

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED: City of Midland, Michigan 333 West Ellsworth Street Midland, MI 48640 REPORT NUMBER(S) 2013-001		2. NRC/REGIONAL OFFICE Region III U. S. Nuclear Regulatory Commission 2443 Warrenville Road, Suite 210 Lisle, IL 60532-4352	
3. DOCKET NUMBER(S) 030-17935	4. LICENSE NUMBER(S) 21-20078-01	5. DATE(S) OF INSPECTION 9 / 6 / 2013	

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	Ryan Craffey		9/6/13
BRANCH CHIEF	Aaron McCraw		9/9/13

Docket File Information

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED: City of Midland, Michigan 333 West Ellsworth Street Midland, MI 48640 REPORT NUMBER(S) 2013-001	2. NRC/REGIONAL OFFICE Region III U. S. Nuclear Regulatory Commission 2443 Warrenville Road, Suite 210 Lisle, IL 60532-4352
---	---

3. DOCKET NUMBER(S) 030-17935	4. LICENSE NUMBER(S) 21-20078-01	5. DATE(S) OF INSPECTION September 6, 2013
--------------------------------------	---	---

6. INSPECTION PROCEDURES USED 87124	7. INSPECTION FOCUS AREAS All
--	--------------------------------------

SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM CODE(S) 03121	2. PRIORITY 5	3. LICENSEE CONTACT Jeffrey Murphy - RSO	4. TELEPHONE NUMBER (989) 837-3354
---------------------------------	----------------------	---	---

Main Office Inspection Next Inspection Date: September 2018

Field Office Inspection

Temporary Job Site Inspection

PROGRAM SCOPE

This licensee is authorized by its NRC byproduct materials license to possess Cs-137 and Am-241 in Troxler moisture density gauges at its facility in Midland, Michigan, and at temporary job sites within NRC jurisdiction. The licensee currently possesses two gauges, as authorized by its license. The licensee collects leak tests of each gauge in the spring and fall, which are then analyzed by the manufacturer. The licensee does not perform any non-routine maintenance on its gauges; instead it sends the devices via common carrier to the manufacturer as needed. The licensee has four authorized users, who have taken the manufacturer's gauge training and who receive hazardous materials transportation refresher training every three years. The licensee does not possess a survey meter, but has access to one in the event of an emergency from the local fire department, the state police or the Michigan Department of Transportation. The RSO and another authorized user review the content and implementation of the program every winter.

PERFORMANCE OBSERVATIONS

The inspector toured the licensee's storage facility, and found that the gauges were properly posted and adequately secured by at least two independent physical controls. Independent surveys of the storage location found no readings in excess of public dose limits, and surveys of the gauges themselves found readings similar to those described in the relevant Sealed Source and Device Registry safety evaluation. Neither of the gauges were in use at the time of inspection, and the two primary authorized users were in the field performing other duties. However, the RSO was able to satisfactorily describe to the inspector the licensee's methods for transporting and using the gauges, in addition to the licensee's emergency response procedures. Through these interviews the inspector found that the RSO was knowledgeable of radiation safety principles.

The inspector also reviewed a selection of licensee records for leak tests, use logs, training, shipping, transportation and dosimetry, which demonstrated that annual exposures from the gauges were below regulatory limits.

No violations of NRC requirements were identified as a result of this inspection.