

NRC FORM 581M PART 1 **U.S. NUCLEAR REGULATORY COMMISSION**
 (07-2012)
 10 CFR 2.201 **SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION**

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| 1. LICENSEE/LOCATION INSPECTED: Plastatech Engineering, Ltd. 725 Morley Drive Saginaw, MI 48601 REPORT NUMBER(S) 2016001 | 2. NRC/REGIONAL OFFICE Region III U. S. Nuclear Regulatory Commission 2443 Warrenville Road, Suite 210 Lisle, IL 60532-4352 |
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| 3. DOCKET NUMBER(S) 030-34117 | 4. LICENSE NUMBER(S) 21-26714-01 | 5. DATE(S) OF INSPECTION August 26, 2016 |
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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 10.11.
 (Violations and Corrective Actions)
 Contrary to License Condition 13A of NRC License 21-26714-01 and the certificate of registration for the Thermo Fisher Scientific Model TFC-190 Beta Gauge; from January 15, 2015 to August 29, 2016, a period greater than six months, the licensee failed to perform leak tests on their two Thermo Fisher Scientific Model TFC-190 Beta Gauges.

As corrective action, the licensee has signed a contract with Thermo Fisher Scientific to provide preventative maintenance support and conduct semi-annual tests for leakage.

A test for leakage was performed and full compliance was achieved as of August 29, 2016.

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 | MICHAEL J. MATTHEWS | <i>Michael J. Matthews</i> | 10/18/16 |
| NRC INSPECTOR | Edward F. Harvey | <i>Edward F. Harvey</i> | 10/18/16 |
| BRANCH CHIEF | Aaron T. McCraw | <i>Aaron T. McCraw</i> | 10/19/16 |

Docket File Information

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| 6. INSPECTION PROCEDURES USED 87124 | 7. INSPECTION FOCUS AREAS 3.01-3.07 |
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SUPPLEMENTAL INSPECTION INFORMATION

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|---------------------------------|----------------------|---|---|
| 1. PROGRAM CODE(S) 03120 | 2. PRIORITY 5 | 3. LICENSEE CONTACT Keith A. Goodale | 4. TELEPHONE NUMBER (800) 248-0280 |
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Main Office Inspection Next Inspection Date: August 26, 2021

Field Office Inspection _____

Temporary Job Site Inspection _____

PROGRAM SCOPE

This was a routine, unannounced inspection, with in-office review until October 10, 2016. The in-office review consisted of evaluation of information not available during the on-site inspection including maintenance and leak test records. The licensee was a vinyl roofing manufacturer authorized to possess fixed gauges for thickness measurements on their production lines. The licensee possessed two gauges containing strontium-90 and one gauge containing krypton-85.

The inspector toured the facility and observed the gauges in operation as the plant was in production. The inspector observed that gauge lockout procedures were visibly posted next to each fixed gauge and that a system interlock would cease production and alert the operator if an individual were to enter the area in which the gauges were operating. The inspector reviewed documentation of the services provided by the vendor of the gauges, including installation, maintenance, leak test analyses, and radiation surveys.

One violation of NRC requirements was identified during this inspection regarding failure to conduct leak tests as described in Part 1 of this report.