

APPENDIX A  
U.S. NUCLEAR REGULATORY COMMISSION  
REGION IV  
URANIUM RECOVERY FIELD OFFICE

NRC Inspection Report: 40-6659/85-005

License No. SUA-551

Docket: 40-6659

Licensee: Petrotomics Company  
P.O. Box 2509  
Shirley Basin, Wyoming 82615

Facility: Shirley Basin Uranium Mill

Inspection At: Shirley Basin, Wyoming

Inspection Conducted: October 22-23, 1985

Inspector:

G. R. Konwinski, Project Manager

Date

Approved:

Harry J. Pettengill, Chief  
Licensing Branch 2  
Uranium Recovery Field Office, Region IV

Date

Inspection Summary

Inspection Conducted on October 22-23, 1985 (Report 40-6659/85-005)

The inspection involved a total of 4 hours onsite by one NRC inspector.

Results: Within the one area inspected, no violations were identified.

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DETAILS1. Persons Contacted

\*J. H. Whitman, Manager  
\*S. J. Pfaff, Radiation Safety Coordinator  
J. H. Hines, Assistant Radiation Safety Coordinator

\*Denotes those present at the exit interview.

2. Radioactive Waste Management

On October 22, 1985, the URFO staff traveled to the Petrotomics' facility to perform a construction inspection as required by License Condition No. 25(C) of Source Material License SUA-551. The inspector noted that no buildings associated with milling operations were standing. All buildings and ancillary facilities were dismantled and either buried in-place or disposed of in the tailings impoundment according to license requirements. A tour of the site indicated that there is a minimum of 0.2 feet of cover over a portion of the mill foundation and that cover in excess of 5 feet exists over the rest of the mill disposal areas. This cover was graded and contoured as indicated on Figures 2 and 3 of the licensee's June 4, 1985 submittal, with the exception that the elevations over the entire general mill site area are approximately 4 feet lower than shown on Figure 2. The licensee was informed that their final decommissioning report should amend the above figures with the as-built contours.

While on site the inspector determined that the initial grading and contouring was being adequately performed. The licensee was therefore given verbal approval to proceed with placement of an interim cover of 2 feet of clean overburden over the general mill site disposal area as of October 22, 1985. A subsequent visit to the site by the inspector on the following day noted that the overburden was being placed as required by License Condition No. 25(C).

No violations or deviations were identified by the inspector.

3. Exit Interview

The NRC inspector met with the licensee representatives at the conclusion of the inspection on October 22, 1985. The inspector informed Petrotomics that their work to date was in compliance with

License Condition No. 25(C). Additionally, the inspector noted that Petrotomics could begin placement of the additional interim cover of 2 feet of clean overburden over the entire general mill site disposal area.