



**CAMECO RESOURCES**  
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Operation  
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September 4, 2014

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Mr. Mark Rogaczewski, District 3 Supervisor  
Land Quality Division,  
Wyoming Department of Environmental Quality  
2100 West 5<sup>th</sup> Street  
Sheridan, WY 82801

**East Impoundment (Evaporation Pond) Leak Monthly Update, Cameco Resources, Smith Ranch-Highland Uranium Project, Permit to Mine No. 633**

Dear Mr. Rogaczewski:

Power Resources, Inc. d/b/a Cameco Resources (Cameco) is herein providing a monthly update to the Wyoming Department of Environmental Quality, Land Quality Division (LQD) and the Nuclear Regulatory Commission (NRC) regarding a leak into secondary containment (sump) discovered on November 4, 2011 at the East Impoundment, referred to as Evaporation Pond in Permit 633. LQD Permit 633 Volume I, Operations Plan, Section 3.7.5, and NRC License Section 5.3.6 state "A written report will be submitted to LQD and NRC within 30 days after the notification of the suspected leak and every 30 days thereafter until the leak is repaired".

Removal of sediment material from the impoundment continued throughout the report period. Once removal of the material is complete, installation of the new liner will begin. No water has been present in the east sump and no samples have been collected since June 19, 2013. The east sump will continue to be monitored and if liquid is present the appropriate samples will be obtained.

Please contact me at (307) 358-6541 ext. 476 or [Kenneth\\_Garoutte@cameco.com](mailto:Kenneth_Garoutte@cameco.com) if you have questions.

Sincerely,

A handwritten signature in black ink, appearing to read "Ken Garoutte".

Ken Garoutte  
Safety, Health, Environment, Quality (SHEQ) Manager

*FSME20*

KG/vg

cc: File SR 4.3.3.1 File SR 4.3.3.4  
Special Volume: Impoundment Reports Start February 1999  
Mr. Doug Mandeville – NRC Certified Mail # 7012 3460 0000 8585 0753  
Document Control Desk, NRC Certified Mail # 7012 3460 0000 8585 0760

cc: Cameco-Cheyenne

xc: Cheyenne LQD Files