NRC FORM 591M PART 1
(07-2012)
10 CFR 2.201

U.S. NUCLEAR REGULATORY COMMISSION

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED:	2. NRC/REGIONAL OFFICE
Genesis Solid Waste Group, Inc. 514 Earth City Expressway Suite 314 St. Louis, MO 63045 REPORT NUMBER(S) 2015-001	Region III U. S. Nuclear Regulatory Commission 2443 Warrenville Road, Suite 210 Lisle, IL 60532-4352

3. DOCKET NUMBER(S)	4. LICENSE NUMBER(S)	5. DATE(S) OF INSPECTION
030-36674	24-32539-01	May 11 , 2015

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 violations(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	Dennis O'Dowd	Dennis O'Dowd	5/11/15
BRANCH CHIEF	Aaron T. McCraw		6/2/15

NRC FORM 591M PART 3
(07-2012)
10 CFR 2.201

U.S. NUCLEAR REGULATORY COMMISSION

Docket File Information

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030-36674	24-32539-01	May 11, 2015

6. INSPECTION PROCEDURES USED	7. INSPECTION FOCUS AREAS
87124	03.01-03.07

SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM CODE(S)	2. PRIORITY	3. LICENSEE CONTACT	4. TELEPHONE NUMBER
03121	5	Ted Shear, Radiation Safety Officer	(314) 739-0906

☑ Main Office Inspection Next Inspection Date: 05/11/2020

☐ Field Office Inspection

☑ Temporary Job Site Inspection Progressive Waste Solutions worksite

PROGRAM SCOPE

This was a routine, unannounced inspection. The licensee has two Troxler Model 3400 series portable nuclear gauges for measuring physical properties of materials. The licensee uses these gauges at least on a weekly basis during construction season from March-October at construction engineering projects, particularly landfills, throughout the Missouri area. The licensee currently has six employees, three of whom are authorized users, including the RSO, who have received the manufacturer's training.

Performance Observations

The licensee had one gauge in storage at its facility, and the other in storage at an ongoing temporary job site. The inspector observed that the gauge stored at its facility was locked in a storage area (secured by two independent physical barriers, (i.e., locks)), in its locked transport container. The gauge located at the temporary job site was not in use due to wet weather conditions. The inspector conducted an inspection of the gauge storage at the temporary job site and confirmed that the gauge was locked in an onsite storage facility, and that the gauge was locked in its transport case, and the case properly secured by two independent physical barriers, (i.e., a chain secured to the wall and two separate locks, one on each side of the gauge container). The inspector's independent radiation measurements indicated about 1 mR/hr (maximum) at the surface of each of the gauges, and readings taken of adjacent, unrestricted areas did not exceed 0.6 mR/hr. Workers spent less than five percent of their time in the areas adjacent to the gauge storage area. The inspector interviewed authorized users of the gauge and determined that they had adequate knowledge of radiation safety, gauge handling techniques, and emergency procedures. The inspector reviewed dosimetry records and the highest recorded radiation exposure for 2014 was 6 mrem whole body. The inspector verified that the gauge users carried proper shipping papers (i.e., bill of lading), which contained a valid emergency contact telephone number, during transport of the gauges, and that all gauge users had obtained initial and refresher hazardous material transportation training. Periodic inventories and leak testing of sealed sources were conducted as required, and daily utilization logs were maintained.

No violations of NRC requirements were identified during this inspection.