

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED: TUV Rheinland Industrial Solutions, Inc. 100 Industrial Blvd Aliquippa, PA 15001 REPORT NUMBER(S) 2018001		2. NRC/REGIONAL OFFICE Region III U. S. Nuclear Regulatory Commission 2443 Warrenville Road, Suite 210 Lisle, IL 60532-4352
3. DOCKET NUMBER(S) 030-38685	4. LICENSE NUMBER(S) 37-32340-02	5. DATE(S) OF INSPECTION 8/21/2018; with in-office review until 9/13/2018

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	<i>Edward Harvey</i>	9/13/2018
BRANCH CHIEF	Geoffrey M. Warren, Acting Chief	<i>GJW</i>	9/13/18

Docket File Information
SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED: TUV Rheinland Industrial Solutions, Inc. 100 Industrial Blvd Aliquippa, PA 15001 REPORT NUMBER(S) 2018001		2. NRC/REGIONAL OFFICE Region III U. S. Nuclear Regulatory Commission 2443 Warrenville Road, Suite 210 Lisle, IL 60532-4352	
3. DOCKET NUMBER(S) 030-38685	4. LICENSE NUMBER(S) 37-32340-02	5. DATE(S) OF INSPECTION 8/21/2018; with in-office review until 9/13/2018	
6. INSPECTION PROCEDURES USED 87121	7. INSPECTION FOCUS AREAS All		

SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM CODE(S) 03320	2. PRIORITY 1	3. LICENSEE CONTACT Chris Dugan, RSO	4. TELEPHONE NUMBER (412) 980-2417
--	-----------------------------	--	--

☒ Main Office Inspection Next Inspection Date: 8/21/2019

☒ Field Office Inspection Caledonia & Sanford, Michigan

☐ Temporary Job Site Inspection

PROGRAM SCOPE

This was an unannounced routine inspection of an industrial services company authorized to use radioactive material for industrial radiography at its field offices in Caledonia and Sanford, Michigan, and at temporary job sites within NRC jurisdiction. The in-office review consisted of interviews with radiography personnel that were unavailable at the time of the inspection. The Sanford office served primarily as a storage location for non-destructive testing equipment, including radiographic exposure devices (REDs). The licensee had several crews based out of this location at the time of the inspection, though the crews were only physically present when collecting and returning equipment, film, and documentation. There were no REDs stored at the Caledonia office at the time of the inspection, although it was staffed during normal business hours. The licensee's RSO was based in Aliquippa, Pennsylvania and visited the Michigan offices monthly as part of his program oversight.

The inspector toured the facilities in Caledonia and Sanford to observe the licensee's measures for hazard communication and exposure control. There was no work being performed at temporary job sites while the inspector was in the area, so the inspector discussed with the crew their implementation of procedures for survey meter use, barrier setup and control, source retraction failure, and hazardous materials transportation. Through these discussions and observations, the inspector found the licensee's REDs to be properly labeled and in good working order, the licensee's dosimetry and survey instruments to be calibrated and operable, and the crew to be knowledgeable of radiation protection principles and licensee procedures. The inspector also conducted independent surveys of the Caledonia and Sanford field offices and found no exposures above regulatory limits to members of the public at either location.

The inspectors also reviewed a selection of records related to activities based at these field stations, including utilization logs, shipping papers, sealed source and DU shield leak tests, current operating and emergency procedures, dosimetry, training records, field audits, inventories, and instrument calibration records.

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

GW
9/13/18