

August 5, 2009

Tom Christiansen
Sage Grouse Coordinator
Wyoming Game and Fish Department
Green River Field Office
351 Astle Avenue
Green River, WY 82935

SUBJECT: REQUEST FOR INFORMATION REGARDING SAGE GROUSE HABITATS
FOR THE PROPOSED LICENSE APPLICATION FOR URANIUM ONE
INCORPORATED'S MOORE RANCH URANIUM RECOVERY PROJECT
(Docket 040-09073)

Dear Mr. Christiansen:

The U.S. Nuclear Regulatory Commission (NRC) has received an application from Uranium One Inc. for a new radioactive source materials license to develop and operate the Moore Ranch Uranium Recovery Project (an *in-situ* recovery operation) located in Campbell County WY. The proposed project will consist of the following area located in Township 42 North, Range 75 West, Sections 26, 27, 33, 34, 35, and 36 and Township 41 North, Range 75 West, Range 75 West, Sections 1, 2, 3, and 4, and Township 42 North, Range 74 West, Section 31.

The location of the Moore Ranch project is close to two currently licensed *in-situ* recovery projects, the AREVA (COGEMA) Christensen Ranch Project and the Power Resources Inc. North Butte License Area. Maps showing the proposed project location are enclosed.

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 a Generic Environmental Impact Statement published in June 2009 (NUREG-1910). In accordance with Section 7 of the Endangered Species Act, the SEIS will include an analysis of potential impacts to endangered or threatened species or critical habitat in the proposed project area.

To support the environmental review, the NRC requested information from the U.S. Fish and Wildlife Service (FWS) to facilitate the identification of endangered or threatened species or critical habitat that may be affected by the proposed project. According to a letter sent to the NRC from the FWS dated May 7, 2008, the FWS indicated that they are currently conducting a review to determine if the greater sage-grouse warrants listing and that you may have more information on the greater sage-grouse habitats within the project area and appropriate mitigative measures to minimize potential impacts to the species. Any information you provide will be used to enhance the scope and quality of our review in accordance with 10 CFR 51 and 50 CFR 402. After assessing the information provided by you, the NRC will determine what additional actions are necessary to comply with Section 7 of the Endangered Species Act.

T. Christiansen

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The Uranium One Inc.'s Moore Ranch Uranium Recovery Project license application is publicly available in the NRC Public Document Room 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 number for the application is ML072851229.

Please submit any comments/information that you may have regarding this environmental review within 30 days of the receipt of this letter to the U.S. Nuclear Regulatory Commission, Attention: Mr. Andrea L. Kock, Mail Stop T8F05, Washington, DC 20555. If you have any questions, please contact Mr. Behram Shroff of my staff by telephone at 301-415-0666 or by email at Behram.Shroff@nrc.gov. Thank you for your assistance.

Sincerely,

/RA/

Andrea L. Kock, Branch 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

Docket No.: 040-09073

Enclosure: Moore Ranch location maps

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Sincerely,

Andrea L. Kock, Branch Chief
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