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June 26, 1980 (mailed July 3, 1980)

*express mail*

Ross Scarano  
U. S. Nuclear Regulatory Commission  
1725 Eastern Ave.  
Silver Spring, MD 20910

APPLICATION FOR AMENDMENT TO U. S. NUCLEAR REGULATORY COMMISSION  
SOURCE MATERIAL LICENSE SUA-1371, SEPTEMBER 21, 1979, WITH  
AMENDMENT NO. 1, SEPTEMBER 23, 1979, AND AMENDMENT NO. 2,  
MAY 9, 1980

Dear Mr. Scarano:

This amendment application provides for:

- 1) Revision of referenced source documents.
- 2) Changes in  $U_3O_8$  production authorization.
- 3) Organizational changes.
- 4) Changes in personnel testing procedures to meet Equal Employment Opportunity requirements.
- 5) Use of other NRC approved sampling and analysis methods for determining concentration of Radon 222.
- 6) Compliance with Regulatory Guide 8.15 and NUREG-0041 for respiratory protection.
- 7) Neutralization of tailings liquids only if necessary for recycling through mill.

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Mr. Ross Scarano  
June 26, 1980  
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Substantiating data is presented in Plateau's Environmental Report revised June 16, 1980, and through revised sections, in application format, as outlined in USNRC Regulatory Guide 3.5, Revision 1 (Nov. 77).

Forms furnished by the NRC (Principal Parameters for Radiological Assessment) have been completed and are also included.

Some information submitted in Plateau's revised Environmental Report does not appear to require a license amendment, but reflects Plateau's present plans. For example, changing from dry crushing and sampling to a wet semi-autogenous grinding mill (reducing particulate emissions) and substituting wet scrubbers for dry baghouse filters to lessen the possibility of radiation exposure to personnel performing maintenance.

Please contact me if you have any questions or would like further information.

Sincerely,

William J. Head  
Manager, Land and Licensing

WJH:jkb

Enclosures: As stated  
Amendment Application fee