



CAMECO RESOURCES
Smith Ranch-Highland
Operation
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82637 USA

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November 25, 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 by voicemail to Ms. Pam Rothwell of Wyoming Department of Environmental Quality, Land Quality Division (WDEQ/LQD), Mr. Doug Mandeville, Nuclear Regulatory Commission (NRC), and online documentation to Joe Hunter, WDEQ, Water Quality Division (WDEQ/WQD), on November 19, 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 560 gallons were released from Well No. 9I-127A in Mine Unit 9, during well swabbing operations. The well is located in the SE SE of Section 8, T.35N, R.74W, Converse County, Wyoming. A field map is attached. The release will also be updated into the site base map for inclusion in the Annual Report as required by the Settlement Agreement for Notice of Violation Docket No. 4122-07.

A solution sample was collected and resulting analysis indicated 1.4 ppm U_3O_8 . The fluid is not considered hazardous material under RCRA and is not reportable under SARA. A gamma survey of the release area will be conducted using a MicroR meter and soil samples (0-6 inches) will be collected for analysis.

An Apparent Cause Investigation will be completed and results maintained on file for review during future inspections. CR's Spill Committee will also meet to address this release and make recommendations to mitigate re-occurrences.

If you have questions, please call Dawn Kolkman at (307) 358-6541 ext. 435.

Sincerely,



Angelo Kallas
Manager, Environment, Health and Safety

Attachment: Map

cc: T. Cannon M. Bryson S. Bakken K. Siebken
S. Miller B. Kluchewski File SR 4.3.3.1 File SR 4.6.4.4
File SR 4.6.4.1
Doug Mandeville – NRC Project Manager (2-copies)
Joe Hunter – Water Quality Division

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SPILL-11/25/2009
AREA = 366 SQFT

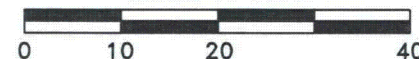
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9B-77

- | | |
|---|---------------------|
|  | WELL FIELD
WELLS |
|  | PIPELINE |
|  | SPIII |
|  | PATTERN |
|  | FENCE |

SCALE IN FEET

[illegible]

CAMECO

Cameco Resources
SMITH RANCH - HIGHLAND
OPERATION
P.O. Box 1210
Glenrock, WY 82637 Telephone: (307) 358-6541

MINE UNIT 9
SPILL LOCATION

FSCM NO:

DWG NO:	
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<input type="checkbox"/> CURRENT	<input checked="" type="checkbox"/> REV
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