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40-8084/NMS/85/07/11/0

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JUL 19 1985

Docket File 8084
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 URFO r/f

URFO:NMS
 Docket No. 40-8084
 SUA-1119, Amendment No. 4
 04008084560E

MEMORANDUM FOR: Docket File No. 40-8084

FROM: Noah M. Shopenn, Project Manager
 Licensing Branch 2
 Uranium Recovery Field Office, RIV

SUBJECT: AMENDMENT NO. 4 TO SOURCE MATERIAL LICENSE SUA-1119
 FOR THE LISBON MILL

Rio Algom Mining Corp. submitted a letter dated June 28, 1985 requesting an amendment to extend the submittal date of the detailed reclamation plan as required in License Condition No. 52 from July 1, 1985 to September 30, 1985. The extension was requested to allow sufficient time for the licensee to re-estimate the peak runoffs from the probable maximum precipitation event. This is needed to permit the licensee to use more up-to-date data of rainfall distribution than had been used in the original calculations. Additionally, the staff has been reduced at the mill causing delays in the preparation and calculations necessary for the revised submittal.

My review of the information provided by Rio Algom Mining Corp. indicated that it is reasonable to extend the submittal date from July 1, 1985 to September 30, 1985 to allow sufficient time for the licensee to complete a high quality submittal. I therefore recommend that SUA-1119 be amended by revising License Condition No. 52 to read as follows:

52. The licensee shall submit to the USNRC, Uranium Recovery Field Office, by September 30, 1985, a detailed reclamation plan which includes the following:

A. A stabilization plan which details methods to prevent blowing, ponding, and recharge of the tailings;

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- B. A plan to dewater and/or consolidate the tailings;
- C. Plan and cross-sectional views of the final reclaimed area which detail the location and elevations of tailings and cover materials;
- D. Detailed plans for placement of rock or vegetative cover on the final reclaimed tailings pile;
- E. A proposed implementation schedule for items A through D above;
- F. An analysis to show that the proposed type and thickness of soil cover is adequate to provide appropriate attenuation of radon;
- G. An erosion analysis to show that the proposed cover materials will provide long-term isolation of tailings.

Noah M. Shopenn

Noah M. Shopenn, Project Manager
Licensing Branch 2
Uranium Recovery Field Office, RIV

Approved by: *HS*

Harry J. Pettengill, Chief
Licensing Branch 2
Uranium Recovery Field Office, RIV

Case Closed: 04008084560E

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