

**Garrett, Betty**

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**From:** Bill Kearney (USA - Casper) [Bill.Kearney@uranium1.com]  
**Sent:** Tuesday, June 19, 2012 2:27 PM  
**To:** Spitzberg, Blair; Gersey, Linda; Linton, Ron  
**Cc:** Tim McCullough (USA - Casper); Larry Arbogast (USA - Christensen Ranch); Barry Koch [USA - Christensen Ranch]  
**Subject:** Spill Report for Willow Creek Project- Injection Well 8AK181-1 and Recovery Well 8AK190-2

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 8AK181-1 in the Mod 8-1 area in the Mine Unit 8 wellfield area at the Willow Creek Project (Christensen Ranch) located in Johnson County. The investigation into the cause of the release is ongoing, but it appears to have resulted when a "pop-off" valve failed to open and the pressure build up caused the wellhead to fail. It is estimated that approximately 300 gallons of injection fluid was released. This well is located in Heldt Draw which is a dry ephemeral swale tributary to ephemeral Willow Creek. The release was found at 1830 on June 18, 2012. The well was immediately shut off and repairs were made.

There was also a release in the same wellfield area (Mod 8-1) from Recovery Well 8AK190-2 when the sanitary seal failed on the well and fluid came out of the wellhead. The exact cause for this condition is being further investigated to see if it is related to the release at Well 8AK181-1. This release was found at 18:00 on June 18, 2012. It is estimated that 1200 gallon of fluid was released. Approximately 200 gallons was recovered with the Vac Truck. This well is also located in Heldt Draw which is a dry ephemeral swale tributary to ephemeral Willow Creek.

Both releases 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 each release were 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 or Tim McCullough- Manager Site SHE.

**Bill Kearney**  
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