



REDACTED

CERTIFIED MAIL # 7006 2150 0002 0434
Return Receipt Requested

January 28, 2014

Director, Office of Federal and State Materials and Environmental Management
Programs
U.S. Nuclear Regulatory Commission
Washington, DC 20555-0001

Attention: Document Control Desk

Reference: Event Number 49681
30-Day Follow-Up Report
NRC License Number 37-35092-01
Berthold Technologies LB 8010 density gauge, Device SN 10101 and
Source SN 0561/10, Cs-137, 10 mCi, Special Form

Dear Director:

Universal Well Services, Inc. (UWS) is submitting this follow-up report as required under the provisions of 10 CFR 30.50(b)(2) where the licensee must notify the NRC within 24 hours after the discovery of an event involving licensed material, in which equipment is disabled or fails to function as designed. This letter serves as the written follow-up report required to be submitted in accordance with 10 CFR 30.50 (c)(2).

On December 30, 2013, I was informed that an incident on a job location had caused damage to the shutter handle of the density gauge referenced above. The shutter handle was intact and able to be turned; however, the handle was no longer parallel with the surface of the shield, it became bent approximately 30 degrees from the surface of the shield. The incident that caused the damage happened on a job located at [REDACTED] [REDACTED] I reported the incident verbally to Vince Kico at the NRC Operations Center on December 31, 2013.

The incident that caused the damage to the gauge involved the failure/separation of a flange mounted to 4-inch diameter iron (pipe) used in a high pressure pumping operation (hydraulic fracturing). The flange made contact with the density gauge, causing the damage to the shutter handle and detector. The flange failed due to improper assembly of the iron.

The corrective actions from this incident were to review incident with employees, re-communicate proper assembly procedures with employees, perform dye penetrate inspections on these types of flanges and audit the assembly procedures in the field.

18360 Technology Drive, Box 4 • Meadville, PA • 16335

Business 814-373-3200 • Fax 814-373-3299 • universalwellservices.com

A dose survey was conducted and UWS anticipates that there were no individuals exposed to radiation beyond that of routine operation of the gauge. The gauge is currently in storage at our facility in Punxsutawney, Pennsylvania with the shutter handle in the locked position. We are working with Berthold Technologies in Oak Ridge to have the shield replaced.

If you should have any questions do not hesitate to call me at 814-573-0640.

Sincerely,



Meghan Yingling
Environmental Compliance Manager, RSO
Universal Well Services, Inc.

Cc: NRC Region I
Robert Slack, Director EHS, UWS