

December 22, 2015

Larry Reimann
Cameco Resources
550 North Poplar Street
Suite 100
Casper, WY 82601

SUBJECT: ACCEPTANCE FOR REVIEW OF LICENSE AMENDMENT APPLICATION,
INCREASE NORTH BUTTE PRODUCTION FLOW RATE, CAMECO
RESOURCES SMITH RANCH HIGHLAND URANIUM PROJECT, NORTH
BUTTE REMOTE SATELLITE, CAMPBELL COUNTY, WYOMING (TAC L00783)

Dear Mr. Reimann:

By letter dated, April 10, 2015, Power Resources Inc., doing business as Cameco Resources (Cameco) submitted to the U.S. Nuclear Regulatory Commission (NRC) a request to amend Source Materials License SUA-1548 to increase the flow at its North Butte remote satellite plant from 15,140 Liters Per Minute (L/min) (4,000 Gallons Per Minute (GPM)) to 22,710 L/min (6,000 GPM). The submittal was made publicly available in NRC's Agencywide Documents Access and Management System (ADAMS) on May 21, 2015 (ADAMS Accession No. ML15132A085).

The NRC staff understands that Cameco is proposing to operate at the higher flow rate using existing equipment within existing on-site buildings. The NRC staff also understands that Cameco plans to operate within previously approved *In Situ* Recovery well fields at the requested higher flow rate. Therefore, the license amendment request does not include any new earth disturbing activity.

The NRC staff has reviewed the revised license amendment application and has determined that the application is acceptable for detailed technical and environmental review.

In accordance with 10 CFR 2.390 of the NRC's "Agency Rules of Practice and Procedure," 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 NRC's Agencywide Documents Access and Management System (ADAMS). ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html>.

L. Reimann

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

Sincerely,

/RA/

Douglas T. Mandeville, Sr. Project Manager
Uranium Recovery Licensing Branch
Division of Decommissioning, Uranium Recovery,
and Waste Programs
Office of Nuclear Material Safety
and Safeguards

Docket No.: 040-8964

License No.: SUA-1548

cc: Miles Bennett, WDEQ
Robin Jones, WDEQ
Dorran Lerner, WDEQ

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ADAMS Accession No.: **ML15349A885**

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