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40-8674/PRH/85/06/12/0

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JUN 18 1985

URFO:PRH  
Docket No. 40-8674  
04008674190E

MEMORANDUM FOR: Docket File No. 40-8674

FROM: Paul R. Hildenbrand, Project Manager  
Licensing Branch 1  
Uranium Recovery Field Office, Region IV

SUBJECT: REVIEW OF 10 CFR 40.65 ENVIRONMENTAL MONITORING  
REPORT FOR THE PLATEAU RESOURCES, LTD'S BLANDING  
ORE BUYING STATION (JULY 1, 1984 THROUGH  
DECEMBER 31, 1984

By letter dated February 28, 1985, Plateau Resources, Ltd. (PRL) submitted an environmental monitoring report for the second half of 1984, in compliance with 10 CFR 40.65 and License Condition No. 29 of Source Material License SUA-1326. No ore was stored or processed at the facility during the reporting period.

Air Particulate Sampling

In accordance with the licensed program, PRL monitored for natural uranium at four air monitoring stations. All reported values were less than 1 percent of MPC for unrestricted areas.

Although not required by license condition, PRL also reported values of Ra-226, Th-230 and Pb-210 for these locations. All reported values were less than 1 percent of MPC for unrestricted areas.

Direct Radiation

Direct gamma radiation was measured at the four air sampling locations using thermoluminescent dosimeters (TLD). Reported data were all less than twice background and were consistent with previously reported values.

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Radon-222 Measurements

Ambient Radon-222 was passively monitored at the four air particulate stations using Track Etch radon cups. All reported values were less than 30 percent of MPC for unrestricted areas and are consistent with previously reported data.

Ground-Water/Surface Water Sampling

In accordance with the licensed program, PRL sampled one onsite well (OBS #2) and a stock pond located in the southeast corner of the property. Reported values were less than 1 percent of MPC for unrestricted areas.

Conclusions

The licensee submitted all data in accordance with License Condition No. 29 of SUA-1358 and 10 CFR 40.65. Upon review of the data, the staff have determined that there are no significant variations from previously reported data, and that all reported values are within applicable limits. No further action is necessary at this time.

/s/

Paul R. Hildenbrand, Project Manager  
Licensing Branch 1  
Uranium Recovery Field Office  
Region IV

Approved by:

/s/

Edward F. Hawkins, Chief  
Licensing Branch 1  
Uranium Recovery Field Office, Region IV

Case Closed: 04008674190E

OFC	: URFO	: URFO	:	:	:	:	:
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