

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 and Uranium Recovery
Licensing Directorate.
Division of Waste Management & Environmental Protection
Office of Federal & State Materials &
Environmental Management Programs
11545 Rockville Pike
Rockville, MD. 20852-2738

Subject: Christensen Ranch Pond 1 Leak

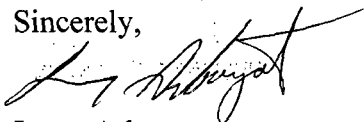
Dear Mr. McConnell

As per license Sections 12.2 and 9.2 of the referenced license, this letter serves as written notification of the confirmed Pond Leak in pond (1) at the Christensen Ranch Project. The leak was discovered on June 3, 2010 during a routine weekly pond inspection when eighteen vertical inches of fluid was detected in two of the six leak detection tubes. Samples were taken from each the tubes and were analyzed for chloride, conductivity, ph, alkalinity and uranium. The results of the analysis confirmed to be pond water. Corrective action began that day with transferring water from pond 1 to pond 2 and is ongoing at the time of this report we will continue until the source of the leak is found and repaired.

The attached sheet provides the analytical data that confirmed the leak.

Please call me should you have any questions concerning this report.

Sincerely,



Larry Arbogast
Radiation Safety Officer.

cc: Jon Winter

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FSME21

**CHRISTENSEN MINE LABORATORY
CHAIN OF CUSTODY
SUBMITTAL FORM**

Sample ID(s) Pond #1 tube. South East South West & Pond Sample Time 11:45 am

Special Information Pond sample taken in middle of pond. Date 6/3/10

Submitted By: Donnie Whipple Received By: Jane Richards

Analysis Required:

<input checked="" type="checkbox"/> U308 <input checked="" type="checkbox"/> pH <input type="checkbox"/> Bicarbonate <input type="checkbox"/> Magnesium <input type="checkbox"/> Vanadium	<input checked="" type="checkbox"/> Conductivity <input checked="" type="checkbox"/> Chloride <input type="checkbox"/> Sodium <input type="checkbox"/> %Moisture <input checked="" type="checkbox"/> Alkalinity	<input type="checkbox"/> Sulfate <input type="checkbox"/> Potassium <input type="checkbox"/> Calcium
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			U308	PH	Cond	Cl	Alk
Pond			6.4	9.1	31700	10140	990
South East tube			6.3	9.0	31600	10360	950
South West tube			6.0	9.1	31500	9411	1000

Date Completed: 6/3/10 Analyst: JR + AG