

PDR



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D. C. 20555

JUL 14 1980

WMUR:JLK  
Docket No. 40-6659  
SUA-551, Amendment No. 7

Petrotomics Company  
ATTN: Mr. Judd Whitman  
P. O. Box 2509  
Shirley Basin, Wyoming 82615

Gentlemen:

Pursuant to Title 10, Code of Federal Regulations, Part 40, and in accordance with your amendment requests of June 11, 1980 and July 1, 1980, Source Material License No. SUA-551 is hereby amended by revising Conditions No. 16 and No. 25, Part B, to read as follows:

16. Mill tailings other than samples for research or as part of routine analyses for mill circuit control shall not be transferred from the site without specific prior approval of the NRC. The licensee shall maintain a record of all transfers made under this provision.
- 25B. Regarding the groundwater monitoring wells located around the tailings pond the licensee shall:
- 1) Drill three new monitor wells by July 15, 1980 to replace wells RTH 1, 2 and 3 which are not functional wells and submit the following data by July 31, 1980, on these wells:
    - a) Geologic well logs (note lithologic changes and saturated zones)
    - b) Method of drilling, well development
    - c) Casing depths and open intervals
    - d) Well completion information (method and details of gravel packing and grouting)
    - e) Casing elevation above land surface
    - f) Static water level elevation

These wells must be of sufficient diameter to accommodate a submersible pump for representative sample collection.

- 2) Provide by July 14, 1980, the rationale for selection of the locations, depth, and perforated zone for wells RTH 4 and RTH 5.

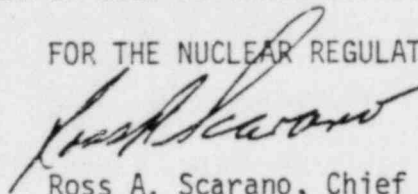
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All other conditions of this license shall remain the same.

The effect of revising Condition No. 16 is to permit the transfer of small amounts of tailings so that the licensee can conduct a research program on tailings management and reclamation. The effect of revising Condition No. 25, Part B, is to extend the dates for new monitor well completion and submission of required data on these wells.

FOR THE NUCLEAR REGULATORY COMMISSION



Ross A. Scarano, Chief  
Uranium Recovery Licensing Branch  
Division of Waste Management