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40-8602/SEP/82/07/01/0

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MEMORANDUM FOR: Docket File No. 40-8602
FROM: Susan E. Pantell, Project Manager
New Facilities Section
Uranium Recovery Licensing Branch
Division of Waste Management
SUBJECT: PRE-OPERATIONAL RADIOLOGICAL ENVIRONMENTAL
MONITORING REPORT FOR JULY TO DECEMBER 1981 FOR THE
MORTON RANCH

By letter dated May 6, 1982, Silver King Mines, Inc. submitted the fourth quarter 1981 air particulate data for the six Morton Ranch air sampling locations. This data was missing from their July to December 1981 pre-operational monitoring report. I have reviewed the additional air particulate data, and the following comments are supplemental to the April 22, 1982 "Review of Pre-Operational Radiological Environmental Monitoring Report for July to December 1981 for the Morton Ranch" performed by Mr. Gregory Eadie.

The highest reported concentration of lead-210 during the fourth quarter of 1981 was less than the highest value of 0.0338 pCi/m³ for the second and third quarters of 1981. The highest reported concentrations of uranium and radium-226 for the fourth quarter were slightly higher than the values reported for the second and third quarters. The highest value for uranium increased from 0.00031 pCi/m³ to 0.00077 pCi/m³, and the highest value for radium-226 increased from 0.00007 pCi/m³, to 0.00020 pCi/m³. These air particulate concentrations are considered typical of background values, and no further action is needed.

Original signed by

Susan E. Pantell, Project Manager
New Facilities Section
Uranium Recovery Licensing Branch
Division of Waste Management

Case closed: 0408602110E

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