



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

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

April 8, 2009

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

RE: Permit to Mine No. 633, Release of Solutions Report

Dear Mr. Spackman:

As reported to Ms. Pam Rothwell of Wyoming Department of Environmental Quality, Land Quality Division (WDEQ/LQD), Mr. Doug Mandeville, Nuclear Regulatory Commission (NRC), and Joe Hunter, WDEQ, Water Quality Division (WDEQ/WQD), on April 2, 2009, Power Resources, Inc. d/b/a Cameco Resources (CR) had a release of injection solutions at the Smith Ranch-Highland Uranium Project in Converse County, Wyoming. Approximately 1,474 gallons were released from Well No. KI-218 in Mine Unit K. A solution sample was collected upon discovery of the release and analysis showed 2.0 ppm U_3O_8 . Soil samples will be collected and a gamma survey of the release area will be conducted using a MicroR meter. The samples have not been collected to date due to drifting from a recent snow storm. The well is located in the NE SE of Section 25, T.36N., R.74W, Converse County, Wyoming. A field map is attached.

The leak was detected at approximately 7:50 pm on April 2, 2009 by a Wellfield Operator. An Apparent Cause Investigation was done and the cause was attributed to operator error, operating procedures were not followed. The fluid is not considered hazardous material under RCRA and is not reportable under SARA.

CR's Spill Committee meets monthly and as needed to discuss preventive measures to minimize the potential of releases from Smith Ranch-Highland Uranium Operations and to assess and make recommendations to potentially mitigate re-occurrences. The Spill Committee will meet to discuss this spill and corrective actions. On the morning of April 8, 2009 the Mine Manager met with all Wellfield Operators to discuss this incident and job performance expectations.

Please call me at (307) 358-6541 ext. 462 if you have questions.

Sincerely,



Krista Wenzel
Manager, Environment, Health and Safety

Attachment: Map

cc:	T. Cannon	M. Bryson	S. Bakken	D. Kolkman
	S. Miller	B. Kluchewski	File SR 4.3.3.1	File SR 4.6.4.4
	Doug Mandeville – NRC Project Manager (2-copies)			
	Joe Hunter – Water Quality Division			

