



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

November 11, 2002

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 10; 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, October 12 through November 11, 2002, the water level in the West Evaporation Pond was slowly raised to test the integrity of the liner following repair work. The water level reached a maximum height of approximately six feet on October 22, 2002, with no apparent leakage. However, on October 26, 2002, as the water level was being lowered in the

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pond, a minimal amount of water (2-3") began to collect in the sump. As there was not sufficient water in the sump to collect a sample, it is unknown whether the source of this water was the pond or other sources, such as snowmelt. PRI will continue to monitor the sump for pond leakage and take appropriate actions, as necessary.

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

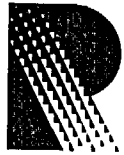
Sincerely,

W.F. Kearney by SAB/Allen

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

WFK/sab

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

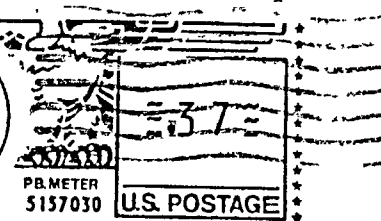
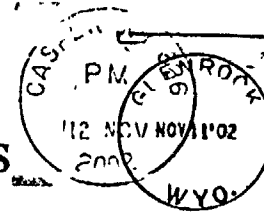


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RESOURCES**

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Mr. John Lusher
Fuel Cycle Licensing Branch, NMSS
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Washington, D.C. 20555

