

Rio Algom Mining Corp.

040080846600

November 18, 1992

Via Facsimile - Original To Follow

Certified Mail

Return Receipt Requested P 899 385 946

RETURN ORIGINAL TO PDR, HQ.

Mr. Ray Gonzales
Uranium Recovery Field Office
U. S. Nuclear Regulatory Commission
Box 25325
Denver, Colorado 80225-0325

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Re: Lisbon Reclamation Information

Dear Mr. Gonzales:

Please find attached as per today's telephone conversation; (1) a corrected drawing of the lower tailings impoundment diversion channel and; (2) calculation of the storage volumes for the lower tailings impoundment area.

In regards to the lower tailings impoundment diversion channel, the contours at the outlet of the channel inadvertently extend beyond the correct contour line to an additional contour line. Thus, as shown on the old drawing, the inlet base elevation contour of 6645 feet inadvertently extends to the 6640 feet contour line on the outlet of the channel rather than stopping at the 6645 foot contour line. This is corrected in the attached map. Corrected Plate 3 maps will be forwarded to your office.

The other attachment as previously noted is a calculation of the storage volumes for the lower tailings impoundment area. These were the values used in the HEC-1 analysis. If there is other information you need please don't hesitate to contact me at (405) 842-1773.

Sincerely,

Bill Ferdinand

Bill Ferdinand, Manager
Radiation Safety, Licensing &
Regulatory Compliance

9301110090 921118
PDR ADOCK 04008084
C PDR

080042

Attachments: As Stated

xc: F. Fossey
M. Freeman
B. Pattison
file

DESIGNATED ORIGINAL

Certified By *Mary C. Hood*

RF02
Add Info
93-0076

CORRECTED CONTOUR LINES
FROM PLATE 3



Tailings Surface - Lower Impoundment

6645' - 0 acres

6646' - 17.7 acres

6647' - 21.1 acres

6648' - 23.8 acres

6649' - 26.1 acres

6650' - 27.9 acres

Elev (ft)	Stage (ft)	Area (acres)	Δ Vol (cc-ft)	Σ Vol (cc-ft)
6645	0	0		
			8.85	
46	1	17.7		8.85
			19.40	
47	2	21.1		28.25
			22.45	
48	3	23.8		50.70
			24.95	
49	4	26.1		75.65
			27.0	
50	5	27.9		102.65