



March 31, 2014

CERTIFIED MAIL # 7012 1640 0000 2326 6158

Mr. Robin Jones, District 1 Supervisor
Land Quality Division - Wyoming Department of Environmental Quality
Herschler Building, 122 West 25th Street
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. LQD Permit 633 Volume I, Chapter 5, Section 5.2.5 and 5.5.5, and NRC License Section 5.3.6 state "A written report will be filed with the appropriate agencies within thirty days of the notification of the suspected leak and every thirty days thereafter until the leak is repaired".

Due to seasonal weather conditions, dewatering of the east impoundment continues to be impeded. Once the slurry can be removed, installation of the new liner will commence. 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 if you have questions.

Sincerely,

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

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 6165
Document Control Desk, NRC Certified Mail # 7012 1640 0000 2326 6172

cc: Cameco-Cheyenne

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