

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED: US Steel Corporation No. 1 Quality Drive Ecorse, MI 48229 REPORT NUMBER(S) 2007/001	2. NRC/REGIONAL OFFICE REGION III US NUCLEAR REGULATORY COMMISSION 801 WARRENVILLE ROAD Lisle IL 60532-4351	
3. DOCKET NUMBER(S) 030-04891	4. LICENSE NUMBER(S) 21-10459-01	5. DATE(S) OF INSPECTION 12 SB 2/15/2007

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.

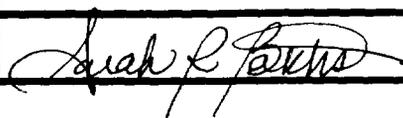
_____ non-cited violation(s) were discussed involving the following requirement(s):

- 4. During this inspection, certain of your activities, as described below and/or attached, were in violation of NRC requirements and are being cited. 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			
NRC INSPECTOR	Sarah R. Bakhsh		12 SB 02/15/2007 

Docket File Information
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3. DOCKET NUMBER(S) 030-04891		4. LICENSE NUMBER(S) 21-10459-01	5. DATE(S) OF INSPECTION 2/15/2007
6. INSPECTION PROCEDURES USED IP 87124		7. INSPECTION FOCUS AREAS 03.01-03.07	

SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM CODE(S) 03120	2. PRIORITY 5	3. LICENSEE CONTACT Richard Lowe, RSO	4. TELEPHONE NUMBER 313-749-2606
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Main Office Inspection Next Inspection Date: 2/2012

Field Office Inspection _____

Temporary Job Site Inspection _____

PROGRAM SCOPE

The licensee was a large steel manufacturing plant located in Ecorse, Michigan. The licensee possessed 17 operating fixed gauges located in various areas throughout the plant. Fifteen gauges each contained one source and two of the gauges each contained two sources. Some of the gauges contained americium-241/beryllium sources while others had cesium-137 sources. The majority of the gauges were used to measure the thickness, density, and moisture of the steel that the company manufactured. The licensee had one americium-241 source in storage at the time of the inspection. Approximately 87 individuals were authorized users of the gauges.

PERFORMANCE OBSERVATIONS

The inspector reviewed records including training certificates, leak test results, shutter checks, physical inventories, list of authorized users, and radiation exposure dosimetry records.

The inspector toured the plant and performed radiation surveys around select devices and the immediate working areas, verified the security of the storage shed where a gauge was temporarily stored, and interviewed select licensee personnel. In addition, the inspector observed adequate security of the licensed material, adequate posting of areas, event response scenarios.

No violations of NRC requirements were identified.