



Materials Inspection Report

1. Licensee/Location Inspected: Billerud Quinnesec LLC W6791 U.S Hwy 2 Quinnesec, MI, 49876 Report Number(s) 2024-001	2. NRC/Regional Office Region III U. S. Nuclear Regulatory Commission 2443 Warrenville Road, Suite 210 Lisle, IL 60532-4352
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3. Docket Number(s) 030-29166	4. License Number(s) 21-24692-01	5. Date(s) of Inspection 5/31/2024-7/23/2024
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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	Ryan Craffey, Daniel Fiedorek	<small>Digitally signed by RYAN CRAFFEY Date: 2024.08.07 18:12:14 -05'00'</small> <small>DANIEL FIEDOREK Digitally signed by DANIEL FIEDOREK Date: 2024.08.07 10:42:29 -05'00'</small>
BRANCH CHIEF	Rhex Edwards	<small>Digitally signed by RHEX EDWARDS Date: 2024.08.13 10:24:12 -05'00'</small>



Materials Inspection Record

1. Licensee Name: Billerud Quinnesec LLC		2. Docket Number(s): 030-29166		3. License Number(s) 21-24692-01	
4. Report Number(s): 2024-001			5. Date(s) of Inspection: 5/31/2024, in office review through 7/23/2024		
6. Inspector(s): Ryan Craffey, Daniel Fiedorek		7. Program Code(s): 03120	8. Priority: 5	9. Inspection Guidance Used: IP 87124	
10. Licensee Contact Name(s): Robert Grandahl, RSO		11. Licensee E-mail Address: Robert.Grandahl@billerud.com		12. Licensee Telephone Number(s): 906-779-3344	
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"/> Remote		15. Next Inspection Date (MM/DD/YYYY): 5/31/2029 <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Extended <input type="checkbox"/> Reduced <input type="checkbox"/> No change	
16. Location(s) Inspected List: W6791 U.S Hwy 2, Quinnesec, MI, 49876					
17. Scope and Observations: <p>This was an unannounced routine inspection of a paper mill in Quinnesec, Michigan. At the time of inspection, the licensee possessed 12 gauges under its specific license, each containing Cs-137, and several other generally licensed devices. The licensee RSO recently changed prior to the inspection and the former RSO was now the assistant RSO. In addition, the licensee had several other personnel who performed inventories, shutter tests, and leak tests. The inspection efforts included a walk-through of the licensee facility and a review of records.</p> <p>The inspectors toured the licensee facility and observed all specifically licensed gauges. Independent surveys were taken around the gauge (RadEye G Survey meter S/N 30650, last calibrated 04/08/2024) and no elevated readings were found. The inspectors observed that all gauges were properly posted and the environment they were used in was consistent with the conditions of normal use in the sealed source device registry. The licensee demonstrated how leak test samples were collected, how shutter checks were performed on the gauges, and described the lock-out tag-out program used for the gauges. No issues were observed from the facility walk-through.</p> <p>The records review consisted of a review of leak tests, inventories, shutter checks, preventative maintenance work orders, training records, survey meter calibrations, and material transfer records. A minor violation of LC 16.A was noted for the failure to complete shutter checks at six month intervals. The licensee performed shutter checks in August 2023 and then again in April 2024, an interval of eight months. To prevent recurrence, the licensee committed to tracking of shutter checks in the future under a separate work order from that for quarterly inventories.</p> <p>The licensee was previously issued a Severity Level IV violation in Inspection Report 2019-001 for a failure to conduct physical inventories every six months, as required by License Condition 15. The inspectors verified that the licensee had performed the required inventories at the required frequency since then. This violation is closed.</p> <p>No other violations of NRC requirements were identified.</p>					

Materials Inspection Record (Continued)

Signature and Date - Branch Chief

A handwritten signature in black ink, appearing to be 'RHEX EDWARDS', written over a horizontal line.

Digitally signed by RHEX EDWARDS
Date: 2024.08.13 10:23:51 -05'00'