



Docket 40-8698

PUR
RETURN TO D. CRAMER

General Office: 772 Horizon Drive, Grand Junction, CO 81501
Corporate Office: 212 West Michigan Avenue, Jackson, MI 49201
Registered Office: 141 East First South, Salt Lake City, UT 84111

(303) 245-5460
(517) 787-8415
(801) 534-0734

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June 25, 1981

John B. Martin, Director
Division of Waste Management
Office of Nuclear Material Safety
and Safeguards

Re: Docket No. 40-8698
Source Materials License No. SUA-1371
Amendment No. 3

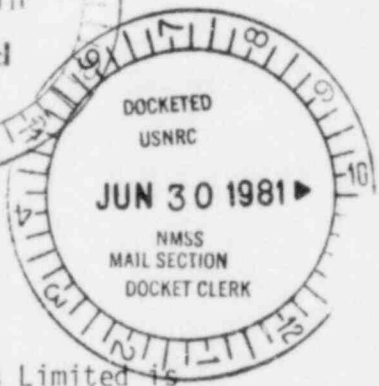
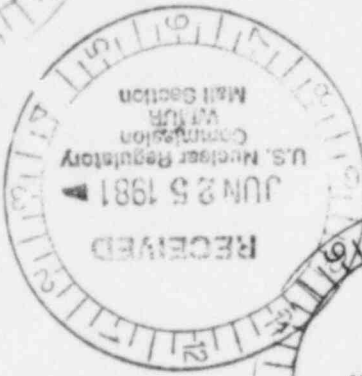
Dear Mr. Martin:

In response to the referenced Amendment No. 3, Plateau Resources Limited is submitting the enclosed documents for your review:

1. Exhibit A: Quality Assurance Program for Plateau Resources Limited Shootaring Canyon Uranium Ore Processing Facility.
2. Exhibit B: Detailed topographic maps showing all environmental sample collection locations, and all of the following within 5 miles (8 km) of any portion of the restricted area boundary: private residences, grazing areas, private and public potable water and agricultural wells, milk cattle, nonresidential structures and uses, mining areas and ore storage pads.

The lower limits of detection (LLD) for sample analysis as specified in Amendment No. 3 are currently being met by the commercial laboratory retained by Plateau Resources Limited with the exception of uranium analyses. Regulatory Guide 4.14 presents the formula for calculation of the LLD by radiological determinations based on Poisson Distribution statistics. In contrast, the Plateau Resources Limited laboratory determines uranium by fluorometry. Thus, the approved method of calculating the LLD for fluorometric uranium determinations is not certain.

In the future, Plateau Resources Limited plans to acquire the equipment to conduct additional analyses in their own laboratory. At that time and when the approved LLD calculational method for fluorometric uranium determinations is identified, Plateau Resources Limited desires to reserve the option to submit the LLD's compatible with their selection of laboratory counting equipment for NRC approval.



FEE EXEMPT

response to 10/1/81
3/26/81

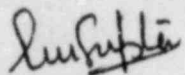
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Add'l Info

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John B. Martin
June 25, 1981
Page 2

If you have any questions or need additional information, please give me a call.

Sincerely,



U.K. Gupta
Process Manager

UKG:pjm

Enclcsure

Exhibit A