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



SEP 20 1979

MEMORANDUM FOR: Ross A. Scarano, Chief  
Uranium Recovery Licensing Branch, DWM, NMSS

FROM: Robert E. Jackson, Chief  
Geosciences Branch, DSS

SUBJECT: SAFETY EVALUATION INPUT - GEOTECHNICAL ENGINEERING

PROJECT NAME: Shootering Canyon Tailings Retention System  
DOCKET NUMBER: 40-8698 (TAC No. 5063)  
RESPONSIBLE BRANCH: Uranium Recovery Licensing Branch, P. Garcia, LPM  
REVIEW STATUS: Complete

We have completed our safety review of the reports and documents referenced in the enclosed Safety Evaluation Input. These reports were submitted by Plateau Resources Limited in support of its application to construct a tailings impoundment. On the basis of this review, we have concluded that the proposed design of the Shootering Canyon Tailings Retention System is acceptable and meets the intent of Regulatory Guide 3.11, provided that the recommended license conditions attached to our SER are followed. This review was made by D. Gillen, Geotechnical Engineering Section, Geosciences Branch, and the input completes the work requested of the Geotechnical Engineering Section under TAC No. 5063.

*Robert E. Jackson*  
Robert E. Jackson, Chief  
Geosciences Branch  
Division of Systems Safety

Enclosure:  
As stated

cc: w/o enclosure  
J. Martin  
F. Schroeder  
R. Denise

cc: w/enclosure  
See next page