

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED: <i>NUCOR Steel Corp. 4537 South NUCOR RD Crawfordsville, IN</i> REPORT NUMBER(S) <i>08-01</i>	2. NRC/REGIONAL OFFICE U.S. Nuclear Regulatory Commission Region III 2443 Warrenville Road Suite 210 Lisle, Illinois 60532-4351
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3. DOCKET NUMBER(S) <i>030-30835</i>	4. LICENSEE NUMBER(S) <i>13-25975-01</i>	5. DATE(S) OF INSPECTION <i>5/15/08</i>
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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. 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, NUREG-1600, to exercise discretion, were satisfied.

Non-Cited Violation(s) was/were discussed involving the following requirement(s) and Corrective Action(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. This form is a NOTICE OF VIOLATION, which may be subject to posting in accordance with 10 CFR 19.11.
(Violations and Corrective Actions)



Licensee's Statement of Corrective Actions for Item 4, above.

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
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LICENSEE'S REPRESENTATIVE

NRC INSPECTOR	<i>Ken Lambert</i>	<i>Ken Lambert</i>	<i>5/15/08</i>
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AND COMPLIANCE INSPECTION

1. LICENSEE Nucor Steel Corporation REPORT NUMBER(S) 08-01		2. NRC/REGIONAL OFFICE Region III 2443 Warrenville Road, Suite 210 Lisle, IL 60532	
3. DOCKET NUMBER(S) 030-30835	4. LICENSE NUMBER(S) 13-25975-01	5. DATE(S) OF INSPECTION May 15, 2008	
6. INSPECTION PROCEDURES USED 87124	7. INSPECTION FOCUS AREAS 03.01 – 03.07		

SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM CODE(S) 03120	2. PRIORITY 5	3. LICENSEE CONTACT Dave Sulc, RSO	4. TELEPHONE NUMBER 765/361-2659
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<input checked="" type="checkbox"/>	Main Office Inspection	Next Inspection Date: May 2013
<input type="checkbox"/>	Field Office	
<input type="checkbox"/>	Temporary Job Site Inspection	

PROGRAM SCOPE

This is a large steel facility that mainly produces rolled sheet steel. The licensee is authorized to possess Co-60 in fixed gauges for level measurement and Am-141 in fixed gauges for thickness measurement of steel. Currently the licensee possesses three Co-60 sources and 6 AM-241 sources.

Performance Observations

The inspector discussed the licensee's program with the radiation safety officer/environmental engineer and an electrician supervisor (previous RSO). These individuals were familiar with the requirements of the license. The inspector toured the licensee's facility to verify the locations of the Co-60 and Am-241 sources. The inspector noted that while all labels on the devices were legible some of the labels were deteriorating or partially covered by dirt or grease. Licensee staff indicated that they would review the condition of labels and replace those that had deteriorated. Operators were aware that the devices contained radioactive materials. Shutters were closed on all devices containing radioactive material where the paper production lines were shut down.

The licensee retains a consultant to perform shutter checks, leak tests and inventory of devices. A review of records indicated the shutter checks, leak tests and inventories were performed at the required frequencies (every 6 months). Individuals working in the vicinity of the gauges received initial and annual radiation safety training.

No violations of NRC requirements were identified.