



UNITED STATES
NUCLEAR REGULATORY COMMISSION

Return to URFO 467-53
Docket 40-8698
PDR

REGION IV
URANIUM RECOVERY FIELD OFFICE
BOX 25325
DENVER, COLORADO 80225

NOV 29 1982

URFO:TEF
Docket No. 40-8698
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MEMORANDUM FOR: Docket File No. 40-8698
FROM: Thomas E. Fleming, Project Officer
Uranium Recovery Field Office, Region IV
SUBJECT: REVIEW OF PLATEAU RESOURCES LIMITED'S ANNUAL LAND USE
SURVEY FOR THE SHOOTARING CANYON URANIUM MILL
PURSUANT TO LICENSE CONDITION NO. 37

In accordance with License Condition No. 37 of Source and Byproduct Material License SUA-1371, Plateau Resources Limited (PRL) submitted to NRC by letter dated September 24, 1982 the annual land use survey for the Shootaring Canyon Uranium Mill. The survey is required to identify significant changes pertinent to land use, from those discussed in the Final Environmental Statement (FES), NUREG-0583, dated July, 1979 or in the previous PRL land use survey report which was submitted by letter dated October 24, 1980. The 1980 land use survey indicated that there were no significant land use changes from those described in the FES.

PRL's current land use survey report for October 1, 1981 to September 24, 1982 indicates that there were no significant changes in land ownership or activity on the land within a five mile radius of the mill, as compared to the FES. There has been population changes within the five mile zone. The population changes include the removal of the Shootaring Canyon mining camp (1979 population was 154) and the development of the new town, Ticaboo. Ticaboo's current population is 245 individuals. This population was larger prior to the August 1982 temporary suspension of milling operations and the reduction of mining activity at the Tony M. Mine. The Ticaboo Townsite now houses the nearest residence which is about 2.6 miles south of the mill site. There are no other private residence within the five mile zone.

PRL's land use survey map (Figure 1) shows that there are currently six groundwater wells within a five-mile radius of the mill. Two wells are

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Certified By B Fisher

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located at the Tony M. Mining Area (3.5 miles north of the mill), two wells at the Ticaboo Townsite (2.6 miles south of the mill) which supply Ticaboo with domestic water, and two wells at the mill site which supply water for fire protection, processing, dust control and drinking.

There is no change to the mill site area of 115 acres. Lands surrounding the mill site are occasionally used for cattle grazing. PRL's survey report states that a flock of sheep (estimated at 500 head) passed through the five mile zone on February 8, 1982, approximately one-half mile east of the mill access road, near the base of Mt. Ellsworth.

Based on the above review, I conclude that PRL's land use survey report dated September 24, 1982, satisfies License Condition No. 37 of SUA-1371 and that there is no further action required concerning this report.

Thomas E. Fleming

Thomas E. Fleming, Project Officer
Uranium Recovery Field Office, Region IV

Approved by:

H. J. Pettengill

H. J. Pettengill, Section Chief
Uranium Recovery Field Office, Region IV

Case Closed: 04002698111E