

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED:
OmniSource Corporation
7575 West Jefferson Boulevard
Fort Wayne, IN 46804
REPORT NUMBER(S): 11-01

2. NRC/REGIONAL OFFICE
U.S. Nuclear Regulatory Commission, Region III
2443 Warrenville Road, Suite 210
Lisle, Illinois 60532

3. DOCKET NUMBER(S)
030-37821

4. LICENSEE NUMBER(S)
13-32711-01

5. DATE(S) OF INSPECTION
June 14, 2011

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

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	Andrew M. Bramnik	<i>Andrew M. Bramnik</i>	6/14/2011
Branch Chief	Tamara E. Bloomer	<i>T. Bloomer</i>	6/22/11

Docket File Information
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1. LICENSEE OmniSource Corporation REPORT NUMBER(S) 11-01	2. NRC/REGIONAL OFFICE U.S. Nuclear Regulatory Commission, Region III 2443 Warrenville Road, Suite 210 Lisle, Illinois 60532
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3. DOCKET NUMBER(S) 030-37821	4. LICENSEE NUMBER(S) 13-32711-01	5. DATE(S) OF INSPECTION June 14, 2011
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6. INSPECTION PROCEDURES 87121	7. INSPECTION FOCUS AREAS 03.01 – 03.07
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SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM 3120	2. PRIORITY 5	3. LICENSEE CONTACT Alex Velasquez	4. TELEPHONE NUMBER 260-427-5345
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☒ Main Office Inspection

Next Inspection Date: June 2016

☒ Field Office Inspection

3601 Maumee Avenue, Fort Wayne, IN

☐ Temporary Job Site Inspection

PROGRAM SCOPE

This was an initial inspection of a metal recycling facility that utilized sealed sources of californium-252 in a Thermo Gamma Metrics model CB-OMNI elemental analyzer. The licensee used the sources to analyze the composition of ferrous materials that had been shredded at the licensee's facility. The licensee maintained a contract with the device manufacturer for all cleaning, maintenance, and leak test services. At the time of the inspection, the Radiation Safety Officer (RSO) worked for the licensee's parent company: Steel Dynamics, Inc. (an NRC licensee also located in Fort Wayne, Indiana). The licensee had completed training a Quality Engineer to serve as the RSO for the OmniSource license, and planned to submit a license amendment request to name the new individual as the RSO by July 2011. The new RSO's office will be located at the licensee's Fort Wayne recycling facility.

PERFORMANCE OBSERVATIONS

Interviews of available staff revealed an adequate level of understanding of emergency and material handling procedures and techniques. The inspector physically observed the licensee's elemental analyzer, identified that licensed material was adequately secured, and determined that the area surrounding the device was adequately posted. Records indicated that the device manufacturer performed physical inventories and leak tests of all sealed sources possessed under the OmniSource license every six months.

The licensee possessed a radiation survey meter that was calibrated, operational, and performed well in side-by-side comparison with an NRC instrument. Independent measurements did not indicate readings in excess of Title 10 of the Code of Federal Regulations (10 CFR) Part 20 limits in unrestricted areas. The licensee maintained documentation stating that unmonitored individuals were not likely to receive, in one year, a radiation dose in excess of ten percent of the allowable limits in 10 CFR Part 20. Maintenance crews, shredder operators, and Quality Management staff all received specific training from the manufacturer, in addition to annual refresher training, as required by the license application.

The licensee planned to install a second elemental analyzer at their approved location in Indianapolis, Indiana, in July 2011. The inspector did not visit this facility because no licensed materials were at this location during the inspection. Therefore, the next inspection should include a visit this facility.

No violations were identified during this inspection.