



UNITED STATES  
NUCLEAR REGULATORY COMMISSION

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

SEP 23 1983

RECEIVED  
SEP 27 1983

URFO:PJG  
Docket No. 40-8584  
04008584281S  
SUA-1350, Amendment No. 12

Minerals Exploration Company  
ATTN: Mr. Chris Z. Hill  
Post Office Box 1500  
Rawlins, WY 82301

Gentlemen:

Pursuant to Title 10, Code of Federal Regulations, Part 40, and in accordance with your submittals dated April 12 and June 10, 1983, Source Material License SUA-1350 is hereby amended by adding Condition No. 53 to read as follows:

53. (a) Mill cleanup and decontamination for the period of mill shutdown shall be in accordance with the licensee's submittal dated April 12, 1983.
- (b) During the period of mill shutdown, specific requirements in Conditions No. 11, 31, 32, 43, and 48 shall be suspended as indicated on Table 1 of the licensee's submittal dated June 10, 1983, with the following exceptions:
- (1) The licensee shall take two in-plant air particulate samples semiannually, one in a representative section of the ore crushing and grinding area and one in a representative section of the yellowcake area. The samples shall be analyzed for U-nat and the results documented.
  - (2) Continuous air particulate and radon monitoring shall be performed at the restricted area boundary downwind of the tailings cell. Filters from the air particulate monitor shall be composited quarterly and analyzed for U-nat, Ra-226, and Th-230. TLD chips for the radon monitor shall be exchanged and read quarterly.

cc: CZH: 9/30/83

- (3) Background air particulate and radon monitoring as specified in Table C-3 of the licensee's revised submittal dated January 5, 1982 shall be resumed at least one year prior to resumption of operations. In addition, all programs and monitoring requirements suspended by License Condition 51(b) shall be resumed at least 30 days prior to resumption of milling operations.
- (c) During the period of mill shutdown, water other than that used for mill cleanup activities shall not be discharged into the tailings cell.
- (d) Prior to resuming operations, the licensee shall inspect all exposed portions of the liner and repair any damage. A report documenting the inspection and repair procedures shall be submitted to the Uranium Recovery Field Office, USNRC, at least 30 days prior to resumption of operations.
- (e) The licensee shall notify the Uranium Recovery Field Office, USNRC, in writing at least 90 days prior to resumption of operations.

All other conditions of this license shall remain the same.

The effect of this amendment is to reduce or suspend certain requirements of SUA-1350 during the period of suspended operations at the Sweetwater Mill. The issuance of this amendment was discussed via telecon between your Messrs. Klein and Hill and Mr. Pete Garcia of my staff on September 20, 1983.

FOR THE NUCLEAR REGULATORY COMMISSION



R. Dale Smith, Director  
Uranium Recovery Field Office  
Region IV