



# Rio Algom

**William Paul Goranson, P.E.**  
**Manager, Radiation Safety**  
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February 17, 2000

CERTIFIED MAIL      Z 277 714 079  
RETURN RECEIPT REQUESTED

Thomas Essig  
Branch Chief  
U.S. Nuclear Regulatory Commission  
Uranium Recovery Branch  
Division of Waste Management  
Mail Stop T7J-8  
Rockville MD 20850

**Subject:      Corrective Action Program and Alternate Concentration Limits Petition for  
Uppermost Bedrock Units  
Ambrosia Lake  
License No. SUA-1473, Docket No. 40-8905**

Dear Mr. Essig:

Please find attached to this letter, three (3) copies of Quivira Mining Co.'s (QMC) petition for Alternate Concentration Limits for the uppermost bedrock units located at the Ambrosia Lake Mill facility. In addition, an electronic version of this submittal is included on a CD-ROM.

With this petition, Quivira Mining Co. is requesting termination of the groundwater Corrective Action Program consisting of mine dewatering for the uppermost bedrock units. In addition, upon approval of this petition, an incorporation of Alternate Concentration Limits into the source material license in the form of an amendment. This petition has been prepared in a manner consistent with the *Draft Standard Review Plan for the Review of a Reclamation Plan for Mill Tailings Sites under Title II of the Uranium Mill Tailings Control Act* (NUREG-1620).

If you have any questions, please call me at (405) 858-4807.

Sincerely,

William Paul Goranson, P.E.  
Manager, Radiation Safety, Regulatory  
Compliance and Licensing

Enclosures

CC:    U.S. Nuclear Regulatory Commission, Region IV  
      Russell Edge, U.S. Dept. of Energy, Grand Junction Office  
      Kurt Vollbrecht, New Mexico Env. Dept., Groundwater Pollution Prevention Section  
      Marvin Freeman, QMC  
      Terry Fletcher, QMC  
      Peter Luthiger, QMC  
      Russell Jones, Kerr-McGee

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