

**Garrett, Betty**

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**From:** Tim McCullough (USA - Casper) [Tim.McCullough@uranium1.com]  
**Sent:** Monday, December 10, 2012 3:26 PM  
**To:** Linton, Ron; Gersey, Linda; Spitzberg, Blair  
**Cc:** Bill Kearney (USA - Casper); Barry Koch [USA - Christensen Ranch]; Larry Arbogast (USA - Christensen Ranch); Rick Kukura (USA - Casper)  
**Subject:** Injection Well 8U162-1 release (12-9-12)

Ron/Linda/Blair:

In accordance with License SUA-1341, this email is to inform the NRC that there was a small release of ISR injection fluid from Injection Well 8U162-1 in the Mod 8-7 area in the Mine Unit 8 wellfield area at the Willow Creek Project (Christensen Ranch) located in Johnson County. The release appears to have resulted when a "pop-off" valve opened to relieve some excess pressure and failed to close because of a small piece of poly shaving got stuck in the plunger. It is estimated that approximately 1,500 gallons of injection fluid was released of which approximately 1200 gallons were able to be recovered. This well is located on a "bench" above Heldt Draw which is a dry ephemeral swale tributary to ephemeral Willow Creek. The fluid was entirely confined to the bench and no fluid entered the draw. The release was found at 0900 on December 9, 2012. The well was immediately shut off and repairs were made.

The release occurred within a fenced wellfield area and did not impact any actual water. No wildlife or livestock were affected. A sample of the fluid for the release was collected. A written report with more details will be submitted within 30 days. The WDEQ has already been notified.

If you have any questions, please contact me.

Tim McCullough  
Willow Creek Manager of Mine Site SHE

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