



## Materials Inspection Report

## 1. Licensee/Location Inspected:

ECS Midwest, LLC  
1575 Barclay Blvd.  
Buffalo Grove, IL 60089

Report Number(s) 2024-001

## 2. NRC/Regional Office

Region III  
U. S. Nuclear Regulatory Commission  
2056 Westings Avenue, Suite 400  
Naperville, IL 60563-2657

## 3. Docket Number(s)

030-37757

## 4. License Number(s)

12-32696-01

## 5. Date(s) of Inspection

10/29/2024 - 12/30/2024

## 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	Mary Casto	MARY CASTO <small>Digitally signed by MARY CASTO Date: 2025.01.08 14:01:12 -06'00'</small>
BRANCH CHIEF	Rhex Edwards	 <small>Digitally signed by RHEX EDWARDS Date: 2025.01.08 14:05:34 -06'00'</small>



## Materials Inspection Record

1. Licensee Name: ECS Midwest, LLC		2. Docket Number(s): 030-37757		3. License Number(s) 12-32696-01	
4. Report Number(s): 2024-001			5. Date(s) of Inspection: 10/29/2024 - 12/30/2024		
6. Inspector(s): M. Casto		7. Program Code(s): 03121		8. Priority: 5	9. Inspection Guidance Used: IP 87139
10. Licensee Contact Name(s): Jason Peters, RSO		11. Licensee E-mail Address: JPeters@ecslimited.com		12. Licensee Telephone Number(s): 847-777-0375	
13. Inspection Type: <input checked="" type="checkbox"/> Routine <input type="checkbox"/> Announced <input type="checkbox"/> Non-Routine <input checked="" type="checkbox"/> Unannounced		14. Locations Inspected: <input type="checkbox"/> Hybrid <input checked="" type="checkbox"/> Main Office <input type="checkbox"/> Temporary Job Site <input type="checkbox"/> Field Office <input type="checkbox"/> Remote		15. Next Inspection Date (MM/DD/YYYY): 10/29/2029 <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Extended <input type="checkbox"/> Reduced <input type="checkbox"/> No change	
16. Location(s) Inspected List: 1575 Barclay Blvd., Buffalo Grove, IL 60089					
17. Scope and Observations: <p>ECS Midwest was an engineering consulting services company authorized to use portable gauges at temporary job sites (TJS) within NRC jurisdiction. The licensee held an Illinois possession license and conducted similar work in Illinois. ECS Midwest employed 11 gauge users at the Buffalo Grove location and 13 gauge users at the Bridgeview location. The licensee possessed nine Troxler and one Humbolt gauge in Buffalo Grove and five Troxler and one roof gauge in Bridgeview. The RSO oversaw both locations and users from both could be assigned to jobs in Indiana (no jobs in Michigan). The licensee started a job in East Chicago after the main office inspection and the inspector tried several times to conduct a TJS inspection. The licensee was responsive, but scheduling issues and weather prevented the TJS inspection in a timely fashion. The inspector requested that the RSO let the NRC know of future plans in NRC jurisdiction so a TJS inspection could be completed.</p> <p>The inspector toured the storage area, reviewed utilization logs and shipping papers, and had a gauge user demonstrate loading, blocking, and bracing a gauge to take to the field. The inspector verified postings and conducted confirmatory surveys. No exposure rates above limits to the public were found. The licensee had emergency response procedures in binders that traveled with each gauge. The licensee's most recent project in NRC jurisdiction was in 2023 in Indiana. The individual who worked on the project had an effective dose equivalent of 71 mrem in 2023. This is below the occupational limits and consistent with the licensees' commitment to wear dosimetry when doing work in NRC jurisdiction. The inspector reviewed inventories and program audits. All gauge users were trained and up to date on DOT Hazmat training. The RSO anticipated future projects in Northwest Indiana but none in Michigan.</p> <p>No violations of NRC requirements were identified as a result of this inspection.</p>					
Signature and Date - Branch Chief  Digitally signed by RHEX EDWARDS Date: 2025.01.08 14:05:00 -06'00'					

**From:** [Mary Casto \(She/Her\)](#)  
**To:** [Jason F. Peters](#)  
**Subject:** NRC Inspection Report  
**Date:** Wednesday, January 8, 2025 2:27:00 PM  
**Attachments:** NRC 591M ECS Midwest\_RAE.pdf

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Jason,

Attached is the clear report for the inspection conducted 10/29 – 12/30/2024. Please review and keep this document for your records. No further action is needed on your part.

In accordance with Title 10 of the Code of Federal Regulations 2.390 of the NRC's "Rules of Practice," a copy of this message will be available electronically for public inspection in the NRC's Public Document Room or from the NRC's Agencywide Documents Access and Management System (ADAMS), accessible from the NRC's website at <http://www.nrc.gov/reading-rm/adams.html>.

Please feel free to contact me if you have any questions regarding this correspondence.

Please keep us informed of any future projects in NRC jurisdiction so we can perform a job site inspection in the future. Thank you.

Best,

Mary Casto  
Health Physicist  
Materials Inspection Branch  
Division of Radiological Safety and Security  
Region III  
630-829-9837