

Rockwell Hanford Operations  
Energy Systems Group  
P.O. Box 800  
Richland, WA 99352

Rockwell  
International

March 15, 1982

In reply, refer to letter #12,545 R41

50-201

PDR  
Return to  
39655

Dr. A. Thomas Clark, Jr.  
West Valley Wastes  
Nuclear Materials Safety and Safeguards  
Nuclear Regulatory Commission  
Washington, D. C. 20555

Dear Dr. Clark:

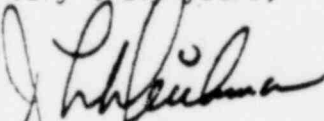
INSPECTION AND EVALUATION OF NUCLEAR FUEL SERVICES  
HIGH-LEVEL WASTE STORAGE SYSTEM

Reference: Statement of Work for Physical Characteristics  
of Waste Tank and Contents at West Valley  
(attachment to letter, August 3, 1979,  
R. W. Brown, Jr., to A. G. Fremling)

Transmitted herewith are four copies of the February 1982 monthly  
report of the subject work, as requested.

If you need additional information, please contact Mr. R. E. Smith  
(FTS 440-2086) of my staff.

Very truly yours,

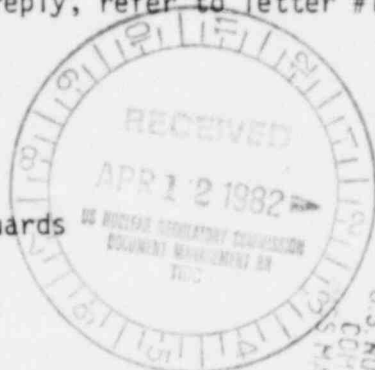


J. L. Deichman, Program Director  
Waste Management

JLD/RES/ccb

Enc. - 4 copies

cc: R. W. Barber - DOE-HQ  
P. E. Rasmussen - DOE-RL  
J. J. Schreiber - DOE-RL  
M. W. Shupe - DOE-RL  
F. R. Standerfer - DOE-RL  
F. H. Allhoff - DOE-SR  
A. T. Clark, Jr. - NRC  
L. C. Rouse - NRC ✓  
Office of  
Director NMSS - NRC  
T. K. DeBoer - NYSERDA



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FEE EXEMPT

20421

## MONTHLY PROGRESS REPORT

WORK PACKAGE: X1 — Inspection and Evaluation of Nuclear Fuel Services High-Level Waste Storage System

WORK PERIOD: February 1982

### WORK OBJECTIVE:

The objective of this project is to determine the condition of the storage tanks and vaults at Nuclear Fuel Services (NFS), West Valley, New York. The information obtained will be used to evaluate the safety of the waste storage system.

### ACTIVITY 1.0 PROGRAM MANAGEMENT

- Progress

Legal proceedings between New York State and Nuclear Fuel Services have been resolved. In its disposition, the court ordered the Department of Energy (DOE) to take over the West Valley site.

A request for proposal (RFP) for field support to Rockwell Hanford Operations (Rockwell) personnel during the inspection work at West Valley was issued to the West Valley Nuclear Services Company (Westinghouse). Subsequent to Westinghouse's review of the RFP, contract negotiations will be initiated to ensure placement of the contract prior to commencement of the field work.

- Problems

None

- Planned Work

Finalize service contract with West Valley Nuclear Service Company.

### ACTIVITY 2.0 TANK AND VAULT INSPECTION

- Progress

The effort to accelerate the delivery date of the transducers reported to have been delayed until late March were successful. A majority of the transducers in question have been received. The balance are scheduled for receipt the first week of March.

- Problems

Completion of both the annulus inspection equipment and ultrasonic testing equipment have been further delayed due to the continued reassignment of cognizant personnel to "higher priority" work. As a result, a detailed catchup schedule has been prepared by the functions involved in performing the work required prior to field inspections. A strategy has been formulated which will reestablish a satisfactory schedule. Weekly statusing of the new schedule will be performed to ensure success.

- Planned Work

Follow catchback schedule for completing the equipment development of the annulus inspection and ultrasonic testing equipment.

Complete fabrication of annulus inspection equipment.

Complete development of ultrasonic test equipment.

Finalize procedures for inspection of high-level waste storage system.

Perform "dry run" at Hanford with inspection equipment.

# PROGRAM MANAGEMENT SUMMARY REPORT

INSPECTION AND EVALUATION OF NFS  
END FUNCTION: HIGH-LEVEL WASTE STORAGE SYSTEM - XI S & R NUMBER: 50-19-01-02 REPORT PERIOD: FEBRUARY 1982

PROGRAM DIRECTOR: J. L. DEICHMAN

PROGRAM MANAGER: R. E. SMITH

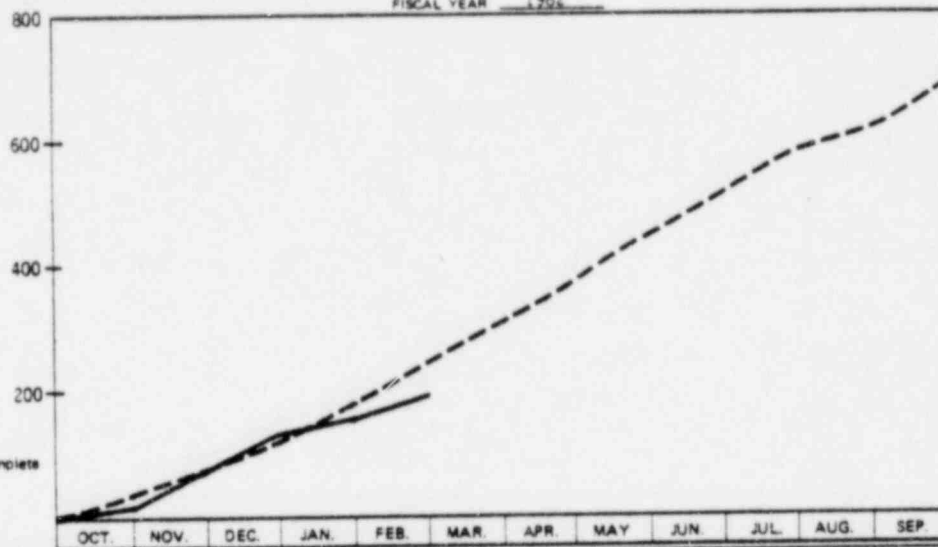
(Dollars in Thousands)

FISCAL YEAR 1982

FINANCIAL PLAN STATUS		
No.	Date	Amount
TBO		\$588
		\$688
Current FY 1982		
Budget \$ 588		

## Legend

--- Budget  
— Actual  
..... Current Estimate To Complete  
MM - Rockwell Equivalent  
Man—Months  
(Over)/ Under



		OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.
MONTH	BUDGET MM	6.2	6.9	7.3	10.8	10.7	10.6	11.7	8.0	4.3	4.1	2.2	2.1
	ACTUAL MM	3.7	7.3	4.8	4.4	6.2							
	BUDGET	34.54/-12		42	77	57	58	69	88	51	74	20	76
	ACTUAL	18	58	44	35	41							
	VARIANCE	12	(16)	(2)	42	17							
FYTD	BUDGET	34	76	118	195	252	310	379	467	518	592	612	688
	ACTUAL	18	76	120	155	196							
	VARIANCE	12	0	(2)	40	56							

## FINANCIAL PLAN VARIANCE

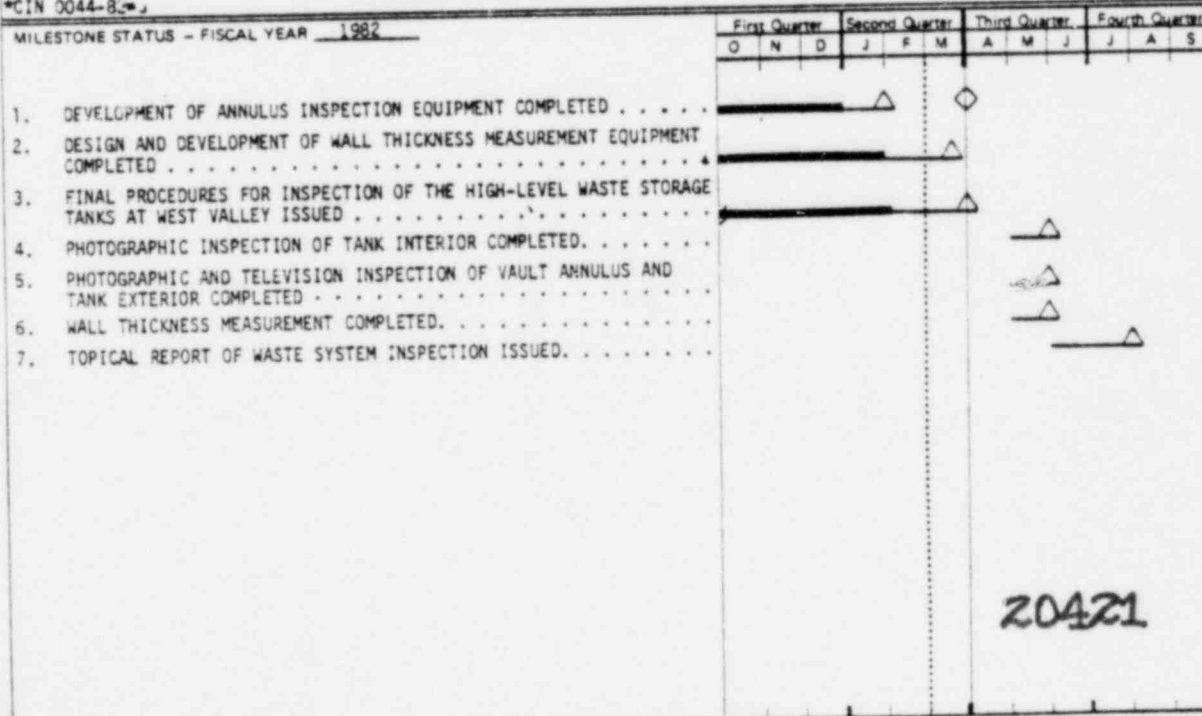
Fiscal year-to-date costs were \$56,000 under the operating budget. Variance is due to continued reassignment of cognizant personnel to "higher priority" programs. Schedule for development of the annulus inspection and ultrasonic test equipment has been impacted.

## Program Impact of FYTD Variance

Catchup schedule has been developed to put program activities back on schedule.

\*CIN 0044-8

MILESTONE STATUS - FISCAL YEAR 1982



## LEGEND:

● Major Milestone    ▲ Key Milestone    \* Completed    — Approved Schedule Deviation (Late)    — Early Completion - Schedule Deviation  
 ✕ Cancelled or Deferred (out of current fiscal year)    ○ Unapproved Schedule Deviation (Late)    \* Time Now