



November 19, 2013

CERTIFIED MAIL # 7012 1640 0000 2326 9487

Mr. Robin Jones, District 1 Supervisor
Land Quality Division
Wyoming Department of Environmental Quality
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Cheyenne, WY 82002

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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. Dewatering of the east impoundment continued through the report period. In an effort to accelerate the dewatering and solid removal process a pump was ordered that would allow slurry to be pumped to the dewatering containers. The pump was received during the report period and will be installed during November, 2013. Once the slurry is removed, 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 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 if you have questions.

Sincerely,

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

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

FSHE20
FSME

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 1640 0000 2326 9517
Document Control Desk, NRC Certified Mail # 7012 1640 0000 2326 9500

ec: Cameco-Cheyenne