



Smith Ranch - Highland
 Uranium Project
 P. O. Box 1210
 Glenrock, Wyoming USA 82637
 Casper: 307-235-1628
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February 11, 2003

Mr. John Wagner, Cheyenne Office Program Manager
 Land Quality Division
 Wyoming Department of Environmental Quality
 122 West 25th Street
 Cheyenne, WY 82002

RE: Corrective Action Report 13, West Evaporation Pond Leak
 Permit to Mine 633, License SUA-1548, Docket 40-8964

Dear Mr. Wagner:

Power Resources, Inc. (PRI) is herein providing a monthly status report for the West Evaporation Pond leak at the Smith Ranch facility.

West Evaporation Pond Status

During a routine inspection on January 4, 2002, it was discovered that the water level in the West Evaporation Pond sump exceeded six inches (6"). The water level in the pond, 3' 2" at the time of the discovery, was lowered to 2' 10" in order to stop the leak. The sump water was analyzed for chloride, specific conductance, bicarbonate, uranium, and sulfate. The results are provided below:

Chemical	Concentration
Chloride	5,100 mg/L
Specific Conductance @ 25° C	3,941 μ Siemens
Bicarbonate	396 mg/L
Uranium as U ₃ O ₈	36 mg/L
Sulfate	4,700 mg/L

Upon receipt of the confirming analysis, both Steve Ingle of WDEQ and John Lusher of NRC were notified via telephone on January 11, 2002.

During the report period, January 11 through February 11, 2003, the water level in the West Evaporation Pond was maintained at 2' 10" with no apparent leakage. PRI will continue to monitor the sump for pond leakage and take appropriate actions, as necessary.

NMS501

Mr. John Wagner
Corrective Action Report 13, West Evaporation Pond Leak
February 11, 2003

If you have any questions or need additional information, please call me at (307) 358-6541, ext. 62.

Sincerely,

W.F. Kearney by SAB/ken

W.F. Kearney
Manager-Health, Safety
& Environmental Affairs

WFK/sab

cc: J. Lusher-USNRC, Rockville, MD
S.P. Collings
R. Knode
File SR-4.3.3.4