



February 12, 2016

Mr. Edward Kulzer
U.S. Nuclear Regulatory Commission – Region III
2443 Warrensville Road, Suite 210
Lisle, IL 60532

Re: Amendment to incident report filed August 11, 2015 (Report #51305)

Dear Mr. Kulzer,

On August 10, 2015 at 5:14pm a written report was filed via email with the NRC (John Shoemaker) in accordance with 10 CFR 30.50(c)(2). Weaver Consultants received notification of receipt from Mr. Shoemaker on August 10, 2015 at 5:19pm.

At this time Weaver Consultants is providing another copy of this written report along with this amendment to the report as we have discovered that the report had not adequately addressed 10 CFR 30.50(c)(2)(iii) and (v).

Therefore I have completed the follow-up:

- (i) Density gauge (Troxler model 3440, serial number 39264) was run over by employee's pick-up truck as described in the attached report.
- (ii) Location was Clinton County Landfill, 2700 North SR39, Frankfort, Indiana 46041. Exact location of the event was the west landfill haul road approximately Latitude 40.324909, Longitude -86.561594.
- (iii) Isotopes include: Cesium-137 (8 mCi) and Americium-241: Be (40 mCi).
- (iv) Event happened August 10, 2015 at 10:30am.
- (v) An incident report was sent out to all company approved nuclear gauge users and their managers highlighting the event and steps that must be followed to prevent re-occurrence. Approved users were required to review the Weaver Consultants radiation safety plan as a refresher to policies.
- (vi) The sources of the nuclear density gauge were not compromised therefore exposure did not exceed normal user limits.

Should you have any additional questions please do not hesitate to contact me.

Sincerely,

Weaver Consultants Group, LLC

A handwritten signature in black ink, appearing to read 'J. Blum', is written over a horizontal line.

Jeffrey A. Blum
Radiation Safety Officer

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Report # 51305

Location of Incident: Clinton County Landfill
2700 North SR39
Frankfort, IN 46041

Licensee: Weaver Consultants Group
400 Ann Street, NW
Suite 201A
Grand Rapids, MI 49504
NRC License No: 21-32761-01

RSO: Jeff Blum – 616-304-1084

Date of Incident: August 10, 2015

Time of Incident: 10:30AM

After completing 17 moisture density gauge readings on the southern half of the West Slope of Clinton County landfill, the Troxler (Model: 3440, Serial # 39264) portable nuclear density gauge owned by Weaver Consulting Group was placed on the ground behind a Ford F150 pick up truck owned by Weaver Consulting Group. Gauge operator David King sat at the back of the truck reviewing the field sheets of moisture density readings and preparing for the next group of readings. When it was clear that additional blank forms were needed, David King went to the cab of the truck to look for the additional forms. No forms were available so the truck was started and backed up to go to the field office to retrieve the forms.

After backing and going forward a few feet David King remembered the moisture density gauge behind the truck. The truck was backed up beside its original location and the damaged gauge was observed. David King got out of the truck to see the plastic casing of the gauge broken in several pieces. The source rod was still in the shielding but the guide rod was broken.

David King was the only person on that portion of the jobsite at the time of the incident and received no exposure from the source as it was still contained in the shielding. The closest other person to the area was more than a thousand feet away at the time of the incident.

The gauge and broken plastic housing was placed into its transportation box after confirmation of intact sources. The area of the incident was cordoned with orange paint for containment purposes. The Weaver Consulting Group RSO, Jeff Blum, was notified of the incident and the gauge was photographed and photos were sent to him.

RSO Jeff Blum mobilized to the site with a SE International radiation meter to survey the cordoned area of the incident as well to verify that sources were intact in the portable nuclear density gauge. Survey results indicated that both sources, Cs-137 and Am-241:Be were intact and undamaged.

At 4:30pm Jeff Blum notified the NRC of the incident.