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Docket File 40-8698PDR

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Docket No. 40-8698

Plateau Resources Limited
 ATTN: Mr. Fred W. Gerdeman
 Governmental Affairs Supervisor
 772 Horizon Drive
 Grand Junction, CO 81501

Dear Mr. Gerdeman:

We have reviewed Plateau Resources Limited's (PRL's) inorganic chemical groundwater data report entitled "Addendum to Interim Report - Preoperational Environmental Monitoring Program - April 1982," which was submitted by letter dated May 26, 1982. This report was requested by NRC to satisfy preoperational environmental monitoring data requirements for the Shooting Canyon Uranium Project. We have found the reported program to be basically in accordance with PRL's approved Environmental Monitoring Program. However, several items have been identified in the NRC review of your report (see attached memorandum - T. E. Fleming to Docket File No. 40-8698 dated August 27, 1982) as needing further input from PRL.

The items that were identified as needing further input were discussed in a phone conversation between Mr. D. Allen, PRL, and Mr. T. Fleming, NRC, on August 25, 1982. As a result of that discussion, Mr. D. Allen submitted, by letter dated September 13, 1982, the commercial laboratories' Lower Limits of Detection (LLDs) along with a probable explanation for two pH data outliers (Wells RM-1 and RM-2). This information has also been reviewed and considered in the following items which still need further input from PRL.

1. The following data appear to be outliers and should be checked and confirmed by PRL. An explanation should be provided, if available, or these data points will simply be disregarded as spurious.

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<u>Monitoring Location</u>	<u>Sampling Date</u>	<u>Constituent</u>	<u>Outlier Value</u> (mg/l except pH)
RM-6	12/5/74	TDS	<0.20
RM-6	1/9/80	TDS	38.0
Mill #1	1/9/80	TDS	66.0
Mill #2	1/9/80	pH	3.9
Mill #2	1/28/80	Iron	3.0

2. The report contains concentration data for many elements that are lower than the Lower Limits of Detection (LLDs) as presented in PRL's September 13, 1982 letter. Provide an explanation regarding the low values reported.
3. All lower limits of detection presented in the data that are different from the lower limits of detection listed in PRL's September 13, 1982 letter should be explained.
4. Chemical seep water quality data should be provided.

We ask that you provide a response to the above items by December 1, 1982. Should there be any questions, or should you require any further information, please contact Mr. Thomas E. Fleming of my staff at (301) 427-4648.

Sincerely,

Harry J. Pettengill, Section Chief
Uranium Recovery Field Office

Enclosure:
Memo to Docket File 40-8698
fm T. Fleming dtd 8/27/82

40-8698/mne/82/10/14/0

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