



4D-8964

January 15, 2014

CERTIFIED MAIL # 7011 3500 0000 5274 2034

Mr. Robin Jones, District 1 Supervisor  
Land Quality Division  
Wyoming Department of Environmental Quality  
Herschler Building  
122 West 25<sup>th</sup> Street  
Cheyenne, WY 82002

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

Dear Mr. Jones:

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, Volume 1, Section 5.5.5.

Replacement of the west impoundment liner was completed in May 2013. Work on the east impoundment commenced in June 2013 with the transfer of liquid to the west impoundment. A pump was received in October and installed and started November 6, 2013 to accelerate the dewatering and solid removal process. Once the slurry is removed, installation of the new liner will begin. Due to seasonal weather conditions, dewatering of the east impoundment was minimal during the report period.

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 samples will continue to be taken on a weekly and monthly basis, when obtainable.

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

KG/vg

FSMEZD

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 # 7011 3500 0000 5274 2041  
Document Control Desk, NRC Certified Mail # 7011 3500 0000 5274 2058

cc: Cameco-Cheyenne