



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
REGION IV  
URANIUM RECOVERY FIELD OFFICE  
BOX 26326  
DENVER, COLORADO 80226

DEC 05 1990

URFO:CDMC  
Docket No. 40-8698  
04008698890E

MEMORANDUM FOR: Docket File No. 40-8698  
FROM: Cynthia D. Miller-Corbett, Project Manager  
SUBJECT: PLATEAU RESOURCES, SHOOTARING CANYON PROCESSING FACILITY:  
SEMIANNUAL EFFLUENT MONITORING REPORT FOR JANUARY TO JUNE,  
1990

The NRC has reviewed the Effluent Monitoring Report submitted by Plateau Resources for the Shootaring Canyon Processing Facility, with cover letter dated July 17, 1990. This document is submitted in compliance with Source Material License SUA-1371, License Condition Nos. 31, 32, and 33.

The effluent monitoring program includes analyses of ground-water samples collected from four wells. Three of these wells RM-4, RM-5, and RM-6 are point of compliance wells. Samples are analyzed for U-nat, Ra-226, arsenic, selenium, chloride, and pH. A comparison of radionuclide concentrations reported in this submittal with concentrations reported in the previous, 1989, monitoring report reveals that the 1990 concentrations do not significantly deviate from the 1989 values. The 1990 data for the other elements show that all sample concentrations of arsenic, selenium, and chloride are less than the threshold limits set forth in License Condition No. 33(D). Although the pH values are above the established limit, these values are comparable to the numbers reported in the two previous semiannual reports.

In summary, the licensee is in compliance with requirements of Source Material License SUA-1371. There are no apparent significant trends for the ground-water elements reported. No further licensee action is required at this time.

*Cynthia D. Miller-Corbett*  
Cynthia D. Miller-Corbett  
Project Manager

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PDR ADDCK 04008698  
C PDR

Case Closed: 04008698890E

PM: URFO Cmc  
CDMCorbett/db  
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bcc:

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PDR/DCS  
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8698/890E/CDMC/90/11/29/M