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March 11, 2013

Sent via Overnight Mail

Attn: Document Control Desk
U.S. Nuclear Regulatory Commission
Mr. Drew Persinko, 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: **License SUA-1341, Docket No. 40-8502**
Willow Creek Project
February 11, 2013
7I-30 Injection Well Release
Christensen Ranch Mine Unit 7

Dear Mr. Persinko:

In accordance with License Conditions 12.2 and 9.2 of the referenced license, this correspondence serves as the written notification for a release of ISR injection fluid at the Mine Unit 7 wellfield area at Willow Creek (Christensen Ranch) located in Campbell County. The spill occurred on February 11, 2013. This area is entirely within the fenced MU-7 Controlled Area. The release was reported via email to the NRC Project Manager, Region IV personnel and WDEQ on February 12, 2013.

The details of the spill are included on the attached Spill Report Summary along with a map of the location. Note that there were no significant impacts to the public, environment, wildlife or livestock.

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

Sincerely,

T. McCullough

Tim McCullough
Manager Site SHE

FSME21

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cc: Bill Kearney
Larry Arbogast
Barry Koch
Rick Kukura
NRC File; Spill Reports

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Uranium One USA, Inc. - Willow Creek Project
Spill Report Summary
Mine Unit 7 ISR Injection Fluid Release

Date and Estimated Time (beginning & end)
From: February 11, 2013 (12:00 am)
To: February 11, 2013 (03:30 pm)

Location
Christensen Ranch Mine Unit 7
Injection Well 7I-30
Module 7-3
Section 9, Township 44N, Range 76W
Campbell County, Wyoming
(see attached map for detailed location)

Spill Type
ISR injection fluid

Estimated Volume Released
Spilled: Approximately 2,100 gallons of ISR injection fluid was released from Injection Well 7I-30 when a glue joint associated with a 5" pvc coupler and the 5" pvc well casing failed. The injection well is located in a flat area and the fluid spread approximately 400 feet in a small dry draw located in the Mine Unit 7-3 Wellfield. The failed joint was located at ground level just beneath the well box. The affected area is located entirely within the fenced Controlled Area.

Estimated Volume Recovered
All of the released fluid quickly soaked into the dry soil, so it was not possible to recover any of it.

Spill Analysis Results
A small volume of the released fluid was obtained on February 11, 2013 and submitted to the Willow Creek on site lab for analysis. The results were as follows:

Uranium	0.8 ppm

Impacts
The release followed site drainage and remained within the fenced MU-7 Controlled Area. It is estimated that 7,000 square feet (0.14 acre) of soil was impacted. No wildlife or livestock were affected. No significant erosion resulted from the spill, as it all soaked into the ground.

Soil Surveys & Analysis Results
Due to the limited extent of the release and that it occurred inside the fenced wellfield area, no soil samples were obtained for analysis.

Remediation Actions
Due to the limited extent of the release, no remediation is anticipated at this time.

Explanation of the Root Cause
A 5" pvc well casing extension connected by a 5" pvc coupler failed at the glue joint on Injection Well 7I-30, which was located just below ground level.

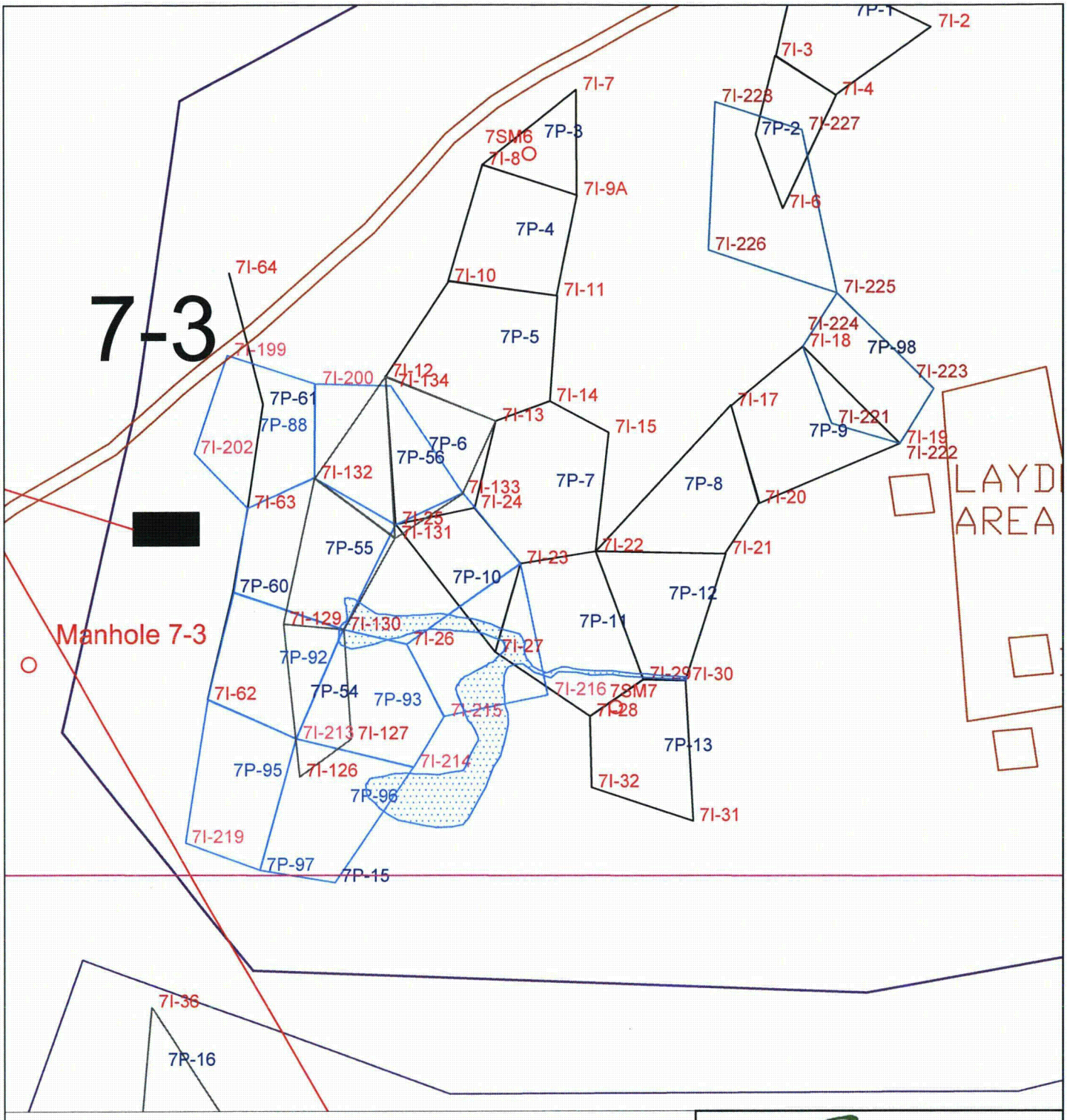
Corrective Actions
The well was immediately shut off and repaired.

Agency Reporting

WDEQ:	Mike Ploughe - Permit Coordinator; February 12, 2013 (e-mail)
	Joe Hunter – Spill Coordinator; February 12, 2013 (e-mail)
NRC:	Blair Spitzberg- Region IV Branch Chief; February 12, 2013 (e-mail)
	Ron Linton - Project Manager; February 12, 2013 (e-mail)
	Linda Gersey – Health Physicist, Region IV; February 12, 2013 (e-mail)

Map of Spill Location and Impacted Area
Attached

The location and extent of the spill is recorded in the on-site historical spill file.



Legend

Approximate Spill Location

0 100' 200'

Scale 1:100

N W E S

*NOTE: TO INCREASE LEGIBILITY NOT ALL FACILITIES, STOCKPILES, etc., ARE TO SCALE

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Christensen Ranch

Module 7-3, Well 7I-30 Spill

Permit to Mine #478

Johnson & Campbell Counties, Wyoming

Date: February 13, 2013	By: CEO		Checked: TAM	
Rev. No.	Description	Date	By	Sheet: