



Smith Ranch - Highland  
Uranium Project  
P. O. Box 1210  
Glenrock, Wyoming USA 82637  
Casper: 307-235-1628  
Douglas: 307-358-6541  
Fax: 307-358-4533

January 10, 2003

40-8964

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 12, 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 $\mu$ 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.

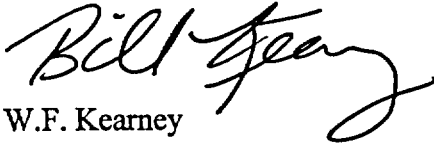
During the report period, December 12, 2002 through January 10, 2003, the water level in the West Evaporation Pond was maintained at 2' 10" with no apparent leakage. PRI will continue to monitor the sump for pond leakage and take appropriate actions, as necessary.



Mr. John Wagner  
Corrective Action Report 12, West Evaporation Pond Leak  
January 10, 2003

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

Sincerely,

A handwritten signature in black ink, appearing to read "Bill Kearney". The signature is fluid and cursive, with the first name "Bill" and last name "Kearney" clearly distinguishable.

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

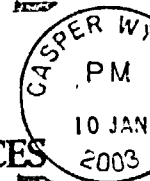


**POWER  
RESOURCES**

Smith Ranch -Highland  
Uranium Project  
P. O. Box 1210  
Glenrock, Wyoming USA 82637



**POWER  
RESOURCES**



PM METER  
5157030

U.S. POSTAGE

Mr. John Lusher  
Fuel Cycle Licensing Branch, NMSS  
Mail Stop T-8A33  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

