

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED: ArcelorMittal Burns Harbor, LLC 250 West US Highway 12 Burns Harbor, IN 46304 REPORT NUMBER(S) 2017001		2. NRC/REGIONAL OFFICE Region III U. S. Nuclear Regulatory Commission 2443 Warrenville Road, Suite 210 Lisle, IL 60532-4352	
3. DOCKET NUMBER(S) 030-37546	4. LICENSE NUMBER(S) 13-32670-01	5. DATE(S) OF INSPECTION 05/18/17, with in-office review through 07/19/17	

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	<i>Ryan Craffey</i>	07/31/2017
BRANCH CHIEF	Aaron McCraw	<i>AJ Mil</i>	08/02/2017

Docket File Information

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<p>3. DOCKET NUMBER(S)</p> <p>030-37546</p>	<p>4. LICENSE NUMBER(S)</p> <p>13-32670-01</p>	<p>5. DATE(S) OF INSPECTION</p> <p>05/18/17, with in-office review through 07/19/17</p>
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<p>6. INSPECTION PROCEDURES USED</p> <p>87124</p>	<p>7. INSPECTION FOCUS AREAS</p> <p>All</p>
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SUPPLEMENTAL INSPECTION INFORMATION

<p>1. PROGRAM CODE(S)</p> <p>03121</p>	<p>2. PRIORITY</p> <p>5</p>	<p>3. LICENSEE CONTACT</p> <p>Chris Sarvanidis - RSO</p>	<p>4. TELEPHONE NUMBER</p> <p>(218) 787-4642</p>
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Main Office Inspection Next Inspection Date: 05/18/2022

Field Office Inspection _____

Temporary Job Site Inspection _____

PROGRAM SCOPE

This was an announced routine inspection of an integrated steel mill authorized to use byproduct material in a variety of fixed process gauges at its facilities in Burns Harbor and Gary, Indiana. The mill had approximately 3,400 employees and produced coated steel sheet and plate products. The RSO was assisted by a health physics consultant and by instrumentation technicians in his oversight of the radiation safety program. Since the last inspection, the licensee had relocated all remaining material from Gary into secure storage at Burns Harbor.

PERFORMANCE OBSERVATIONS

The inspector toured select areas of the 2000-acre facility in Burns Harbor to evaluate the licensee's measures for materials security, hazard communication and exposure control. The inspector observed around a quarter of the licensee's in-use gauges, finding them to be properly labeled and in good condition. The inspector also toured the licensee's gauge storage facility, and verified a selection of its inventory. The inspector conducted independent surveys in the vicinity of the gauges observed and of those in storage. Readings were consistent with the applicable safety evaluations from the Sealed Source and Device Registry. The inspector interviewed the licensee's RSO, health physics consultant and an instrument technician to discuss the implementation of licensee procedures for gauge maintenance, lock-out/tag-out, and emergency response.

The inspector also reviewed a selection of records, including semi-annual leak test, inventory and shutter check records, dosimetry reports, and annual radiation safety training and audit documentation.

The licensee was previously cited in IR 03037546/2010002(DNMS) for three violations of regulatory requirements. The inspector reviewed the licensee's corrective actions, which appeared to be adequate, and identified no additional examples of these violations. These violations are therefore closed.

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

Craffey, Ryan

From: Craffey, Ryan
Sent: Wednesday, August 02, 2017 12:16 PM
To: 'Sarvanidis, Chris'
Subject: NRC Inspection Report
Attachments: NRC Inspection Report - ArcelorMittal Burns Harbor 2017.pdf

Hello Chris,

Attached is a copy of the signed and completed report for my inspection of your radiation safety program. Since no violations were identified, no additional action on your is required. Please feel free, however, to reach out any time if there is anything I can do to be of assistance.

Thanks!

Ryan Craffey
Health Physicist
US Nuclear Regulatory Commission
Materials Inspection Branch, Region III
(630) 829-9655