

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED:

Consumers Energy
Laboratory Services
135 W. Trail Street
Jackson, MI 49201

REPORT NUMBER(S) 2019001

2. NRC/REGIONAL OFFICE

Region III
U. S. Nuclear Regulatory Commission
2443 Warrenville Road, Suite 210
Lisle, IL 60532-4352

3. DOCKET NUMBER(S)

030-04868

4. LICENSE NUMBER(S)

21-08606-03

5. DATE(S) OF INSPECTION

4/5/19

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:


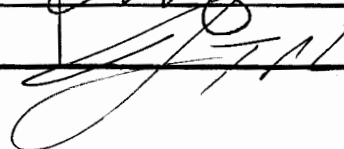
- ☒ 1. Based on the inspection findings, no violations were identified.
- ☐ 2. Previous violation(s) closed.
- ☐ 3. The violation(s), specifically described to you by the inspector as non-cited violations, are not being cited because they were self-identified, non-repetitive, and corrective action was 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 | Luis Nieves Folch |  | 4/5/19 |
| BRANCH CHIEF | Aaron T. McCraw |  | 4/30/19 |

Docket File Information

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| 3. DOCKET NUMBER(S) 030-04868 | 4. LICENSE NUMBER(S) 21-08606-03 | 5. DATE(S) OF INSPECTION April 5, 2019 | |
| 6. INSPECTION PROCEDURES USED 87121 | | 7. INSPECTION FOCUS AREAS 03.01-03.08 | |

SUPPLEMENTAL INSPECTION INFORMATION

| | | | |
|-----------------------------|------------------|--|---------------------------------------|
| 1. PROGRAM CODE(S) 03320 | 2. PRIORITY 1 | 3. LICENSEE CONTACT John Merrill, RSO | 4. TELEPHONE NUMBER (517) 788-7104 |
|-----------------------------|------------------|--|---------------------------------------|

- ☒ Main Office Inspection Next Inspection Date: April 5, 2020
- ☒ Field Office Inspection 17000 Croswell St. West Olive, MI
- ☐ Temporary Job Site Inspection

PROGRAM SCOPE

This was an unannounced, routine inspection of a public utility authorized to use byproduct material for industrial radiography at its locations in Jackson, Bay City, and West Olive, Michigan, and at temporary job sites in NRC jurisdiction. At the time of the inspection, the licensee possessed seven radiographic exposure devices and employed 33 radiographers and assistants who used the devices on a daily basis across all three locations and other temporary job sites in Michigan.

PERFORMANCE OBSERVATIONS

The inspector toured the licensee's facilities in Jackson and West Olive, to evaluate the licensee's measures for materials security, hazard communication, and exposure control. The licensee demonstrated camera checks, use of the camera, surveys, and how to set up boundaries. The inspector interviewed the licensee's staff to discuss a variety of radiation safety topics, including the use of shielding during radiographic operations, emergency response measures, and source exchanges. The inspector noted that the crews maintained and properly used appropriate instrumentation and dosimetry. The inspector also reviewed a selection of available records, including utilization logs, sealed source and depleted uranium shield leak test results, personnel dosimetry reports, shipping and receiving records, refresher training, and radiographer audits.

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