

February 28, 2013

Mr. Josh Leftwich  
Director of Radiation Safety and Licensing  
Cameco Resources  
2020 Carey Avenue  
Suite 600  
Cheyenne, WY 82001

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION – DECEMBER 19, 2012  
ADMINISTRATIVE AMENDMENT REQUEST CAMECO RESOURCES  
SOURCE MATERIALS LICENSE SUA-1548 (TAC J00693)

Dear Mr. Leftwich:

By letter dated December 19, 2012, Power Resources, Inc., doing business as Cameco Resources (Cameco), submitted a license amendment request to the U.S. Nuclear Regulatory Commission (NRC). The submittal requests four administrative changes to source material license SUA-1548. License SUA-1548 authorizes in-situ recovery of uranium at the Smith Ranch - Highland Uranium Project (SR-HUP) and its related remote satellite facilities at North Butte, Ruth, and Gas Hills. The NRC staff accepted the amendment request for review on January 22, 2013 (see ADAMS Accession ML13023A032).

Upon reviewing this submittal, the staff has identified two items that require further clarification in order for the staff to complete its review. The staff's request is provided below.

#### License Condition 10.1.2.c

In the December 19, 2012 submittal, Cameco stated it would notify the NRC two months prior to the restart of the Highland Dryer. As the request states that further notification will be provided prior to restart of the Highland Dryer, this condition has not been satisfied at this time. Cameco should clearly state when it plans to restart the Highland dryer. Staff does not need to know the exact date when the Highland Dryer will be restarted, but identification of the month or quarter that drying activities will aid in staff's review of this license condition.

#### License Condition 10.2.1

In the December 19, 2012 submittal, Cameco has indicated that it has reviewed its plans for the North Butte satellite through the Safety and Environmental Review Panel (SERP) process. Normally, staff would review this SERP as part of its oversight responsibilities during inspections and would provide its approval or agreement with a SERP decision at that time. Given Cameco's timeframe for activities at North Butte, the staff requests that Cameco submit its completed SERP for North Butte for staff's review at this time instead of waiting for the next inspection. Staff's review of the completed SERP and associated documentation will aid in its consideration of this license condition for removal.

J. Leftwich

In accordance with 10 CFR 2.390 of the 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 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>.

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

Sincerely,

**/RA/**

Douglas T. Mandeville, Project Manager  
Uranium Recovery Licensing Branch  
Division of Waste Management  
and Environmental Protection  
Office of Federal and State Materials  
and Environmental Management Programs

Docket No.: 40-8964  
License No.: SUA-1548

cc: P. Rothwell, WDEQ  
M. Taylor, WDEQ

J. Leftwich

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

Sincerely,

Douglas T. Mandeville, Project Manager  
Uranium Recovery Licensing Branch  
Division of Waste Management  
and Environmental Protection  
Office of Federal and State Materials  
and Environmental Management Programs

Docket No.: 40-8964  
License No.: SUA-1548

cc: P. Rothwell, WDEQ  
M. Taylor, WDEQ

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<b>DATE</b>	02/28/13	02/28/13	02/28/13	02/28/13

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