

June 16, 2010

LICENSE SUA-1341
DOCKET NO. 40-8502

Attn: Document Control Desk
U.S. Nuclear Regulatory Commission
Mr. Keith I. McConnell, Deputy Director
Decommissioning & Uranium Recovery Licensing Directorate
Division of Waste Management & Environmental Protection
Office of Federal and State Materials &
Environmental Management Programs
11545 Rockville Pike
Rockville, MD 20852-2738


Subject: Spill at Christensen Ranch Pump Station

Dear Mr. McConnell:

As per license Sections 12.2 and 9.2 of the referenced license, this letter serves as the written notification of the spill that happened on June 8, 2010 at the Mine Unit 6 booster pump station. The spill occurred when maintenance personal were evacuating the injection trunk line with air, from wellfield module building 6-1, through the pump station and to the waste ponds at the Christensen Ranch. A 10" steel check valve in the pump station had a split in it that was not noticed before the evacuation of the line was started. The leaking fitting was found within 15 minutes of the process and was shut down. The check valve was removed and the pipe was blind flanged to prevent another spill. Approximately 1200 gallons of injection solution was spilled. The water inside the building was recovered in the building sump system, the water that went outside the building approximately 600 gallons pooled around the building and in the parking area and was not recovered. The water in the trunk line was permeate solution that was injected during the restoration phase of the mine which ended in 2005. A sample of the spill solution was taken and analyzed the results of the sample analysis were Conductivity 179, Chloride 15, Alkalinity 196, Uranium <0.4 and pH 5.9.

Please contact me should you have any questions regarding this report.

Sincerely,


Larry Arbogast
Radiation Safety Officer
cc: Jon Winter

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