

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED:

JANX Integrity Group
8550 East Michigan Avenue
Parma, MI 49269

REPORT NUMBER(S) 2017007

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

December 11-13, 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:

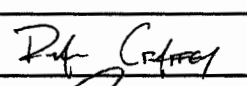
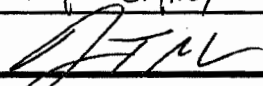
- ☒ 1. Based on the inspection findings, no violations were identified.
- ☒ 2. Previous violation(s) closed.
- ☐ 3. The violation(s), specifically described to you by the inspector as non-cited violations, are not being cited because they were self-identified, non-repetitive, and corrective action was 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		12/20/2017
BRANCH CHIEF	Aaron McCraw		12/21/2017

Docket File Information

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6. INSPECTION PROCEDURES USED 87121	7. INSPECTION FOCUS AREAS All	

SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM CODE(S) 03320	2. PRIORITY 1	3. LICENSEE CONTACT Steve Flickinger - RSO	4. TELEPHONE NUMBER (517) 531-8210
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- ☒ Main Office Inspection Next Inspection Date: 12/11/2018
- ☐ Field Office Inspection
- ☒ Temporary Job Site Inspection Sites in Milford and Allen Park, MI (see below)

PROGRAM SCOPE

This was an unannounced 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 radiation safety staff, including the RSO, were based at the company's headquarters in Parma, Michigan, as were many of the licensee's radiographic exposure devices. At the time of the inspection, the licensee employed approximately 360 active radiographers and assistants.

PERFORMANCE OBSERVATIONS: The inspector reviewed elements of the licensee's radiation safety program while at its facility in Parma. The licensee's staff demonstrated the implementation of procedures for survey instrument and dosimetry calibration, and periodic inventories of radioactive material. The inspector reviewed the licensee's tracking mechanisms for radiographer field audits, its process for monitoring occupational exposures, and a selection of records for initial and refresher training, radiographer field audits, camera maintenance and inventories, sealed source leak testing, survey instrument and dosimetry calibrations, annual program audits, and film badge reports, which recorded a maximum annual whole-body exposure of 2,396 millirem in 2017 through September 30. The inspector also observed the conduct of radiographic operations at two temporary job sites: one at 1745 South Duck Lake Road in Milford, and a second at 17475 Federal Drive in Allen Park. The inspector noted the satisfactory implementation of restricted area barriers and ALARA practices during these operations, as confirmed by independent surveys. Through interviews, the inspector found that both 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 verified the completion and assessed the effectiveness of corrective actions for a Severity Level III problem identified in IR 03011772/2016002(DNMS). The inspector confirmed that the employment of the radiographers involved had been terminated, and that the incident had been included in refresher training performed in early 2016. The inspector found that licensee staff interviewed during this and previous field inspections in 2017 were aware of the incident, and the potential consequences of committing deliberate violations of NRC requirements. The inspector identified no additional examples of this problem, and determined that the licensee had implemented adequate corrective actions; therefore, this problem is closed. No violations of NRC requirements were identified during this inspection.