

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

<p>1. LICENSEE/LOCATION INSPECTED:</p> <p>Chase Environmental Group, Inc 11450 Walterson Court Louisville, KY 40299</p> <p>REPORT NUMBER(S) 2019006</p>	<p>2. NRC/REGIONAL OFFICE</p> <p>Region III U. S. Nuclear Regulatory Commission 2443 Warrenville Road, Suite 210 Lisle, IL 60532-4352</p>	
<p>3. DOCKET NUMBER(S)</p> <p>150-00016</p>	<p>4. LICENSE NUMBER(S)</p> <p>KY-201-605-15 (Agreement State)</p>	<p>5. DATE(S) OF INSPECTION</p> <p>May 30, 2019</p>

LICENSEE:

The inspection was an examination of the activities conducted under your license as they relate to radiation safety and to compliance with the Nuclear Regulatory Commission (NRC) rules and regulations and the conditions of your license. The inspection consisted of selective examinations of procedures and representative records, interviews with personnel, and observations by the inspector. The inspection findings are as follows:

- 1. Based on the inspection findings, no violations were identified.
- 2. Previous violation(s) closed.
- 3. The violation(s), specifically described to you by the inspector as non-cited violations, are not being cited because they were self-identified, non-repetitive, and corrective action was or is being taken, and the remaining criteria in the NRC Enforcement Policy, to exercise discretion, were satisfied.

_____ Non-cited violation(s) were discussed involving the following requirement(s):

- 4. During this inspection, certain of your activities, as described below and/or attached, were in violation of NRC requirements and are being cited in accordance with NRC Enforcement Policy. This form is a NOTICE OF VIOLATION, which may be subject to posting in accordance with 10 CFR 19.11.
(Violations and Corrective Actions)

Statement of Corrective Actions

I hereby state that, within 30 days, the actions described by me to the Inspector will be taken to correct the violations identified. This statement of corrective actions is made in accordance with the requirements of 10 CFR 2.201 (corrective steps already taken, corrective steps which will be taken, date when full compliance will be achieved). I understand that no further written response to NRC will be required, unless specifically requested.

TITLE	PRINTED NAME	SIGNATURE	DATE
LICENSEE'S REPRESENTATIVE			
NRC INSPECTOR	Edward F. Harvey/Dennis P. O'Dowd	<i>Edward Harvey / Dennis P. O'Dowd</i>	6/20/2019
BRANCH CHIEF	Aaron T. McCraw	<i>[Signature]</i>	6/20/19

Docket File Information

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6. INSPECTION PROCEDURES USED 87126	7. INSPECTION FOCUS AREAS All
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SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM CODE(S) 03234	2. PRIORITY 2	3. LICENSEE CONTACT Chris Echterling, RSO	4. TELEPHONE NUMBER (865) 816-6015
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Main Office Inspection Next Inspection Date: TBD
 Field Office Inspection
 Temporary Job Site Inspection 27566 US-12, Edwardsburg, Michigan

PROGRAM SCOPE

This was a limited-scope, reciprocity inspection of a sealed source recovery performed by an environmental services group licensed by the Commonwealth of Kentucky. The licensee was contracted by a company who discovered that a sealed source, containing approximately 4.5 mCi of cesium-137 (Cs-137), broke free from its weld on the source rod of a Troxler Model 3430 portable gauge while taking a measurement at a temporary job site in Edwardsburg, Michigan. The best estimated location of the source was 2 feet underground beneath four inches of a recently poured sidewalk. The licensee filed its reciprocity request with the NRC for this service on May 24, 2019. All activities were performed by two authorized individuals employed by the licensee.

This inspectors observed the licensee perform radiological surveys of the sidewalk to confirm the best estimate of the source location. Once this location was determined, licensee personnel cordoned off the area and posted it as a radiologically controlled area until successful recovery of the source was achieved and contamination surveys were completed. The inspectors observed a safety briefing given by the licensee that discussed the potential hazards on the work site. The licensee staff wore personal dosimetry and provided direct reading dosimeters to three individuals that were contracted to remove the concrete above the source. The inspectors then observed excavation of the concrete, periodic surveys and wipe tests, excavation of the soil, and location of the source with no issues noted. Once the source was located, the inspectors observed the licensee use long handled tools to perform a wipe test for leakage and place the source into a shielded container. After the source was removed from the ground, the licensee performed surveys of the surrounding soil and concrete to determine that there was no indication of residual contamination. All individuals that entered the controlled area were also surveyed for contamination. The inspectors performed independent and confirmatory surveys to verify these results. Following the surveys, the area was released from radiological control.

The licensee stated that the source would be transported to a waste broker in Wampum, PA. The inspectors observed the licensee package the source within a Type A container, determine the transport index, block and brace the container, and generate the shipping papers with no issues noted. Dosimetry results indicated no exposures in excess of NRC limits.

No violations of NRC requirements were identified during this inspection.