



## Materials Inspection Report

<b>1. Licensee/Location Inspected:</b>  Cadillac Castings, Inc. 1500 Fourth Ave. Cadillac, MI 49601  <b>Report Number(s)</b> 2023-001	<b>2. NRC/Regional Office</b>  Region III U. S. Nuclear Regulatory Commission 2443 Warrenville Road, Suite 210 Lisle, IL 60532-4352
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<b>3. Docket Number(s)</b> 030-32072	<b>4. License Number(s)</b> 21-26282-01	<b>5. Date(s) of Inspection</b> November 29, 2023
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**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	Jason Dykert; Earlon Shirley	Jason C. Dykert <small>Digitally signed by Jason C. Dykert Date: 2023.12.04 09:12:44 -07'00'</small>
BRANCH CHIEF	Rhex Edwards	 <small>Digitally signed by Rhex A. Edwards Date: 2023.12.22 07:05:56 -06'00'</small>



### Materials Inspection Record

1. Licensee Name: Cadillac Castings, Inc.		2. Docket Number(s): 030-32072		3. License Number(s) 21-26282-01	
4. Report Number(s): 2023-001			5. Date(s) of Inspection: 11/29/2023		
6. Inspector(s): Jason Dykert; Earlon Shirley		7. Program Code(s): 03120	8. Priority: 5	9. Inspection Guidance Used: IP 87124	
10. Licensee Contact Name(s): Erik Olson - RSO		11. Licensee E-mail Address: eolson@cadillaccasting.com		12. Licensee Telephone Number(s): 231-779-9600	

13. Inspection Type: <input type="checkbox"/> Initial		14. Locations Inspected: <input type="checkbox"/> Hybrid		15. Next Inspection Date (MM/DD/YYYY):	
<input checked="" type="checkbox"/> Routine	<input type="checkbox"/> Announced	<input checked="" type="checkbox"/> Main Office	<input type="checkbox"/> Field Office	11/29/2028	
<input type="checkbox"/> Non-Routine	<input checked="" type="checkbox"/> Unannounced	<input type="checkbox"/> Temporary Job Site	<input type="checkbox"/> Remote	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Extended
				<input type="checkbox"/> Reduced	<input type="checkbox"/> No change

16. Location(s) Inspected List:

1500 Fourth Avenue, Cadillac, MI

17. Scope and Observations:

This was an assist inspection for Region III. The last routine inspection in 2018 identified 2 SLIV violations, for failure to perform leak tests at least once every three years, and failing to perform annual audits each year. Corrective actions for these violations were reviewed during this inspection. Cadillac Castings possessed one fixed gauge, a Thermo Process Instruments 5201, for monitoring the level of raw material going into a melting furnace.

The inspectors interviewed the RSO and observed the installed gauge in use. Area postings were adequate, independent surveys indicated the gauge shielding was intact as area dose rates were minimal. The inspectors observed the RSO properly collect samples for leak test analysis and perform a shutter test. The inspectors reviewed records of previous leak test results, which had been completed as required since the last inspection. The RSO had a work order generated every six months to ensure physical inventory and shutter tests were performed as required. The RSO also performed audits of the program each time the work order was generated, and wrote notes on the work order form to document the audit. Both violations from 2018 are considered closed.

The inspectors noted that the licensee's fixed gauge had been exchanged by the manufacturer in 2011 with a generally licensed device (s/n B5414) that is still listed in GLTS under recipient code GL-60803. The licensee has kept this gauge under their specific license and covered the GL label as permitted under 10 CFR 31.5(c)(8)(iii)(B). However, the licensee is considering terminating the specific license and reverting to possessing the gauge under a general license as permitted by 10 CFR 31.5(c)(9), and would make the required report if such a transfer occurred. The RSO stated that they would plan to coordinate any potential future efforts with Region III licensing staff.

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

Signature and Date - Branch Chief



Digitally signed by Rhex A. Edwards  
Date: 2023.12.22 07:05:31 -06'00'