



40-8964

July 6, 2016

CERTIFIED MAIL #7015 0640 0001 4722 7448

Ms. Andrea Kock, Deputy Director
Division of Decommissioning, Uranium Recovery, and Waste Programs
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U.S. Nuclear Regulatory Commission
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NRC License SUA-1548, Decommissioning Schedule

Dear Ms. Kock:

Power Resources, Inc. d/b/a/ Cameco Resources (Cameco) is herein submitting for your review the current version of the Alternate Decommissioning Schedule for SUA-1548 that includes the Smith Ranch Highland Uranium Operation and the North Butte ISR Project. The schedule is consistent with the requirements of 10 CFR 40.42, particularly 10 CFR 40.42(h)(2)(i) that allows for an alternate schedule if decommissioning (groundwater restoration) cannot be completed within 24 months, is not detrimental to the public health and safety, and is otherwise in the public interest.

Currently, the Highlands portion of SUA-1548 has eight mine units in some stage of groundwater restoration. The Smith Ranch side has three mine units in restoration while North Butte does not have any mine units in restoration stages. For those mine units in restoration, activities continue to move restoration further along, but because of the size of the mine units, deep disposal well capacity, and the need to maintain a hydrologic balance between those mine units in production and those in restoration, restoring a mine unit in 24 months is technically challenged. Additionally, Cameco is working with the Nuclear Regulatory Commission on ways to further advance the restoration process so that some mine units can move forward to the final decommissioning stages.

The annual surety for SUA-1548 has also been recently submitted to the NRC along with the updated water balance and reclamation plan. The attached schedules detail the current decommissioning schedule and are in line with the current surety, water balance, and reclamation plan.

NM5520

If you have any questions regarding this information, please contact me at 307-358-6541, ext. 458 or mike_thomas@cameco.com.

Sincerely,



Mike Thomas
Director Safety, Health, Environment, Quality (SHEQ)
Cameco Resources

Attachments: SUA-1548 Decommissioning Schedules for Smith Ranch and Highlands

cc: File SR 4.6.4.4
Doug Mandeville, NRC Project Manager, via email
Document Control Desk, NRC, U.S Nuclear Regulatory Commission, Washington, D.C. 20555-0001 - CERTIFIED
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DECOMMISSIONING/RESTORATION SCHEDULE - Revised June 3, 2016

Smith Ranch/Highland Project

SUA-1548/Permit to Mine No. 633

