



Smith Ranch - Highland  
 Uranium Project  
 P. O. Box 1210  
 Glenrock, Wyoming USA 82637  
 Casper: 307-235-1628  
 Douglas: 307-358-6541  
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February 11, 2003

Mr. John Wagner, Cheyenne Office Program Manager  
 Land Quality Division  
 Wyoming Department of Environmental Quality  
 122 West 25<sup>th</sup> 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 <sub>3</sub> O <sub>8</sub>	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