



West Valley Demonstration Project

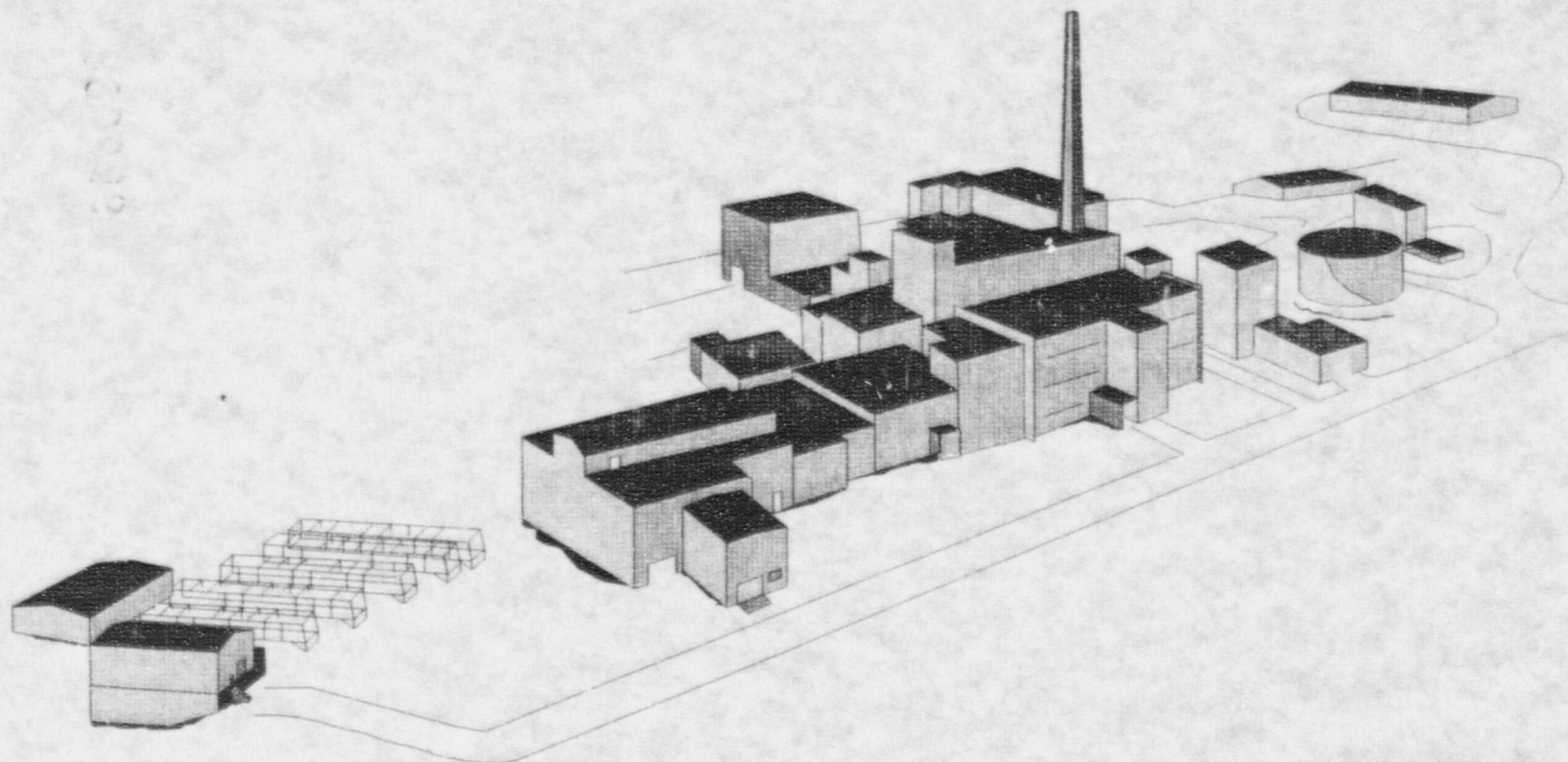
Progress Report

August 1997



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PROGRESS REPORT

Report No. 178
Reporting Period: August 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 in August, both in operations and maintenance activities. Glass production continued with one HLW transfer from the WTF to Vitrification containing 232,010 curies of Cesium & Strontium, a total of 134 canisters have been filled, and 130 completed canisters have been located in the High Level Waste Interim Storage Racks. A melter system availability of greater than 77% has been achieved as of the end of August, 1997. Due to the diligence of the maintenance, operations, and engineering departments, operational and maintenance challenges associated with the Vitrification process crane had minimal effect on the overall Vitrification schedule.

A four-hour WVDP Safety Stand-down was held on August 14, 1997. The Stand-down included a one hour presentation by an ergonomics expert and a one hour Conduct of Operations refresher session. The remaining hours were spent in department meetings covering specific safety topics and/or performing area walkthroughs to identify hazards and conduct of operations deficiencies. These activities were designed to increase safety awareness in light of a negative trend in OSHA recordable injuries.

On August 19, 1997, a briefing and vitrification facility tour was held for media to highlight completion of one year of record setting successful waste processing operations. Distinguished guest speakers included Mr. Frank Peters (DOE FM-1), Mr. William Howell (Chairman of NYSERDA), Dr. Ernest Drew (CEO of the Westinghouse Industries & Technology Group), and Congressman Amory Houghton.

The Waste Tank Farm Transition End Points (WVDP-267, 2nd Draft) was issued on August 7, 1997. This satisfies the commitment made to the DOE as a result of resolution of DOE/New York State Energy Research and Development comments on the earlier draft.

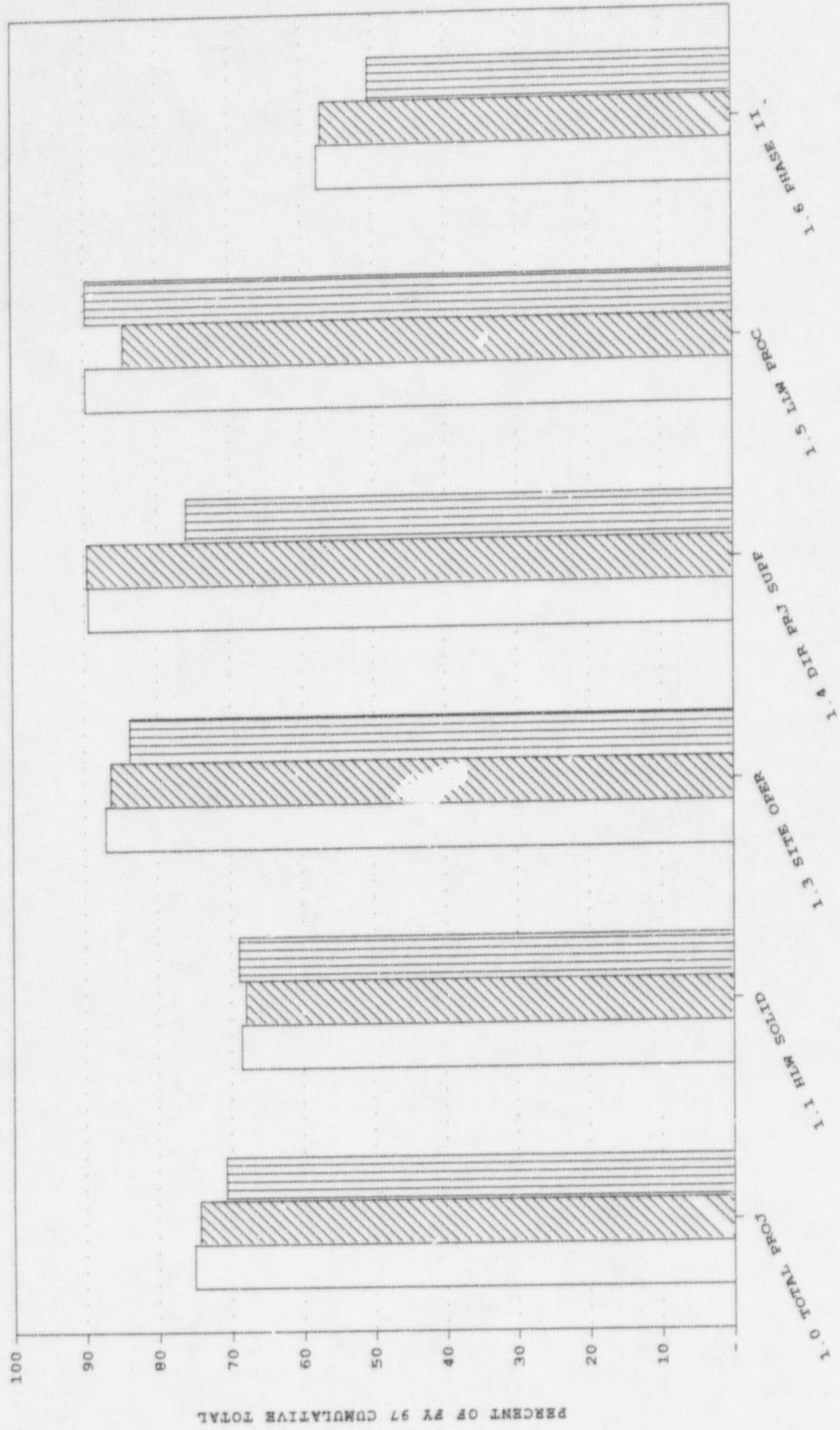
The Draft Environmental Impact Statement (DEIS) public comment period officially closed on September 22, 1996. All comments received have been made available for review in the public reading rooms. Science Application International Corporation (SAIC) is continuing the comment resolution process. In addition, 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 August.

FY 1997 SUMMARY

WBS 1.0 31-AUG-97

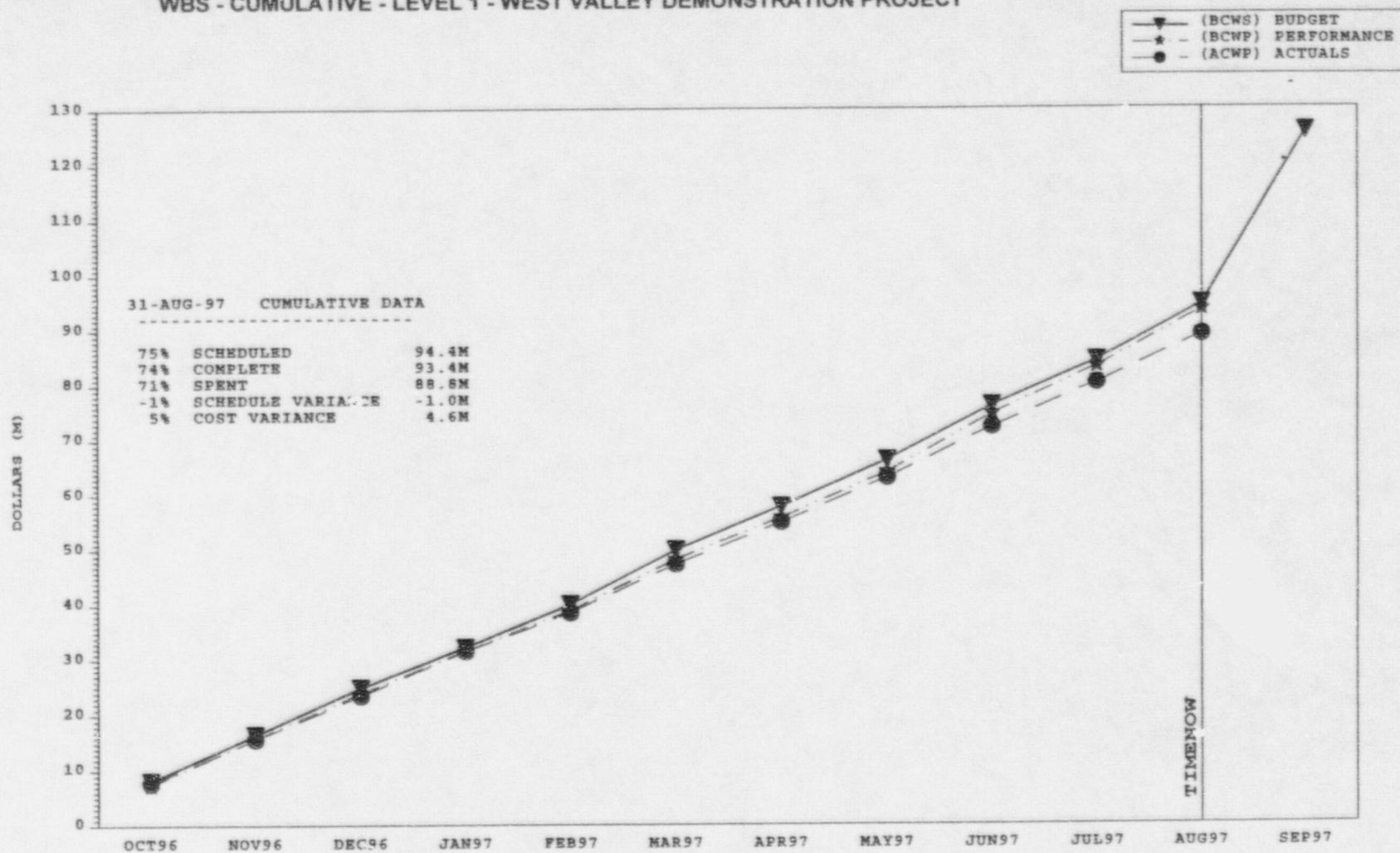


PERCENT BUDGETED	75	69	87	89	90	58
PERCENT PERFORMED	74	68	86	90	85	57
PERCENT SPENT	71	69	84	76	90	51

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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	94	126
(BCWP) PERFORMANCE	7	16	24	32	39	48	56	64	74	83	93	
(ACWP) ACTUALS	8	16	23	32	38	47	55	63	72	80	89	
(SV) SCHED VAR	-0.7	-0.7	-0.9	-0.6	-1.2	-1.7	-2.0	-2.3	-1.5	-1.1	-1.0	
(CV) COST VAR	-0.3	0.1	0.5	0.1	0.4	0.9	0.8	1.0	2.4	3.0	4.6	
(SPI) SCHED INDEX	0.91	0.96	0.96	0.98	0.97	0.97	0.97	0.97	0.98	0.99	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	1.05	

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 August	1	232,010	7	8
Total to Date	36	6,099,163	134	130

Vitrification operations continued to progress in August, both in operations and maintenance activities. Glass production continued with one HLW transfer from the WTF to Vitrification containing 232,010 curies of Cesium & Strontium, a total of 134 canisters have been filled, and 130 completed canisters have been located in the High Level Waste Interim Storage Racks. A melter system availability of greater than 77% has been achieved as of the end of August, 1997. Due to the diligence of the maintenance, operations, and engineering departments, operational and maintenance challenges associated with the Vitrification process crane had minimal effect on the overall Vitrification schedule.

Initial repair work was successfully completed on the Vit process crane on August 20, 1997. This repair work involved removing the entire basket cable assembly and replacing it with a flexible cable track assembly. Prior to the installation of the cable track assembly, gross decontamination of the crane using a new decon system was successfully completed. Contamination levels on the crane were reduced by an approximate factor of five. The decon process entailed using a combination of rinsing and high-pressure spraying with water. The process crane was returned to the Vit cell allowing resumption of melter feed.

PNNL completed the chemical and radiochemical analyses of the CFMT samples collected following the initial waste transfer. These analyses were done to establish the baseline radionuclide content of the waste. This information will be used to comply with Waste Acceptance Product Specification (WAPS) 1.2, which requires WVNS to report radionuclide content of the glass waste form. Preliminary comparison to separate analyses have been favorable.

A report on "Microbiological Influenced Corrosion (MIC) of the Tank 8D-1 External Surface" was completed on August 8, 1997. No significance MIC was detected.

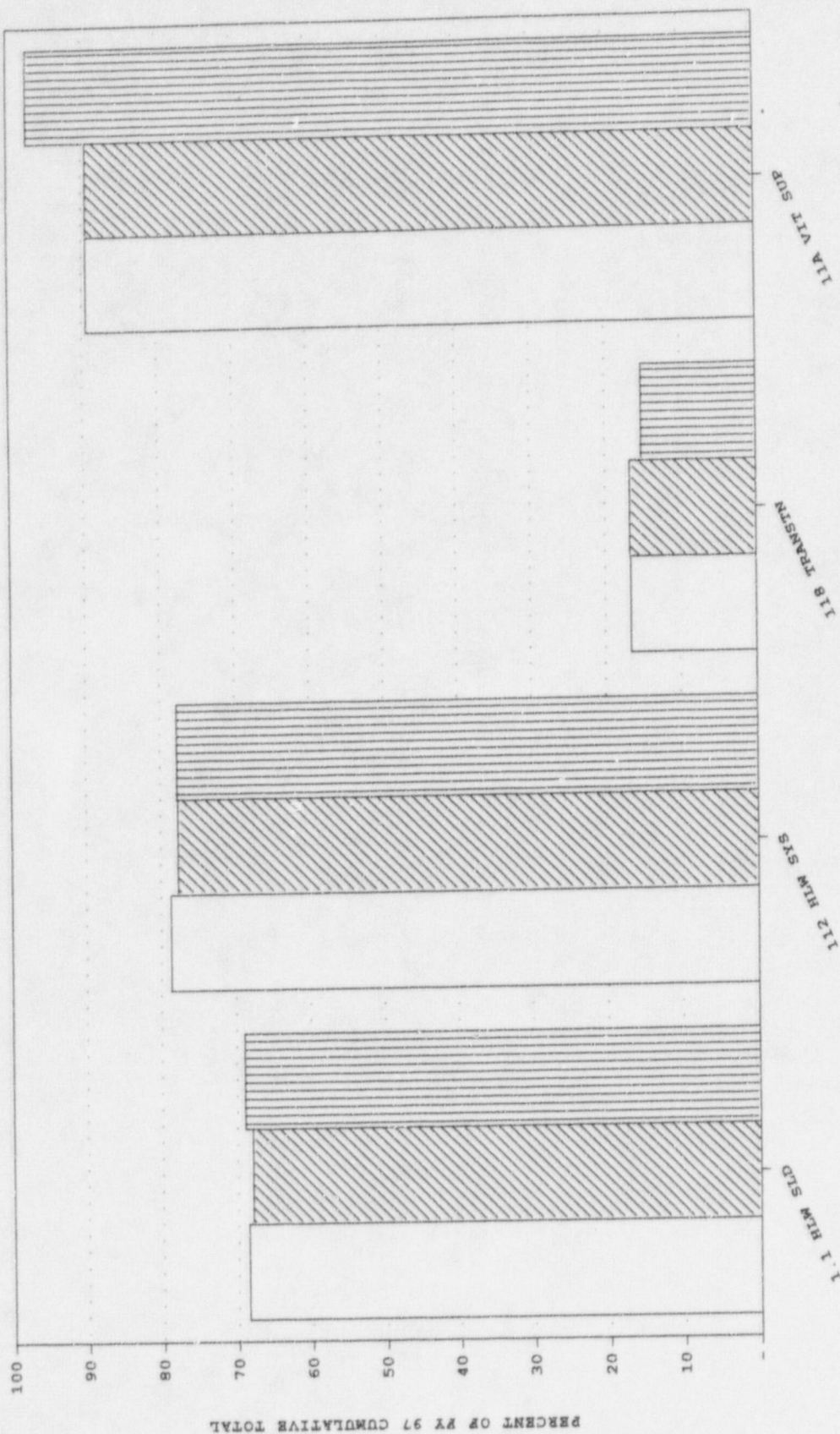
Assessment/Actions

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

The negative cost variance was reduced by \$0.40 million, resulting in a negligible cumulative cost variance of negative \$0.26 million.

FY 1997 SUMMARY

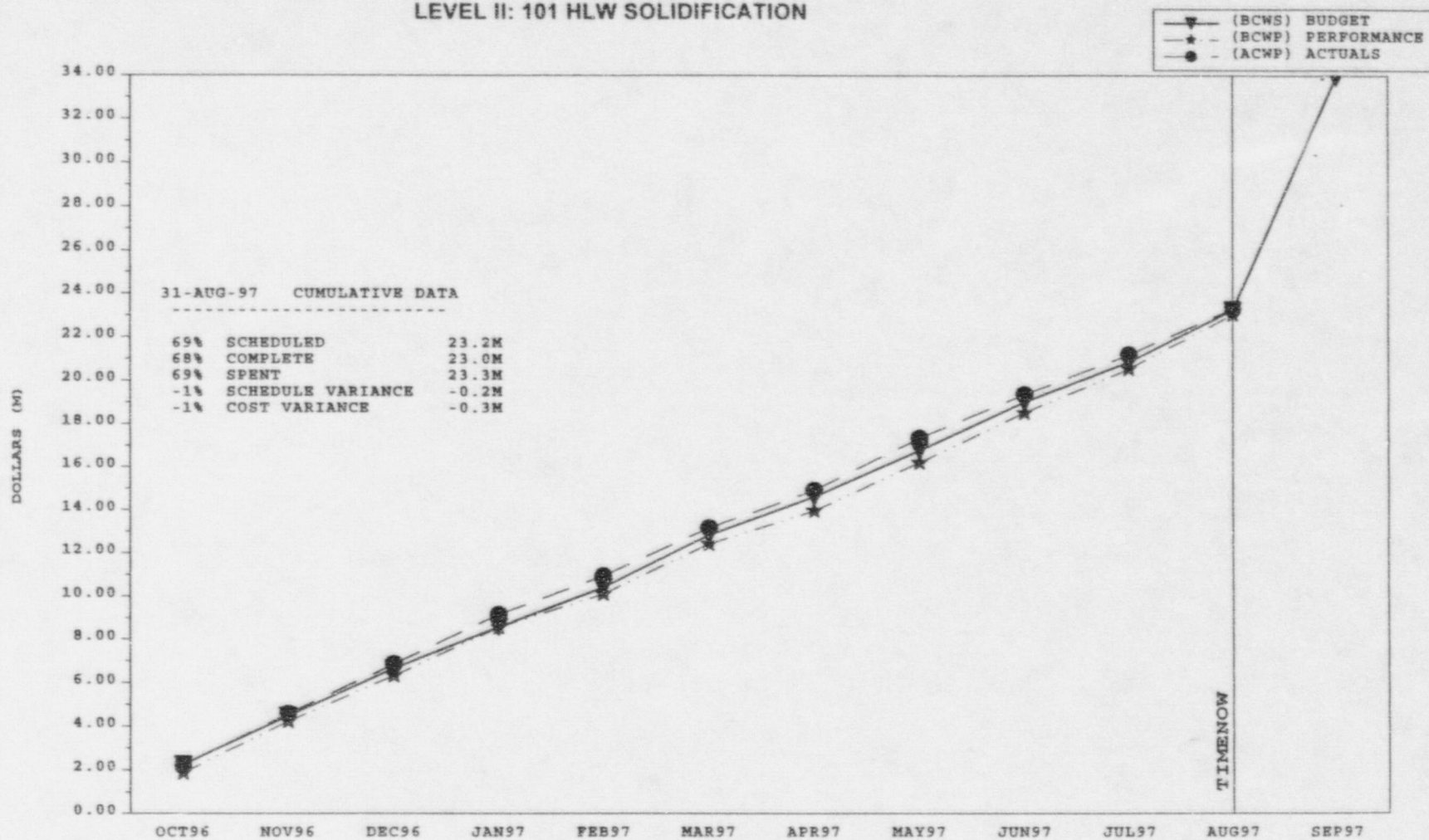
WBS 1.1 31-AUG-97



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 [] 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	23.24
(BCWP) PERFORMANCE	1.88	4.22	6.33	8.53	10.08	12.41	13.96	16.18	18.49	20.53	23.03
(ACWP) ACTUALS	2.19	4.59	6.86	9.15	10.91	13.14	14.91	17.30	19.34	21.18	23.29
(SV) SCHED VAR	-0.4	-0.3	-0.3	-0.0	-0.3	-0.4	-0.7	-0.5	-0.5	-0.3	-0.2
(CV) COST VAR	-0.3	-0.4	-0.5	-0.6	-0.8	-0.7	-1.0	-1.1	-0.8	-0.7	-0.3
(SPI)	0.84	0.94	0.95	1.00	0.97	0.97	0.96	0.97	0.97	0.98	0.99
(CPI)	0.86	0.92	0.92	0.93	0.92	0.94	0.94	0.94	0.96	0.97	0.99

NARRATIVE HIGHLIGHTS AND ASSESSMENT

1.3 Site Operations

Accomplishments/Status

In support of the scheduled maintenance at the site substation, two 12-hour power outages were performed over the weekend of August 9th and 10th. All Main Plant backup equipment and generators performed as designed. The maintenance performed involved replacing 33 insulator, six hose-type switches, along with cleaning and inspecting 20 additional insulators. Switches at the substation were serviced.

Main Plant Operations supported final dewatering verification of the 16 B-25 boxes of North Plateau spent resin. Six of the 16 boxes were shipped to SEG on August 20, 1997. The ten remaining boxes were shipped to SEG on August 27, 1997. This completes the shipping of pre October 9, 1996, North Plateau Resin.

Butler Construction has formally submitted the tank removal procedures to WVNS for the Underground Fuel Tank Replacement. An interactive review of the procedures is scheduled for early September. Field work is scheduled to begin as soon as the submittals have been approved.

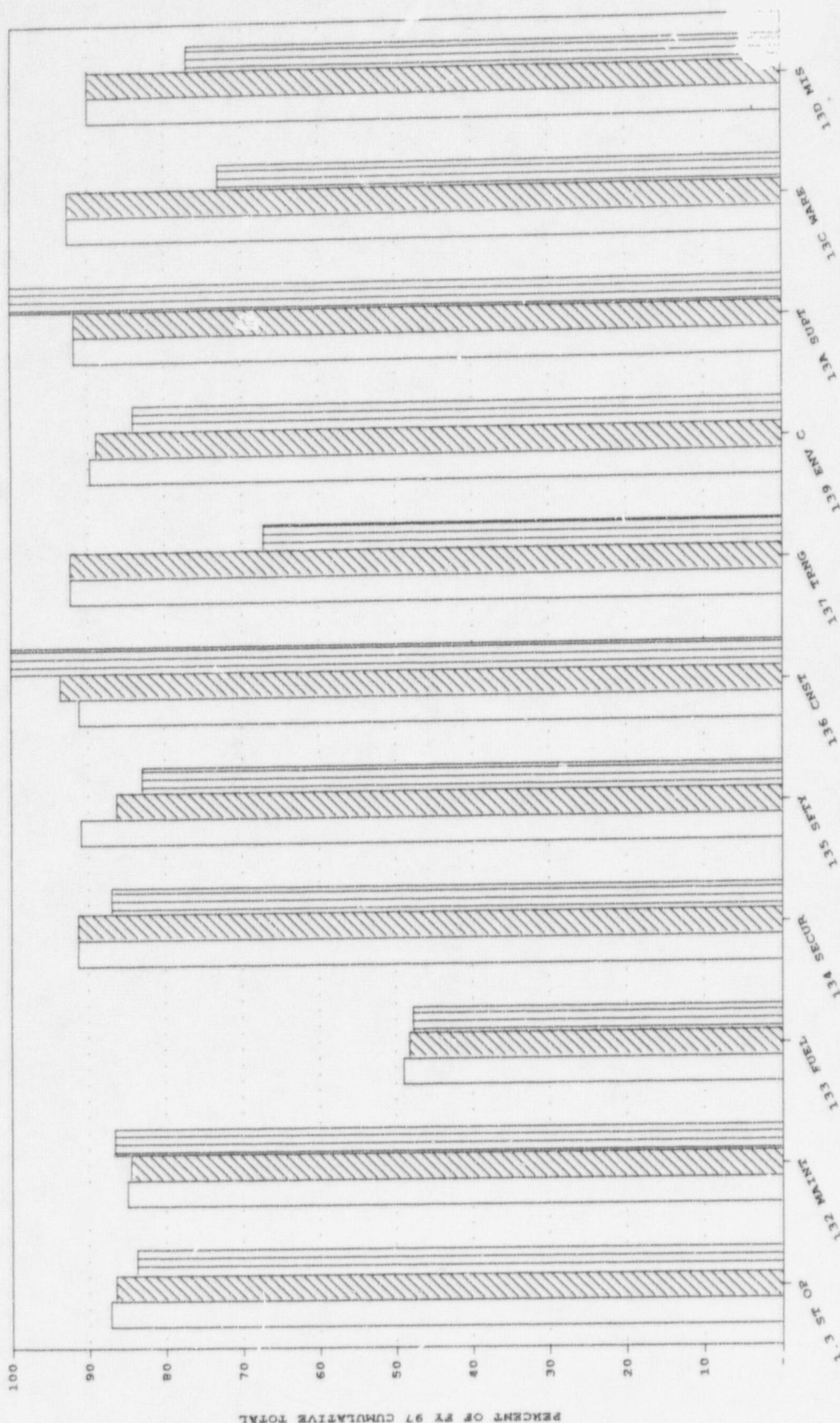
Assessment/Actions

Site Operations had no appreciable schedule variance for the month of August.

The positive cost variance increased by \$0.58 million, resulting in a negligible cumulative cost variance of positive \$0.98 million.

FY 1997 SUMMARY

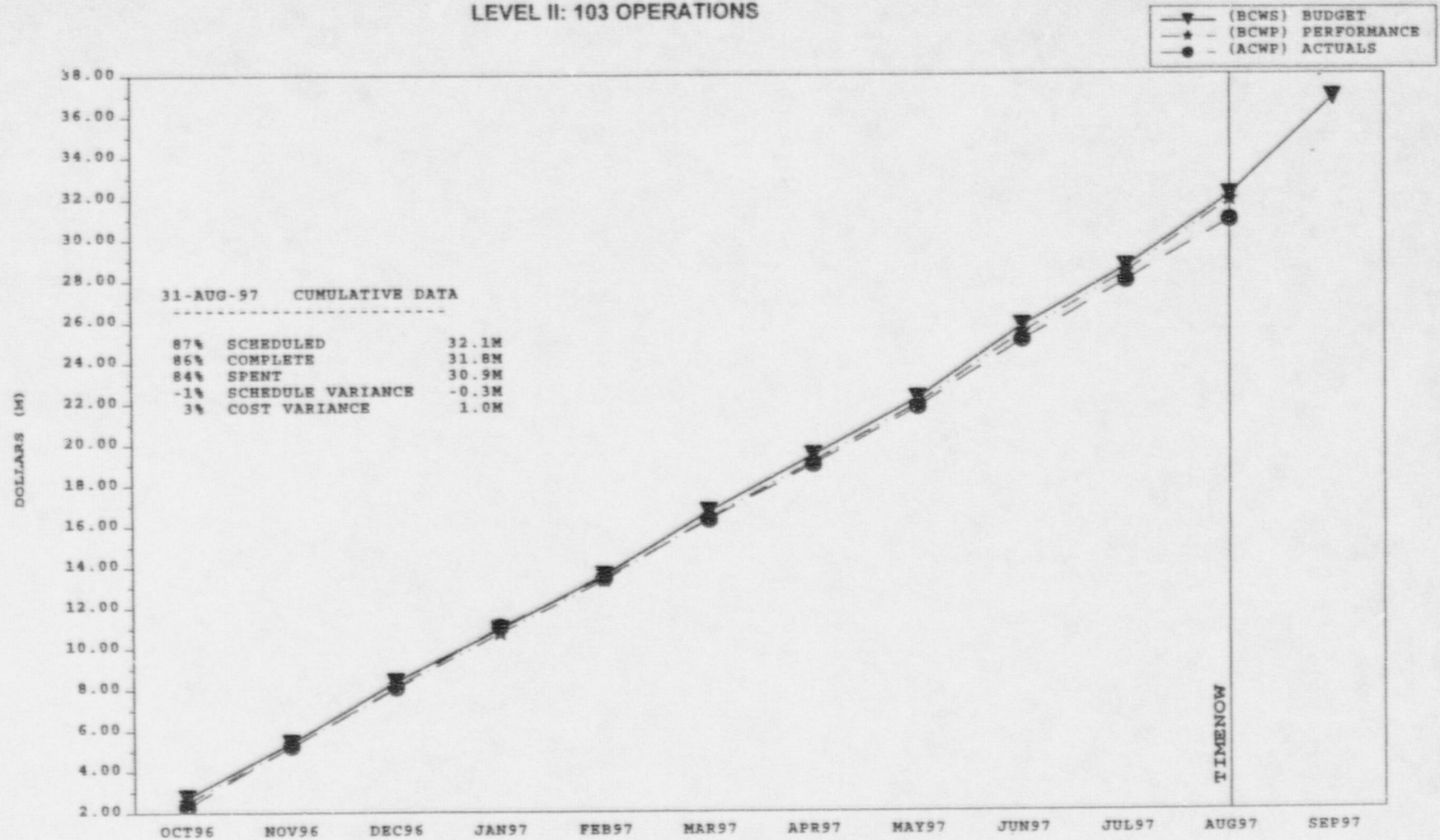
WBS 1.3 31-AUG-97



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 [//] 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	32.11	36.82
(BCWP) PERFORMANCE	2.52	5.23	8.05	10.75	13.33	16.36	19.12	21.91	25.40	28.32	31.84	
(ACWP) ACTUALS	2.27	5.26	8.08	11.05	13.44	16.26	18.98	21.77	25.02	27.92	30.86	
(SV) SCHED VAR	-0.2	-0.2	-0.3	-0.2	-0.2	-0.3	-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	1.0	
(SPI)	0.93	0.97	0.97	0.98	0.98	0.98	0.98	0.99	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	1.03	

NARRATIVE HIGHLIGHTS AND ASSESSMENT

1.4 Direct Project Support

Accomplishments/Status

On August 4 through 8, 1997, DOE Ohio Field Office conducted a security assessment of the West Valley Demonstration Project security program. The assessment identified five findings, two of which were resolved prior to the assessment closeout. Overall, the program was rated satisfactory.

A four-hour WVDP Safety Stand-down was held on August 14, 1997. The Stand-down included a one hour presentation by an ergonomics expert and a one hour Conduct of Operations refresher session. The remaining hours were spent in department meetings covering specific safety topics and/or performing area walkthroughs to identify hazards and conduct of operations deficiencies. These activities were designed to increase safety awareness in light of a negative trend in OSHA recordable injuries.

On August 19, 1997, a briefing and vitrification facility tour was held for media to highlight completion of one year of record setting successful waste processing operations. Distinguished guest speakers included Mr. Frank Peters (DOE FM-1), Mr. William Howell (Chairman of NYSERDA), Dr. Ernest Drew (CEO of the Westinghouse Industries & Technology Group), and Congressman Amory Houghton.

The 1997 WVDP ALARA (As Low As Reasonably Achievable) performance through August was 2.875 person-rem. This represents 33.3 percent of the year-to-date ALARA goal of 8.628 person-rem. There were zero reportable nasal, internal, skin, and clothing contamination events in August. Five OSHA-recordable incidents occurred during August, making the WVDP's year-to-date Total Recordable Case Rate (TRC) 4.37.

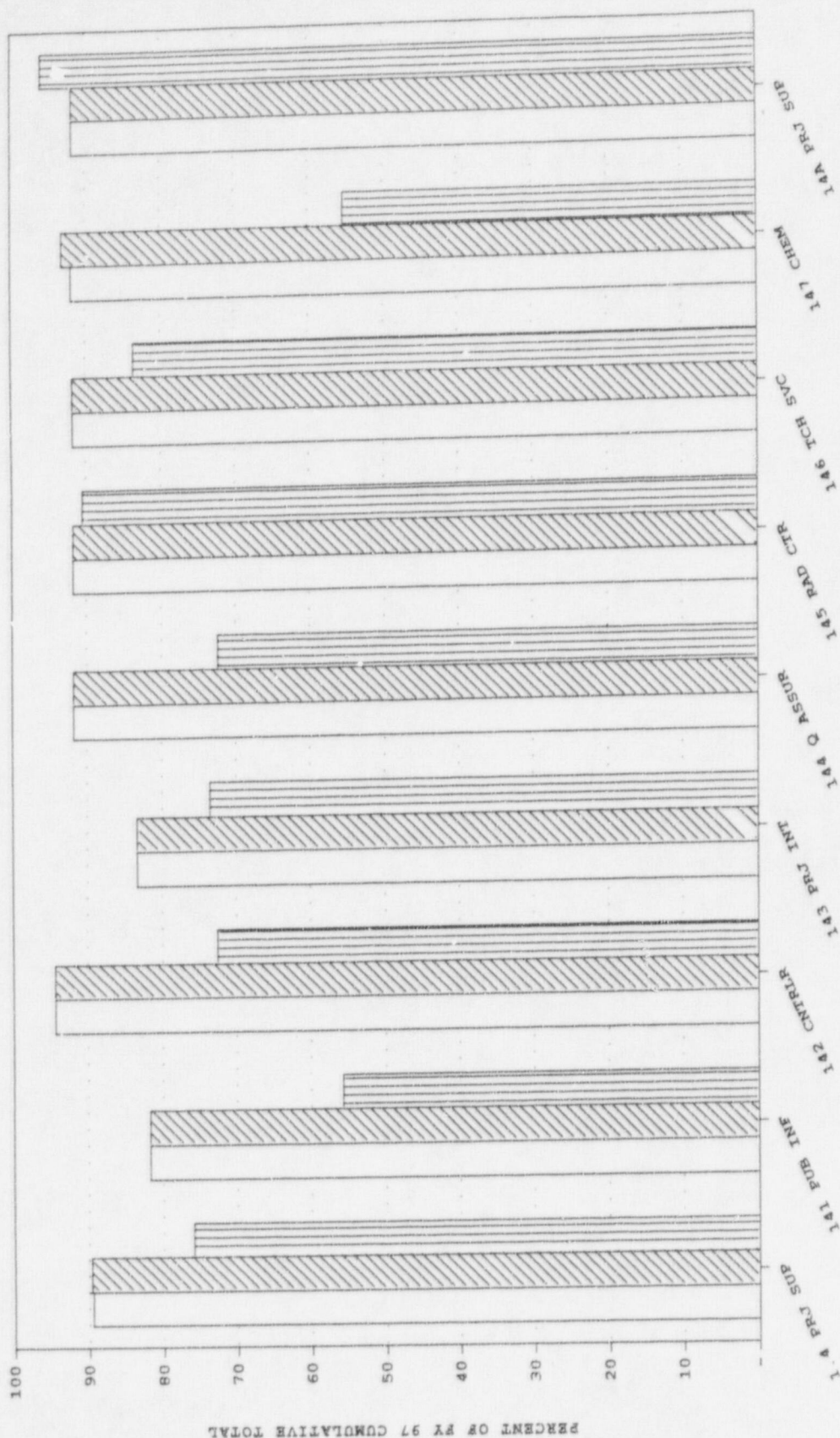
Assessment/Actions

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

The positive cost variance increased by \$0.23 million, resulting in a cumulative cost variance of positive \$2.16 million. This remains due to increased assignment of support work group labor toward vitrification operations, actual spending was less than planned for laboratory consumables/service contracts and other routine procurements throughout the Direct Project Area.

FY 1997 SUMMARY

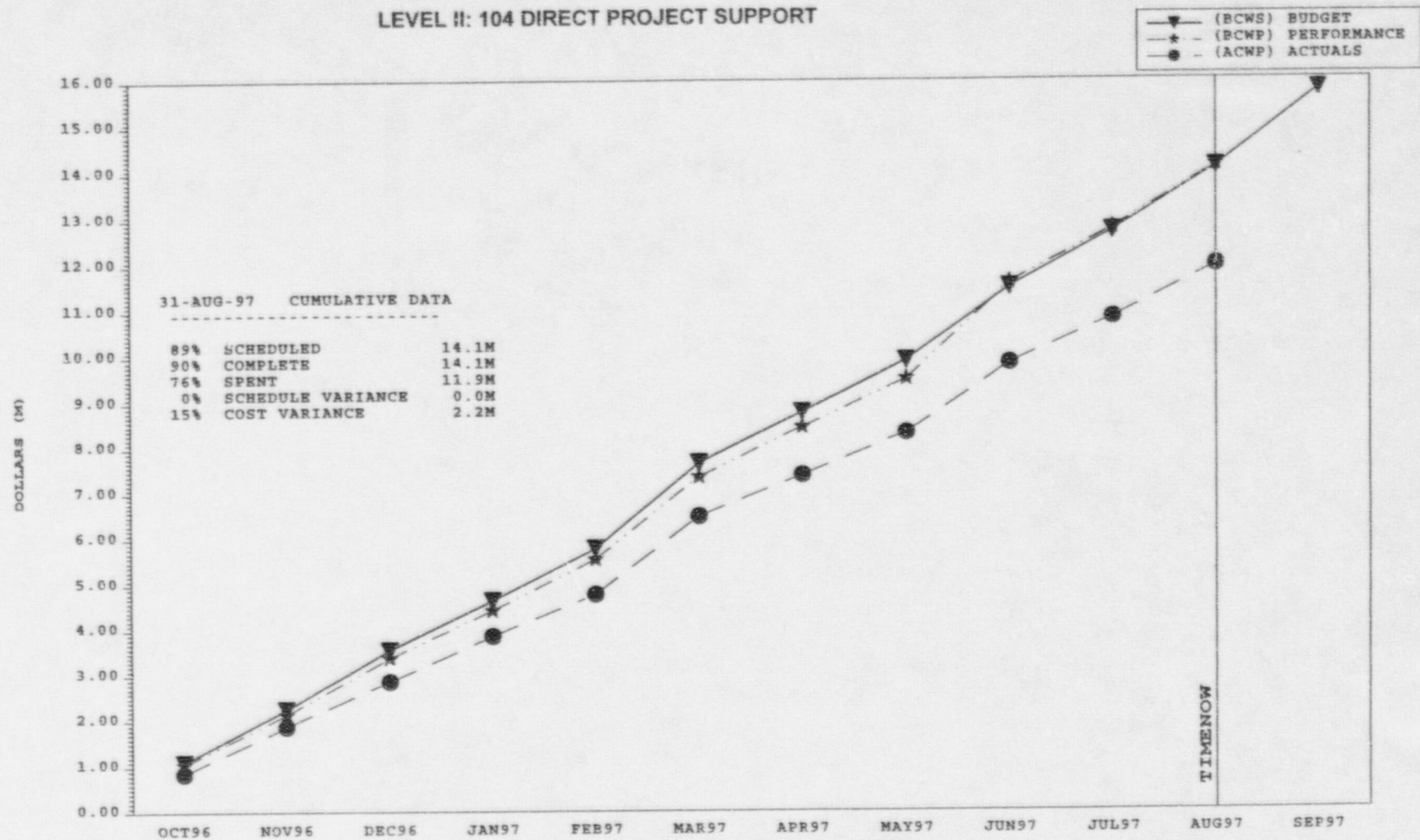
WBS 1.4 31-AUG-97



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	9.88	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	14.11	
(ACWP) ACTUALS	0.84	1.87	2.85	3.87	4.78	6.47	7.38	8.30	9.82	10.82	11.95	
(SV, SCHED VAR	-0.0	-0.1	-0.2	-0.2	-0.2	-0.3	-0.3	-0.4	0.1	0.1	0.0	
(CV) COST VAR	0.2	0.3	0.5	0.6	0.8	0.9	1.0	1.2	1.6	1.9	2.2	
(SPI)	0.96	0.95	0.95	0.95	0.96	0.96	0.96	0.96	1.01	1.01	1.00	
(CPI)	1.25	1.14	1.18	1.15	1.16	1.14	1.14	1.14	1.14	1.18	1.18	

NARRATIVE HIGHLIGHTS AND ASSESSMENT

1.5 Low-Level Waste/TRU Waste Handling

Accomplishments/Status

The Contract Milestone C-11, "Low-Level Waste (LLW) Inventory", was completed and the closure letter transmitted to DOE on August 28, 1997. This milestone involved reducing the number of LLW containers in the LAG Storage facilities, utilizing the most cost effective means to achieve an overall volume reduction in storage space of 10,000 cubic feet, of which 4,000 cubic feet was resin. In total, more than 12,000 cubic feet of space savings were achieved in the fiscal year.

Final prices for the process equipment for the Low-Level Waste Treatment Facility (LLWTF) building have been received from the bidders, and Quality Assurance has scheduled an inspection of facilities for September 3, 1997. The sub-contractor for the building and foundation completed placing the footers and the grade beams, essentially completing the foundation. Specifications for the floor slab are in circulation for approval. Engineering is continuing preparation of designs for additional portions of the project.

The Container Sorting and Packaging Facility sorted 978 containers from January 1, 1997 through the end of August, and a total of 2,161 containers to date.

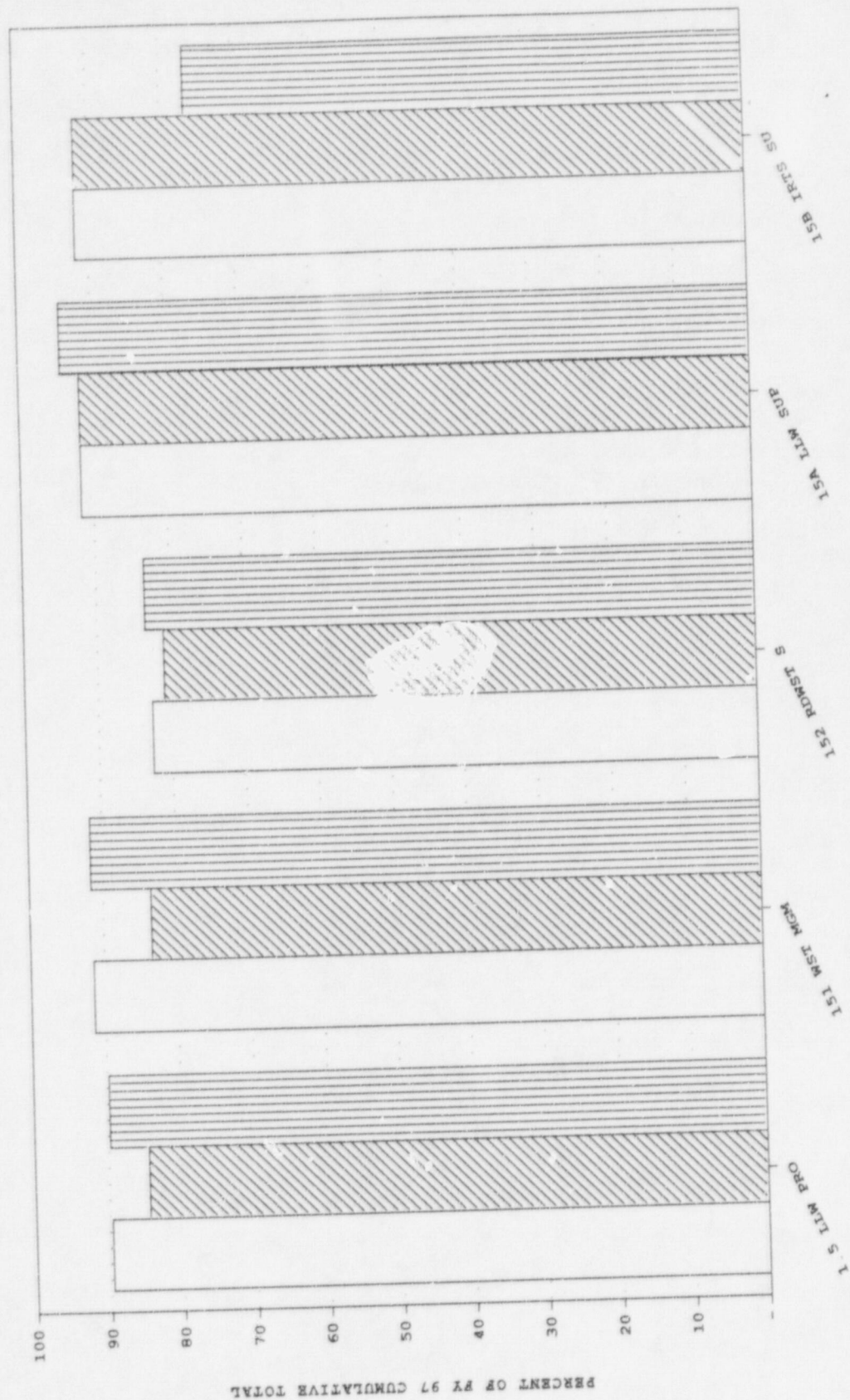
The hazardous waste inventory at the end of August was 727 kilograms (kg), the industrial waste inventory was 17,917 kg, and recyclable materials totaled 1,149 kg.

Assessment/Actions

Low-Level Waste and TRU Waste had no appreciable schedule or cost variance for the month of August. The cumulative schedule and cost variances are negligible, both in the amounts of \$0.35 million.

FY 1997 SUMMARY

WBS 1.5 31-AUG-97

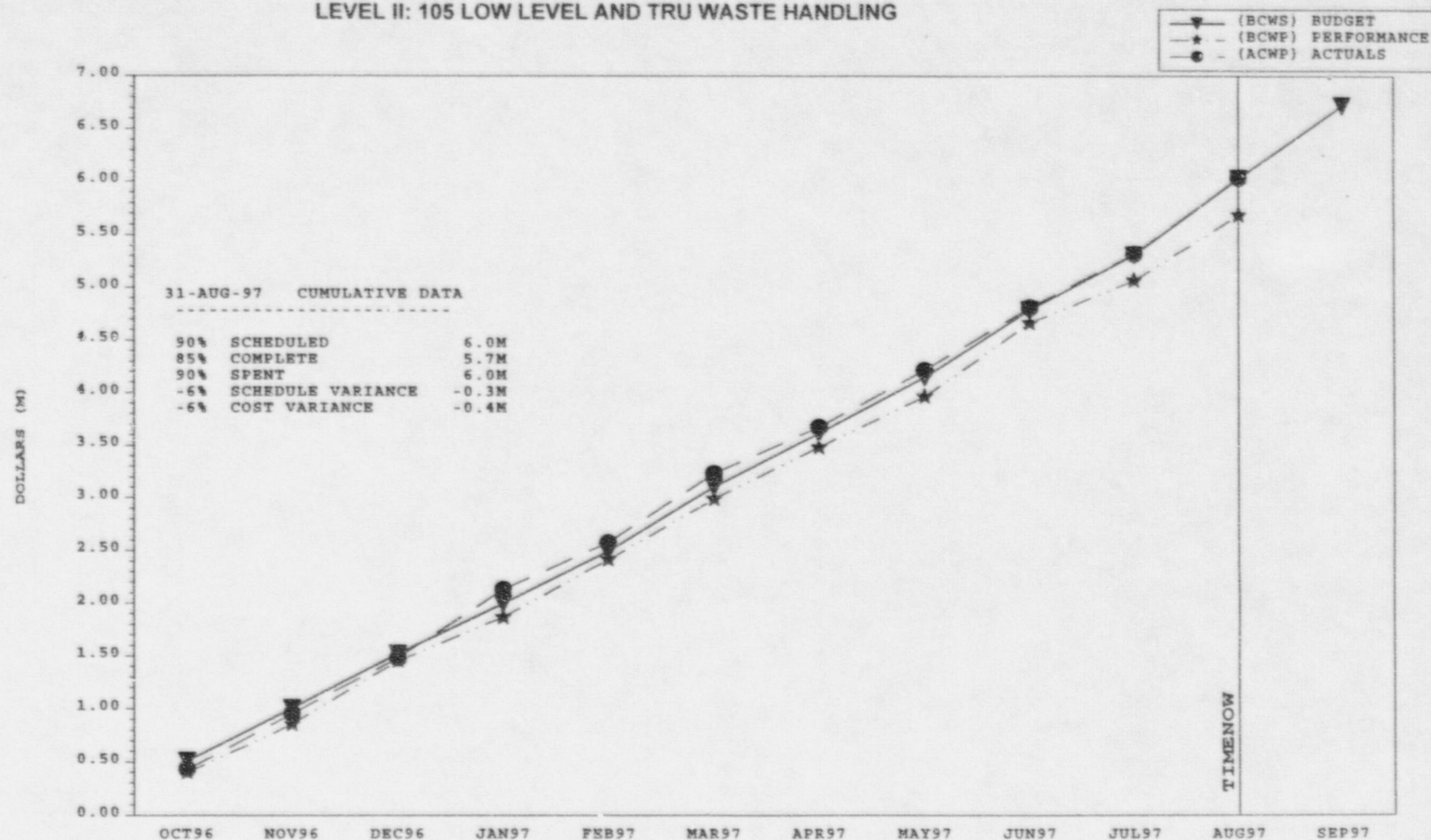


PERCENT BUDGETED	90	91	83	92	92
PERCENT PERFORMED	85	84	81	92	92
PERCENT SPENT	90	92	83	94	77

[] 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: 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	5.68	
(ACWP) ACTUALS	0.43	0.95	1.48	2.13	2.57	3.23	3.67	4.21	4.80	5.31	6.03	
(SV) SCHED VAR	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.2	-0.1	-0.2	-0.3	
(CV) COST VAR	-0.0	-0.1	-0.0	-0.3	-0.2	-0.2	-0.2	-0.3	-0.1	-0.3	-0.4	
(SPI)	0.79	0.85	0.96	0.94	0.97	0.96	0.96	0.96	0.98	0.96	0.94	
(CPI)	0.93	0.90	0.98	0.88	0.94	0.93	0.95	0.94	0.97	0.95	0.94	

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 (NYSERDA).

The Waste Tank Farm Transition End Points (WVDP-267, 2nd Draft) was issued on August 7, 1997. This satisfies the commitment made to the DOE as a result of resolution of DOE/NYSERDA comments on the earlier draft.

A prototype mathematical model for the decision analysis task was presented by Dr. Perdue of Westinghouse Science and Technology Center. Application of a decision analysis model for the tank farm was demonstrated using the influence diagram and the modules for technology, time, and cost developed earlier. Information gathering from local experts is continuing to refine the model and the assumptions to be used in the model. This work is in support of the technical and economic feasibility based tank farm transition end points.

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 August. Topics for discussion at the August 6, 1997 meeting included general overview of the facilities located in Waste Management Area (WMA) 3 (Tank Farm and Vitrification Facility) and a review of the analyses presented in the Draft Environmental Impact Statement (DEIS). The August 19, 1997, meeting included general overviews and presentation of DEIS analyses of WMAs 2, 6, 10, 11, and 12 (WMA 2, Process Building; WMAs 6, 10, 11, and 12, central project premises and remaining areas not included in WMAs).

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. A quarterly progress/status meeting with the regulators will be held on October 1, 1997.

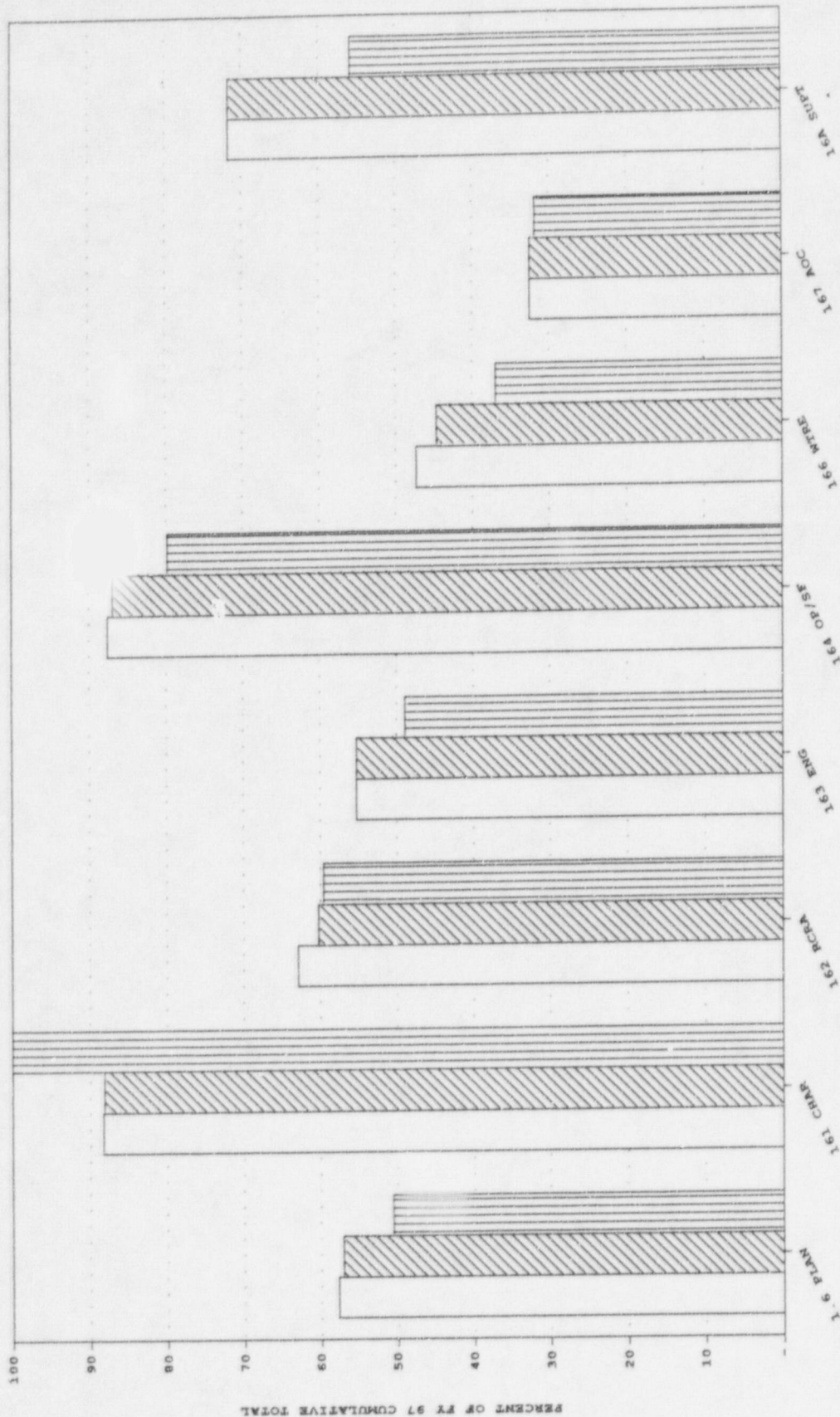
Assessment/Actions

Phase II had no appreciable schedule variance for the month of August.

The positive cost variance increased by \$0.53 million, resulting in a cumulative cost variance of positive \$2.07 million. This remains due primarily to assignment of planned labor resources toward vitrification operations.

FY 1997 SUMMARY

WBS 1.6 31-AUG-97

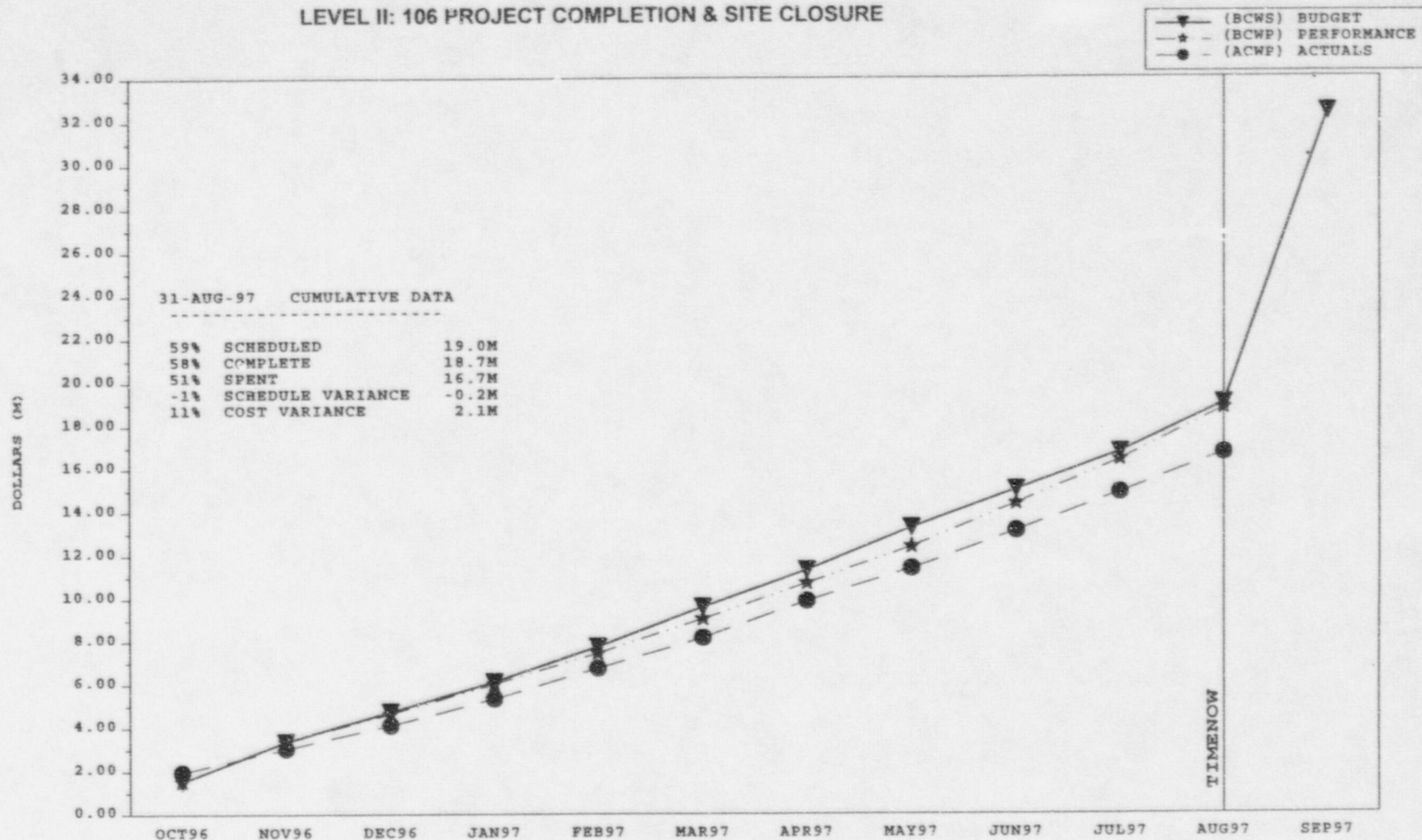


PERCENT BUDGETED	58	88	63	55	88	47	32	72
PERCENT PERFORMED	57	88	60	55	87	45	32	72
PERCENT SPENT	51	119	60	49	80	37	32	56

[Solid Bar] PERCENT BUDGETED - CUM BUDGET TO DATE/TOTAL 97 BUDGET
 [Hatched Bar] PERCENT PERFORMED - CUM PERFORM TO DATE/TOTAL 97 BUDGET
 [Striped Bar] PERCENT SPENT - CUM ACTUALS 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	18.96	32.39
(BCWP) PERFORMANCE	1.52	3.36	4.66	6.03	7.47	9.05	10.68	12.38	14.36	16.39	18.75	
(ACWP) ACTUALS	1.94	3.04	4.13	5.36	6.77	8.16	9.87	11.38	13.11	14.85	16.68	
(SV) SCHED VAR	-0.0	-0.0	-0.1	-0.1	-0.3	-0.5	-0.6	-0.9	-0.6	-0.4	-0.2	
(CV) COST VAR	-0.4	0.3	0.5	0.7	0.7	0.9	0.8	1.0	1.3	1.5	2.1	
(SPI)	1.00	1.00	0.98	0.99	0.96	0.94	0.95	0.93	0.96	0.98	0.99	
(CPI)	0.78	1.10	1.13	1.13	1.10	1.11	1.0	0.99	1.10	1.10	1.12	

ADMINISTRATIVE

Project personnel as of August 31, 1997:

	<u>Mgt</u>	<u>Prof</u>	<u>NE</u>	<u>Hourly</u>	<u>Total</u>
WVNS On Board ¹	110	357	20	178	853
Contract Guard	0	0	0	25	25
Dames and Moore ²	4	16	0	0	20
Project Total:	114	373	208	203	898

EEO Statistics:

	<u>Mgt</u>	<u>Prof</u>	<u>NE</u>	<u>Hourly</u>	<u>Total</u>
Minority (Included in WVNS Total)	12	48	11	15	86
Female (Included in WVNS Total)	17	73	127	27	244

¹ On Board total excludes 10 casuals

² 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

FORMAT 1 PROGRESS REPORT (1)

AUG-97

WBS ITEM	CURRENT PERIOD					PROJECT CUM-TO-DATE					-PROJECT- BAC
	BCWS SCHED	BCWP COMPLETE	ACWP SPENT	SV SCHED VARIANCE	CV COST	BCWS SCHED	BCWP COMPLETE	ACWP SPENT	SV SCHED VARIANCE	CV COST	
101 HLW SOLIDIFICATION	2381	2503	2100	122	402	419823	419616	419871	(207)	(255)	451022
102 D & D	0	0	0	0	0	22617	22617	22617	0	0	22617
103 OPERATIONS	3513	3522	2941	9	581	314655	314394	313410	(262)	984	345405
104 DIRECT PROJECT SUPPORT	1392	1358	1130	(33)	229	160215	160243	158083	28	2160	175022
105 LOW-LEVEL WST HANDLING	723	616	715	(107)	(99)	188426	188079	188429	(348)	(350)	196229
106 STABILIZA & PROJ COMPL	2212	2355	1827	143	528	77202	76993	74923	(209)	2070	121600
ESCALATION	0	0	0	0	0	0	0	0	0	0	3973
PMB	10221	10354	8713	133	1641	1182939	1181942	1177333	(997)	4609	1315868
WVNS MR	0	0	0	0	0	0	0	0	0	0	2819
STABILIZATION SHORTFALL	0	0	0	0	0	0	0	0	0	0	0
CBB	10221	10354	8713	133	1641	1182939	1181942	1177333	(997)	4609	1318687
FEE	1394	1394	1394	0	0	81350	81350	81350	0	0	90257
SDA FOR EIS	0	0	0	0	0	490	490	490	0	0	491
TOTAL	11615	11749	10107	133	1641	1264779	1263782	1259174	(997)	4609	1409434
DEOB PNNL+RW	166	166	166	0	0	35906	35906	35906	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)	174	174	174	0	0	4988	4988	4988	0	0	4988
DEOB SAVANNAH RIVER	0	0	0	0	0	1439	1439	1439	0	0	4211
DEOB ARGONNE	0	0	0	0	0	909	909	909	0	0	1353
DOE EXPENSE	343	343	343	0	0	12364	12364	12364	0	0	17337
DOE MR	0	0	0	0	0	0	0	0	0	0	1955
NON-PROJECT	(66)	(75)	(52)	(9)	(23)	(15095)	(14977)	(14918)	118	(59)	(17749)
NYS CREDIT	125	125	125	0	0	33914	33914	33914	(0)	0	33370
RELOCATION	0	0	0	0	0	1179	1179	1179	0	0	1179
TOTAL THRU PHASE I	12358	12482	10864	124	1618	1356979	1356099	1351550	(879)	4550	1510822
NON-PH I ADJ (2)	(2386)	(2529)	(2001)	(143)	(528)	(83813)	(83605)	(81535)	209	(2070)	(135269)
TOTAL TPCE PHASE I	9972	9953	8863	(18)	1090	1273165	1272495	1270015	(671)	2480	1375552

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	32,394	30,961	121,600
ESCALATION	0	0	3,973	3,973
PMB LINE	1,088,532	125,576	101,760	1,315,868
WVNS MGMT RESERVE	0	1,367	1,451	2,819
STABILIZATION SHORTFALL	0	0	0	0
CONTRACT BUDGET BASE	1,088,532	126,943	103,211	1,318,687
FEE	71,917	11,086	7,253	90,257
SDA ACTIVITIES FOR EIS	490	1	0	491
WVNS TOTAL	1,160,939	138,030	110,465	1,409,434
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	1,904	0	4,988
DEOB SAVANNAH RIVER	1,439	2,772	0	4,211
DEOB ARGONNE NAT LAB	1,351	2	0	1,353
DOE EXPENSE	11,854	2,540	2,943	17,337
DOE MGMT RESERVE	0	114	1,841	1,955
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	148,771	117,500	1,510,822
TPCE THRU PHASE I (BASE 97)	1,244,550	148,771	113,527	1,506,848
NON-PHASE I ADJ (YOE)	-63,496	-39,728	-32,045	-135,269
TOTAL PHASE I TPCE (YOE)	1,181,054	109,043	85,455	1,375,553
TOTAL PHASE I (BASE 97)	1,181,054	109,043	81,481	1,371,579

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	455	0	4,120
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	130,366	117,500	1,510,822
NON-PHASE I ADJ (YOE)	-69,083	-34,141	-32,045	-135,269
PHASE I (\$ YOE)	1,193,873	96,225	85,455	1,375,553

COST PERFORMANCE REPORT - ORGANIZATION BREAKDOWN STRUCTURE

AUG-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	1029	1101	1213	73	(112)	235044	234987	235502	(57)	(514)	247777
PROJECT MANAGEMENT	476	476	303	(0)	173	9586	9586	8613	0	973	13591
HLW OPERATIONS	1647	1772	1522	125	250	50683	50448	50547	(235)	(99)	71315
SITE OPERATIONS	1616	1584	1461	(32)	123	195901	195309	197276	(593)	(1967)	210257
ENGINEERING	1440	1452	1121	12	331	152674	152647	151741	(27)	905	180291
SITE SERVICES & SUPPORT	830	797	782	(34)	14	277824	277840	278384	15	(544)	287097
SAFETY, ENVIRON & HEALTH	1404	1459	1481	56	(22)	146336	146325	148084	(12)	(1759)	162421
PROCUR & PROG ANALY	1356	1289	484	(66)	806	78671	78583	71613	(88)	6969	96670
HR/TRAINING/SECUR	424	424	346	0	77	36219	36219	35574	0	645	40987
ESCALATION	0	0	0	0	0	0	0	0	0	0	3973
PMB	10221	10354	8713	133	1641	1182939	1181942	1177333	(997)	4609	1315868
WVNS MR	0	0	0	0	0	0	0	0	0	0	2819
STABILIZATION SHORTFALL	0	0	0	0	0	0	0	0	0	0	0
CBB	10221	10354	8713	133	1641	1182939	1181942	1177333	(997)	4609	1318687
FEE	1394	1394	1394	0	0	81350	81350	81350	0	0	90257
SDA ACTIVITIES FOR EIS	0	0	0	0	0	490	490	490	0	0	491
TOTAL	11615	11749	10107	133	1641	1264779	1263782	1259174	(997)	4609	1409434
DEOB PNNL+RW	166	166	166	0	0	35906	35906	35906	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)	174	174	174	0	0	4988	4988	4988	0	0	4988
DEOB SAVANNAH RIVER	0	0	0	0	0	1439	1439	1439	0	0	4211
DEOB ARGONNE	0	0	0	0	0	909	909	909	0	0	1353
DOE EXPENSE	343	343	343	0	0	12364	12364	12364	0	0	17337
DOE MR	0	0	0	0	0	0	0	0	0	0	1955
NON-PROJECT	(66)	(75)	(52)	(9)	(23)	(15095)	(14977)	(14918)	118	(59)	(17749)
NYS CREDIT	125	125	125	0	0	33914	33914	33914	(0)	0	33370
RELOCATION	0	0	0	0	0	1179	1179	1179	0	0	1179
TOTAL THRU PHASE I	12358	12482	10864	124	1618	1356979	1356099	1351550	(879)	4550	1510822
NON-PH I ADJ (2)	(2386)	(2529)	(2001)	(143)	(528)	(83813)	(83605)	(81535)	209	(2070)	(135269)
TOTAL TPCE PHASE I	9972	9953	8863	(18)	1090	1273165	1272495	1270015	(671)	2480	1375552

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

* * * 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:			2.07	1.45	3.52
.....
CBBCR 97098	TRANS .5M FROM 106610908 (SLUDGE PROC); .5M FROM 106220903 (INT COLL/TRMT); .7M FROM WVNS MR TO DOE MR & 2.7M FROM DOE MR TO SAV RIVER FOR MODS NECESSARY AT THE DWPF CANISTER STORAGE FAC (CSF) TO SUPPORT RECEIPT & STAGING OF THE WVDP HLW CAN	AUG-97		-0.70		-0.70
ENDING BALANCE: AUGUST	31, 1997			1.37	1.45	2.82
107650 - DOE MR	BEGINNING BALANCE:			1.11	1.84	2.96
.....
CBBCN 97099	TRANS 200K FROM PP 106100906 (EIS COMMENT RESOLUTION/ENV SUPPORT), 66K FROM PP 106510922 (LSA3 REPLACEMENT) & 127K FROM 106610927 (SOIL SAMPLING) TO DOE MR FOR DEOB CONSISTENT WITH FUNDING SENT TO SAIC (353K) AND THE US ARMY CORPS OF ENGRS	AUG-97				
CBBCR 97098	TRANS .5M FROM 106610908 (SLUDGE PROC); .5M FROM 106220903 (INT COLL/TRMT); .7M FROM WVNS MR TO DOE MR & 2.7M FROM DOE MR TO SAV RIVER FOR MODS NECESSARY AT THE DWPF CANISTER STORAGE FAC (CSF) TO SUPPORT RECEIPT & STAGING OF THE WVDP HLW CAN	AUG-97		-1.00		-1.00
ENDING BALANCE: AUGUST	31, 1997			0.11	1.84	1.96

COST PERFORMANCE REPORT - PROBLEM ANALYSIS - ESTIMATE AT COMPLETION

FORMAT 5

CONTRACTOR:	CONTRACT TYPE/NUMBER	PROJECT NAME/NUMBER	REPORT PERIOD
WEST VALLEY NUCLEAR SERVICES CO., INC.	CPAF	WEST VALLEY DEMONSTRATION PROJECT	AUGUST
LOCATION:	DE-AC24-81NE44139	(WVDP)	FY-1997
P.O. BOX 191			
WEST VALLEY, NEW YORK 14171-0191			

DOLLARS IN THOUSANDS

WBS	AUG. BAC	AUG. EAC	AUG. 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	121,600	121,600	0	0	0	
	-----	-----	-----	-----	-----	
	1,311,895	1,311,895	0	0	0	

NOTE: ALL DATA IS IN FY1997 DOLLARS

COST PERFORMANCE REPORT - PROBLEM ANALYSIS - ESTIMATE AT COMPLETION

FORMAT 5

CONTRACTOR:	CONTRACT TYPE/NUMBER	PROJECT NAME/NUMBER	REPORT PERIOD
WEST VALLEY NUCLEAR SERVICES CO., INC.	CPAF	WEST VALLEY DEMONSTRATION PROJECT	AUGUST
LOCATION:	DE-AC24-81NE44139	(WVDP)	FY-1997
P.O. BOX 191			
WEST VALLEY, NEW YORK 14171-0191			

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

Reporting Period:
August 1997

Dollars expressed in thousands.

Contract Number: DE-AC24-81NE44139

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	29,515	30,092	28,097	13,697	16,395	18,701
103 Site Operations	3,405	33,160	36,565	31,567	30,257	6,308	28,458
104 Direct Project Support	28	16,535	16,563	15,741	11,947	4,616	14,079
105 Radwaste Treatment System	267	7,059	7,326	6,720	6,030	1,296	6,028
106 Phase II	9,793	29,816	39,609	28,384	16,429	23,180	15,908
Contingencies and Reserves	0	0	0	3,148	0	0	0
FEE (WH+DB)	0	0	0	11,086	8,522	0	8,522
SUBTOTAL DOE YA FUNDING	14,071	116,085	130,156	124,743	86,882	51,795	91,696
Other Ohio Office Obligations	288	0	288	0	448	(160)	448
TOTAL OHIO OFFICE	14,359 *	116,085 *	130,444	124,743	87,330	51,635	92,144
TOTAL DOE OBLIGATIONS ***	1,548	835	2,383	7,387	1,743	640	1,743
EX33 PROJECT OBLIGATED FUNDS	15,907	116,920	132,827	132,130	89,073	52,275	93,887
Unobligated Funds:	0	0	0	0	0	0	0
TOTAL EX33 PROJECT FUNDING FY97:	15,907	116,920	132,827	132,130	89,073	52,275	93,887
NYSERDA NE Project (SDA Share)	0	0	0	1	0	0	0
NYSERDA NE Proj. (EIS Share) + Fee	0	422	422	422	273	149	273
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	550	50	550
NYSERDA NY Non-Project + Fee	0	0	0	0	31	0	31
TOTAL WVNS PROJECT:	17,674	130,334	148,008	147,312	100,254	55,574	105,068
Non-Project Funding:							
Fuel Shipout (WB/WD)	819	445	1,264	1,264	603	661	603
Non-Project Fee	44	46	90	90	62	0	62
TOTAL WVDP:	18,537	130,825	149,362	148,666	100,919	56,235	105,733

* Data reflects August 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.

WEST VALLEY DEMONSTRATION PROJECT FINANCIAL REPORT
FISCAL YEAR 1997
DOE Obligations Breakout

Contract Number: DE-AC24-81NE44139

Dollars expressed in thousands.

Reporting Period:
August 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	2,744	1,167	377	1,167
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	570	50	570
DOE Obligation: Idaho	84	0	84	0	16	68	16
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	7,387	1,743	640	1,743

* Data reflects August 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.

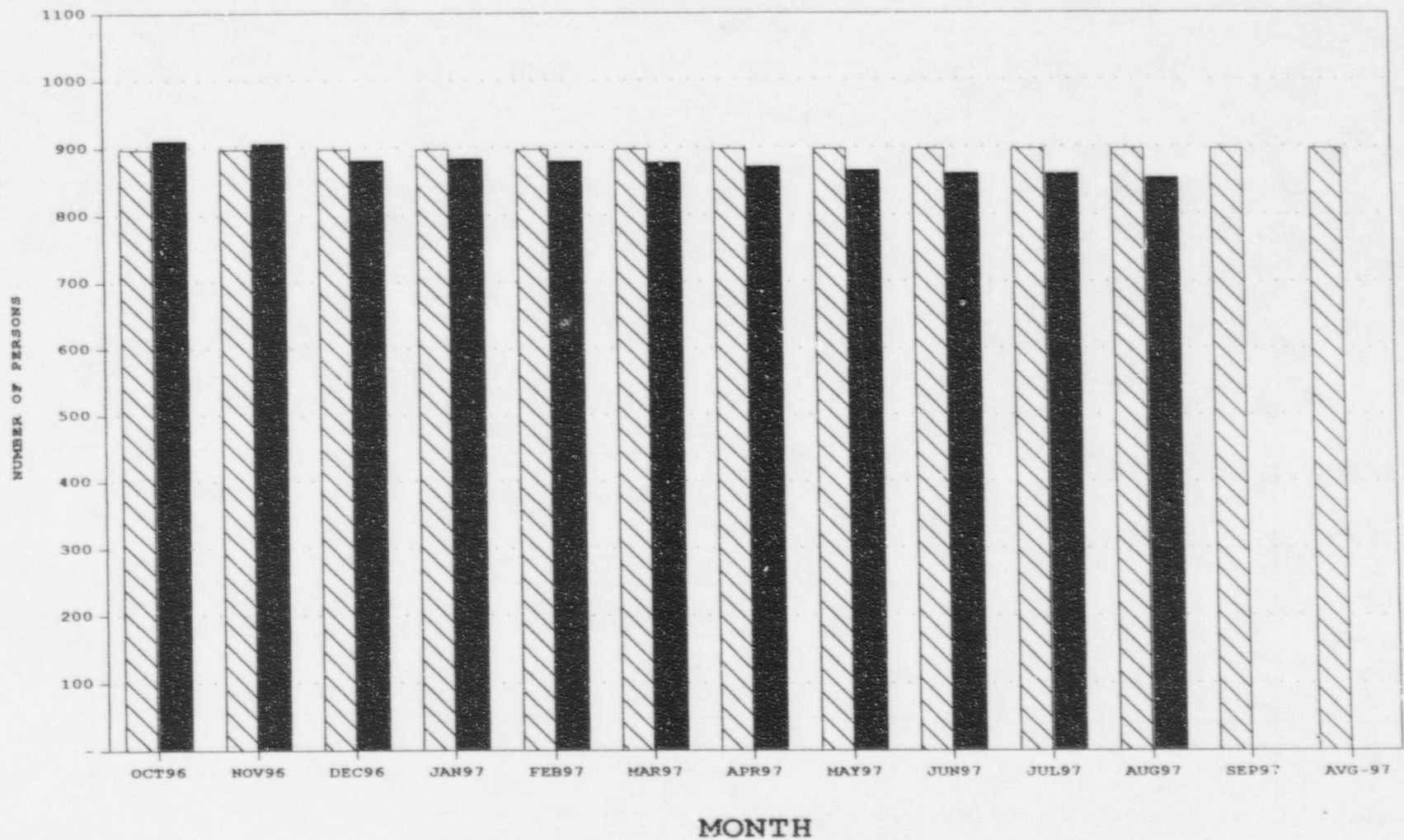
DRAFT West Valley Demonstration Project Milestone Listing						
CONTROL LEVEL				MILESTONE DESCRIPTION	DATE	STATUS
Level 0 (AE)	Level 1 (PSO)	Level 2 (DOE-WV)	Level 3 (WVNS)			
#0001 1				KEY DECISION - RETURN SITE TO NEW YORK STATE	TBD	
#6001 106100				PUBLISH PHASE II RECORD OF DECISION (ROD)	OCT-97	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 106350		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-AUG-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	853	-	-

 LABOR BUDGETED
 ACTUAL HEADCOUNT

EXCLUDES 10 CASUALS