

04008084510E

RIO ALGOM MINING CORP.

40-8084

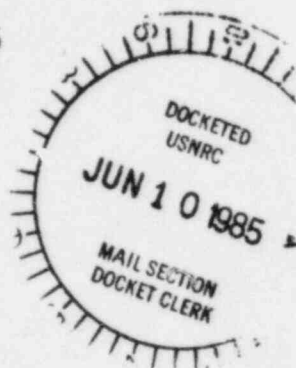
La Sal Route
MOAB, UTAH 84532

RETURN ORIGINAL TO PDR, HQ

Phone: (801) 259-5904

June 6, 1985

Mr. R. Dale Smith, Director
Uranium Recovery Field Office
U. S. Nuclear Regulatory Commission
P. O. Box 25325
Denver, Colo. 80225



Docket No. 40-8084
Source Materials License No. SUA-1119

Re: License Condition No. 52B

Dear Mr. Smith:

As required by License Condition 52B, water level data in the form of potentiometric contours are enclosed for your review.

Major changes in potentiometric contours since February 1984 are overprinted in red on Plate 3 of our groundwater report submitted to you in April 1984: Remedial Action Plan for Groundwater Contamination Control at the Lisbon Uranium Mill. The new contours effectively highlight the drawdown that has taken place by continuously pumping from our pump well No. OWUT9 since November 1983. Table 1 is enclosed to show the quarterly static water elevations required by License Condition 52C. Tables 2 & 3 show water levels and water level changes, respectively, at the north permit boundary.

If you have any questions or require further information, please call.

Yours sincerely,

R. S. Pattison
Plant Superintendent

RSP:pa

Enclosures

Cc: File

8507160176 850606
PDR ADDCK 04008084
C PDR

FEE EXEMPT

DESIGNATED ORIGINAL

Certified By Mary C. Hood

00654

TABLE 1: QUARTERLY STATIC WATER ELEVATIONS

MONITOR WELL NO.	1984				1985	
	JAN	APR	JUL	OCT	JAN	APR
MW1	6515.2	6515.7	6515.5	6515.5	6515.0	6515.2
MW2	6515.9	6515.8	6515.7	6515.8	6515.1	6515.3
MW4	6588.5	6588.8	6588.5	6588.4	6588.3	6588.2
MW5	6573.8	6576.2	6576.8	6577.1	6578.0	6578.8
MW6A	6514.5	6514.8	6514.9	---	---	---
MW7	6567.5	6567.4	6567.6	6567.6	6567.3	6567.4
MW8	6568.3	6568.2	6568.3	6568.6	6569.0	6569.1
MW9	6566.9	6568.0	6568.4	6568.9	6569.4	6569.8
MW10	6567.3	6569.2	6569.5	6570.2	6570.9	6571.3
MW11	6514.4	6514.6	6514.7	6514.6	6513.8	6514.1
MW12	6514.3	6515.3	6515.1	---	---	---
H10	6702.4	6701.2	6699.0	6698.3	6707.8	6711.3
H38	6627.6	6627.5	6627.0	6627.2	6627.0	6626.6
H48	6589.7	6589.6	6587.3	6589.5	6589.3	6589.4
H49	6562.5	6562.5	6561.2	6561.6	6561.7	6561.7
H55	6553.0	6553.0	6585.5	6585.0	6584.6	6584.3
H56	6588.0	6586.9	6587.9	6587.6	6587.5	6587.0
H71	6535.0	6526.5	6510.1	6505.7	6508.2	6509.4
H72	6563.9	6564.0	6564.9	6563.7	6563.3	6563.5
H73	6513.2	6511.6	6513.9	6513.9	6513.1	6504.1
H77	6581.4	6581.6	6581.6	6581.8	6581.5	6580.8
H78	6578.6	6579.4	6580.1	6581.4	6580.7	6581.2
D3	6541.1	6542.1	6542.0	---	---	---
D10	6515.0	6515.4	6518.9	6518.8	6515.0	6515.2
DM80-1	6555.3	6553.2	6552.8	6552.9	6552.7	6547.5
DM80-2	DRY					
DM80-3	6492.2	6492.5	6493.4	---	---	---
DM80-4	6495.4	6495.8	6492.6	---	---	---
RW1	6553.0	6581.0	6579.7	6580.5	6580.0	6580.0
RW2	6580.8	6580.8	6581.6	6581.2	6581.0	6581.0
GW17	6588.2	---	---	---	6585.2	6584.9
GW19	6590.3	---	---	---	6587.3	6588.4
GW20	6587.2	---	---	---	6583.4	6584.7

TABLE 2: NORTH PERMIT BOUNDARY STATIC WATER LEVELS*

MONITOR WELL NO.	1984				1985	
	JAN	APR	JUL	OCT	JAN	APR
DM80-1	6555.3	6553.2	6552.8	6552.9	6552.7	6547.5
MW7	6567.5	6567.4	6567.6	6567.6	6567.3	6567.4
MW8	6568.3	6568.2	6568.3	6568.6	6569.0	6569.1
MW9	6566.9	6568.0	6568.4	6568.9	6569.4	6569.8
MW10	6567.3	6569.2	6569.5	6570.2	6570.9	6571.3
MW5	6573.8	6576.2	6576.8	6577.1	6578.0	6578.8

*See page 4-52 of License Renewal Application

TABLE 3: NORTH PERMIT BOUNDARY - 15 MONTH CHANGE IN SWL.

MONITOR WELL NO.	1984				1985	
	JAN	APR	JUL	OCT	JAN	APR
DM80-1	0	-2.1	-2.5	-2.4	-2.6	-7.8
MW7	0	-0.1	+0.1	+0.1	-0.2	-0.1
MW8	0	-0.1	0	+0.3	+0.7	+0.8
MW9	0	+1.1	+1.5	+2.0	+2.5	+2.9
MW10	0	+1.9	+2.2	+2.9	+3.6	+4.0
MW5	0	+2.4	+3.0	+3.3	+4.2	+5.0