

June 8, 2010

Mr. Jon Winter  
Manager, Wyoming Environmental  
and Regulatory Affairs  
Uranium One Americas, Inc.  
907 N. Poplar Street, Suite 260  
Casper, Wyoming 82601

SUBJECT: URANIUM ONE EXPLORATION U.S.A., INC., (COGEMA MINING, INC.)  
IRIGARAY AND CHRISTENSEN RANCH PROJECT, CAMPBELL AND  
JOHNSON COUNTIES, WYOMING, SOURCE MATERIALS LICENSE SUA-  
1341, GROUNDWATER RESTORATION REPORT REVIEW, CHRISTENSEN  
RANCH MU2-6, (TAC J00564).

Dear Mr. Winter:

On December 31, 2009, the Nuclear Regulatory Commission (NRC) received Cogema Mining, Inc.'s (Cogema) responses to NRC's February 21, 2009 request for additional information (RAI) on the Wellfield Restoration Report, Christensen Ranch Project, dated March 5, 2008. On January 20, 2010, NRC acknowledged receipt of the RAI responses and indicated Cogema would be contacted at the completion of the Wellfield Restoration Report review. In the interim, the project ownership changed and Uranium One Exploration U.S.A., Inc., (Uranium One) took control of NRC License SUA-1341. While the Wellfield Restoration Report review is not complete at this time, NRC's preliminary review of the RAI responses indicates that monitoring well 5MW66 upper control limit concentrations have continued to increase and uranium concentrations are reported as several times higher than background.

Cogema, and now Uranium One, has been sampling 5MW66, as per Cogema's proposed recommendations to the Wyoming Department of Environmental Quality, dated December 9, 2004, and agreed to by the NRC. However, with the current excursion status of this well, the increasing trends in all upper control limit concentrations and confirmation of uranium several times above background, NRC has determined that corrective action is required consistent with NRC License SUA-1341, License Condition 11.2.

Please note that additional corrective actions or groundwater restoration may be required pending final review of the RAI responses and the Wellfield Restoration Report. If you have any questions regarding this letter, please contact Mr. Ron C. Linton, Project Manager, at (301) 415-7777, or at [ron.linton@nrc.gov](mailto:ron.linton@nrc.gov).

J. Winter

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In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice for Domestic Licensing Proceedings and Issuance of Orders," a copy of this letter will be available electronically for public inspection in the NRC Public Document Room or from ADAMS. ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/NRC/reading-rm/adams.html>.

Sincerely,

**/RA/**

Ron C. Linton, Project Manager  
Uranium Recovery Licensing Branch  
Decommissioning and Uranium Recovery  
Licensing Directorate  
Division of Waste Management  
and Environmental Protection  
Office of Federal and State Materials  
and Environmental Management Programs

Docket No.: 040-08502  
License No.: SUA-1341

cc: G. Mooney (WYDEQ)

J. Winter

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Sincerely,

**/RA/**

Ron C. Linton, Project Manager  
Uranium Recovery Licensing Branch  
Decommissioning and Uranium Recovery  
Licensing Directorate  
Division of Waste Management  
and Environmental Protection  
Office of Federal and State Materials  
and Environmental Management Programs

Docket No.: 040-08502

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