

MEETING SUMMARY

DATE: June 30, 2004

TIME 1:30 P.M.

PLACE: NRC Headquarters, Rockville, MD

PURPOSE: Management Meeting Regarding Ambrosia Lake Facility Corrective Action Plan - ACL

ATTENDEES: Refer to Attachment

BACKGROUND:

Rio Algom LLC (Rio Algom) submitted an Application for Alternate Concentration Limits (ACL) for its Ambrosia Lake uranium mill facility in February 2000 and June 2001. The U.S. Nuclear Regulatory Commission (NRC) is currently reviewing the application under regulations in 10 Code of Federal Regulations (CFR), Part 40, Appendix A. Rio Algom responded to action items identified during an August 12, 2003, meeting by submitting updates to the application in October 2003.

DISCUSSION:

The purpose of the meeting was to discuss issues associated with NRC's recent review of a Rio Algom submittal (October 2003) that responded to conclusions made by NRC during its review of the ACL application and August 12, 2003, meeting. After a brief summary of conclusions for the morning meeting, the focus turned to the last unresolved issue from the morning meeting which was the bedrock aquifer modeling approach.

Based on information from Rio Algom regarding the modeling of the bedrock aquifer, Rio Algom, NRC management and NRC staff concluded that the uncertainties noted by the NRC staff can be addressed if Rio Algom can demonstrate that the concentrations at the current Point of Compliance (POC) groundwater well are leveling off. Rio Algom stated that the actual POC concentration for constituents are well below the assumed concentration and that the trend in the data showed the concentrations to be leveling off. The NRC agreed that if the data could definitively show that the constituent concentration trend was not upward but flat, then it would consider this result as a conservative parameter when addressing uncertainties with the current model

ACTIONS:

Rio Algom will submit for NRC approval:

1. Additional information, analysis, and graphical summary of the constituent concentrations at the POC for the bedrock aquifer model.

NRC will review this item as soon as possible and provide feedback to Rio Algom.

ATTACHMENT:

List of Attendees



**UNITED STATES
NUCLEAR REGULATORY COMMISSION
HEADQUARTERS**

MEETING ATTENDANCE FORM

Subject: Management Meeting Regarding Ambrosia Lake Facility Corrective Action Plan - ACL

Date: June 30, 2004 Location: Nuclear Regulatory Commission Headquarters, Rockville, MD

PLEASE PRINT ALL INFORMATION LEGIBLY

NAME (e.g. J.B. Doe)	COMPANY TITLE (V.P. Nuclear Operations)	PHONE NUMBER (Area code) XXX=XXXX
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