



CAMECO RESOURCES
Smith Ranch-Highland
Operation
Mail:
P.O. Box 1210
Glenrock, WY
82637 USA

September 28, 2010

Mr. Lowell Spackman, District 1 Supervisor
Land Quality Division
Wyoming Department of Environmental Quality
Herschler Building
122 West 25th Street
Cheyenne, WY 82002

Tel: (307) 358-6541
Fax: (307) 358-4533
www.cameco.com

CERTIFIED MAIL #70101060000021397702 – RETURN RECEIPT REQUESTED

RE: Monthly Report East Storage Pond Leak, Cameco Resources, Smith Ranch-Highland Uranium Project, Permit to Mine No. 633

Dear Mr. Spackman:

Power Resources, Inc. d/b/a Cameco Resources (CR) provided the last monthly update to Wyoming Department of Environmental Land Quality Division (WDEQ/LQD) and the Nuclear Regulatory Commission (NRC) under cover letter dated August 25, 2010. CR indicated that fluid levels in the pond continued to be lowered to investigate another potential leak pond. On September 8, 2010 the liner was repaired; however, due to a lack of fluid, the repair has not been tested. It is anticipated that sufficient fluid will be available within the next two weeks to test the liner repair. Additionally, no fluid weekly or monthly samples were collected due to a lack of fluid to sample. A monthly report will continue to be submitted until the repair is verified.

Please contact me at (307) 358-6541 ext. 474 if you have questions.

Sincerely,

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

Angelo Kallas
Safety, Health, Environment, and Quality (SHEQ) Manager

AK/dk

cc: J. Brister T. Cannon
Mr. Doug Mandeville – NRC Project Manager (2-copies)
File SR 4.3.3.1 File SR 4.3.3.4