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SEP 10 1982

WMUR:KLK
Docket No. 40-8697
04008697100E

MEMORANDUM FOR: Docket No. 40-8697
FROM: Kenneth L. Kalman, PM, OFS I, WMUR
SUBJECT: REVIEW OF ROCKY MOUNTAIN ENERGY (RMEC) 1982
SECOND QUARTERLY REPORT, RENO CREEK SITE

Program Status

Pattern 1 was shut down on June 3, 1981 to evaluate restoration stability. The licensee is currently required to monitor this pattern for excursions. There were no excursions noted during this reporting period and the water quality in the pattern appeared to generally remain stable.

Pattern 2 is in the post restoration stabilization phase and has remained fairly stable since it was shut down on April 16, 1982. NRC staff is currently reviewing groundwater stabilization data to evaluate the adequacy of RMEC's restoration efforts. Details of this evaluation will be documented in the near future.

In-plant and Environmental Radiological Air Quality Data

Due to lengthy lab turn-around time, radiometric air particulate data from the first quarter of 1982 was submitted for this review. As described in the previous quarterly report review, the lengthy lab turn-around time does not pose a serious problem in view of the non-operational status of this facility. The data submitted indicates concentrations of radium, thorium and uranium to be less than one percent of the applicable 10 CFR 20 MPCs. Radon gas concentrations ranged from 0-94 percent of the applicable 10 CFR 20 MPCs during this quarter, averaging around 50 percent.

In-plant and environmental TLD/Film data for the second quarter was also provided. Based on this data, any worker exposures would have been well under the 1250 mrem/quarter limit imposed by 10 CFR 20. All values were within the range of natural background.

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Summary and Follow-up Actions

All required monitoring was performed during the quarter and appropriate information submitted. No license violations or potential problems are indicated, consequently, no follow-up actions are necessary.

181

Kenneth L. Kalman, Project Manager
Operating Facility Section I
Uranium Recovery Licensing Branch

Approved by:

181

John J. Linehan, Section Leader
Operating Facility Section I
Uranium Recovery Licensing Branch

Case Closed: 04008697100E

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