

February 18, 2010

Paul Kjellander
Idaho Office of Energy Resources
322 East Front Street, Suite 560
Post Office Box 83720
Boise, Idaho 83720-0199

SUBJECT: COORDINATION REGARDING ELECTRICAL TRANSMISSION LINE FOR
PROPOSED AREVA EAGLE ROCK URANIUM ENRICHMENT FACILITY,
BONNEVILLE COUNTY, IDAHO

Dear Mr. Kjellander:

As discussed in our earlier letter to you dated June 24, 2009, AREVA Enrichment Services LLC (AES) has submitted an application to the U.S. Nuclear Regulatory Commission (NRC) for a license to construct, operate, and decommission a gas centrifuge uranium enrichment facility. The proposed facility, the Eagle Rock Enrichment Facility (EREF), would be located in Bonneville County, Idaho, near Idaho Falls. NRC is preparing an Environmental Impact Statement (EIS) in support of its licensing action for this facility. The purpose of the present letter is to report an addition to the scope of the EREF project, a 161-kilovolt (KV) transmission line to power the facility.

On January 29, 2010, AES submitted information to NRC for the construction and operation of a proposed transmission line, an electrical substation, and substation upgrades. The locations of the transmission line and substations are shown in the January 29, 2010 submittal, a copy of which is enclosed. NRC's EIS for the proposed EREF will include a discussion of the impacts associated with the construction and operation of the transmission line project. NRC requests your office's feedback on potential impacts to electrical distribution in the area of the EREF or on any other matter related to the proposed transmission line or the EREF project itself. Also, we understand that your office coordinates with other State of Idaho agencies on energy resource matters. Therefore, please feel free to share this letter with other State agencies. NRC is already coordinating separately with the Idaho Department of Fish and Game and Idaho Department of Environmental Quality.

The new transmission line and associated structures would be located entirely on private land within Bonneville County. Rocky Mountain Power (RMP), a division of PacifiCorp, will be the builder, owner, and operator. The transmission line would originate from the existing RMP Bonneville Substation and extend in a general westward direction to the new point of service, the Twin Buttes Substation on the proposed EREF site. Beginning at the Bonneville Substation, the proposed transmission line route is west along the county road (West 65 North Street) to the existing RMP Kettle Substation, a distance of approximately 14.5 kilometers (9 miles), continuing west to the eastern portion of the EREF site, a distance of approximately 1.2 kilometer (0.75 mile), then north within the EREF site to its northern end, then west and south to the new RMP Twin Buttes Substation, for a distance of approximately 6.4 kilometers (4 miles). The area being affected by the transmission line is approximately 84 hectares (208 acres).

P. Kjellander

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If you have any questions regarding this request, or need additional information, please contact Stephen Lemont of my staff at 301-415-5163 or Stephen.Lemont@nrc.gov.

Sincerely,

/RA/

Andrea 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:
January 29, 2010 Ltr.

Docket No: 70-7015

P. Kjellander

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