



# JACOBS ENGINEERING GROUP INC.

## ALBUQUERQUE OPERATIONS

5301 CENTRAL AVENUE, SUITE 1700, ALBUQUERQUE, NEW MEXICO 87108  
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July 29, 1986

Mr. John G. Themelis  
UMTRA Project Manager  
U.S. Department of Energy  
Uranium Mill Tailings Project Office  
5301 Central Avenue, N.E., Suite 1700  
Albuquerque, New Mexico 87108

Attention: Wanda Fiske

WM Record File \_\_\_\_\_

WM Project 39

Docket No. \_\_\_\_\_

PDR

LPDR \_\_\_\_\_

Distribution:

Sollenberger DEM mk

(Return to WM, 623-SS) \_\_\_\_\_

Re: Revised Pages for Vicinity  
Properties Report  
Contract No. DE-AC04-82AL14086

Dear John:

Please insert the attached pages in your Vicinity Properties Report issued July 22, 1986. Adjustments to these pages were deemed necessary due to the fact that incorrect analyses were included which were not picked up during the review/approval cycle of the reports.

Very truly yours,  
JACOBS ENGINEERING GROUP INC.

Roger L. Williams, Vice President  
Albuquerque Operations Office

RLW:NR:js  
Attachment

VPPR Distribution:

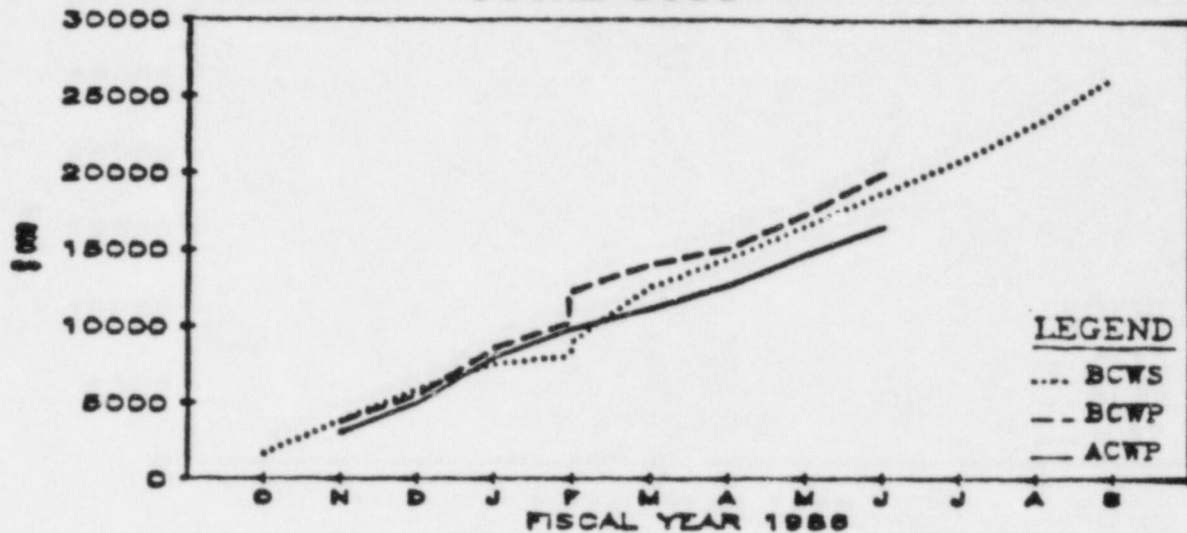
- LBall (GJPO)
- BBerven (ORNL-OR)
- CLittle (ORNL-GJ)
- JHoyal (DOE-A1)
- REWood (DOE-ID)
- RSena (DOE)
- MWhite (DOE)
- CMoore (TAC)
- LBrazley (HDQ)
- MMatthews (DOE)

- NReeves (TAC)
- LLittle (GJPO)
- MMadson (BFEC)
- DSollenberger (NRC)
- RBrich (NRC)
- PStassi (TAC)
- ACHapman (BFEC)
- JOldham (MK-F)
- MMitchell (MK-F)
- JPepin (MK-F)

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PDR WASTE PDR  
WM-39

# VICINITY PROPERTIES

## TOTAL COST



### SUMMARY ANALYSIS - FY '86 (\$000)

Orig. FY86 Baseline Budget	\$24,226.7	Budget at Completion (BCWS)	\$26,287.4
Expenditure to Date (ACWP)	\$16,464.7	Estimate at Completion (EAC)	\$25,947.9
Earned to Date (BCWP)	\$19,990.9	At Completion Variance (ACV)	\$339.5
Cost Variance (Cumulative)	17.6%	CCB Change Required	No
Schedule Variance (Cumulative)	6.8%	CCB Change Amount	0

### PERFORMANCE EVALUATION

The Schedule Variance (SV) for the period is positive, indicating that the Project has earned \$426.9K more than was scheduled in June. The incremental variance is primarily due to BFEC being ahead on remedial action. Additionally, for the period BFEC is ahead on REAs (55%) and remedial action starts (195%) and ORNL is ahead on inclusion/exclusion recommendation (2%).

The cumulative SV for the period ending in June is also positive. The total of \$1269.2K earned over the BCWS is primarily a result of BFEC earning \$1049.8K more for design (REA's) than was scheduled to this point. Cumulative, MK-F is ahead on remedial action starts (115%) and REAs (81%). BFEC is ahead on REAs (25%) and remedial action starts (11%). ORNL is also ahead by 10% on inclusion/exclusion recommendations.

PERFORMANCE EVALUATION  
(Continued)

The Cost Variance (CV) for the period is positive, indicating that the Project has spent \$872.2K less than was earned. This is largely due to BFEC recently awarding bids on properties in Grand Junction scheduled in prior months, increased efficiencies at ORNL, and a favorable cost variance for MK-F remedial action in Salt Lake City. See site-specific reports for details.

The cumulative CV for the period ending in June is positive, indicating that \$3526.2K less has been spent by the Project than scheduled. BFEC is under budget in both design and remedial action due to actual unit costs experienced being less than budgeted. ORNL continues to be under budget in the preparation of recommendations. MK-F continues to keep remedial action costs lower than budgeted.

The At Completion Variance (ACV) is positive, indicating that the vicinity property portion of the Project expects to spend \$339.5K less than was initially budgeted for this fiscal year. At this time, ORNL estimates that they will finish the year \$662.9K under budget. BFEC activities are estimated to be completed within the budgeted cost. MK-F design and remedial action activities are estimated to be over budget at the end of the fiscal year.

BFEC will exceed design and remedial action milestones due to reduced actual unit costs. ORNL will achieve recommendation milestones which surpass the fiscal year plans for the budgeted cost. This is due to actual unit costs being lower than those originally projected and ORNL recommendations being submitted ahead of schedule. Trends indicate that MK-F will exceed their budgeted costs and milestones. The MK-F At Completion Variance is attributed to engineering work being done on complicated properties in the last two months in Salt Lake City and to the additional vicinity property work required by DOE in Canonsburg.

ACCOMPLISHMENTS THIS PERIOD

The following are general highlights of progress in the month of June.

- o 266 inclusion/exclusion recommendations made on properties in Grand Junction (114 inclusions/147 exclusions), Rifle (2 exclusions), Durango (2 exclusions), and Canonsburg (1 exclusion).
- o 67 REAs submitted to DOE on properties in Grand Junction (62), Durango (3), and Salt Lake City (2).