

# Umetco Minerals Corporation



WHITE MESA MILL • P.O. BOX 669 • BLANDING, UTAH 84511  
☎ (801) 678-2221

40-8681  
RETURN ORIGINAL TO PDR, HQ.

June 28, 1989  
REPORT NO. 7

Mr. Ramon E. Hall, Director  
U. S. Nuclear Regulatory Commission  
Region IV  
Uranium Recovery Field Office  
Box 25325  
Denver, CO 80225

Re: Cell 4A Tailings Pond Construction

Gentlemen:

During the period June 19, 1989 to June 23, 1989, 5 days  
of construction activity occurred.

These activities consisted of: Placing fill in south and west  
dikes and removal and stockpiling of clay and random material  
from the cell.

Testing activities included:

63 In Place Density Tests (Nuclear)  
16 In Place Density Tests (Sand Cone)  
7 ASTM D-698 Moisture Density Relations  
12 ASTM D 1140-54 Soils Finer Than No. 200 Sieve  
12 ASTM D 4318-84 Atterberg Limits Tests.

Of the tests performed Ten in-place density tests indicated  
moisture content that  
failed to meet specification requirements, and 2 in-place density  
tests indicated densities that failed to meet specification  
requirements

DESIGNATED ORIGINAL

Certified By Mary C. Hood



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PDR ADOCK 04008681  
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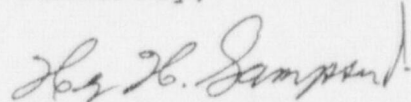
All of the material that failed to meet specified requirements was reworked to meet specifications or was removed from the structure.

Frequency of Testing Activities  
Stated as Tests Per Cubic Yard

<u>This Period</u>	<u>Cumulative</u>	
6/19/89 to 6/23/89	5/17/89 to 6/23/89	
1:569	1:735	In Place Densities And Moisture Content
1:3750	1:4193	Atterberg Limits Tests
1:3750	1:4193	Soil Gradations
1:6429	1:7189	Moisture Density Relations

All individual materials tests and inspection reports are filed in the project files on site.

Sincerely,



Henry H. Sampson, Jr. P. E.  
Q A Consultant  
Umetco Minerals Corporation  
White Mesa Mill

xc: J. S. Hamrick