

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED SDI LaFarga, LLC 1640 Ryan Road New Haven, IN 46774 REPORT NUMBER(S) 2018001		2. NRC/REGIONAL OFFICE Region III U. S. Nuclear Regulatory Commission 2443 Warrenville Road, Suite 210 Lisle, IL 60532-4352	
3. DOCKET NUMBER(S) 030-39064	4. LICENSE NUMBER(S) 13-35440-01	5. DATE(S) OF INSPECTION July 11, 2018	

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	<i>R. Craffey</i>	7/11/18
BRANCH CHIEF	Aaron McCraw	<i>ajw - for AIM</i>	8/2/18

Docket File Information

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6. INSPECTION PROCEDURES USED 87124	7. INSPECTION FOCUS AREAS All
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SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM CODE(S) 03120	2. PRIORITY 5	3. LICENSEE CONTACT Dwane Spurgeon - RSO	4. TELEPHONE NUMBER (260) 439-8125
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Main Office Inspection Next Inspection Date: 07/11/2023

Field Office Inspection

Temporary Job Site Inspection

PROGRAM SCOPE

This was an announced initial inspection of a copper recycling and processing facility in New Haven, Indiana, authorized by an NRC Materials License issued on November 6, 2017 to use californium-252 in a Thermo Gamma Metrics CB OMNI materials analyzer. Acquired (without sources) in June 2017 from a sister facility in Fort Wayne and commissioned by the manufacturer on November 20, 2017, the licensee used this device to analyze batches of incoming low-grade scrap for impurities. Six individuals on-site were involved in its use and maintenance, however, the RSO for this license was based remotely in Fort Wayne. The plant retained the services of the device manufacturer to perform routine maintenance, leak testing, and source exchanges.

PERFORMANCE OBSERVATIONS

The inspector toured the plant in New Haven to evaluate the licensee's measures for materials security, hazard communication, and exposure control. The inspector conducted independent and confirmatory surveys in the vicinity of the analyzer and in areas around the solid steel walls the licensee erected to limit access to the device; no readings in unrestricted areas exceeded regulatory limits to members of the public. Moreover, the inspector noted that the facility matched the description provided by the licensee in its application. The inspector interviewed members of plant staff to discuss procedures for safe use of the device, for emergency response, and to discuss oversight of the radiation safety program. The inspector found that the staff were knowledgeable and conscientious of radiation protection principles, ALARA practices, licensee procedures and regulatory requirements.

The inspector also reviewed a selection of records, including the licensee's operating and emergency procedures, documentation of source receipt and installation surveys, leak test results, physical inventories, and an initial audit conducted in January 2018.

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

GW for ATM
8/2/18