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40-8084

RETURN ORIGINAL TO PDR, HQ.

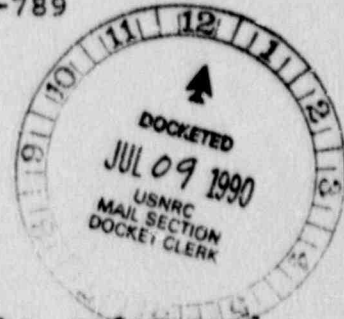
Rio Algom Mining Corp.

Marvin D. Freeman
Vice President

June 29, 1990



Certified Mail
P-568-963-789



Mr. Ramon Hall
Uranium Recovery Field Office
Region IV
U.S. Nuclear Regulatory Commission
P. O. Box 25325
Denver, Co. 80225

RE: License SUA-1119, Docket No. 40-8084

Dear Mr. Hall:

In accordance with the License Condition 53(E) of the referenced license, Rio Algom Mining Corp. (RAMC) hereby submits an application for an Amendment to License SUA-1119 for construction of a clay lined evaporation pond approximately ten (10) acres in size, to be located on the lower portion of the upper tailings pond, to be used in the Groundwater Corrective Action Program.

The pond will have a storage capacity of at least ten (10) million gallons, which RAMC believes is sufficient to allow an average production rate of one hundred (100) gallons per minute, or more, during the period of October 1, 1990 through March 1991. If storage capacity becomes the controlling factor, that prevents RAMC from producing an average of one hundred (100) gpm during that six (6) month period. RAMC will submit an application for a License Amendment by July 1, 1991 outlining its plans to construct the additional capacity needed to maintain the 100 gpm average rate during the winter period.

License Condition 53(d) specifies a "combined flow rate of approximately 100 gpm". We would like to clarify that this was to be the minimum design capacity and that equipment malfunctions and/or declines in well productivity may cause the actual production rate to fall below the 100 gpm rate. It is also RAMC's interpretation that the first semi-annual groundwater monitoring report is due January 1, 1991 and the first Corrective Action Program Review will be included with the report due July 1, 1991.

Attached are 1) a \$150.00 check for the amendment application, 2) Figure 1 showing the general location of the new evaporation pond, and 3) Figure 2 showing construction details for the evaporation ponds. Please call me at (405)848-1187 or Bob Pattison at (801)686-2215 if there are any questions on these attachments.

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DUPLICATE ORIGINAL

Certified By Mary C. Ford

Sincerely,

Marvin D. Freeman
Marvin D. Freeman
Vice-President

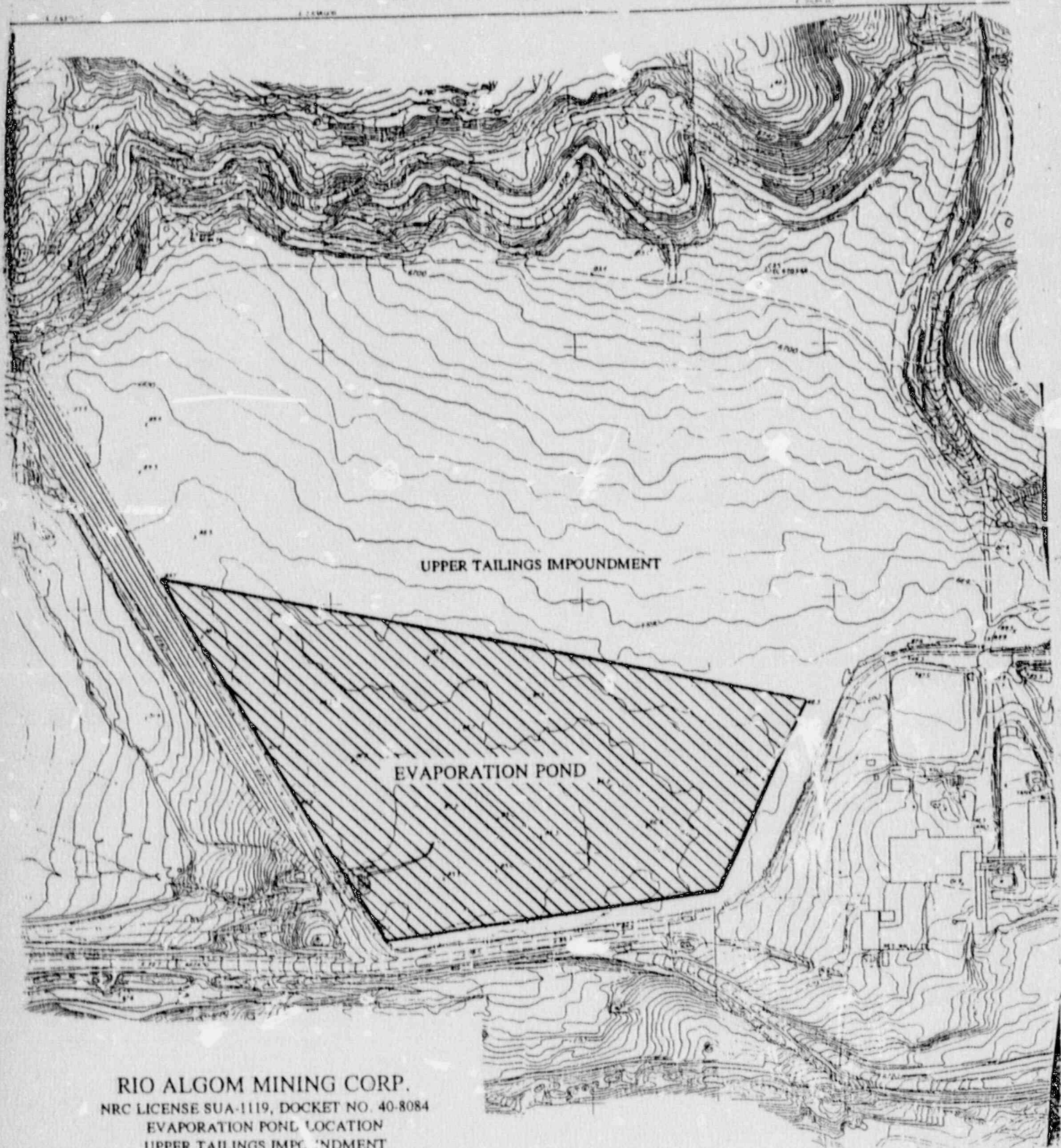
MDF:jet
Attachments: (3 - as stated)
CC: Bob Pattison - w/attachments
File - w/attachments

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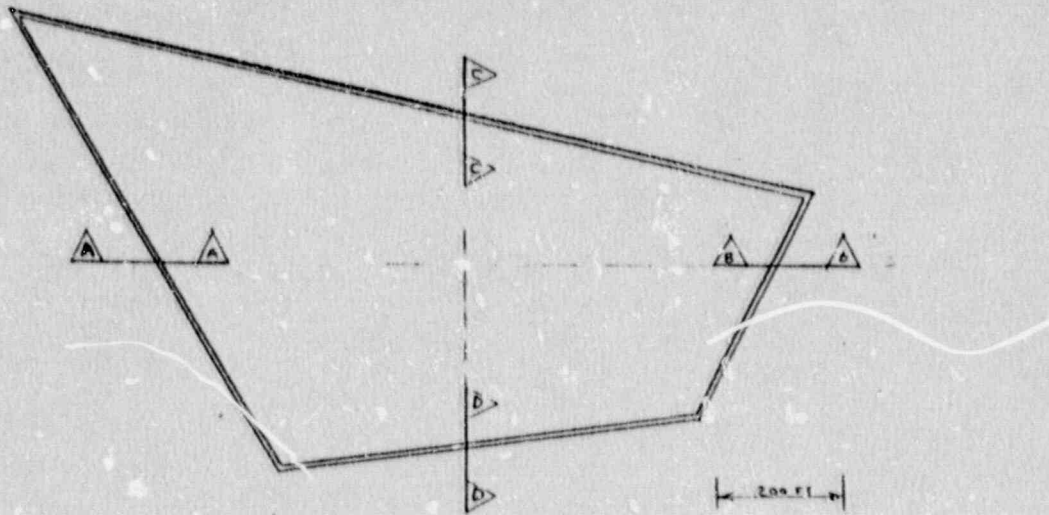
FIGURE 1



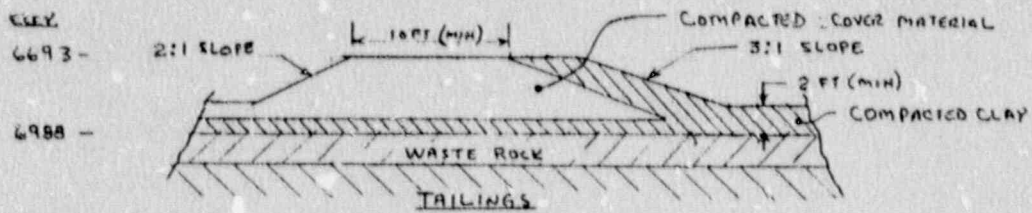
RIO ALGOM MINING CORP.
NRC LICENSE SUA-1119, DOCKET NO. 40-8084
EVAPORATION POND LOCATION
UPPER TAILINGS IMPOUNDMENT

FIGURE 2

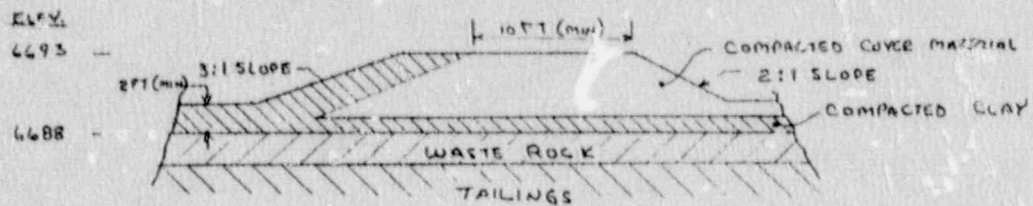
EVAPORATION POND EMBANKMENT CROSS SECTION LOCATIONS



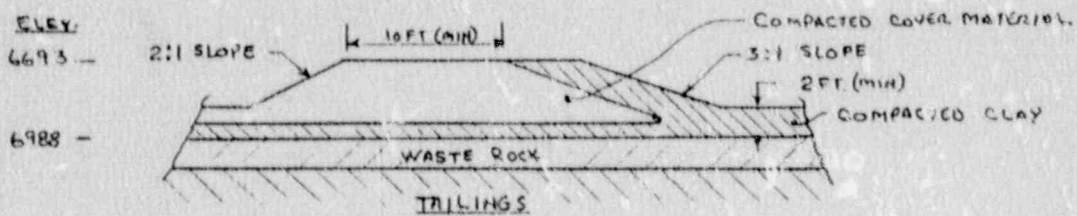
SECTION A-A



SECTION B-B



SECTION C-C



SECTION D-D

