

Docket File 40-8674
 PDR/DCS
 DBangart, RIV
 PHildenbrand
 URFO r/f
 LAnderson, RCPD, UT

40-8674/PRH/85/10/07/0

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OCT 10 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 PLATEAU RESOURCES LTD'S BLANDING ORE
 BUYING STATION (JANUARY 1, 1985 THROUGH JUNE 30,
 1985)

By letter dated August 27, 1985, Plateau Resources Ltd. (PRL) submitted an environmental monitoring report for the first half of 1985 in compliance with 10 CFR 40.65 and License Condition No. 29 of Source Material License SUA-1326. No ore was stored 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 monitored for Ra-226, Th-230 and Pb-210 at these locations. All reported values were less than 2 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 data.

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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 50 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 #1) for U-natural, Ra-226, Th-230 and Pb-210. All reported values were less than 10 percent of MPC for unrestricted areas and were consistent with previously reported data. Surface water was not sampled during this period, due to unavailability.

Conclusions

The licensee has submitted all data in accordance with 10 CFR 40.65 and applicable license conditions. Upon review of their submittal, the URFO staff conclude that there are no significant variations from previously reported data, and that all reported values are within applicable regulatory limits. No further action is required at this time.

/s/

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

Original Signed By
Edward F. Hawkins

Approved by:

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

Case Closed: 04008674190E

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