

## SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

## 1. LICENSEE/LOCATION INSPECTED:

Metaltek International  
Carondelet Division  
8600 Commercial Boulevard  
Pevely, MO 63070

REPORT NUMBER(S) 2015-001

## 2. NRC/REGIONAL OFFICE

Region III  
U. S. Nuclear Regulatory Commission  
2443 Warrenville Road, Suite 210  
Lisle, IL 60532-4352

## 3. DOCKET NUMBER(S)

030-31524

## 4. LICENSE NUMBER(S)

24-26136-01

## 5. DATE(S) OF INSPECTION

August 18, 2015

## 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:

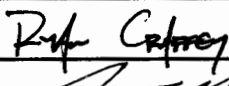

- ☒ 1. Based on the inspection findings, no violations were identified.
- ☐ 2. Previous violation(s) closed.
- ☐ 3. The violation(s), specifically described to you by the inspector as non-cited violations, are not being cited because they were self-identified, non-repetitive, and corrective action was 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		8/24/15
BRANCH CHIEF	Aaron McCraw		8/28/15

**Docket File Information**

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6. INSPECTION PROCEDURES USED

87121

7. INSPECTION FOCUS AREAS

All

**SUPPLEMENTAL INSPECTION INFORMATION**

1. PROGRAM CODE(S)

03310

2. PRIORITY

2

3. LICENSEE CONTACT

Roger Broman - Quality Manager

4. TELEPHONE NUMBER

(636) 475-2141



Main Office Inspection

Next Inspection Date:

08/18/2017



Field Office Inspection



Temporary Job Site Inspection

**PROGRAM SCOPE**

This was an unannounced routine inspection of a stainless steel foundry authorized to use licensed material for industrial radiography in and around two permanent radiographic installations (PRIs) at its facility in Pevely, Missouri. At the time of the inspection, the licensee performed radiographic operations on its first shift (6:00 am to 2:00 pm) and third shift (10:00 pm - 6:00 am). The licensee primarily conducted these operations within its PRIs, unless the cast parts were too large to fit in either installation, in which case, the licensee roped off an area between the installations to perform the operations as a temporary job site. Several of the licensee's radiographers and members of quality management shared responsibility for oversight of the radiation safety program; the licensee's RSO, a radiographer, was working third shift at the time of the inspection.

**PERFORMANCE OBSERVATIONS**

The inspector toured the foundry in Pevely to evaluate the licensee's measures for hazard communication and exposure control. Independent and confirmatory surveys of this facility with radiographic operations in progress found no exposures to members of the public in excess of regulatory limits. The inspector observed the conduct of these operations in both installations and interviewed the radiographers to discuss installation use, temporary job site setup, receipt of radioactive material and emergency response. Through these observations and discussions, the inspectors found the radiographers to be knowledgeable of radiation protection principles and licensee procedures. The inspector also found the radiographers' survey instruments and dosimetry to be properly calibrated and operable.

The inspector reviewed a selection of safety-related records, including quarterly equipment maintenance and radiographer audits, daily inventories, PRI alarm checks, camera leak tests, annual refresher training, and dosimetry, which indicated maximum annual whole-body exposures of 262 millirem in 2014 and 72 millirem in 2015 through April 30.

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