

W. D. White letter dtd. 10/8/96
9610210126 961008

WBS: 9.3.7
QA: N/A

**Civilian Radioactive Waste Management System
Management & Operating Contractor**

Monthly Summary Report

August 1996

Prepared for:

**U.S. Department of Energy
Office of Civilian Radioactive Waste Management
1000 Independence Avenue SW.
Washington, DC 20585**

Prepared by:

**TRW Environmental Safety Systems Inc.
2650 Park Tower Drive
Suite 800
Vienna, Virginia 22180**

**Under Contract Number
DE-AC01-91RW00134**

102

9610210135 961008
PDR WASTE
WM-11 PDR

REC'D W/LTA DTD 9610210126 961008

CONTENTS

	Page
1. PROGRAM-LEVEL REPORT	1
2. YUCCA MOUNTAIN PROJECT REPORT	5
3. WASTE ACCEPTANCE, STORAGE, AND TRANSPORTATION PROJECT REPORT	11
4. PROGRAM QUALITY ASSURANCE REPORT	19
5. PROGRAM MANAGEMENT AND INTEGRATION REPORT	23
6. HUMAN RESOURCES AND ADMINISTRATION REPORT	31
7. REPOSITORY ANALYSIS FOR PLUTONIUM DISPOSITION REPORT	35

FIGURES

	Page
1. M&O Total Financial Status	2
2. M&O Cumulative Total Financial Status	2
3. M&O Total Staffing	3
4. M&O Total Contract Funds Status Report (CFSR)	4
5. Yucca Mountain Project Financial Status (for M&O only)	7
6. Yucca Mountain Project Cumulative Financial Status (for M&O only)	7
7. Yucca Mountain Project Staffing (for M&O only)	8
8. Yucca Mountain Project CFSR	9
9. WAST Project Financial Status (for M&O only)	14
10. WAST Project Cumulative Financial Status (for M&O only)	14
11. WAST Project Staffing (for M&O only)	15
12. Phase 2 MPC System S/C Management Financial Status (for M&O only)	16
13. Phase 2 MPC System S/C Management Cumulative Financial Status (for M&O only) ...	16
14. WAST Project CFSR	17
15. Phase 2 MPC System S/C Management CFSR	18
16. Program Quality Assurance Financial Status (for M&O only)	20
17. Program Quality Assurance Cumulative Financial Status (for M&O only)	20
18. Program Quality Assurance Staffing (for M&O only)	21
19. Program Quality Assurance CFSR	22
20. Program Management and Integration Financial Status (for M&O only)	25
21. Program Management and Integration Cumulative Financial Status (for M&O only)	25

FIGURES (Continued)

22. Program Management and Integration Staffing (M&O only) 26

23. TWRS-EIS Financial Status (for M&O only) 27

24. TWRS-EIS Cumulative Financial Status (for M&O only) 27

25. TWRS-EIS Staffing (for M&O only) 28

26. Program Management and Integration CFSR 29

27. TWRS-EIS CFSR 30

28. Human Resources and Administration Financial Status (for M&O only) 32

29. Human Resources and Administration Cumulative Financial Status (for M&O only) 32

30. Human Resources and Administration Staffing (for M&O only) 33

31. Human Resources and Administration CFSR 34

32. Repository Analysis for Plutonium Disposition Financial Status (for M&O only) 36

33. Repository Analysis for Plutonium Disposition Cumulative Financial
Status (for M&O only) 36

34. Repository Analysis for Plutonium Disposition Staffing (for M&O only) 37

35. Repository Analysis for Plutonium Disposition CFSR 38

INTENTIONALLY LEFT BLANK

1. PROGRAM-LEVEL REPORT

HIGHLIGHTS

RW-2 approved a revised Multi-Year Program Baseline on August 7, 1996. Level 2 multi-year baselines were delivered to RW-3, RW-10, RW-30, and RW-40 for review. Approval of these level 2 baselines and their integration with the ongoing annual planning for FY 1997 is providing a significant improvement in the overall planning process.

TOTAL CONTRACT PERFORMANCE DATA

- Figures 1 through 4 represent key financial information for the total contract. All Financial Status and Cumulative Financial Status figures include FY95 Carryover.
- The \$6.145 overrun forecast at completion for the total contract is driven by the Yucca Mountain Project and is discussed in section 2. An underrun is forecast for the rest of the M&O.

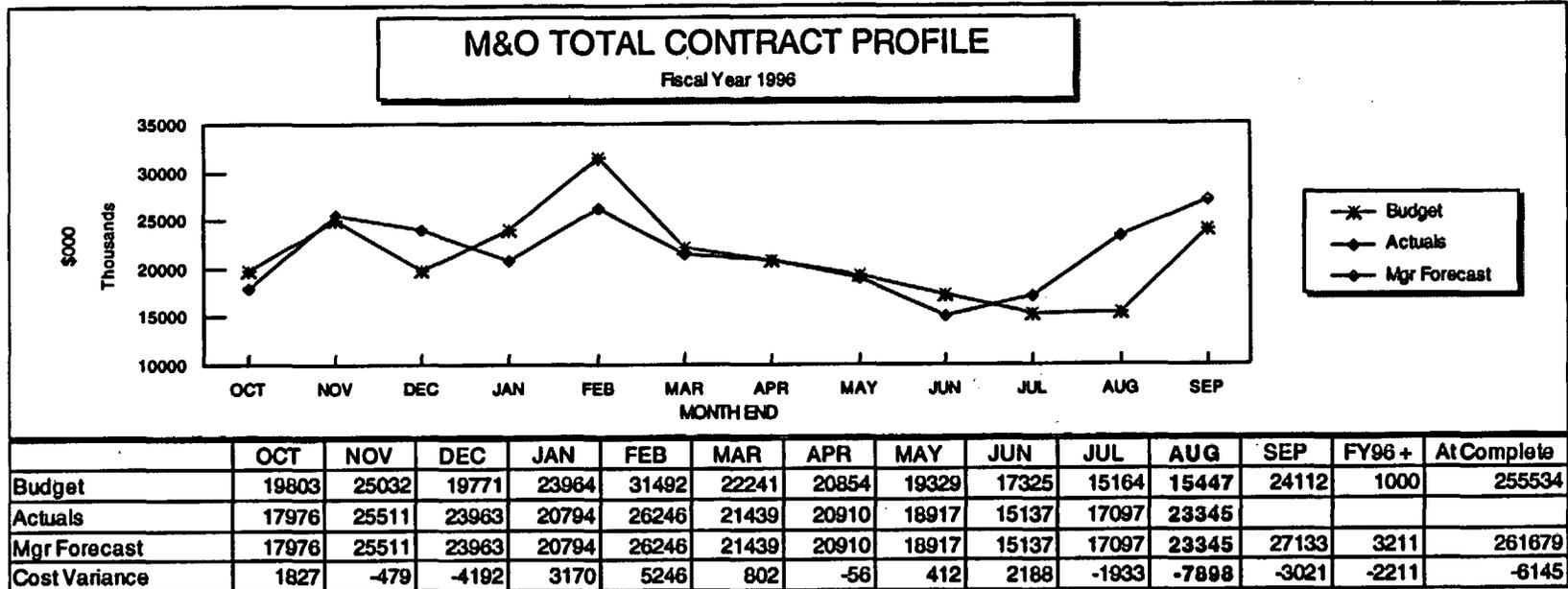


Figure 1. M&O Total Financial Status

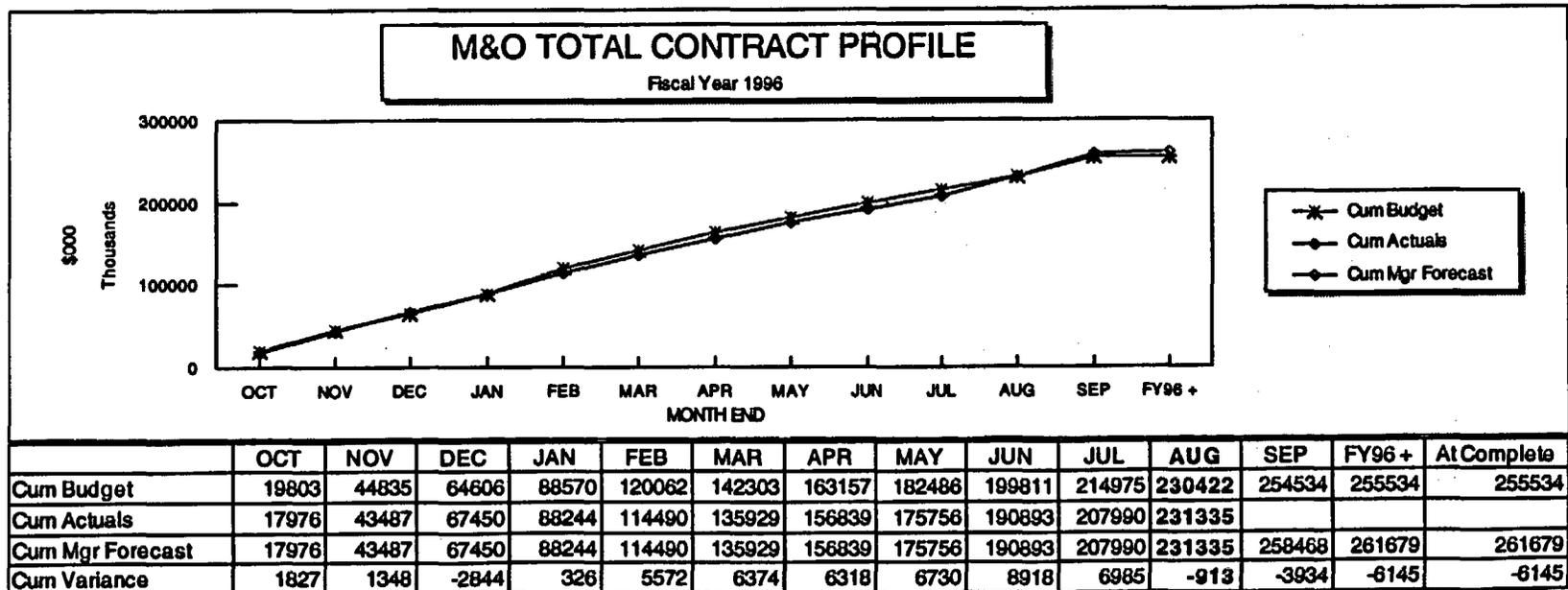


Figure 2. M&O Cumulative Total Financial Status

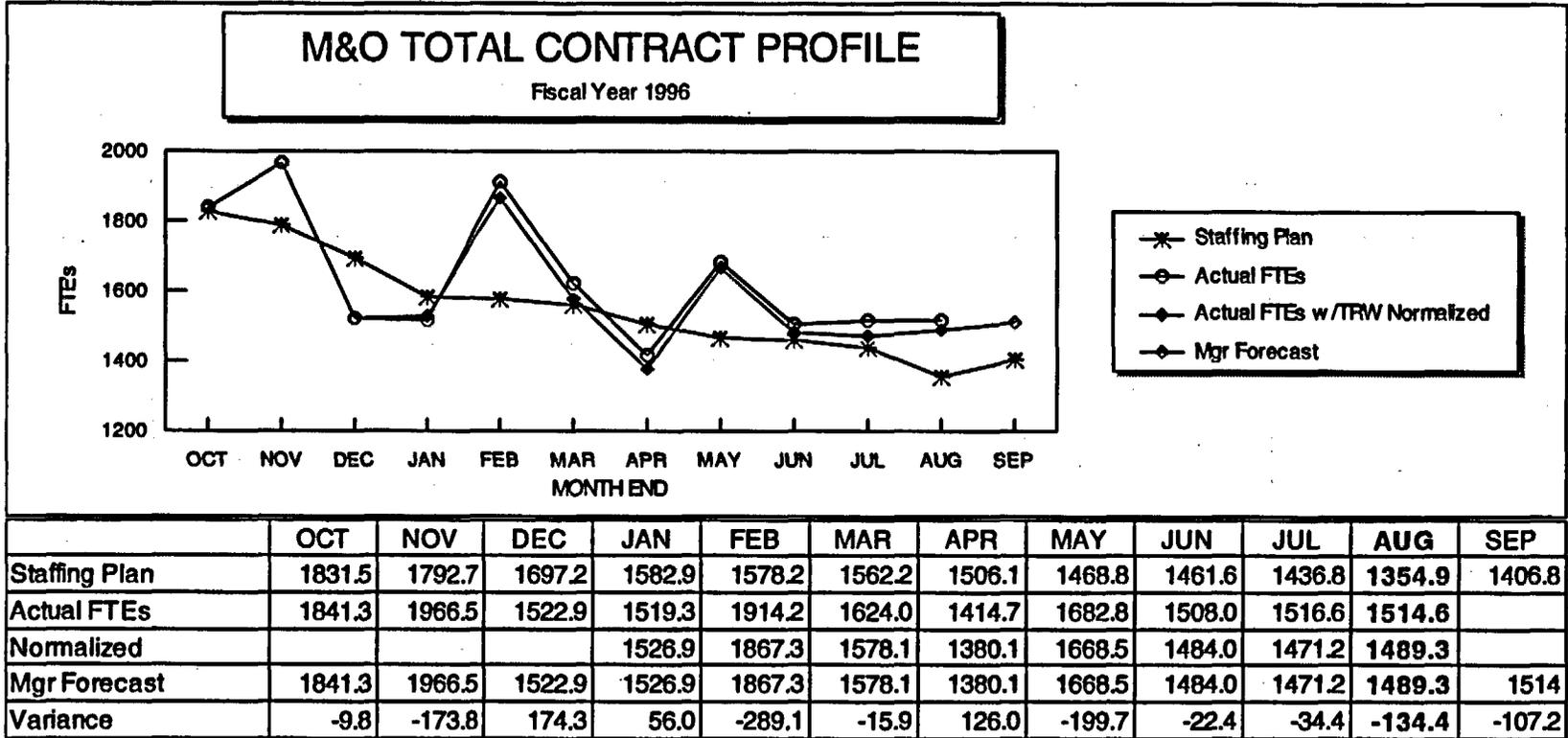


Figure 3. M&O Total Staffing

WP235

4

August 1996

CONTRACT FUNDS STATUS REPORT (DOLLARS IN THOUSANDS)												
1. CONTRACT NUMBER DE-AC01-91RW00134		3. CONTRACT FUNDING INCREMENTALLY FUNDED		5. PREVIOUS REPORT DATE 31 July 96			7. CONTRACTOR (NAME, ADDRESS) TESS: 2650 PARK TOWER DR.			9. INITIAL FY91 CONTRACT PRICE: \$15,800		
CONTRACT FUNDS STATUS REPORT (DOLLARS IN THOUSANDS)												
1. CONTRACT NUMBER DE-AC01-91RW00134		3. CONTRACT FUNDING INCREMENTALLY FUNDED		5. PREVIOUS REPORT DATE 31 July 96			7. CONTRACTOR (NAME, ADDRESS) TESS: 2650 PARK TOWER DR. VIENNA, VA 22180			9. INITIAL FY91 CONTRACT PRICE: \$15,800		
2. CONTRACT TYPE COST PLUS AWARD FEE		4. APPROPRIATION		6. CURRENT REPORT DATE 31 August 96			8. PROGRAM OCRWM M&O			10. ADJ. TOTAL CONTRACT PRICE: \$880,731		
11. FUNDING INFORMATION												
LINE ITEM/WBS ELEMENT a	APPROP. LD. b	FUNDING AUTHORIZED TO DATE c	ACCRUED EXPENDITURES PLUS OPEN COMMITMENTS d	CONTRACT WORK AUTHORIZED			FORECAST			TOTAL REQUIRE- MENTS WORK k	FUNDS CARRY- OVER (TO FY96) l	NET FUNDS REQUIRED m
				DEFINITIZED (WAD) e	NOT DEFINITIZED (PROPOSED) f	SUBTOTAL g	NOT YET AUTHORIZED h	ALL OTHER WORK i	SUBTOTAL j			
M&O		\$879,629	\$880,391	\$540,477	\$335,779	\$876,256	\$0	\$11,731	\$11,731	\$887,987		\$887,987
TOTAL		\$879,629	\$880,391	\$540,477	\$335,779	\$876,256	\$0	\$11,731	\$11,731	\$887,987		\$887,987
12. CONTRACT WORK AUTHORIZED (WITH FEE) - ACTUAL OR PROJECTED												
			ACTUAL TO DATE	Sept							Beyond FY 96	AT COMPLETION
a. OPEN COMMITMENTS			\$34,914	\$3,217							\$0	\$0
b. ACCRUED EXPENDITURES			\$845,477	\$873,778							\$887,987	\$887,987
c. TOTAL (12a + 12b)			\$880,391	\$876,995							\$887,987	\$887,987
13. FORECAST OF BILLINGS			\$838,518	\$28,301							\$14,209	\$0
14. ESTIMATED TERMINATION COSTS			\$67,997	\$68,831								
REMARKS												
CFSR includes contract mods through month end August.												
11i includes lease termination funding of \$6813 and advance agreement of \$972												

Figure 4. M&O Total Contract Funds Status Report (CFSR)

2. YUCCA MOUNTAIN PROJECT REPORT

Significant progress was made during August in completing deliverables for the Yucca Mountain Project. The list includes fourteen scientific program synthesis reports that were submitted to DOE for review and acceptance. These reports, principally produced by scientists at the National Laboratories, summarize the collective information gathered over the years on key scientific aspects of Yucca Mountain and represent a major step forward in our understanding of the site as a potential repository.

Progress was also made in developing the detailed work plans for FY 1997. We are on schedule to have a baseline plan in place at the start of the fiscal year. We expect that having a plan to implement at the start of the year will improve our performance in achieving the FY 1997 objectives and a Viability Assessment in 1998.

The Tunnel Boring Machine made good progress, but was shut down at the end of the month to resolve health and safety non-compliance issues regarding policies and procedures for wearing respirators and for reducing hazards in the tunnel. Although levels of cristobalite have been declining, they still exceed acceptable thresholds and the use of respirators for worker protection is still required.

Management attention was also focused on refining the process for successfully producing a Viability Assessment (VA) for the DOE in 1998. In that regard, the Deputy AGM (Technical) was assigned the role of Viability Assessment Project Engineer. In addition to his other functions, he began coordinating with DOE, M&O, and National Laboratory managers responsible for producing products for the VA, and developed a preliminary set of technical milestones that would serve as a measure of incremental progress.

Another significant milestone was achieved on schedule: the initiation of the first thermal test in the Exploratory Studies Facility (ESF). The preparations for this test required an integrated effort involving construction, engineering, and scientific programs personnel from a number of organizations within and outside the M&O.

HIGHLIGHTS

- Advanced tunnel excavation to Construction Station 63+47.1 meters (20,823.8 feet or 3.94 miles). Progress for the month of August 1996 utilizing the Tunnel Boring Machine was 241.4 meters (792.0 feet).
- Completed Northern Ghost Dance Fault Alcove excavation to Construction Station 0+89.6 meters (293.9 feet). Progress for the month of August 1996 utilizing both the Alpine Miner and drill/blast techniques was 37.4 meters (122.7 feet).
- Submitted the Performance Confirmation Concepts Study Report providing an overview of the total performance confirmation approach and provides recommendations to ensure needed data acquisition requirements are included in the Mined Geologic Disposal System design.

- Submitted the Engineered Barrier System Performance Requirements System Study Report, concluding that based on current safety standards, inclusion of backfill and related emplacement systems would not be required in the repository design.
- Submitted the Thermal Loading Study recommending thermal requirements be used in the repository design and to support life cycle cost determinations.
- Submitted the South Portal Design System Safety Analysis, evaluating design features for potential hazards and accident mitigation. In addition, issued the South Portal Design providing required direction for construction of the access road, pad, and portal for the south entrance to the Exploratory Studies Facility.
- Submitted the Waste Package Materials Selection Analysis, providing a summary of material selection, justification, and recommendations for designing the waste package.
- Submitted the Waste Package Fabrication Process Report, evaluating and recommending various methods of manufacturing which confirms that a waste package can be fabricated to meet current safety standards.
- Initiated heater phase of Single Heater Test on schedule. The outcome of this 18-month in-situ thermal test is centrally important to understanding thermal flow, effects in the repository, and the design of the waste package.
- Submitted the Project Integrated Safety Assessment (PISA) Management Plan describing the assessment preparation process. The purpose of PISA is to present integrated information from Scientific Programs, Engineering Design, and Performance Assessment in a format adequate for a Safety Analysis Report.

PERFORMANCE DATA

- Figures 5 through 8 represent key financial information for the Yucca Mountain Project.
- The forecast at complete includes costs for which funding has been provided, but CRs to increase the budget have not yet been approved. A combination of implementing a corrective action plan and approval of the CRs should eliminate this negative cost variance at complete.
- The increase to the budget reflects approval of a CR to continue the PMO through the end of the fiscal year.
- The DOE authorized additional FY 96 workscope by a letter from the Yucca Mountain Project Manager providing \$15.6 million of funding via an AFP. Some of this work was initiated in August after COR direction was received.

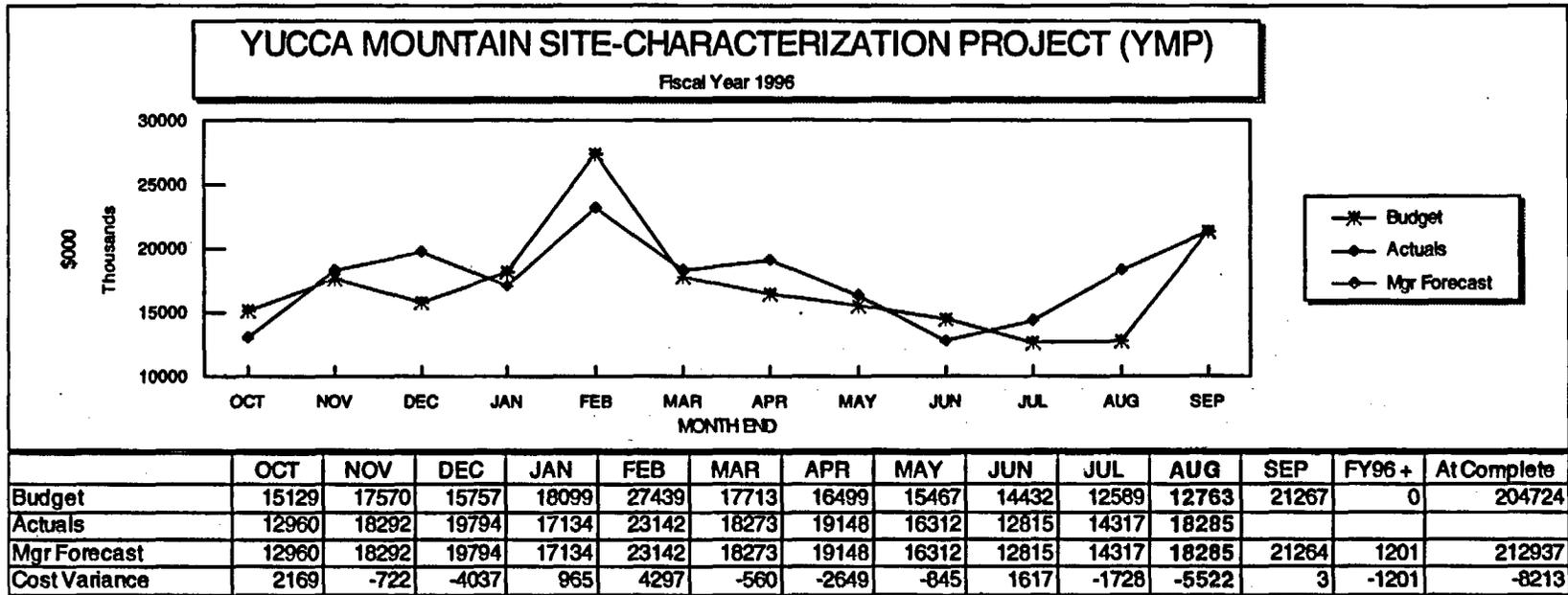


Figure 5. Yucca Mountain Project Financial Status (for M&O only)

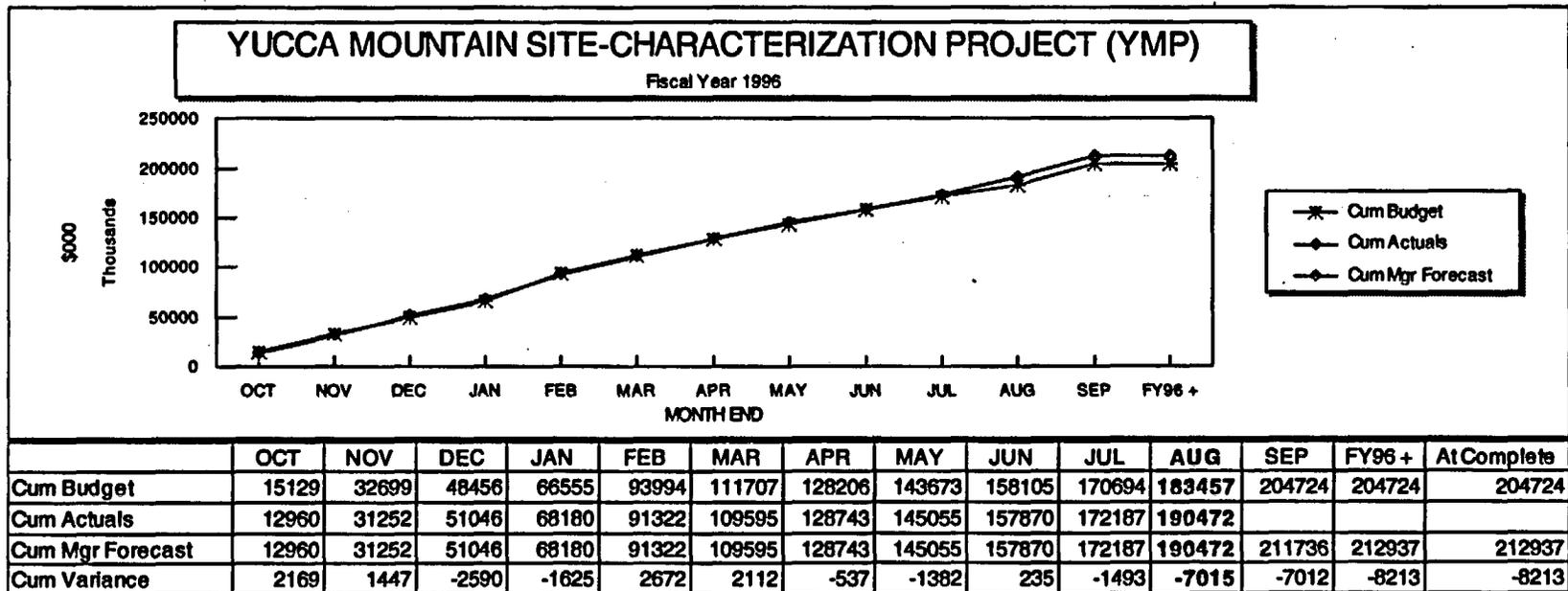


Figure 6. Yucca Mountain Project Cumulative Financial Status (for M&O only)

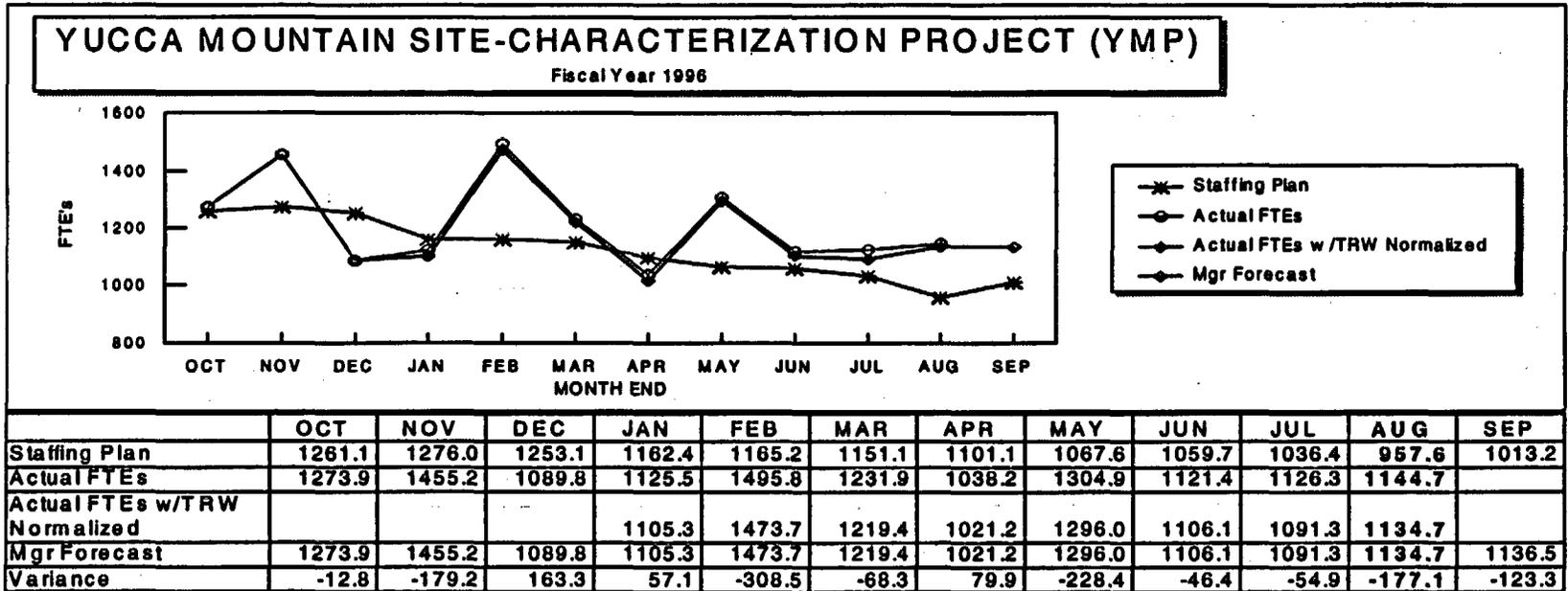


Figure 7. Yucca Mountain Project Staffing (for M&O only)

WP235

9

August 1996

CONTRACT FUNDS STATUS REPORT (DOLLARS IN THOUSANDS)												
1. CONTRACT NUMBER DE-AC01-91RW00134		3. CONTRACT FUNDING INCREMENTALLY FUNDED		5. PREVIOUS REPORT DATE 31 July 96			7. CONTRACTOR (NAME, ADDRESS) TESS: 2650 PARK TOWER DR.			9. INITIAL FY91 CONTRACT PRICE: \$15,800		
CONTRACT FUNDS STATUS REPORT (DOLLARS IN THOUSANDS)												
1. CONTRACT NUMBER DE-AC01-91RW00134		3. CONTRACT FUNDING INCREMENTALLY FUNDED		5. PREVIOUS REPORT DATE 31 July 96			7. CONTRACTOR (NAME, ADDRESS) TESS: 2650 PARK TOWER DR. VIENNA, VA 22180			9. INITIAL FY91 CONTRACT PRICE: \$15,800		
2. CONTRACT TYPE COST PLUS AWARD FEE		4. APPROPRIATION		6. CURRENT REPORT DATE 31 August 96			8. PROGRAM OCRWM M&O			10. ADJ. TOTAL CONTRACT PRICE: \$880,731		
11. FUNDING INFORMATION												
LINE ITEM/WBS ELEMENT a	APPROP. I.D. b	FUNDING AUTHORIZED TO DATE c	ACCRUED EXPENDITURES PLUS OPEN COMMITMENTS d	CONTRACT WORK AUTHORIZED			FORECAST			TOTAL REQUIRE- MENTS WORK k	FUNDS CARRY- OVER (TO FY96) l	NET FUNDS REQUIRED m
				DEFINITIZED (WAD) e	NOT DEFINITIZED (PROPOSED) f	SUBTOTAL g	NOT YET AUTHORIZED h	ALL OTHER WORK i	SUBTOTAL j			
YMP		\$588,250	\$600,965	\$335,934	\$255,707	\$591,641	\$0	\$6,812	\$6,812	\$598,453		\$598,453
TOTAL		\$588,250	\$600,965	\$335,934	\$255,707	\$591,641	\$0	\$6,812	\$6,812	\$598,453		\$598,453
12.			CONTRACT WORK AUTHORIZED (WITH FEE) - ACTUAL OR PROJECTED									
			ACTUAL TO DATE	Sept							Beyond FY 96	AT COMPLETION
a. OPEN COMMITMENTS			\$28,062	\$1,201							\$0	\$0
b. ACCRUED EXPENDITURES			\$572,903	\$595,172							\$598,453	\$598,453
c. TOTAL (12a + 12b)			\$600,965	\$596,373							\$598,453	\$598,453
13. FORECAST OF BILLINGS			\$566,069	\$22,269							\$3,281	\$0
14. ESTIMATED TERMINATION COSTS			\$51,394	\$51,394								
REMARKS												

Figure 8. Yucca Mountain Project CFSR

INTENTIONALLY LEFT BLANK

3. WASTE ACCEPTANCE, STORAGE, AND TRANSPORTATION PROJECT REPORT

Design activities leading to a Topical Safety Analysis report (TSAR) for an Interim Storage Facility are proceeding according to plan with satisfactory progress in all activities. An initial technical interchange held between DOE and NRC on August 20th provided a useful exchange of information concerning the Generic Site Design Criteria and the ISF Design Approach. As a result of this exchange, a revision was made to the site tornado criterion which will have minimal impact on the design. Both NRC and DOE participants expressed satisfaction with the results of the exchange.

All deliverables required from Westinghouse to complete the requirements of the MPC Phase 1 contract have now been received and accepted following review. Timely receipt of the required invoice should allow final close-out of this fixed price activity.

A major challenge facing us is completing the formulation of selection criteria for the various phases proposed for the Transportation and Storage Privatization Initiative for inclusion in a draft request-for-proposal currently scheduled for release in October 1996. In order for the content of this draft RFP to stimulate useful responses from the industry, a decision regarding assigned responsibilities is needed as soon as possible.

HIGHLIGHTS

ISF/TSAR DESIGN PROJECT

- Conducted first ISF TSAR Project Technical Interchange with the Nuclear Regulatory Commission on August 20th, 1996. The ISF Design Approach, Generic Site Design Criteria, and TSAR Development were presented.
- Based on feedback from NRC and DOE, revised the Generic Site Design Criteria analysis modifying the site tornado criteria to a more conservative position. This is not an ISF-specific issue appropriate for the TSAR, and the economic impact on the ISF facility of the more conservative criteria is not significant for Phase I.

MPC CONTRACT

- All MPC Phase 1 contract deliverables (Safety Analysis Reports and Preliminary Design Reports) have been accepted by the M&O.
- The response for Deficiency Report VAMO-96-D-001 was submitted on August 23, 1996 and accepted by M&O QA.

TRANSPORTATION INITIATIVE

- Issued the Technical Document Preparation Plan for the Transportation Design Requirements Document (DRD).

- Completed and distributed deliverable on the Lessons Learned During the Fabrication and Testing of the GA-9 Legal Weight Tractor-Trailer System. The principal purpose of this report is to provide an account of the lessons learned during the fabrication and testing of the GA-9 legal weight tractor-trailer system.
- Responded to a request from RW-2 for an estimate of how much fuel could be shipped in 1998 with existing casks and with casks which might be built by 1998. Developed rough order of estimate of costs.

WASTE ACCEPTANCE

- Delivered the Final Validation Report on the 1995 RW-859 Database to RW-40.

OTHER DELIVERABLES

- Delivered summary of the July 16-18 Transportation External Coordination/Working Group meeting comments on the Section 180(c) Notice of Proposed Policy and Procedures. These comments will be considered in the development of the Notice of Final Policy and procedures to be published in 1997.
- The BCP for the WAST Multi-year Baseline was delivered to RW-40 on August 19, 1996 and distributed to the POBCCB for review on August 21, 1996. A copy was also provided to RW-37 for information. The M&O prepared an integrated logic-driven schedule (Project Summary Schedule) to accompany the multi-year baseline.
- Transportation and Storage System Interface analysis was completed and approved by QA.
- Draft input to the RW-40 Annual Work Plan (AWP) was delivered on time, and the integrated RW-40 plan was delivered nine working days later. Briefed the RW-40 staff on planning assumptions and issues.

PERFORMANCE DATA

- Figures 9 through 11 and 14 represent key financial information for the WAST Project. Part of the MPC contract was paid causing actuals to exceed the July report's forecast because the July report forecast the entire payment to occur in September. We continue to forecast payment of the balance during September. The overruns in August and forecast for September are a result of the MPC payment being budgeted for earlier in the fiscal year. Therefore, there is no corresponding overrun forecast at completion.
- Figures 12, 13, and 15 represent key financial information for the Phase 2 MPC subcontract. The data is provided separately because it is funded by DOE EM.

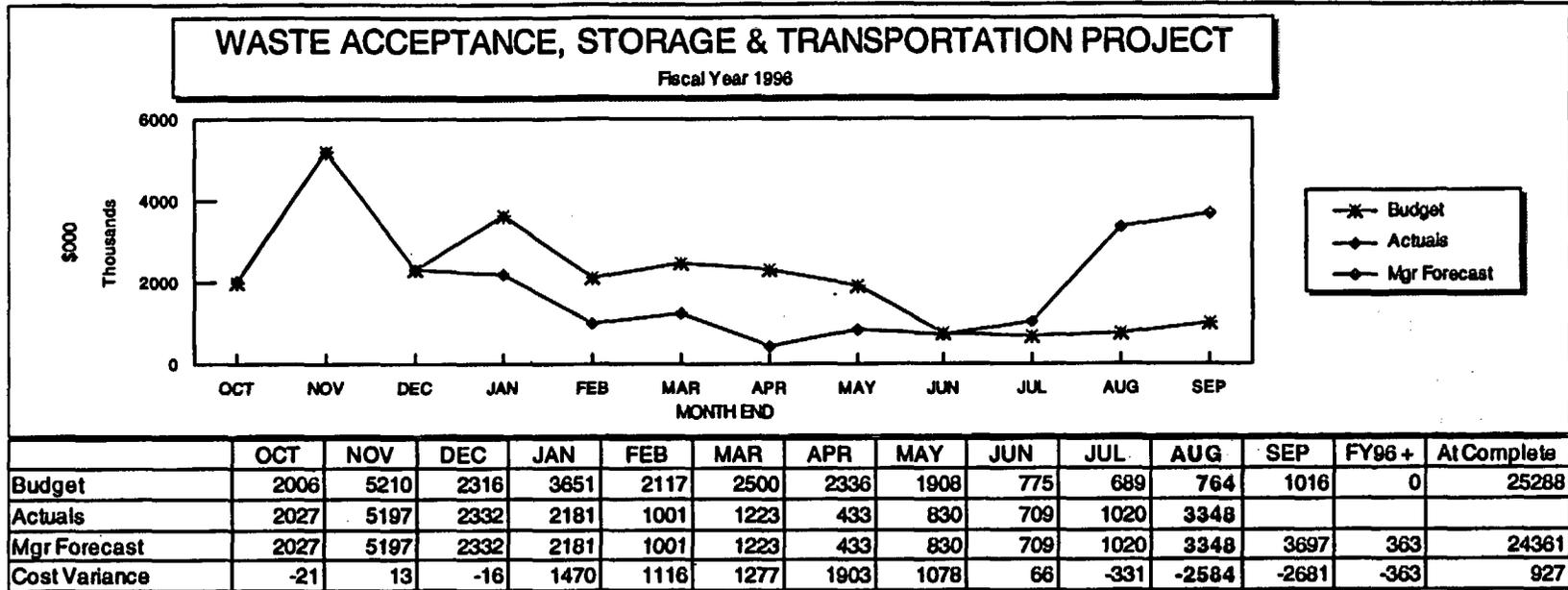


Figure 9. WAST Project Financial Status (for M&O only)

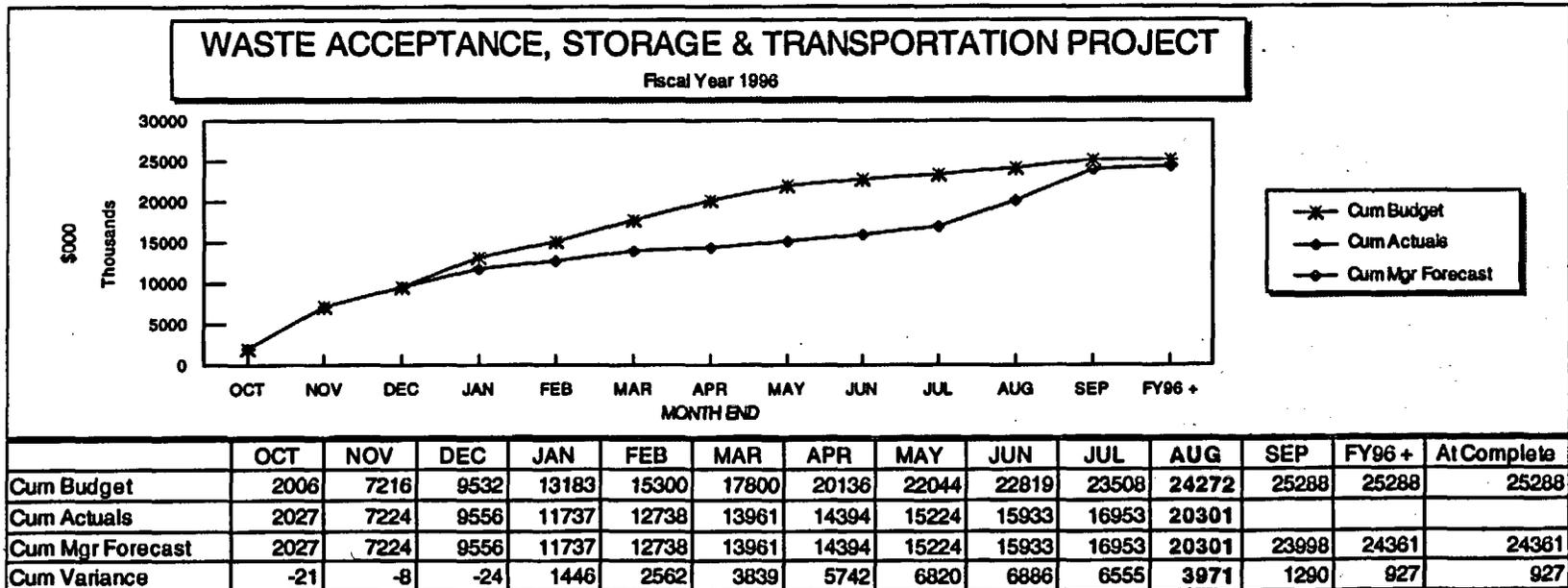


Figure 10. WAST Project Cumulative Financial Status (for M&O only)

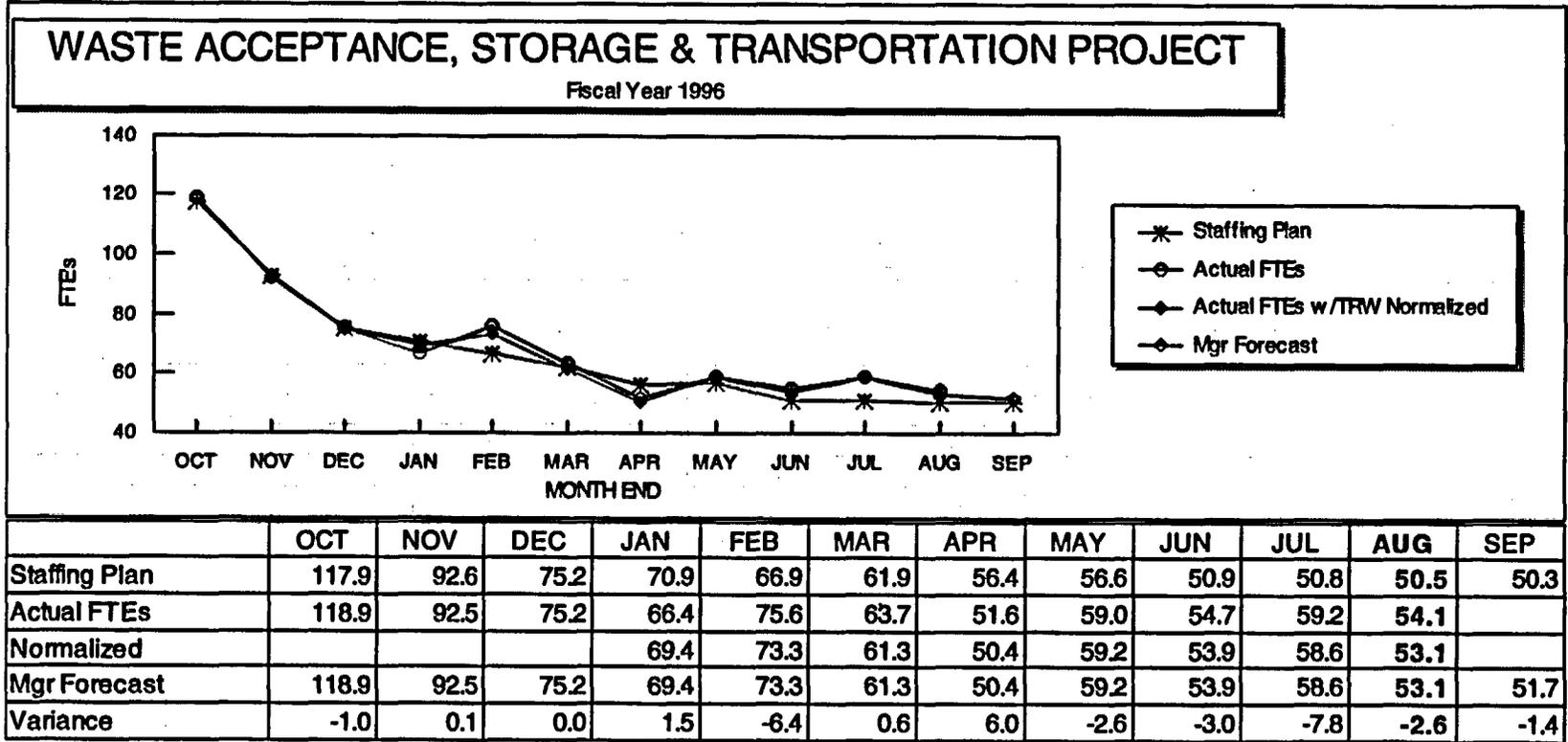


Figure 11. WAST Project Staffing (for M&O only)

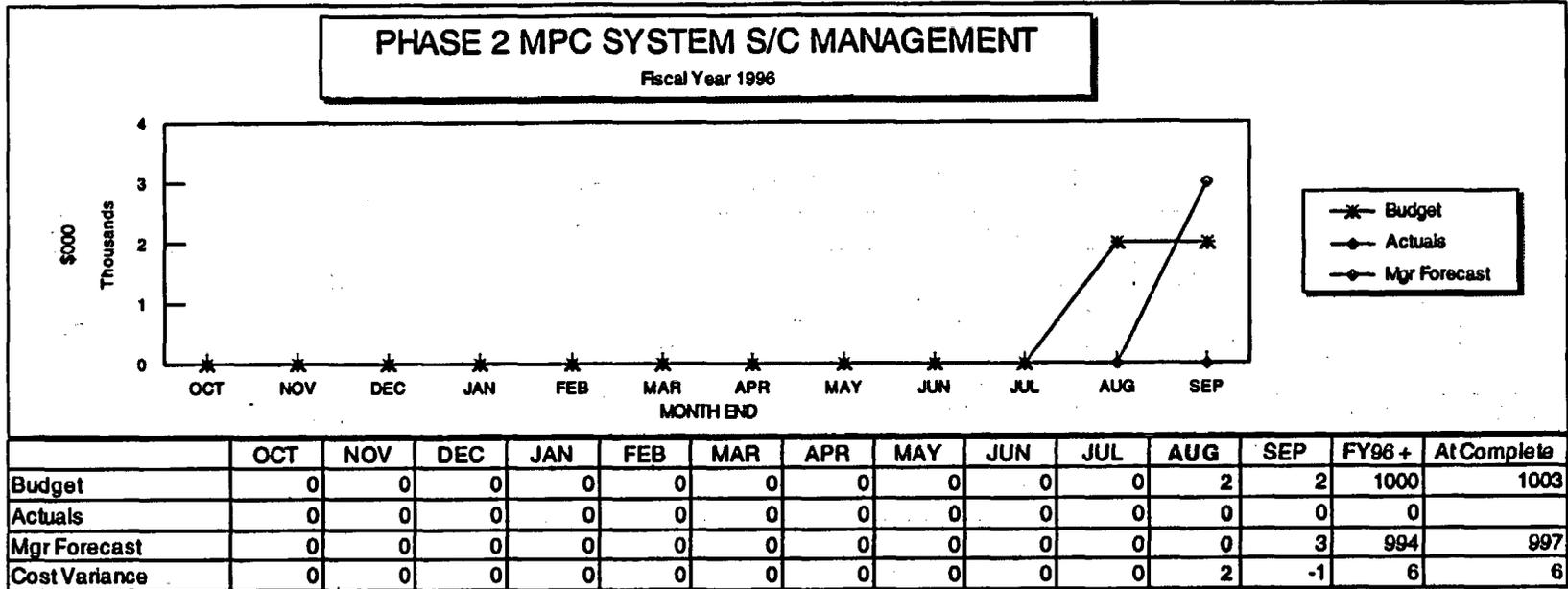


Figure 12. Phase 2 MPC System S/C Management Financial Status (for M&O only)

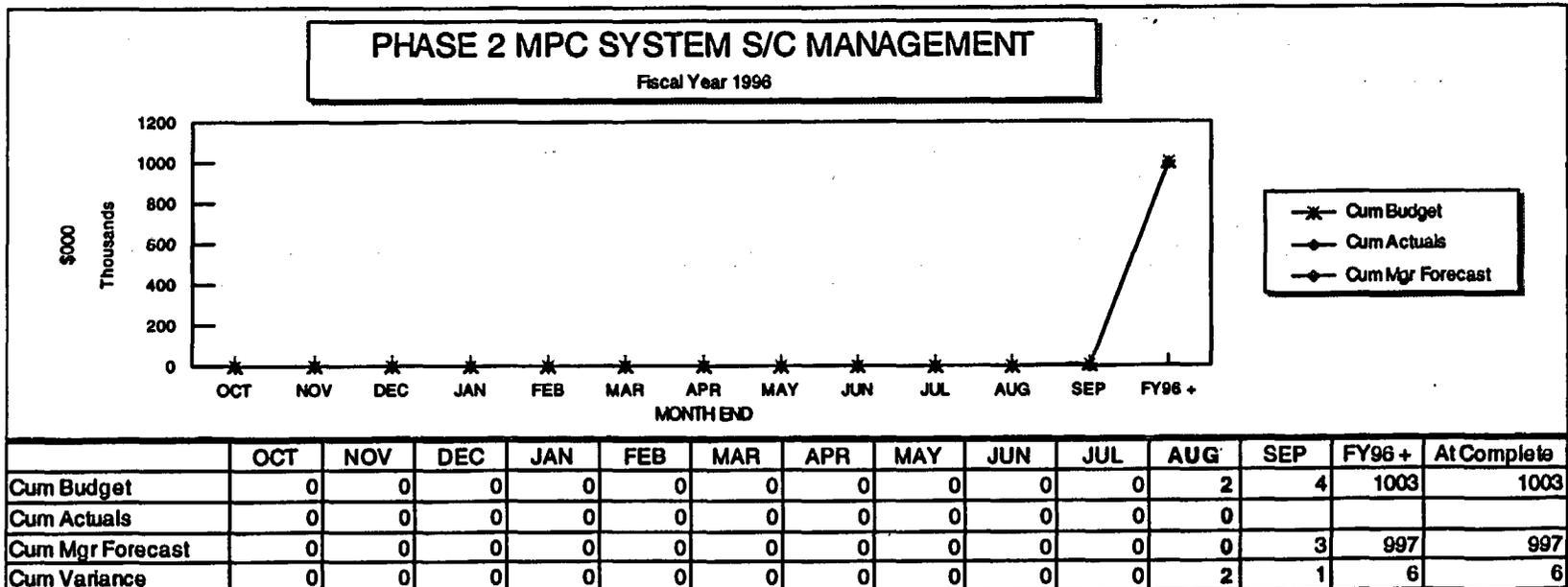


Figure 13. Phase 2 MPC System S/C Management Cumulative Financial Status (for M&O only)

WP235

17

August 1996

CONTRACT FUNDS STATUS REPORT (DOLLARS IN THOUSANDS)												
1. CONTRACT NUMBER DE-AC01-91RW00134		3. CONTRACT FUNDING INCREMENTALLY FUNDED		5. PREVIOUS REPORT DATE 31 July 96			7. CONTRACTOR (NAME, ADDRESS) TESS: 2650 PARK TOWER DR.			9. INITIAL FY91 CONTRACT PRICE: \$15,800		
CONTRACT FUNDS STATUS REPORT (DOLLARS IN THOUSANDS)												
1. CONTRACT NUMBER DE-AC01-91RW00134		3. CONTRACT FUNDING INCREMENTALLY FUNDED		5. PREVIOUS REPORT DATE 31 July 96			7. CONTRACTOR (NAME, ADDRESS) TESS: 2650 PARK TOWER DR. VIENNA, VA 22180			9. INITIAL FY91 CONTRACT PRICE: \$15,800		
2. CONTRACT TYPE COST PLUS AWARD FEE		4. APPROPRIATION		6. CURRENT REPORT DATE 31 August 96			8. PROGRAM OCRWM M&O			10. ADJ. TOTAL CONTRACT PRICE: \$880,731		
11. FUNDING INFORMATION												
LINE ITEM/WBS ELEMENT a	APPROP. I.D. b	FUNDING AUTHORIZED TO DATE c	ACCRUED EXPENDITURES PLUS OPEN COMMITMENTS d	CONTRACT WORK AUTHORIZED			FORECAST			TOTAL REQUIRE- MENTS WORK k	FUNDS CARRY- OVER (TO FY96) l	NET FUNDS REQUIRED m
				DEFINITIZED (WAD) e	NOT DEFINITIZED (PROPOSED) f	SUBTOTAL g	NOT YET AUTHORIZED h	ALL OTHER WORK i	SUBTOTAL j			
OWAST		\$134,038	\$132,170	\$96,236	\$37,865	\$134,101	\$0	(\$985)	(\$985)	\$133,116		\$133,116
TOTAL		\$134,038	\$132,170	\$96,236	\$37,865	\$134,101	\$0	(\$985)	(\$985)	\$133,116		\$133,116
12. CONTRACT WORK AUTHORIZED (WITH FEE) - ACTUAL OR PROJECTED												
			ACTUAL TO DATE	Sept							Beyond FY 96	AT COMPLETION
a. OPEN COMMITMENTS			\$3,246	\$363							\$0	\$0
b. ACCRUED EXPENDITURES			\$128,924	\$132,664							\$133,116	\$133,116
c. TOTAL (12a + 12b)			\$132,170	\$133,027							\$133,116	\$133,116
13. FORECAST OF BILLINGS			\$128,925	\$3,740							\$452	\$0
14. ESTIMATED TERMINATION COSTS			\$2,827	\$2,827								
REMARKS												

Figure 14. WAST Project CFSR

WP235

CONTRACT FUNDS STATUS REPORT (DOLLARS IN THOUSANDS)												
1. CONTRACT NUMBER DE-AC01-91RW00134		3. CONTRACT FUNDING INCREMENTALLY FUNDED		5. PREVIOUS REPORT DATE 31 July 96			7. CONTRACTOR (NAME, ADDRESS) TESS: 2650 PARK TOWER DR. VIENNA, VA 22160			9. INITIAL FY91 CONTRACT PRICE: \$15,800		
CONTRACT FUNDS STATUS REPORT (DOLLARS IN THOUSANDS)												
1. CONTRACT NUMBER DE-AC01-91RW00134		3. CONTRACT FUNDING INCREMENTALLY FUNDED		5. PREVIOUS REPORT DATE 31 July 96			7. CONTRACTOR (NAME, ADDRESS) TESS: 2650 PARK TOWER DR. VIENNA, VA 22160			9. INITIAL FY91 CONTRACT PRICE: \$15,800		
2. CONTRACT TYPE COST PLUS AWARD FEE		4. APPROPRIATION		6. CURRENT REPORT DATE 31 August 96			8. PROGRAM OCRWM M&O			10. ADJ. TOTAL CONTRACT PRICE: \$880,731		
11. FUNDING INFORMATION												
LINE ITEM/WBS ELEMENT a	APPROP. I.D. b	FUNDING AUTHORIZED TO DATE c	ACCRUED EXPENDITURES PLUS OPEN COMMITMENTS d	CONTRACT WORK AUTHORIZED			FORECAST			TOTAL REQUIRE- MENTS WORK k	FUNDS CARRY- OVER (TO FY96) l	NET FUNDS REQUIRED m
				DEFINITIZED (WAD) e	NOT DEFINITIZED (PROPOSED) f	SUBTOTAL g	NOT YET AUTHORIZED h	ALL OTHER WORK i	SUBTOTAL j			
MPC Ph. 2	EM	\$1,000	\$1,000	\$0	\$1,000	\$1,000	\$0	\$0	\$0	\$1,000		\$1,000
TOTAL		\$1,000	\$1,000	\$0	\$1,000	\$1,000	\$0	\$0	\$0	\$1,000		\$1,000
12. CONTRACT WORK AUTHORIZED (WITH FEE) - ACTUAL OR PROJECTED												
			ACTUAL TO DATE	Sept							Beyond FY 96	AT COMPLETION
a. OPEN COMMITMENTS			\$1,000	\$1,000							\$0	\$0
b. ACCRUED EXPENDITURES			\$0	\$0							\$1,000	\$1,000
c. TOTAL (12a + 12b)			\$1,000	\$1,000							\$1,000	\$1,000
13. FORECAST OF BILLINGS			\$0	\$0							\$1,000	\$0
14. ESTIMATED TERMINATION COSTS			\$0	\$1,000								
REMARKS												

18

August 1996

Figure 15. Phase 2 MPC System S/C Management CFRS

4. PROGRAM QUALITY ASSURANCE REPORT

HIGHLIGHTS

- The FY97 QA Annual Plan incorporating the Long Range Integrated Project Schedule and guidance from OCRWM QA is in final DOE review.
- Evaluation and discussion of the DOE QA proposal to consolidate all QA organizational responsibilities under OQA continues.
- New funding from management reserve is being released to the M&O. Additional M&O workscope (approximately \$200K) is in support of design and construction activities.

PERFORMANCE DATA

- Figures 20 through 23 represent key financial information for Program Quality Assurance.

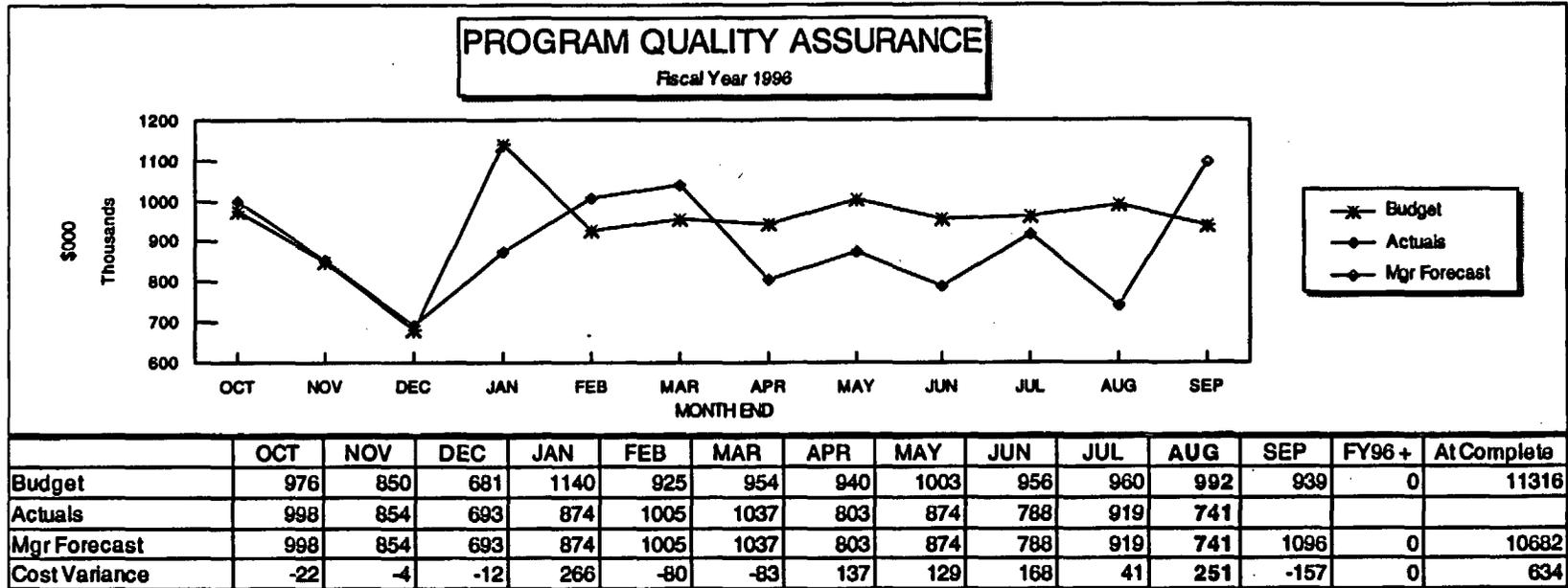


Figure 16. Program Quality Assurance Financial Status (for M&O only)

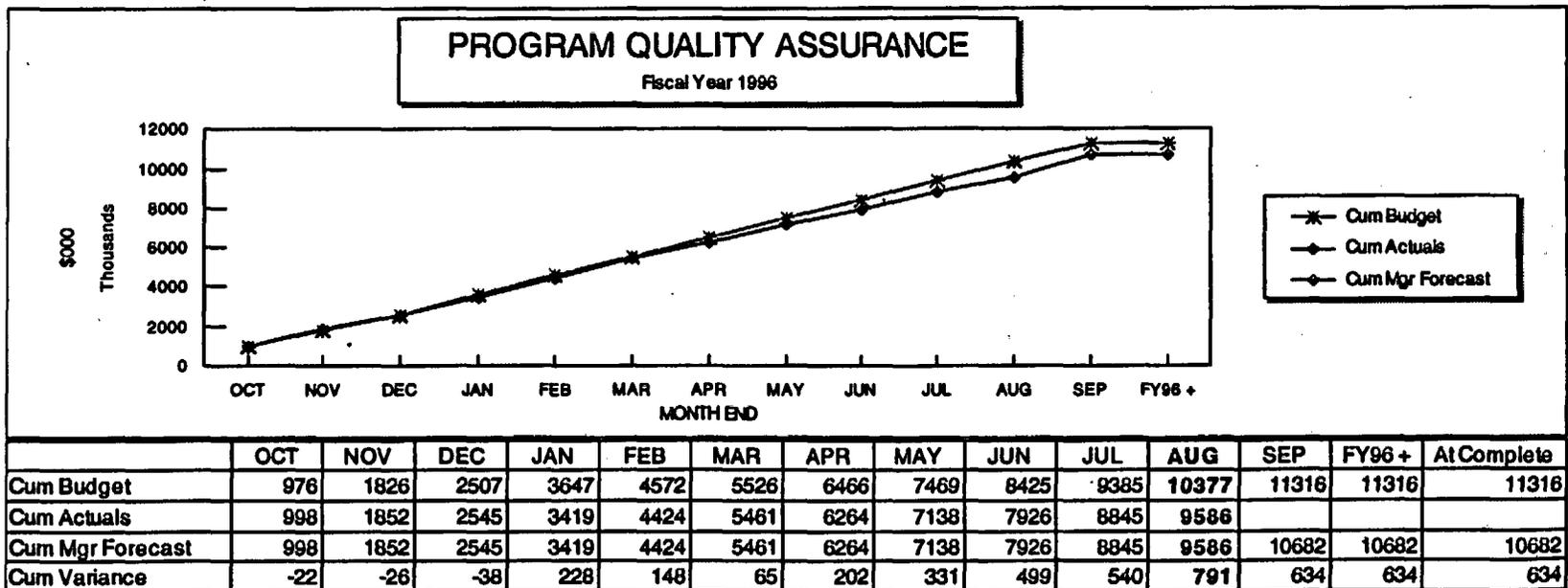


Figure 17. Program Quality Assurance Cumulative Financial Status (for M&O only)

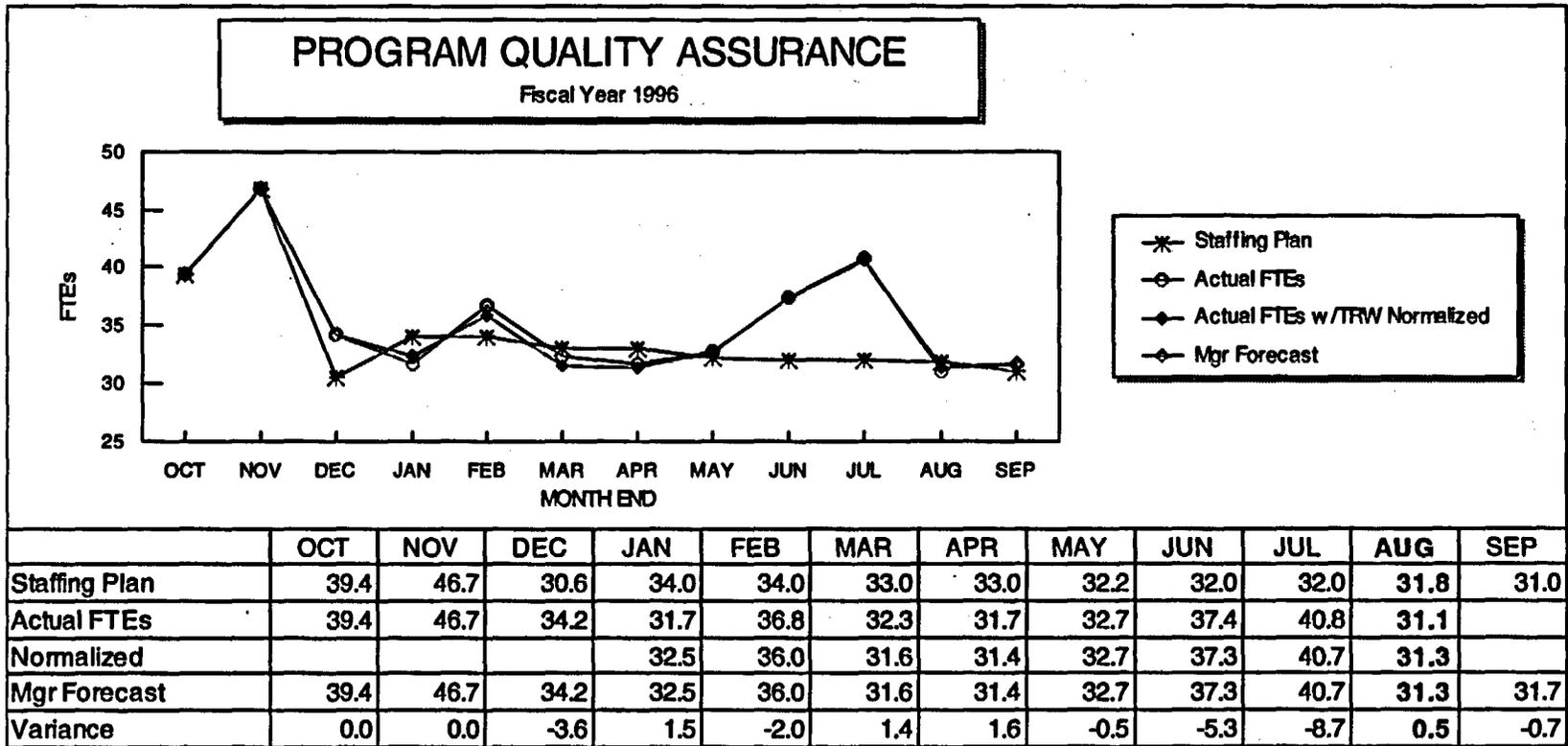


Figure 18. Program Quality Assurance Staffing (for M&O only)

WP235

22

August 1996

CONTRACT FUNDS STATUS REPORT (DOLLARS IN THOUSANDS)												
1. CONTRACT NUMBER DE-AC01-91RW00134		3. CONTRACT FUNDING INCREMENTALLY FUNDED		5. PREVIOUS REPORT DATE 31 July 96			7. CONTRACTOR (NAME, ADDRESS) TESS: 2650 PARK TOWER DR. VIENNA, VA 22180			9. INITIAL FY91 CONTRACT PRICE: \$15,800		
CONTRACT FUNDS STATUS REPORT (DOLLARS IN THOUSANDS)												
1. CONTRACT NUMBER DE-AC01-91RW00134		3. CONTRACT FUNDING INCREMENTALLY FUNDED		5. PREVIOUS REPORT DATE 31 July 96			7. CONTRACTOR (NAME, ADDRESS) TESS: 2650 PARK TOWER DR. VIENNA, VA 22180			9. INITIAL FY91 CONTRACT PRICE: \$15,800		
2. CONTRACT TYPE COST PLUS AWARD FEE		4. APPROPRIATION		6. CURRENT REPORT DATE 31 August 96			8. PROGRAM OCRWM M&O			10. ADJ. TOTAL CONTRACT PRICE: \$880,731		
11. FUNDING INFORMATION												
LINE ITEM/WBS ELEMENT a	APPROP. ID. b	FUNDING AUTHORIZED TO DATE c	ACCRUED EXPENDITURES PLUS OPEN COMMITMENTS d	CONTRACT WORK AUTHORIZED			FORECAST			TOTAL REQUIRE- MENTS WORK k	FUNDS CARRY- OVER (TO FY96) l	NET FUNDS REQUIRED m
				DEFINITIZED (WAD) e	NOT DEFINITIZED (PROPOSED) f	SUBTOTAL g	NOT YET AUTHORIZED h	ALL OTHER WORK i	SUBTOTAL j			
QA		\$18,163	\$20,291	\$7,726	\$12,806	\$20,532	\$0	(\$720)	(\$720)	\$19,812		\$19,812
TOTAL		\$18,163	\$20,291	\$7,726	\$12,806	\$20,532	\$0	(\$720)	(\$720)	\$19,812		\$19,812
12. CONTRACT WORK AUTHORIZED (WITH FEE) - ACTUAL OR PROJECTED												
			ACTUAL TO DATE	Sept							Beyond FY 96	AT COMPLETION
a. OPEN COMMITMENTS			\$1,763	\$0							\$0	\$0
b. ACCRUED EXPENDITURES			\$18,528	\$19,685							\$19,812	\$19,812
c. TOTAL (12a + 12b)			\$20,291	\$19,685							\$19,812	\$19,812
13. FORECAST OF BILLINGS			\$18,390	\$1,157							\$127	\$0
14. ESTIMATED TERMINATION COSTS			\$3,489	\$3,489								
REMARKS												

Figure 19. Program Quality Assurance CFSR

5. PROGRAM MANAGEMENT AND INTEGRATION REPORT

The Configuration Information System (CIS) continues to be tested in a "shadow operations" mode with the expectation that it will become fully implemented by the end of the fiscal year. A concerted, cooperative activity throughout the Program has led to the successful implementation of this management tool.

The pace of activities to implement the adoption of DOE Spent Nuclear Fuel as an additional waste form into the CRWMS has increased. A Data Needs Report was prepared and submitted in August, but much additional work needs to be planned and performed. It will be important to reach agreement on the proper management of the relationship with DOE-EM within OCRWM, even as organizational changes are proposed and implemented, to ensure that Department needs are met.

HIGHLIGHTS

SYSTEMS ENGINEERING AND INTEGRATION

- Delivered CRWMS Requirements Document (CRD Rev 3). The document has been streamlined for easy update, more effective use and improved traceability. This revision also incorporated DOE, SNF, and CRWMS operations functions into the technical baseline.
- Delivered Draft CRWMS Total System Description.
- Delivered RW-1's briefing book for his presentation to the NRC Commissioners.

DOE NUCLEAR MATERIALS

- Delivered Preliminary OCRWM Data Needs for DOE Spent Nuclear Fuel, Rev.0 one day early.
- The INEL task force activities have been kicked-off. Investigating funding from EM to support portions of this effort.

PLANNING

- Successful new documentation approaches were implemented in this year's annual planning process. The input to the RW-30 AWP was delivered. Briefed the RW-30 staff on planning assumptions and issues.

PROGRAM MANAGEMENT

- CIS is operational and accessible at all sites; all relevant data converted to the new system and "shadow ops" is underway and doing well.
- Delivered preliminary Draft CRWMS Program Execution Plan to RW-30 on August 12, 1996.

PERFORMANCE DATA

- **Figures 20 through 22 and 26 represent key financial information for Program Management and Integration.**
- **Figures 23 through 25 and 27 represent key financial information for the Hanford Tank Waste Remediation System (TWRS) EIS task. Separate charts are provided because this too is funded by EM.**

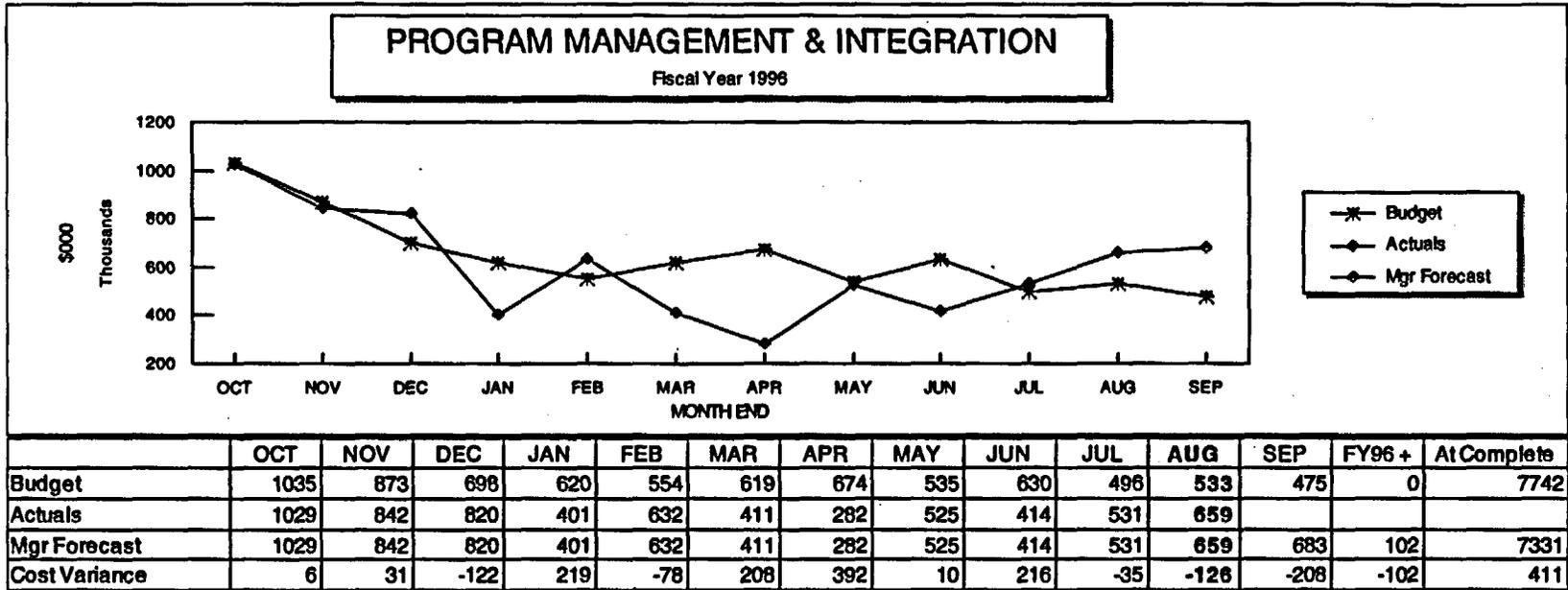


Figure 20. Program Management and Integration Financial Status (for M&O only)

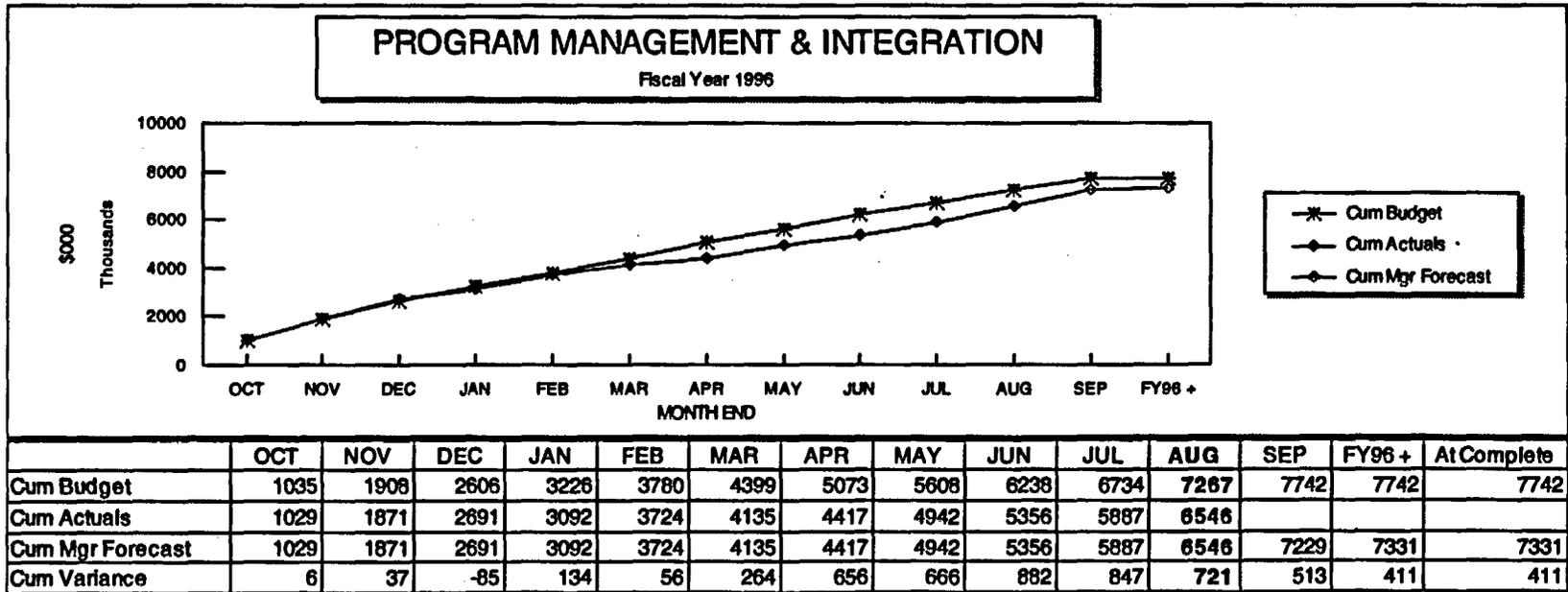


Figure 21. Program Management and Integration Cumulative Financial Status (for M&O only)

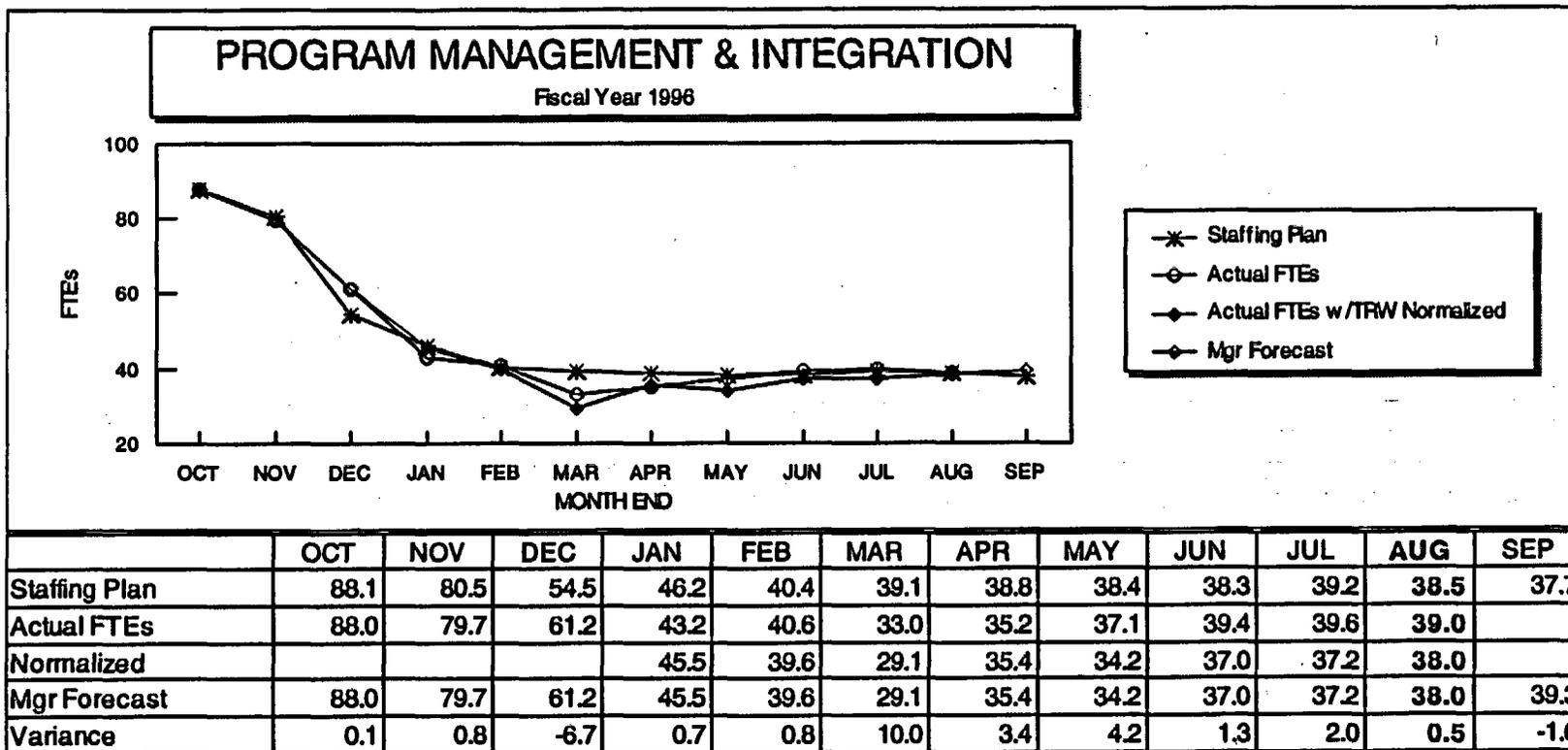


Figure 22. Program Management and Integration Staffing (M&O only)

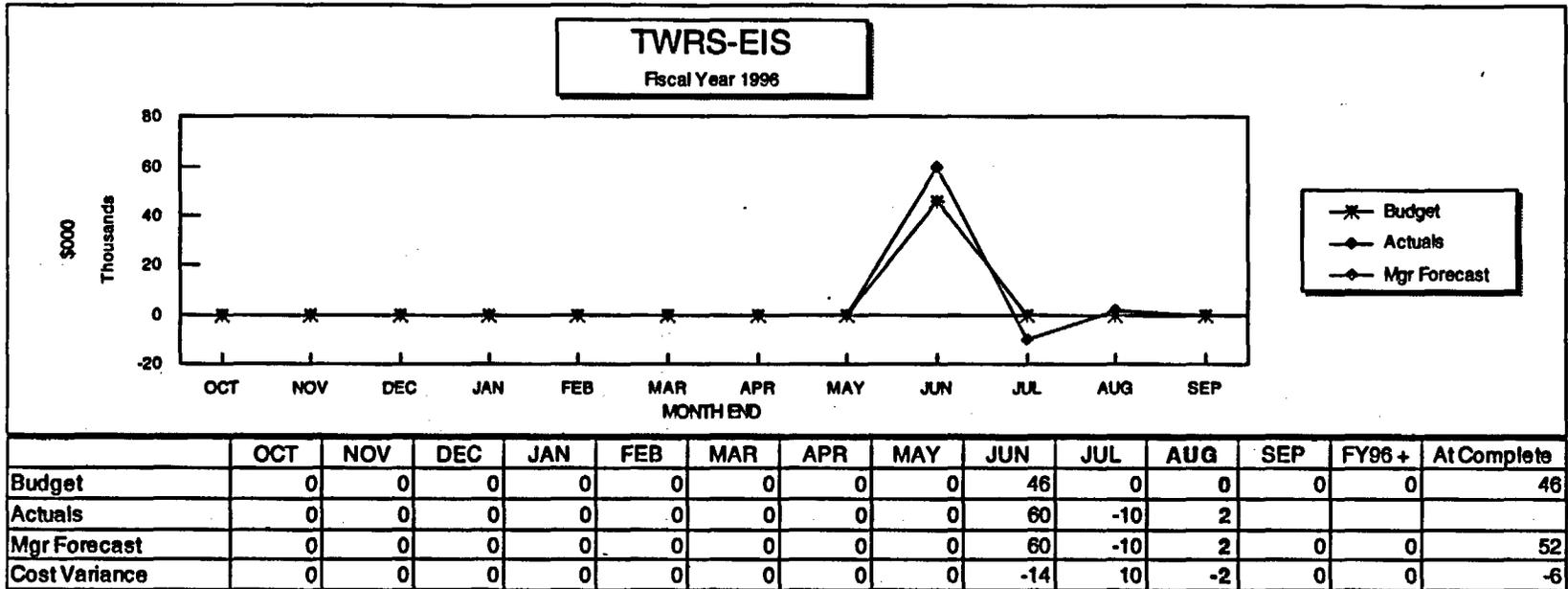


Figure 23. TWRS-EIS Financial Status (for M&O only)

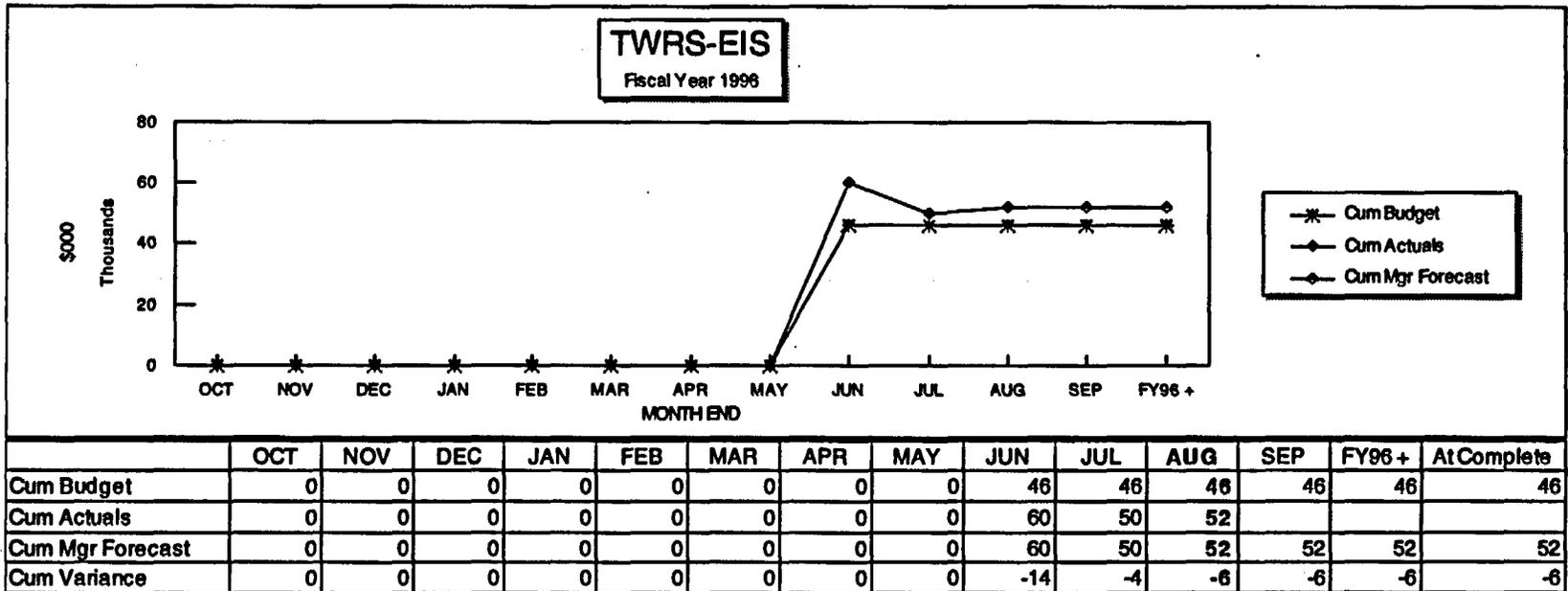


Figure 24. TWRS-EIS Cumulative Financial Status (for M&O only)

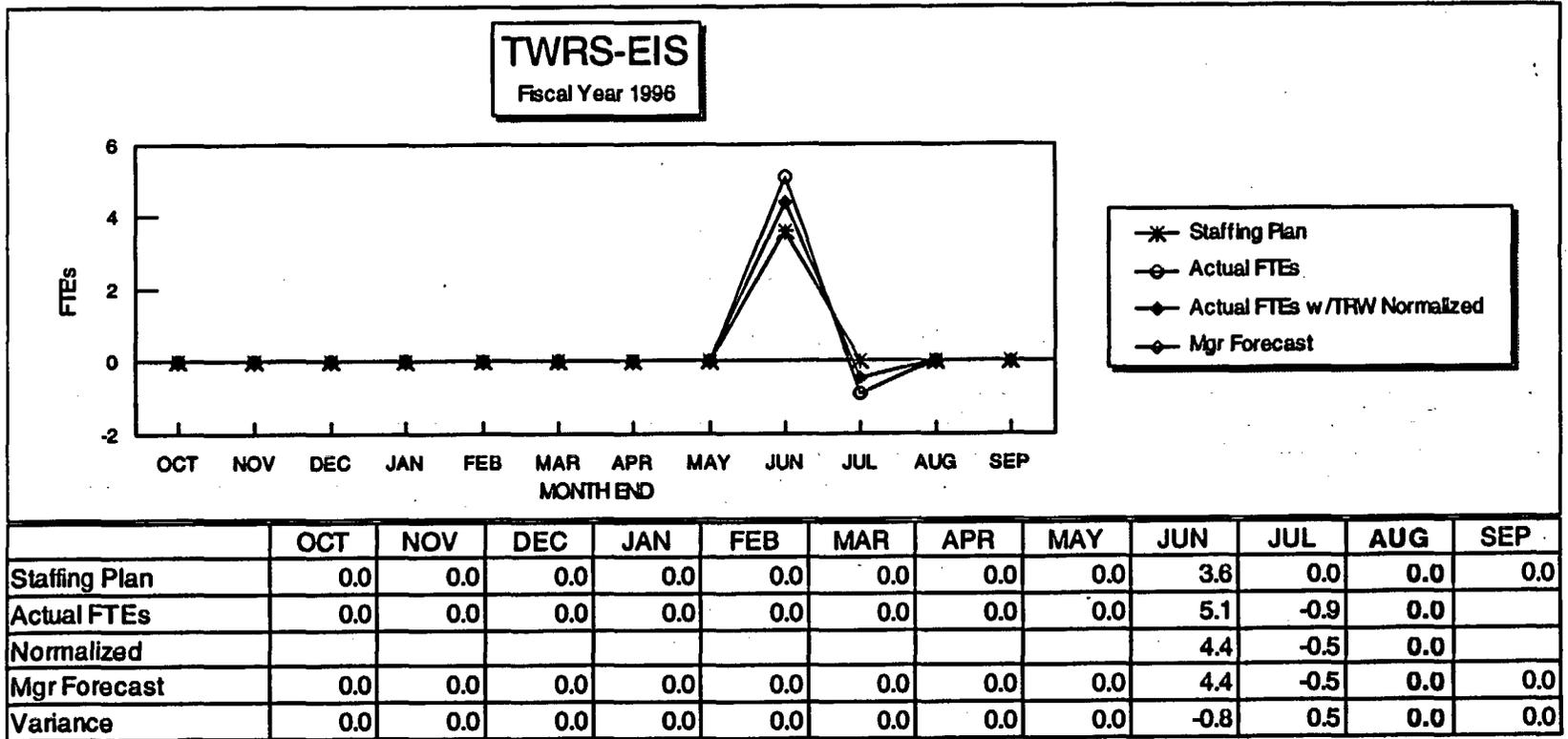


Figure 25. TWRS-EIS Staffing (for M&O only)

WP235

29

August 1996

CONTRACT FUNDS STATUS REPORT (DOLLARS IN THOUSANDS)												
1. CONTRACT NUMBER DE-AC01-91RW00134		3. CONTRACT FUNDING INCREMENTALLY FUNDED		5. PREVIOUS REPORT DATE 31 July 96			7. CONTRACTOR (NAME, ADDRESS) TESS: 2650 PARK TOWER DR.			9. INITIAL FY91 CONTRACT PRICE: \$15,800		
CONTRACT FUNDS STATUS REPORT (DOLLARS IN THOUSANDS)												
1. CONTRACT NUMBER DE-AC01-91RW00134		3. CONTRACT FUNDING INCREMENTALLY FUNDED		5. PREVIOUS REPORT DATE 31 July 96			7. CONTRACTOR (NAME, ADDRESS) TESS: 2650 PARK TOWER DR. VIENNA, VA 22180			9. INITIAL FY91 CONTRACT PRICE: \$15,800		
2. CONTRACT TYPE COST PLUS AWARD FEE		4. APPROPRIATION		6. CURRENT REPORT DATE 31 August 96			8. PROGRAM OCRWM M&O			10. ADJ. TOTAL CONTRACT PRICE: \$880,731		
11. FUNDING INFORMATION												
LINE ITEM WBS ELEMENT a	APPROP. I.D. b	FUNDING AUTHORIZED TO DATE c	ACCRUED EXPENDITURES PLUS OPEN COMMITMENTS d	CONTRACT WORK AUTHORIZED			FORECAST			TOTAL REQUIRE- MENTS WORK k	FUNDS CARRY- OVER (TO FY96) l	NET FUNDS REQUIRED m
				DEFINITIZED (WAD) e	NOT DEFINITIZED (PROPOSED) f	SUBTOTAL g	NOT YET AUTHORIZED h	ALL OTHER WORK i	SUBTOTAL j			
PM&I		\$71,658	\$70,941	\$56,469	\$15,248	\$71,717	\$0	(\$468)	(\$468)	\$71,249		\$71,249
TOTAL		\$71,658	\$70,941	\$56,469	\$15,248	\$71,717	\$0	(\$468)	(\$468)	\$71,249		\$71,249
12.			CONTRACT WORK AUTHORIZED (WITH FEE) - ACTUAL OR PROJECTED									
			ACTUAL TO DATE	Sept							Beyond FY 96	AT COMPLETION
a. OPEN COMMITMENTS			\$601	\$102							\$0	\$0
b. ACCRUED EXPENDITURES			\$70,340	\$71,063							\$71,249	\$71,249
c. TOTAL (12a + 12b)			\$70,941	\$71,165							\$71,249	\$71,249
13. FORECAST OF BILLINGS			\$70,352	\$723							\$186	\$0
14. ESTIMATED TERMINATION COSTS			\$1,628	\$1,628								
REMARKS												

Figure 26. Program Management and Integration CFSR

CONTRACT FUNDS STATUS REPORT (DOLLARS IN THOUSANDS)												
1. CONTRACT NUMBER DE-AC01-91RW00134		3. CONTRACT FUNDING INCREMENTALLY FUNDED		5. PREVIOUS REPORT DATE 31 July 96			7. CONTRACTOR (NAME, ADDRESS) TESS: 2650 PARK TOWER DR. VIENNA, VA 22180			9. INITIAL FY91 CONTRACT PRICE: \$15,800		
2. CONTRACT TYPE COST PLUS AWARD FEE		4. APPROPRIATION		6. CURRENT REPORT DATE 31 August 96			8. PROGRAM OCRWM M&O			10. ADJ. TOTAL CONTRACT PRICE: \$880,731		
11. FUNDING INFORMATION												
LINE ITEM/WBS ELEMENT a	APPROP. I.D. b	FUNDING AUTHORIZED TO DATE c	ACCRUED EXPENDITURES PLUS OPEN COMMITMENTS d	CONTRACT WORK AUTHORIZED			FORECAST			TOTAL REQUIRE- MENTS WORK k	FUNDS CARRY- OVER (TO FY96) l	NET FUNDS REQUIRED m
				DEFINITIZED (WAD) e	NOT DEFINITIZED (PROPOSED) f	SUBTOTAL g	NOT YET AUTHORIZED h	ALL OTHER WORK i	SUBTOTAL j			
TWRS EIS	EM	\$0	\$52	\$0	\$48	\$48	\$0	\$6	\$6	\$54		\$54
TOTAL		\$0	\$52	\$0	\$48	\$48	\$0	\$6	\$6	\$54		\$54
12. CONTRACT WORK AUTHORIZED (WITH FEE) - ACTUAL OR PROJECTED												
			ACTUAL TO DATE	Sept							Beyond FY 96	AT COMPLETION
a. OPEN COMMITMENTS			\$0	\$0							\$0	\$0
b. ACCRUED EXPENDITURES			\$52	\$53							\$54	\$54
c. TOTAL (12a + 12b)			\$52	\$53							\$54	\$54
13. FORECAST OF BILLINGS			\$52	\$1							\$1	\$0
14. ESTIMATED TERMINATION COSTS			\$0	\$0								
REMARKS												

Figure 27. TWRS-EIS CFRS

6. HUMAN RESOURCES AND ADMINISTRATION REPORT

Continuing support is provided to meet Program requirements in these areas. Planning for FY 1997 activities has been undertaken with participation of all Program elements through off-site meetings sponsored by OCRWM. Agreements have been reached on priorities and tasks to be performed with the resources available, and FY 1997 plans have been submitted.

The ability to continue providing necessary support in the information resource area (computer and network communications) needs to be monitored closely. A highly competitive market in computer science is causing personnel turnover, and our ability to continue providing skilled support personnel in required areas is impacted by our lack of depth in some key positions.

HIGHLIGHTS

- Camille Kerrigan and Thom Schwartz attended FY 97 annual planning off-site in Boulder, CO with DOE and Las Vegas counterparts. Determined scope of work for FY 1997.
- Completed joint (LV and Vienna) assessment of FY 97 records reprocessing costs. Option of performing all reprocessing in LV recommended to DOE.
- Submitted draft FY 97 annual plan to DOE for review.
- The Records Processing Center has successfully worked off the records backlog. Processing of records is now current with daily records received.
- Participated in video conference with M&O Information Management, Records Management and QA representatives from VA and LV to discuss Electronic Signature usage on the Automated Forms System. Defined an integrated M&O approach and a design standard that will be presented to DOE in September.

PERFORMANCE DATA

- Figures 28 through 31 represent key financial information for Human Resources and Administration.

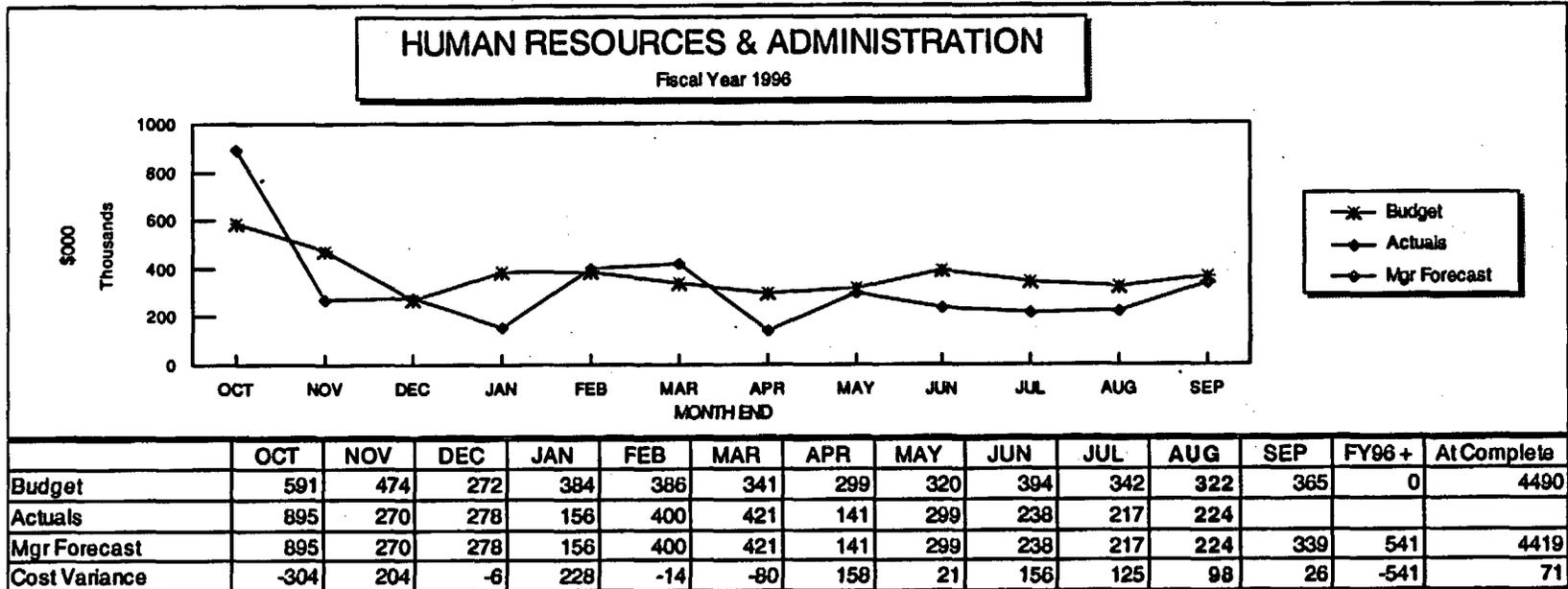


Figure 28. Human Resources and Administration Financial Status (for M&O only)

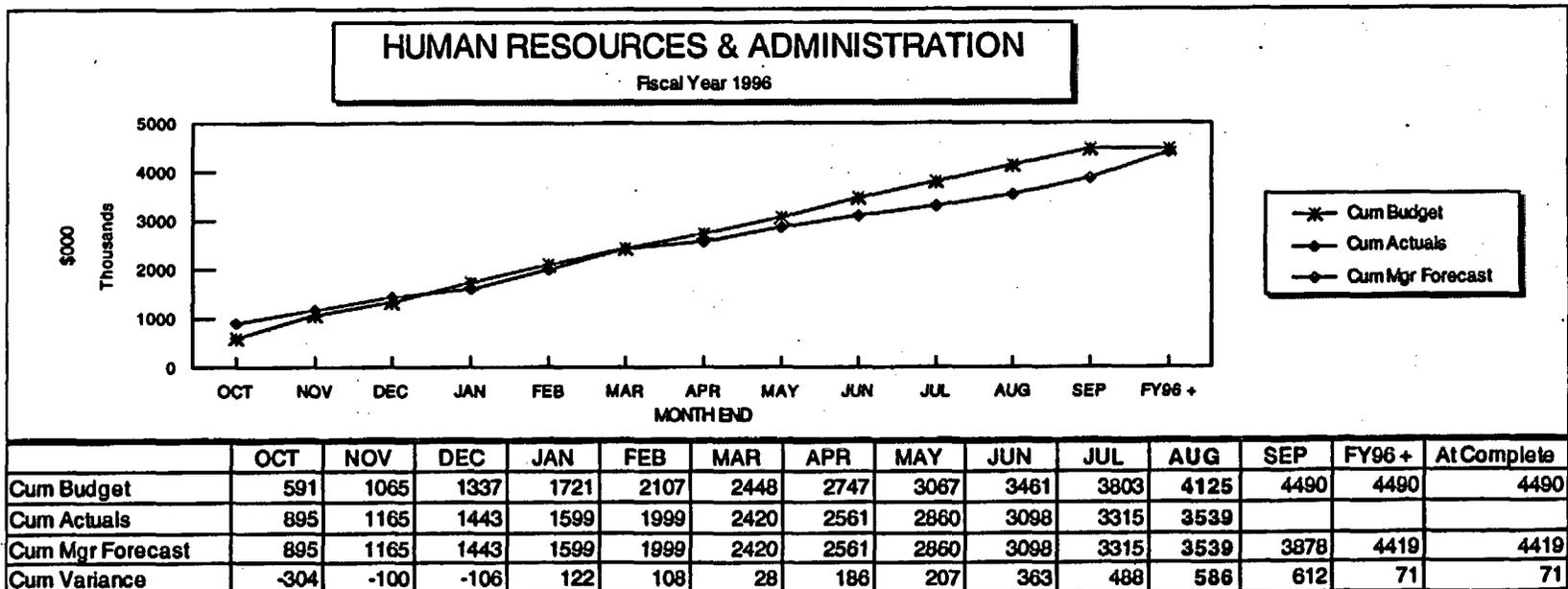


Figure 29. Human Resources and Administration Cumulative Financial Status (for M&O only)

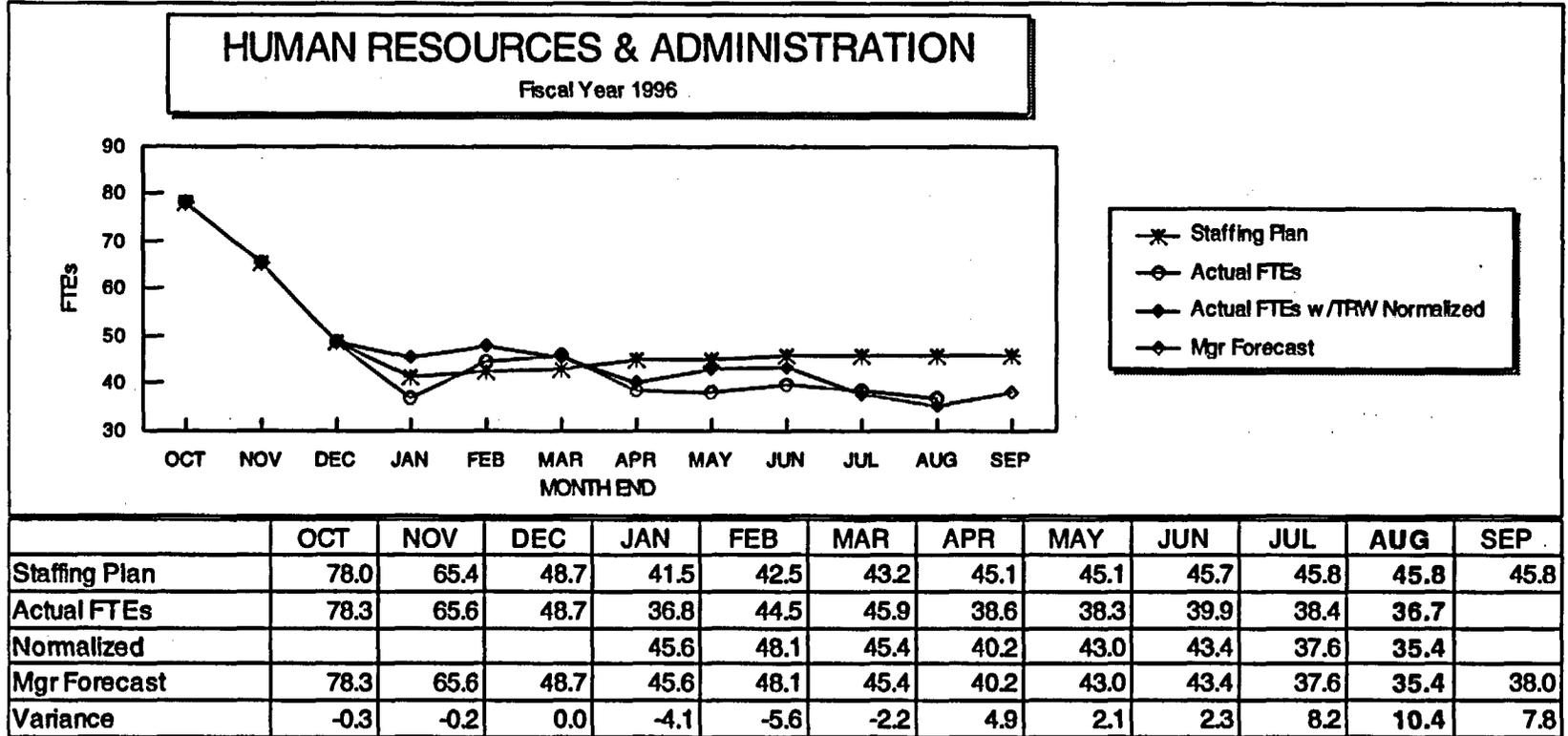


Figure 30. Human Resources and Administration Staffing (for M&O only)

CONTRACT FUNDS STATUS REPORT (DOLLARS IN THOUSANDS)												
1. CONTRACT NUMBER DE-AC01-91RW00134		3. CONTRACT FUNDING INCREMENTALLY FUNDED		5. PREVIOUS REPORT DATE 31 July 96			7. CONTRACTOR (NAME, ADDRESS) TESS: 2650 PARK TOWER DR.			9. INITIAL FY91 CONTRACT PRICE: \$15,800		
CONTRACT FUNDS STATUS REPORT (DOLLARS IN THOUSANDS)												
1. CONTRACT NUMBER DE-AC01-91RW00134		3. CONTRACT FUNDING INCREMENTALLY FUNDED		5. PREVIOUS REPORT DATE 31 July 96			7. CONTRACTOR (NAME, ADDRESS) TESS: 2650 PARK TOWER DR. VIENNA, VA 22180			9. INITIAL FY91 CONTRACT PRICE: \$15,800		
2. CONTRACT TYPE COST PLUS AWARD FEE		4. APPROPRIATION		6. CURRENT REPORT DATE 31 August 96			8. PROGRAM OCRWM M&O			10. ADJ. TOTAL CONTRACT PRICE: \$880,731		
11. FUNDING INFORMATION												
LINE ITEM/WBS ELEMENT a	APPROP. I.D. b	FUNDING AUTHORIZED TO DATE c	ACCRUED EXPENDITURES PLUS OPEN COMMITMENTS d	CONTRACT WORK AUTHORIZED			FORECAST			TOTAL REQUIRE- MENTS WORK k	FUNDS CARRY- OVER (TO FY96) l	NET FUNDS REQUIRED m
				DEFINITIZED (WAD) e	NOT DEFINITIZED (PROPOSED) f	SUBTOTAL g	NOT YET AUTHORIZED h	ALL OTHER WORK i	SUBTOTAL j			
HR&A		\$64,326	\$52,965	\$42,713	\$12,404	\$55,117	\$0	\$7,164	\$7,164	\$62,281		\$62,281
TOTAL		\$64,326	\$52,965	\$42,713	\$12,404	\$55,117	\$0	\$7,164	\$7,164	\$62,281		\$62,281
12. CONTRACT WORK AUTHORIZED (WITH FEE) - ACTUAL OR PROJECTED												
			ACTUAL TO DATE	Sept							Beyond FY 96	AT COMPLETION
a. OPEN COMMITMENTS			\$186	\$541							\$0	\$0
b. ACCRUED EXPENDITURES			\$52,779	\$53,137							\$62,281	\$62,281
c. TOTAL (12a + 12b)			\$52,965	\$53,678							\$62,281	\$62,281
13. FORECAST OF BILLINGS			\$52,779	\$358							\$9,144	\$0
14. ESTIMATED TERMINATION COSTS			\$8,327	\$8,161								
REMARKS												
11i Includes lease termination funding of \$6813 and advance agreement of \$972												

Figure 31. Human Resources and Administration CFSR

7. REPOSITORY ANALYSIS FOR PLUTONIUM DISPOSITION REPORT

HIGHLIGHTS

- Submitted two deliverables, due this month, ahead of schedule to RW/YMSCO. One report dealt with disposing MOX spent fuels into a repository, and the other evaluated the Total System Performance of the plutonium waste forms in a repository.
- Submitted a cost plan for the \$850K budgeted for FY 97 to RW/YMSCO.

PERFORMANCE DATA

- Figures 32 through 35 represent key financial information for Repository Analysis for Plutonium Disposition.

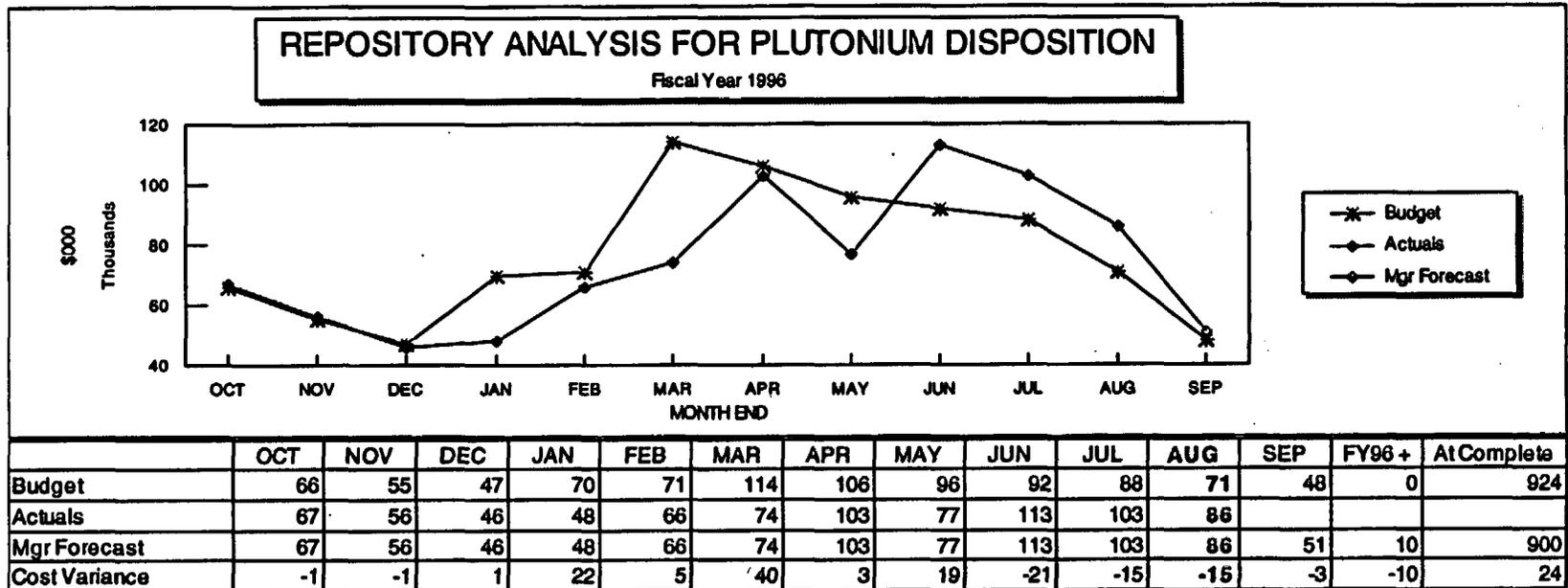


Figure 32. Repository Analysis for Plutonium Disposition Financial Status (for M&O only)

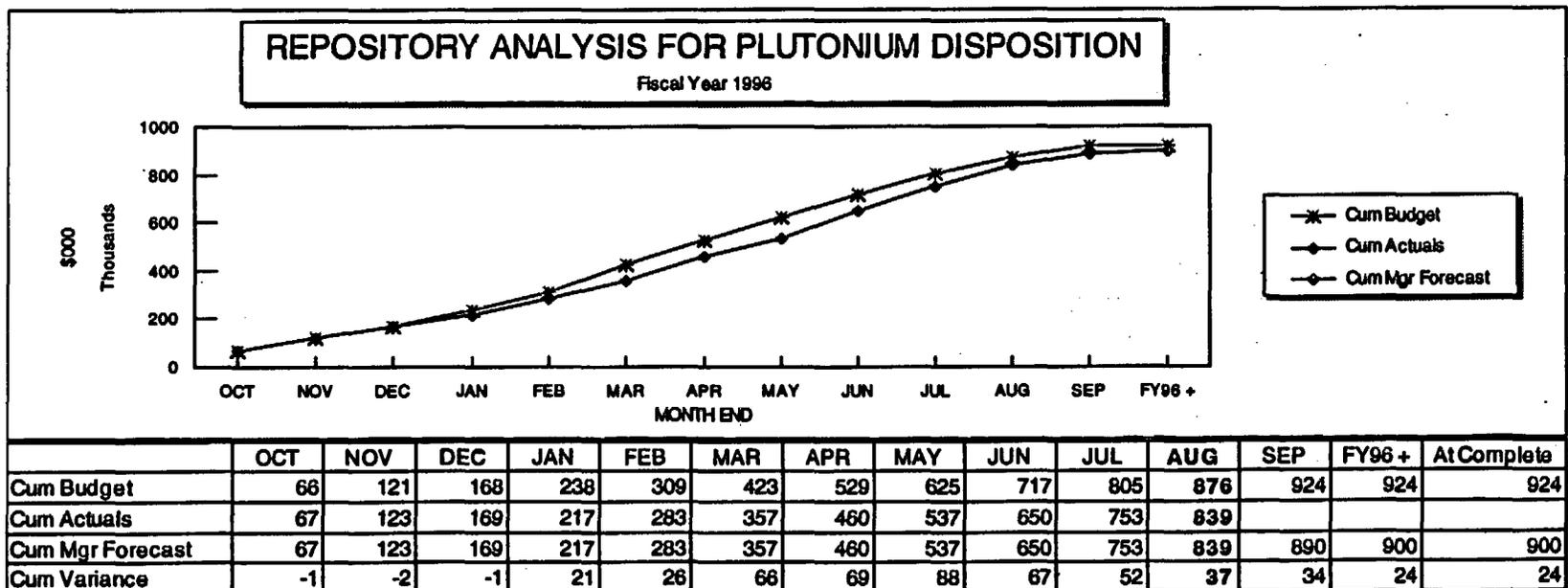


Figure 33. Repository Analysis for Plutonium Disposition Cumulative Financial Status (for M&O only)

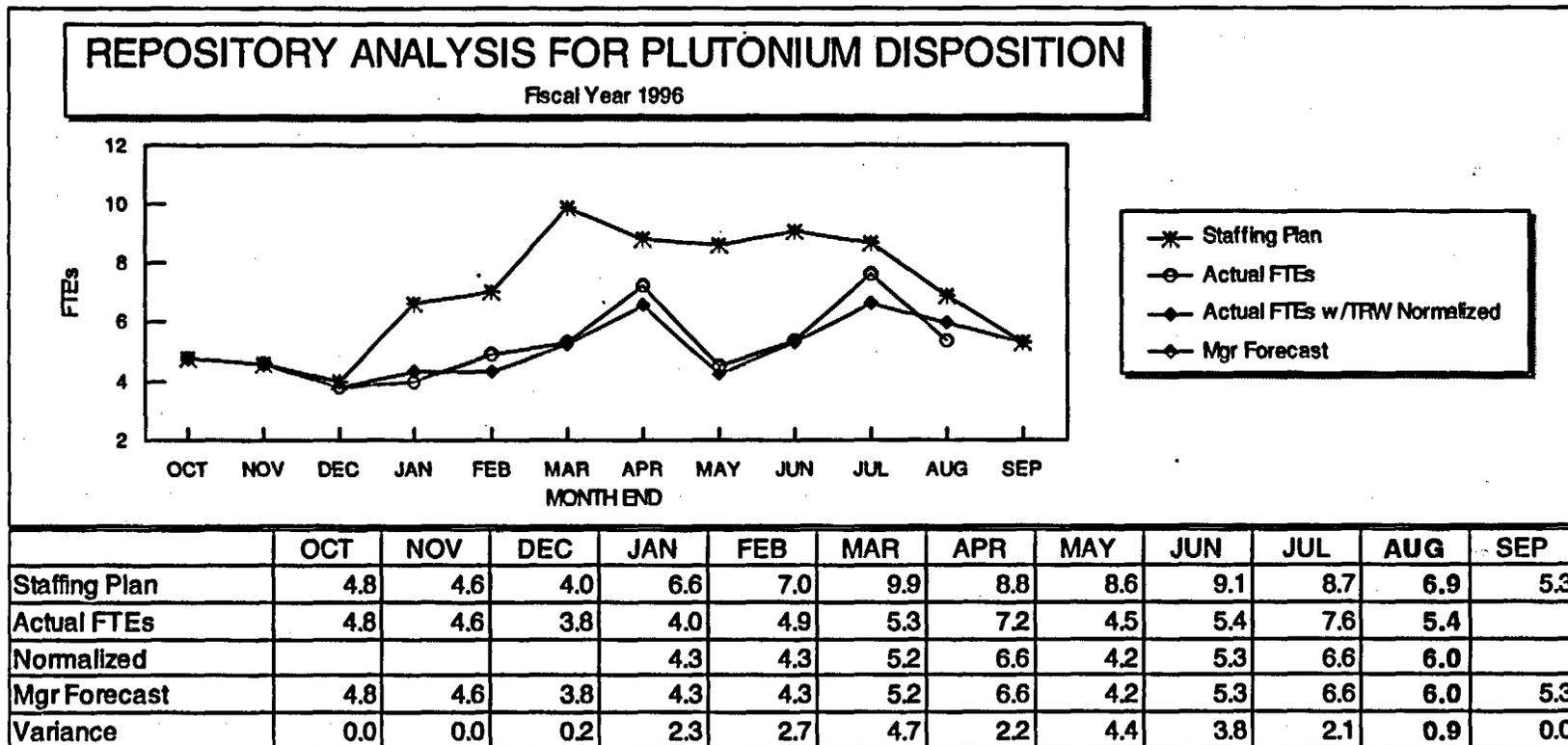


Figure 34. Repository Analysis for Plutonium Disposition Staffing (for M&O only)

WP235

38

August 1996

CONTRACT FUNDS STATUS REPORT (DOLLARS IN THOUSANDS)												
1. CONTRACT NUMBER DE-AC01-91RW00134		3. CONTRACT FUNDING INCREMENTALLY FUNDED		5. PREVIOUS REPORT DATE 31 July 96			7. CONTRACTOR (NAME, ADDRESS) TESS: 2650 PARK TOWER DR.			9. INITIAL FY91 CONTRACT PRICE: \$15,800		
CONTRACT FUNDS STATUS REPORT (DOLLARS IN THOUSANDS)												
1. CONTRACT NUMBER DE-AC01-91RW00134		3. CONTRACT FUNDING INCREMENTALLY FUNDED		5. PREVIOUS REPORT DATE 31 July 96			7. CONTRACTOR (NAME, ADDRESS) TESS: 2650 PARK TOWER DR. VIENNA, VA 22180			9. INITIAL FY91 CONTRACT PRICE: \$15,800		
2. CONTRACT TYPE COST PLUS AWARD FEE		4. APPROPRIATION		6. CURRENT REPORT DATE 31 August 96			8. PROGRAM OCRWM M&O			10. ADJ. TOTAL CONTRACT PRICE: \$880,731		
11. FUNDING INFORMATION												
LINE ITEM/WBS ELEMENT a	APPROP. I.D. b	FUNDING AUTHORIZED TO DATE c	ACCRUED EXPENDITURES PLUS OPEN COMMITMENTS d	CONTRACT WORK AUTHORIZED			FORECAST			TOTAL REQUIRE- MENTS WORK k	FUNDS CARRY- OVER (TO FY96) l	NET FUNDS REQUIRED m
				DEFINITIZED (WAD) e	NOT DEFINITIZED (PROPOSED) f	SUBTOTAL g	NOT YET AUTHORIZED h	ALL OTHER WORK i	SUBTOTAL j			
Repository Impacts	MD	\$2,194	\$2,007	\$1,399	\$701	\$2,100	\$0	(\$78)	(\$78)	\$2,022		\$2,022
TOTAL		\$2,194	\$2,007	\$1,399	\$701	\$2,100	\$0	(\$78)	(\$78)	\$2,022		\$2,022
12. CONTRACT WORK AUTHORIZED (WITH FEE) - ACTUAL OR PROJECTED												
			ACTUAL TO DATE	Sept							Beyond FY 96	AT COMPLETION
a. OPEN COMMITMENTS			\$56	\$10							\$0	\$0
b. ACCRUED EXPENDITURES			\$1,951	\$2,004							\$2,022	\$2,022
c. TOTAL (12a + 12b)			\$2,007	\$2,014							\$2,022	\$2,022
13. FORECAST OF BILLINGS			\$1,951	\$53							\$18	\$0
14. ESTIMATED TERMINATION COSTS			\$332	\$332								
REMARKS												

Figure 35. Repository Analysis for Plutonium Disposition CFSR