



August 19, 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
July 22, 2013
7I-10 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 July 22, 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 July 23, 2013.

The details of the release 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,


Tim McCullough
Manager Site SHE

cc: Jon Winter
Larry Arbogast
Barry Koch
Rick Kukura
NRC File; Spill Reports

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

Date and Estimated Time (beginning & end)

From: July 22, 2013 (12:10 pm)

To: July 22, 2013 (04:30 pm)

Location

Christensen Ranch Mine Unit 7

Injection Well 7I-10

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 2,600 gallons of ISR injection fluid was released from Injection Well 7I-10 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 150 feet in a small dry draw located in the Mine Unit 7-3 Wellfield. The failed joint was located below the 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 July 22, 2013 and submitted to the Willow Creek on site lab for analysis. The results were as follows:

Uranium 1.1 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-10, which was located just below ground level.

Corrective Actions

The well was immediately shut off and repaired.

Agency Reporting

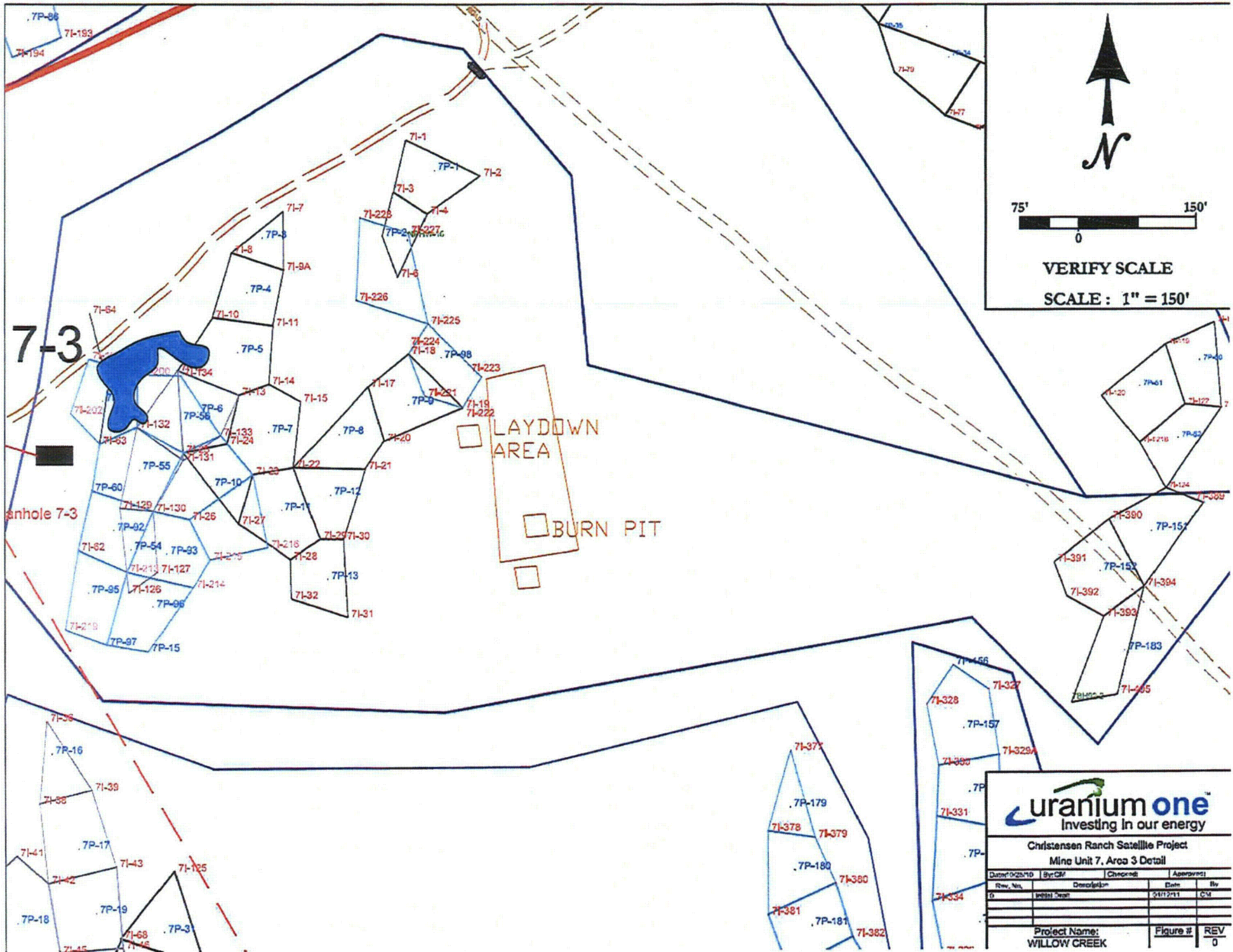
WDEQ: Luke McMahan - Permit Coordinator; July 23, 2013 (e-mail)
Joe Hunter – Spill Coordinator; July 23, 2013 (e-mail)

NRC: Blair Spitzberg- Region IV Branch Chief; July 23, 2013 (e-mail)
Ron Linton - Project Manager; July 23, 2013 (e-mail)
Linda Gersey – Health Physicist, Region IV; July 23, 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.



VERIFY SCALE
SCALE : 1" = 150'

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Investing in our energy

Christensen Ranch Satellite Project
Mine Unit 7, Area 3 Detail

Drawn	Checked	Approved
Rev. No.	Description	Date
0	Initial Draw	04/12/11

Project Name: WILLOW CREEK Figure # REV 0