

March 23, 2005

Mr. Peter Luthiger
Manager, Radiation Safety
and Environmental Affairs
Rio Algom Mining LLC
P.O. Box 218
Grants, NM 87020

SUBJECT: 2004 ALARA REVIEW - AMBROSIA LAKE URANIUM MILL FACILITY
SUA-1473

Dear Mr. Luthiger:

Under letter dated March 7, 2005, Rio Algom Mining LLC (Rio Algom) submitted its 2004 ALARA review for the Ambrosia Lake facility. Staff of the U.S. Nuclear Regulatory Commission (NRC) reviewed the report that is a requirement of Source Materials License, SUA-1473. Your report summarizes the actions taken by Rio Algom to maintain occupational exposures As Low As Reasonably Achievable and includes activities associated with demolition of the mill and preparation of Section 4 lined ponds for decommissioning activities.

Staff concludes that the report meets the requirements of the license. All measurements are below action or regulatory limits and no abnormal or unacceptable conditions were noted during the reporting period.

In accordance with 10 CFR 2.390 of the NRC's Rules of Practice, a copy of this letter will be available electronically from the Publicly Available Records (PARS) component of NRC's document system (ADAMS). ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html>.

If you have any questions regarding this letter, please contact me at (301) 415-6699 or via email to JSC1@nrc.gov.

Sincerely,

/RA/

Jill S. Caverly, Project Manager
Uranium Processing Section
Fuel Cycle Facilities Branch
Division of Fuel Cycle Safety
and Safeguards
Office of Nuclear Material Safety
and Safeguards

Docket No.: 40-8905
License No.: SUA-1473

cc: Bruce Law, Rio Algom

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Docket No.: 40-8905
License No.: SUA-1473
cc: Bruce Law, Rio Algom
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*See previous concurrence

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