July 28, 2009

Mark Moxley
Environmental Supervisor
Wyoming Department of
Environmental Quality
Land Quality Division
510 Meadowview Drive
Lander, WY 82520

SUBJECT: REQUEST FOR INFORMATION REGARDING STATE RESOURCES POTENTIALLY AFFECTED BY URANIUM ONE AMERICAS' PROPOSED ANTELOPE AND JAB URANIUM PROJECT (Docket 040-09079)

Dear Mr. Moxley:

The U.S. Nuclear Regulatory Commission (NRC) has received an application from Uranium One Americas (Uranium One) for a new radioactive source materials license to develop and operate the Antelope and JAB Uranium Project (an *in-situ* recovery operation) located in Sweetwater County, WY. The proposed project will consist of two project areas: 1) the Antelope Unit located in Township 26N, Range 93 West, Sections 11-15 and 22-24; Township 26N, Range 92 West, Sections 7-12, 14, 15-22, and 28-30 and 2) the JAB Unit located in Township 26N, Range 94 West, Sections 8-10, 13-15, 17, and 20-24. The Antelope Unit will be the location of the main uranium processing facility with the JAB Unit being a satellite operation. A map showing the proposed project location is enclosed (Uranium One Figure 1.2-1).

As established in Title 10 *Code of Federal Regulations* Part 51 (10 CFR 51), the NRC regulation that implements the National Environmental Policy Act of 1969, as amended, the agency is preparing a Supplemental Environmental Impact Statement (SEIS) for the proposed action that will tier off the Generic Environmental Impact Statement for In-Situ Leach Uranium Milling Facilities published by the NRC in May 2009 (NUREG-1910). To support the environmental review, the NRC is requesting information from the State of Wyoming to facilitate the identification of local resources that may be affected by the proposed project. Any information you provide will be used to enhance the scope and quality of our review in accordance with 10 CFR 51. After assessing the information you provide, the NRC will prepare a draft SEIS as will provide your office an opportunity to comment.

The Uranium One Antelope and JAB Uranium Project license application is publicly available in the NRC Public Document Room (PDR) located at One White Flint North, 11555 Rockville Pike, Rockville, Maryland 20852, or from the NRC's Agency Wide Documents Access and Management System (ADAMS). The ADAMS Public Electronic Reading Room is accessible at http://www.nrc.gov/reading-rm/adams.html. The accession numbers for the Environmental Report are ML082830078, ML083100913, ML083101003, ML083101004, ML083101008, and ML083101009.

Please submit any information that you may have regarding this environmental review within 30 days of the receipt of this letter to NRC, Attention: Ms. Andrea Kock, Mail Stop T8F05, Washington, DC 20555. If you have any questions, please contact Ms. Johari Moore of my staff by telephone at 301-415-7694 or by email at johari.moore@nrc.gov. Thank you for your assistance.

Sincerely,

/RA/

Andrea L. Kock, Chief
Environmental Review Branch
Environmental Protection
and Performance Assessment Directorate
Division of Waste Management
and Environmental Protection
Office of Federal and State Materials
and Environmental Management Programs

Enclosure:
Uranium One Figure 1.2-1

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Enclosure:
Uranium One Figure 1.2-1

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