



UNITED STATES
NUCLEAR REGULATORY COMMISSION

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

APR 01 1992

URFO: PJG
Docket No. 40-8903
04008903510E

MEMORANDUM FOR: Docket File No. 40-8903
FROM: Pete J. Garcia, Jr., Project Manager
SUBJECT: ~~AMENDMENT NO. 11 TO~~ SOURCE MATERIAL LICENSE SUA-1471 FOR
THE MILAN MILL

By letter dated January 31, 1992, Homestake Mining Company requested amendment of Source Material License SUA-1471 for the Milan Mill to change the required data for submittal of the performance review of the ground-water corrective action program. License Condition No. 35E currently specifies that the annual performance review be submitted by January 31 of each year. Homestake requests that the submittal date be changed to February 28 of each year to coincide with the submittal of environmental monitoring data in accordance with 10 CFR 40.65 and License Condition No. 15.

The staff concludes that the proposed change in the submittal date for the corrective action program performance review from January 31 to February 28 of each year will not adversely impact licensed programs and is therefore acceptable. The staff therefore recommends that Source Material License SUA-1471 be amended to revise the submittal date for the performance review by modifying License Condition No. 35E to read as follows:

35. The licensee shall implement a compliance monitoring program containing the following:
- A. Implement the monitoring program shown in Table 5-1 of the September 15, 1989, submittal. Additionally, the volumes of water injected and recovered as part of the corrective action program shall be monitored and documented quarterly.
 - B. Comply with the following ground-water protection standards at brine evaporation pond point-of-compliance Wells D1 and BP, at the inactive tailings impoundment point-of-compliance Wells Y and X, and at the active tailings impoundment point-of-compliance Wells S4, S3, M5, and DQ with background being recognized in Well P:

PM: URFO *PJG*
PJGarcia/db
04/1/92

[Signature]
AD: URFO
EFHawkins
04/1/92

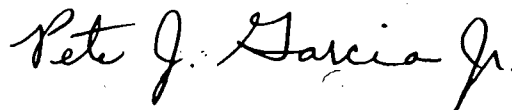
APR 01 1992

chromium = 0.06 mg/l, molybdenum = 0.03 mg/l, selenium = 0.10 mg/l, vanadium = 0.02 mg/l, uranium = 0.04 mg/l, radium-226 and 228 = 5.0 pCi/l, and thorium-230 = 0.30 pCi/l.

- C. Implement the corrective action program described in the September 15, 1989, submittal due to exceeding ground-water protection standards, with the objective of returning the concentrations of chromium, molybdenum, selenium, thorium-230, uranium, and vanadium to the concentration limits specified in Subsection (B).
- D. Operate the lined evaporation pond and enhanced evaporation system as described in the June 8 and 28, 1990, submittals.
- E. Submit a semiannual ground-water monitoring report in accordance with the reporting requirements of 10 CFR 40.65. Also, submit, by February 28 of each year, a performance review of the corrective action program that details the progress towards attaining ground-water protection standards.

[Applicable Amendments: 2, 6]

The issuance of this amendment was discussed via telecon with Mark Hiles of Homestake on March 26, 1992.



Pete J. Garcia, Jr.
Project Manager

Case Closed: 04008903510E

bcc:
LFMB
PDR/DCS
URFO r/f
LJCallan, RIV
LLUR Branch, LLWM
PJGarcia
8903/510E/PJG/92/03/23/M

MATERIALS LICENSE
SUPPLEMENTARY SHEET

License number

SUA-1471, Amendment No. 11

Docket or Reference number

40-8903

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A. Implement the monitoring program shown in Table 5-1 of the September 15, 1989, submittal. Additionally, the volumes of water injected and recovered as part of the corrective action program shall be monitored and documented quarterly.

B. Comply with the following ground-water protection standards at brine evaporation pond point-of-compliance Wells D1 and BP, at the inactive tailings impoundment point-of-compliance Wells Y and X, and at the active tailings impoundment point-of-compliance Wells S4, S3, M5, and DQ with background being recognized in Well P:

chromium = 0.06 mg/l, molybdenum = 0.03 mg/l, selenium = 0.10 mg/l, vanadium = 0.02 mg/l, uranium = 0.04 mg/l, radium-226 and 228 = 5.0 pCi/l, and thorium-230 = 0.30 pCi/l.

C. Implement the corrective action program described in the September 15, 1989, submittal due to exceeding ground-water protection standards, with the objective of returning the concentrations of chromium, molybdenum, selenium, thorium-230, uranium, and vanadium to the concentration limits specified in Subsection (B).

D. Operate the lined evaporation pond and enhanced evaporation system as described in the June 8 and 28, 1990, submittals.

E. Submit a semiannual ground-water monitoring report in accordance with the reporting requirements of 10 CFR 40.55. Also, submit, by February 28 of each year, a performance review of the corrective action program that details the progress towards attaining ground-water protection standards.

[Applicable Amendments: 3, 4, 5, 7, 8, 10, 11]

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FOR THE NUCLEAR REGULATORY COMMISSION

Date

APR 01 1992

Edward F. Hawkins
Edward F. Hawkins, Acting Director
Uranium Recovery Field Office
Region IV