

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

<p>1. LICENSEE/LOCATION INSPECTED:</p> <p>Harrison Steel Castings Company 900 Mound Street Attica, IN 47918</p> <p>REPORT NUMBER(S) 2018001</p>	<p>2. NRC/REGIONAL OFFICE</p> <p>Region III U. S. Nuclear Regulatory Commission 2443 Warrenville Road, Suite 210 Lisle, IL 60532-4352</p>	
<p>3. DOCKET NUMBER(S)</p> <p>030-04335</p>	<p>4. LICENSE NUMBER(S)</p> <p>13-02141-01</p>	<p>5. DATE(S) OF INSPECTION</p> <p style="text-align: right; font-size: 1.2em;">MAY 24TH 2018</p>

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:


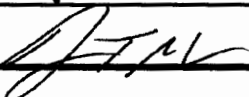
- 1. Based on the inspection findings, no violations were identified.
- 2. Previous violation(s) closed.
- 3. The violation(s), specifically described to you by the inspector as non-cited violations, are not being cited because they were self-identified, non-repetitive, and corrective action was or is 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		5/24/18
BRANCH CHIEF	Aaron McCraw		06/01/2018

Docket File Information

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3. DOCKET NUMBER(S) 030-04335	4. LICENSE NUMBER(S) 13-02141-01	5. DATE(S) OF INSPECTION May 24, 2018
6. INSPECTION PROCEDURES USED 87121	7. INSPECTION FOCUS AREAS All	

SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM CODE(S) 03310	2. PRIORITY 2	3. LICENSEE CONTACT Amanda Dill - RSO	4. TELEPHONE NUMBER (765) 762-9055
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Main Office Inspection Next Inspection Date: 05/24/2020

Field Office Inspection _____

Temporary Job Site Inspection _____

PROGRAM SCOPE

This was an unannounced routine inspection of a steel castings plant authorized to use radioactive material for industrial radiography at a permanent radiographic installation on company premises in Attica, Indiana. At the time of the inspection, the licensee employed two radiographers and one assistant, and conducted non-destructive testing on cast parts (mostly for mining applications) in one of two adjacent vaults on its first shift (6:30 am to 3:00 pm). The licensee's quality systems engineer served as RSO.

PERFORMANCE OBSERVATIONS

The inspector toured the installation in Attica, Indiana, to evaluate the licensee's measures for materials security, hazard communication, and exposure control. The inspector observed the conduct of radiographic operations in both vaults, and conducted independent and confirmatory surveys during these operations. The inspector interviewed both radiographers and observed as they demonstrated the implementation of licensee procedures for equipment and PRI checks, in addition to procedures for emergency response. The inspector examined the radiographers' dosimetry, survey instruments, and radiographic exposure devices, and reviewed with the RSO a selection of records, including sealed source leak tests, refresher training, and quarterly audits of the program, which included radiographer audits, additional equipment checks, and physical inventories.

The inspector also reviewed the circumstances surrounding the licensee's report of a camera locking mechanism failure on November 25, 2013 (EN 49584 / NMED 130573). The inspector interviewed the staff who had been present, and reviewed the licensee's corrective actions. No similar failures had occurred since, and the licensee continued to satisfactorily inspect and maintain both cameras. Therefore, the NMED item is closed.

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