



Materials Inspection Report

1. Licensee/Location Inspected: JAN X-Ray Services, Inc. 8550 East Michigan Avenue Parma, MI 49269 Report Number(s) 2023-002	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 08/23-24/23; exit 08/25/23

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. During this inspection, certain of your activities, as described below and/or attached, were in violation of NRC requirements, and were assessed at Severity Level IV, in accordance with the NRC Enforcement Policy.

A. 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, corrective action was or is being taken, and the remaining criteria in the NRC Enforcement Policy were satisfied.
 (Non-cited violation(s) was/were discussed involving the following requirement(s))

B. The following violation(s) is/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 AND DATE
LICENSEE'S REPRESENTATIVE		
NRC INSPECTOR	Ryan Craffey	 <small>Digitally signed by Ryan J. Craffey Date: 2023.08.30 12:08:39 -05'00'</small>
BRANCH CHIEF	Rhex Edwards	 <small>Digitally signed by Rhex A. Edwards Date: 2023.09.17 14:55:08 -05'00'</small>



Materials Inspection Record

1. Licensee Name: JAN X-Ray Services, Inc.		2. Docket Number(s): 030-11772		3. License Number(s) 21-16560-01	
4. Report Number(s): 2023-002			5. Date(s) of Inspection: August 23-24, 2023; exit August 25, 2023		
6. Inspector(s): Ryan Craffey		7. Program Code(s): 04312	8. Priority: 1	9. Inspection Guidance Used: IP 87121	
10. Licensee Contact Name(s): Travis Rogers - CRSO James Maramaba - RSO		11. Licensee E-mail Address: travis.rogers@janxndt.com james.maramaba@janxndt.com		12. Licensee Telephone Number(s): 517-945-4192 517-432-4606	

13. Inspection Type:	14. Locations Inspected:	15. Next Inspection Date (MM/DD/YYYY):	
<input type="checkbox"/> Initial <input checked="" type="checkbox"/> Routine <input type="checkbox"/> Announced <input type="checkbox"/> Non-Routine <input checked="" type="checkbox"/> Unannounced	<input type="checkbox"/> Hybrid <input checked="" type="checkbox"/> Main Office <input type="checkbox"/> Field Office <input checked="" type="checkbox"/> Temporary Job Site <input type="checkbox"/> Remote	08/23/2024	<input checked="" type="checkbox"/> Normal <input type="checkbox"/> Extended <input type="checkbox"/> Reduced <input type="checkbox"/> No change

16. Location(s) Inspected List:
 Main Office - 8550 East Michigan Avenue, Parma, MI
 Job Site - Schoolcraft Road at Rockdale Street, Detroit, MI
 Job Site - Beverly Road at Inkster Road, Taylor, MI
 Job Site - Ecorse Road at Belleville Road, Van Buren Township, MI
 Job Site - 1355 M-55, West Branch, MI

17. Scope and Observations:
 JAN X-Ray Services (JANX) was 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 were based at the company's main office in Parma, Michigan, as were many of the licensee's radiography personnel and equipment. At the time of the inspection, the licensee employed nearly 200 radiography staff across all jurisdictions. Within NRC jurisdiction, the licensee was active in Michigan, Indiana, Missouri, and West Virginia.

The inspector visited the main office in Parma to review elements of the licensee's radiation safety program. All areas were adequately posted, and all licensed material was adequately secured and accounted for. The inspector performed independent surveys in the vicinity of material in storage; dose rates in unrestricted areas remained well below regulatory limits to members of the public. The inspector interviewed the licensee's radiation safety staff and reviewed a selection of records, including program audits, radiographer audits, camera shipping, receipt and maintenance records (including DU leak test results), utilization logs, quarterly inventories, initial and refresher safety training, and personnel dosimetry reports, which recorded maximum occupational doses of 2297 mrem DDE in 2022 and 580 mrem DDE in 2023 through June 30, and which the licensee had submitted to REIRS as required.

The inspector also observed the conduct of licensed activities at four temporary job sites in Michigan as noted in Box 16. All involved natural gas pipeline construction work. The inspector conducted independent and confirmatory surveys in the vicinity of each operation, and noted that the crews established adequate barriers to limit exposure to members of the public whenever radiographic operations were in progress. Cameras and other radiography equipment were in good condition and adequately labeled, and all survey instruments, ratemeters, and direct reading dosimeters were calibrated and operable. Each crew adhered to physical presence requirements for radiography and utilized their equipment and instrumentation properly, and all personnel were knowledgeable and conscientious of radiation protection principles, licensee procedures, and regulatory requirements.

Materials Inspection Record (Continued)

No violations of NRC requirements were identified as a result of this inspection. The inspector held and exit meeting by video teleconference with the licensee's radiation safety staff on August 25, 2023.

Signature and Date - Branch Chief



Digitally signed by Rhex A. Edwards
Date: 2023.09.17 14:54:15 -05'00'