

From: [Tim McCullough \(USA - Casper\)](#)
To: [Linton, Ron](#)
Cc: [Mandeville, Douglas](#); [Gersey, Linda](#); [Kellar, Ray](#); [Jon Winter \(USA - Casper\)](#); [Scott Schierman \(USA - Casper\)](#); [Donna Wichers \(USA - Casper\)](#); [Ryan Schierman \(USA - Christensen Ranch\)](#); [Rick Kukura \(USA - Casper\)](#)
Subject: Willow Creek Project Disposal Well 18-3 and Disposal Well 1
Date: Friday, June 20, 2014 3:28:49 PM

Mr. Ron Linton, NRC Project Manager;

In accordance with License SUA-1341, this email is to inform the NRC that the 5 year MIT testing was performed on Disposal Well 18-3 on Thursday, June 19, 2014.

During the testing it was discovered that the Disposal Well 18-3 had failed the test. In an attempt to isolate the depth of the potential failure in the casing it appears that the failure may be located approximately 200 feet above the top of our permitted injection depth. At this time we are awaiting the contracted consultant to compile the testing data to obtain further details. This well has been locked and tagged out so it will not be used until repairs are made which should be completed within the coming weeks. This email is intended to comply with the 48 hour reporting requirement as specified in License Condition 12.2. A written report with more details will be submitted within 30 days..

Additionally, while performing the Falloff Test on Disposal Well 1 on June 18, 2014, it was discovered that the annulus pressure of the well was not in compliance with our permit. The annulus pressure gauge was reading approximately 147 psi while the computer readout was 247 psi. Our permit states that the annulus pressure must be maintained between 200 and 800 psi. Upon investigating the discrepancy in pressures, it was discovered that an isolation valve associated with the pressure transducer and chart graph had somehow been shut off resulting in the erroneous readout to the PLC. This concern was remediated by opening the valve associated with the chart graph and adding a physical inspection of the actual valve to the operator's daily inspection of the deep wells. Disposal Well 1 did pass the Falloff test as well as the MIT test. Further investigation into this concern will be conducted and summarized in a written report which will be submitted within 30 days.

If you have any questions, please contact me.

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