

July 5, 2012

Mr. Josh Leftwich  
Director, Safety, Health,  
Environment and Quality  
Cameco Resources  
2020 Carey Avenue  
Suite 600  
Cheyenne, WY 82001

SUBJECT: ACCEPTANCE REVIEW OF LICENSE RENEWAL APPLICATION FOR  
LICENSE SUA-1548, SMITH RANCH URANIUM *IN SITU* RECOVERY FACILITY,  
POWER RESOURCES, INC., CONVERSE, CAMPBELL, JOHNSON, FREEMONT,  
AND NATRONA COUNTIES, WYOMING

Dear Mr. Leftwich:

By letter dated August 12, 2010, Power Resources, Inc. (PRI), doing business as Cameco Resources (Cameco), submitted an application to the U.S. Nuclear Regulatory Commission (NRC) for renewal of source material license SUA-1548 for the Smith Ranch Highland Uranium Project (SRHUP). As discussed in a letter dated February 4, 2011, the staff suspended its review of the August 12, 2010, submittal to provide PRI with an opportunity to supplement the license renewal application to address some identified deficiencies.

By letter dated February 1, 2012, PRI submitted a revised license renewal application. In its cover letter, PRI stated that the February 2012, submittal supersedes the August 2010, submittal. PRI has requested that License SUA-1548 be renewed for a 10-year period as a performance based license. The staff has completed its acceptance review and has determined that the license renewal application for SRHUP is now acceptable for detailed technical and environmental review. The staff will initiate its detailed review of the license renewal application.

The technical and environmental reports for the license renewal application are publicly available in NRC's Agencywide Documents Access and Management System (ADAMS) under Accession Number ML121590502. In addition to the technical and environmental reports, the license renewal application also included copies of Cameco's Wyoming Department of Environmental Quality (WDEQ) permits for SRHUP. The WDEQ permits are in the process of being added to ADAMS. The staff will offer an opportunity for hearing once the complete license renewal application, including the WDEQ permits, are available in ADAMS.

In accordance with 10 CFR 2.390 of 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 the Publicly Available Records component of ADAMS. ADAMS is accessible from the NRC Web site at:  
<http://www.nrc.gov/reading-rm/adams.html>.

J. Leftwich

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If you have any questions, please contact me at [Douglas.Mandeville@nrc.gov](mailto:Douglas.Mandeville@nrc.gov) or (301) 415-0724.

Sincerely,

**/RA/**

Douglas T. Mandeville, Senior 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.: 04008964

cc: Pam Rothwell (WDEQ)  
Glen Mooney (WDEQ)  
Mark Moxley (WDEQ)  
Tom Foersch (BLM)

J. Leftwich

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If you have any questions, please contact me at [Douglas.Mandeville@nrc.gov](mailto:Douglas.Mandeville@nrc.gov) or (301) 415-0724.

Sincerely,

**/RA/**

Douglas T. Mandeville, Senior Project Manager  
Uranium Recovery Licensing Branch  
Decommissioning and Uranium Recovery  
Licensing Directorate  
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and Environmental Protection  
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