	132,827	133,556	69,231	69,474	72,320
Unobligated Funds:	0	0	0	0	0	0	0
TOTAL EX33 PROJECT FUNDING FY97:	15,907	116,920	132,827	133,556	69,231	69,474	72,320
NYSERDA NE Project (SDA Share)	0	0	0	1	0	0	0
NYSERDA NE Proj. (EIS Share) + Fee	0	422	422	422	218	204	218
NYSERDA NS Project + Fee	1,767	11,691	13,458	13,458	10,358	3,100	10,358
NYSERDA Credit	0	1,301	1,301	1,301	450	150	450
NYSERDA NY Non-Project + Fee	0	0	0	0	24	0	24
TOTAL WVNS PROJECT:	17,674	130,334	148,008	148,738	80,257	72,928	83,346
Non-Project Funding:							
Fuel Shipout (WB/WD)	819	445	1,264	1,264	504	16	213
Non-Project Fee	44	46	90	90	46	0	46
TOTAL WVDP:	18,537	130,825	149,362	150,092	80,807	72,944	83,605

* Data reflects June FIS and current AFP minus DOE Ohio office SAIC.

** BCWS is planned based upon \$116.9M FY97 DOE funding plus \$15.9M prior years uncosted DOE funds.

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

FISCAL YEAR 1997
DOE Obligations Breakout

Contract Number: DE-AC24-81NE44139

Dollars expressed in thousands

Reporting Period:
June 1997

WBS Description	Prior Years Uncosted (C/O)	FY 1997 Funding to Date	Obligations Available to Date	FY 1997 Planned Budget **	FY 1997 Costs to Date	Outstanding Commitments to Date	Budget Planned to Date
DOE Obligation: Argonne Labs	2	0	2	2	1	1	1
DOE Obligation: RL/PNNL/MCC	709	835	1,544	1,544	1,001	543	1,001
DOE Obligation: Fluor Daniel Hanford	24	0	24	518	0	24	0
DOE Obligation: Oakridge Assoc. Univ.	0	0	0	0	0	0	0
DOE Obligation: Idaho (SAIC - EIS)	2	0	2	0	0	2	0
DOE Obligation: Savannah River	2	0	2	72	0	2	0
DOE Obligation: Albuquerque	6	0	6	0	0	6	0
DOE Obligation: Nevada	3	0	3	0	0	3	0
DOE Obligation: Ohio (SAIC)	620	0	620	1,551	396	224	396
DOE Obligation: Idaho	84	0	84	0	14	70	14
DOE Obligation: Rocky Flats (SAIC Non-EIS)	0	0	0	0	(11)	11	(11)
DOE Obligation: Headquarters	96	0	96	2,500	0	96	0
TOTAL DOE OBLIGATIONS	1,548	835	2,383	6,187	1,401	982	1,401

* Data reflects June FIS and current AFP minus DOE Ohio office SAIC.

** BCWS is planned based upon \$116.9M FY97 DOE funding plus \$15.9M prior years uncosted DOE funds.

DRAFT
West Valley Demonstration Project Milestone Listing

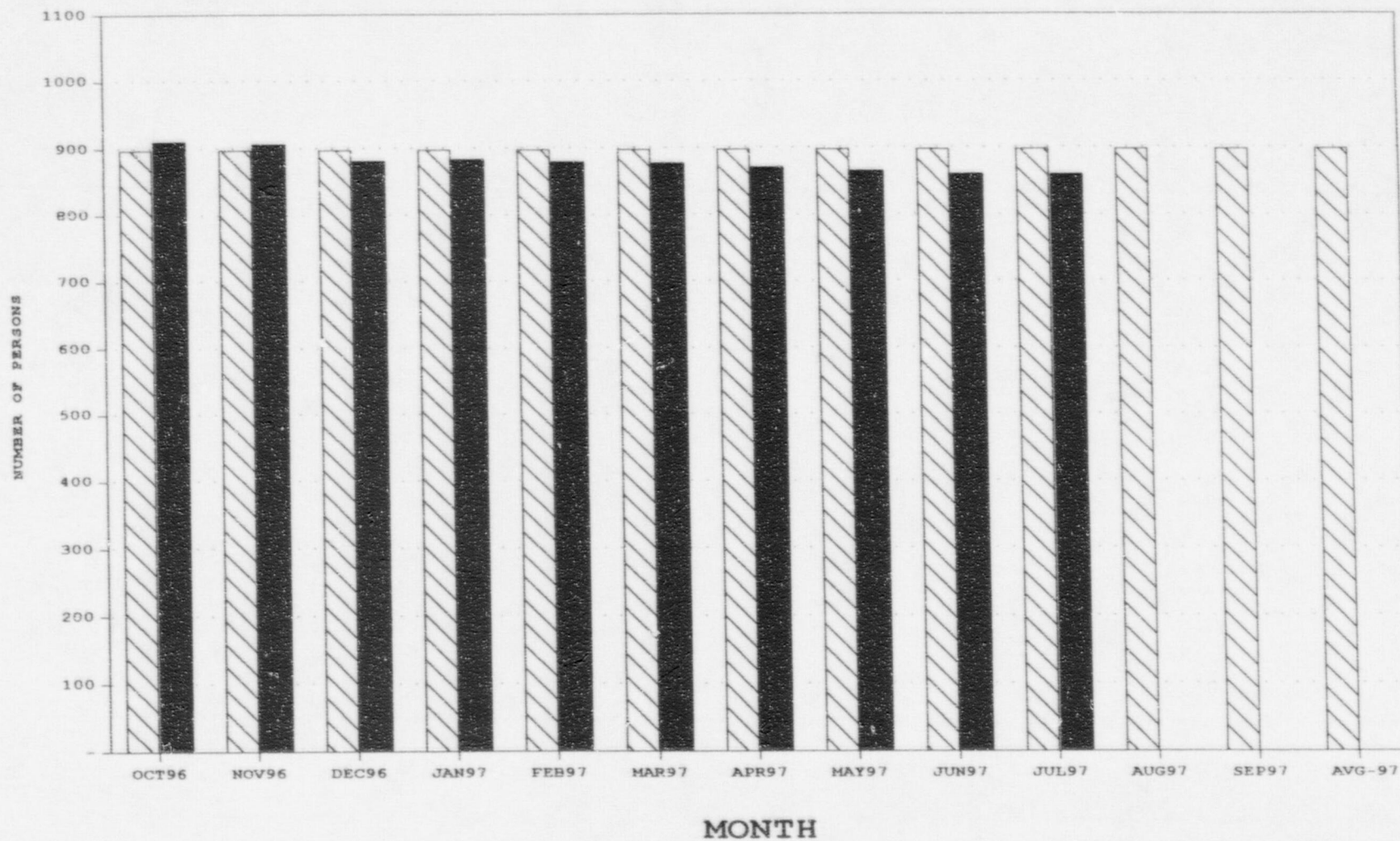
CONTROL LEVEL				MILESTONE DESCRIPTION	DATE	STATUS
Level 0 (AE)	Level 1 (PSO)	Level 2 (DOE-WV)	Level 3 (WVNS)			
#0001 1				KEY DECISION - RETURN SITE TO NEW YORK STATE	TBD	
#6001 106100				PUBLISH PHASE II RECORD OF DECISION (ROD)	OCT-97	BEING REPLANNED
#0002 1				COMPLETE PROJECT PHASE I	JUN-98	
	#6002 106100			PUBLISH FINAL PHASE II ENVIRON IMPACT STMT (EIS)	JUN-97	BEING REPLANNED
	#1004 101241			COMPLETE VIT SYSTEM RADIOACTIVE OPERATIONS (REDUCE 8D-2 LEVEL TO HEEL)	JUN-98	
		#6106 106330		TRANSITION END POINTS FOR WASTE TANK FARM	DEC-96	DEC-96 COMPLETE
			#1137 101241	SOLIDIFY 40 CUBIC METERS OF HIGH-LEVEL WASTE	SEP-96	DEC-96 COMPLETE
			#6087 106330	PMC/GPC CRANE MOD SPECS	JAN-97	DEC-96 COMPLETE
			#6109 106330	DESIGN OF A NEW MOBILIZATION PUMP AND REPAIR OF PUMP 55-G-003	FEB-97	FEB-97 COMPLETE
			#6089 106330	COMPLETE STUDY/PROVIDE RECOMMENDATION FOR HLW SHIPOUT	MAR-97	MAR-97 COMPLETE
			#3114 103520	ESTABLISH TWO-PART EMERG MGMT PROGRAM PER DOE O 151.1	MAR-97	FEB-97 COMPLETE
			#6110 106330	DESIGN OF A NEW DECANT PUMP FOR TANK 8D-2	APR-97	APR-97 COMPLETE

DRAFT
West Valley Demonstration Project Milestone Listing

CONTROL LEVEL				MILESTONE DESCRIPTION	DATE	STATUS
Level 0 (AE)	Level 1 (PSO)	Level 2 (DOE-WV)	Level 3 (WVNS)			
			#3113 103520	UPDATE WVDP-139 PER DOE O 151.1 IMPLEMENTATION	JUN-97	MAY-97 COMPLETE
			#6111 106330	DESIGN OF A NEW OR MODIFIED HLW SOLIDS TRANSFER EQUIPMENT	JUN-97	JUN-97 COMPLETE
			#6108 106610	DEMONSTRATE SOIL SORTING SYSTEM (50 BOXES)	JUN-97	JUN-97 COMPLETE
			#3106 103300	DEVELOP PERSONNEL MOBILIZATION PLAN	JUL-97	JUL-97 COMPLETE
			#1139 101241	TREAT 5.25M CURIES OF HLW	SEP-97	
			#3116 103520	CONDUCT A SITE EVACUATION EXERCISE	SEP-97	
			#5034 105110	VOL REDUCT OF 10,000 CU. FT. LLW CONTAINERS IN LAG	SEP-97	
			#5035 106610	SHIP 50 B-25 BOXES OF CLASS A LLW	SEP-97	

FY 1997 LABOR SUMMARY 31-JUL-97

WVNS PERSONNEL



LABOR BUDGETED	897	897	897	897	897	897	897	897	897	897	897	897	897
ACTUAL HEADCOUNT	910	906	881	883	879	877	870	865	860	859	-	-	-

LABOR BUDGETED
 ACTUAL HEADCOUNT

EXCLUDES 41 CASUALS