

U. S. NUCLEAR REGULATORY COMMISSION  
OFFICE OF INSPECTION AND ENFORCEMENT  
REGION IV

IE Inspection Report No. 40-8681/80-01

Docket No. 40-8681

License No. SUA-1358

Licensee: Energy Fuels Nuclear, Inc.  
Three Park Central, Suite 900  
1515 Arapahoe  
Denver, Colorado 80202

Facility Name: White Mesa Uranium Mill

Inspection at: San Juan County, Utah

Inspection Dates: April 15 and 24, 1980

Inspectors:

*Terence Shilborn*  
for Harry C. Harrison, Radiation Specialist

*6/6/80*  
Date

*G. R. Brown*  
Dr. Steven R. Abt, Consultant  
(Professor of Civil Engineering  
Colorado State University)

*6/6/80*  
Date

Approved by:

*G. D. Brown*  
G. D. Brown, Chief, Fuel Facility and Material  
Safety Branch

*6/6/80*  
Date

8007170 329

## SUMMARY

Inspection on April 15 and 24, 1980, (Report No. 40-8681/80-01)

The purpose of these unannounced inspections was to verify actions taken with respect to the requirements of License Condition 25.a. ii., iii., and iv.. This license condition was concerned with the proper placement of embankment fill, cell excavation prior to placement of liner system, and intermediate stages during liner placement.

Areas Inspected: Current NRC regulations and applicable civil engineering soil standards. These inspections involved two (2) hours by one NRC inspector and 10 hours by one NRC consultant.

Results: Within the requirements of License condition 25.a.ii., iii., and iv., no items of noncompliance were identified.

## DETAILS

The report details are contained in the following attached documents:

Trip Report of April 18, 1980, by Dr. Steven R. Abt with copy of  
Letter of March 6, 1980, by Goodrich Co. to Energy Fuels Nuclear;  
Letter of May 5, 1980, by Dr. Steven R. Abt to Mr. Glenn Brown; and  
Trip Report of May 9, 1980, by Dr. Steven R. Abt.