



**ANDREWS ENVIRONMENTAL ENGINEERING INC.**

7478 Shadeland Station Way, Indianapolis, Indiana 46256 (317) 595-6492 Fax (317) 598-9929

November 29, 2006

U.S. Nuclear Regulatory Commission  
ATTN: Document Control Desk  
Washington, DC 20555-0001

Re: Written Report; NRC Material License No. 13-32079-01

Dear Sirs:

On November 2, 2006, at 1624 hours, a telephone call (Event #42958) was made by the undersigned to the NRC to report damage to a soil density gauge at the Newton County Landfill in Indiana. The damage had occurred at approximately 1600 hours. The gauge was a Troxler Model 3440, SN# 21041, which has an 8 mCi Cs-137 source and a 40 mCi Am-241:Be source.

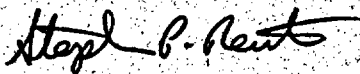
Subsequent to the above notification, I traveled to the site on the same day to evaluate damage to the gauge and to check radiation levels. The gauge had been hit by the wheel of a compactor at a time when the operator had moved approximately 50 feet from the gauge. The gauge was outside of its carrying case and in the safe position at the time of the incident. The top plastic part of the gauge and electronics were damaged, but no damage was evident to the rod or metal parts of the gauge. Radiation levels were checked with a TroxAlert survey meter (SN# 2095). Levels near the gauge were normal (approximately 3 mrem/hr at approximately 6 inches from the uncased gauge). Levels were at background for the ground at the location where the damage occurred and for the wheel of the compactor. The gauge was then placed in its case and transported on November 2 to the Indianapolis office of Andrews Environmental Engineering at 7478 Shadeland Station Way, Indianapolis, Indiana. After a leak test to verify the lack of radiation, the gauge was shipped to Aguinaga Technical Services in Sheboygan Wisconsin for repairs.

The damage to the gauge occurred at the Newton County Landfill, which is located near Brook, Indiana, in Section 28 of Township 29 North, Range 8 West, Jackson Township, Newton County. The specific location of the damage was at 2832 feet North/ 3757 feet East based on the site's coordinate system, which is approximately 1830 feet north of the site's south boundary and 2760 feet east of the west boundary.

Based upon the radiation survey and leak test noted above, there was no release of radioactive material and no elevated exposure of any individuals to radiation for the above incident. Andrews has taken various immediate steps to avoid the occurrence of future incidents. The user of the gauge involved in the incident above did not subsequently use a gauge until proper procedures were reviewed. Meetings with gauge users at the various Andrews' offices were held from November 6 to November 16 to communicate the importance of constant surveillance and control of the gauge by users. Long term corrective measures include making the topic of constant surveillance and control a specific agenda item in the next and future annual refresher training.

Please call if you have any questions.

Sincerely,



Steve Reuter  
Radiation Safety Officer

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cc: U.S. Nuclear Regulatory Commission, Region III  
Sarah Bakhsh  
Mike McConnell  
Andrew Rath sack  
Bill Paraskevas