



UNITED STATES  
NUCLEAR REGULATORY COMMISSION

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

OCT 13 1989

URFO:ROG  
Docket No. 40-8084  
SUA-1119, Amendment No. 24  
04008084160R

Rio Algom Mining Corp.  
La Sal Route  
Moab, Utah 84532

Gentlemen:

Pursuant to Title 10, Code of Federal Regulations, Part 40, and in accordance with your submittals dated April 29, 1989, May 19, 1989, and September 28, 1989, Source Material License SUA-1119 is hereby amended by adding License Condition No. 45(F) and revising License Condition Nos. 45(A), 45(B), 45(C), 45(D), 45(E) and 54 to read as follows:

45. The licensee shall comply with the following:

- A. DELETED by Amendment No. 24.
- B. For the lower tailings pond, the licensee shall maintain at least 8.5 feet of freeboard during the period of May 1 through October 31 and at least 8.5 feet of freeboard during the period of November 1 through April 30, between the maximum pond operating level and Stage I dam crest elevation of 6651 feet msl. Further, the licensee shall maintain at least 7.5 feet of freeboard during the period of May 1 through October 31 and at least 4.0 feet of freeboard during the period of November 1 through April 30, between the maximum pond operating level and the Stage II dam crest elevation of 6661 feet msl.
- C. The water level in the lower tailings pond shall be read and recorded weekly, unless the pond is receiving tailings, in which case, the water level will be read and recorded daily.
- D. During normal operations, at least 25 feet of beach shall be maintained between the crest of the lower tailings dam and the ponded water.
- E. DELETED by Amendment No. 24.
- F. After heavy storm runoff, the licensee shall drain Bisco Lake back to an elevation of 6715 feet msl or less and the lower tailings pond water level to levels specified in License

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Condition No. 45(B) above, as soon as possible, but in no case longer than thirty (30) days.

54. In accordance with submittals dated February 21, March 31, May 19, and September 28, 1989, the licensee is authorized to dispose of a maximum of 35,000 cubic yards of coal ash, contaminated mill wastes, soil, waste rock, and Bisco Lake sediment within the location shown in the licensee's March 31, 1989 submittal. Materials will be disposed of according to procedures described in the March 31, 1989 submittal. The disposal shall be completed by August 31, 1990, and shall be documented.

The purpose of this amendment is as follows:

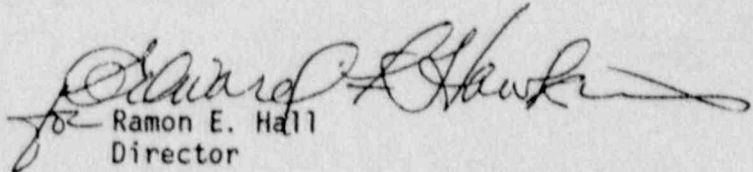
1. To delete the requirement for maintaining at least 2.75 feet of freeboard in the Upper Pond (License Condition No. 45(A)).
2. To approve your request to reduce the minimum freeboard required for the Lower Pond from 11 feet to 8.5 feet during the summer months and to 5.0 feet during the winter months (License Condition No. 45(B)).
3. To delete the requirement for monitoring the water level in the Upper Pond (License Condition No. 45(C)).
4. To approve your request to reduce the beach required in the Lower Pond from 100 feet to 25 feet (License Condition No. 45(D)).
5. To delete the requirement for submittal of a proposal for engineering design modification to increase the tailings impoundment capacity or to divert additional flood waters away from tailings (License Condition No. 45(E)).
6. To add a new license condition to allow up to 30 days for draining Bisco Lake and the Lower Pond following periods of extreme rainfall or snow melt (License Condition No. 45(F)).
7. To increase the amount of contaminated material that can be disposed of at the toe of the Upper Embankment from 20,000 cubic yards to 35,000 cubic yards (License Condition No. 54).

Throughout the license the initialism for the Nuclear Regulatory Commission has been changed from USNRC to NRC. All other conditions of the license shall remain the same. The license is being reissued to incorporate the revisions discussed above.

OCT 13 1989

The issuance of this amendment was discussed during telephone conversations between Mr. R. S. Pattison, RAMC, and Mr. Ray Gonzales of my staff on September 18 and 26, 1989.

Sincerely,



Ramon E. Hall  
Director

Enclosure:  
Source Material License SUA-1119

Case Closed: 04008084160R