

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED:

JANX Integrity Group
8550 East Michigan Avenue
Parma, MI 49269

REPORT NUMBER(S) 2017001

2. NRC/REGIONAL OFFICE

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

3. DOCKET NUMBER(S)

030-11772

4. LICENSE NUMBER(S)

21-16560-01

5. DATE(S) OF INSPECTION

JANUARY 23-25, 2017

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:

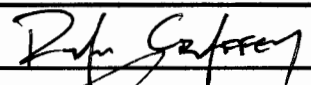
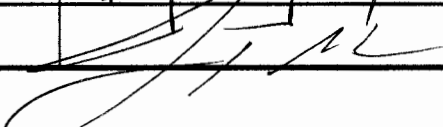
- ☒ 1. Based on the inspection findings, no violations were identified.
- ☒ 2. Previous violation(s) closed.
- ☐ 3. The violation(s), specifically described to you by the inspector as non-cited violations, are not being cited because they were self-identified, non-repetitive, and corrective action was 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		1/31/17
BRANCH CHIEF	Aaron McCraw		2/3/17

Docket File Information**SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION**

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January 23-25, 2017

6. INSPECTION PROCEDURES USED

87121

7. INSPECTION FOCUS AREAS

All FEs; NMED 160222 (Closed), 160531 (Closed)

SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM CODE(S)

03320

2. PRIORITY

1

3. LICENSEE CONTACT

Steve Flickinger - RSO

4. TELEPHONE NUMBER

(517) 531-8210

☒ Main Office Inspection

Next Inspection Date: 01/23/2018

☐ Field Office Inspection☒ Temporary Job Site Inspection Detroit, Dearborn, and Saginaw, MI (see below)**PROGRAM SCOPE**

This was an announced routine inspection of a large non-destructive testing company authorized to use radioactive material for industrial radiography at numerous field stations and at temporary job sites throughout NRC jurisdiction. The licensee's corporate and radiation safety staff, including the RSO, were based in Parma, Michigan, as were many of the licensee's radiographic exposure devices. At the time of the inspection, the licensee employed approximately 240 active radiographers and assistants.

PERFORMANCE OBSERVATIONS

The inspector reviewed the various elements of licensee's radiation safety program at its facility in Parma. The licensee's staff demonstrated the implementation of procedures for survey instrument and dosimetry calibration, sealed source inventories and source exchanges. The inspector reviewed the licensee's tracking mechanisms for instrument calibrations and radiographer field audits, and discussed two open NMED events with the licensee's RSO, which the NRC now considers to be closed. The inspector also reviewed a selection of records for initial and refresher training, radiographer field audits, camera maintenance and sealed source leak tests, survey instrument and dosimetry calibrations, annual program audits, and dosimetry, which recorded a maximum annual exposure of 3,688 millirem whole-body in 2016. The inspector reviewed with the RSO plans which the licensee had developed to address this annual dose and two others which exceeded 3 rem in 2016.

The inspector also observed the conduct of radiographic operations at three temporary job sites: at the intersections of Prentis St. & 2nd Ave. in Detroit, Rotunda Dr. and Southfield Rd. in Dearborn, and at 3025 S River Rd. in Saginaw. The inspector noted the satisfactory implementation of restricted area barriers and shielding during these operations, as confirmed by independent surveys. Through interviews, the inspector found that the crews were knowledgeable of radiation protection principles and licensee procedures, and that their dosimetry and survey instruments were calibrated, operable, and properly utilized. The inspector also observed the performance of a field audit for the crew working at the Saginaw job site, and reviewed a selection of utilization logs available at each job site.

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