



UNITED STATES
NUCLEAR REGULATORY COMMISSION

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

FEB 05 1991

URFO:PJG
Docket No. 40-8907
04008907450E

MEMORANDUM FOR: Docket File No. 40-8907
FROM: Pete J. Garcia, Jr., Project Manager
SUBJECT: ENVIRONMENTAL MONITORING REPORT FOR THE CHURCH ROCK MILL

By letter dated August 17, 1990, United Nuclear Corporation (UNC) submitted a semiannual environmental report for the Church Rock Mill. The report covers the period from January through June, 1990. The submittal was in accordance with License Condition No. 12 of Source Material License SUA-1475. The staff review of the data is discussed below.

Airborne Particulate

All results were less than 5 percent of the maximum permissible concentration (MPC) for unrestricted areas.

Radon

The highest net value (gross value minus background) reported was 13 percent of the MPC.

Ground Water

Ground water results are reviewed separately by the staff to verify compliance with Criterion 5 of Appendix A to 10 CFR 40.

Direct Radiation

The highest gross result reported was 6.2 mRem/week, with a background value of 2.0 mRem/week. The staff noted that the first quarter 1990 result for the OCR site (background) was not provided. The General Manager at the Church Rock site was contacted via telecon on January 30, 1990, regarding the missing data. He indicated that the TLD badge for the site had not been provided by the vendor, who provided the badge for the second quarter of 1990 after being contacted by the licensee.

PM: URFO
PJGarcia/db
1/31/91

DD: URFO
EFHawkins
2/1/91

D: URFO: RIV
JREHall
2/1/91

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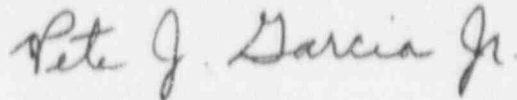
Results were comparable to past data, with the highest result being 6.2 pCi/g RA-226 at Site C.

Environmental Inspection Reports

Inspections were conducted on a monthly basis in the tailings and mill areas. No problems were noted.

Conclusion

The staff concludes that UNC has implemented an environmental monitoring program and submitted all data in accordance with license requirements, with the exception of the missing TLD data discussed above. The issue of the missing data will be evaluated during the next inspection at the Church Rock Mill. No areas of concern were noted during the staff review of the data provided. No immediate action is therefore necessary.



Pete J. Garcia, Jr.
Project Manager

Case Closed: 04008907450E

bcc:
Docket File No. 40-8907
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8907/450E/PJG/91/01/30/M