

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED: <i>ALUMINUM COMPANY OF AMERICA STATE Rd 66 Newburgh, IN 47630</i>		2. NRC/REGIONAL OFFICE U.S. Nuclear Regulatory Commission Region III 2443 Warrenville Road Suite 210 Lisle, Illinois 60532-4351	
REPORT NUMBER(S) 2010/001			

3. DOCKET NUMBER(S) <i>030-20691</i>	4. LICENSEE NUMBER(S) <i>13-20664-01</i>	5. DATE(S) OF INSPECTION <i>MAY 13, 2010</i>
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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) was/were discussed involving the following requirement(s) and Corrective Action(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)

Licensee's Statement of Corrective Actions for Item 4, above.

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	Edward Kulzer	<i>E. L. KULZER</i>	<i>5/13/10</i>

ekp

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1. LICENSEE Aluminum Company of America REPORT NUMBER(S) 2010-001		2. NRC/REGIONAL OFFICE Region III 2443 Warrenville Road, Suite 210 Lisle, IL 60532	
3. DOCKET NUMBER(S) 030-20691	4. LICENSE NUMBER(S) 13-20664-01	5. DATE(S) OF INSPECTION May 13, 2010	
6. INSPECTION PROCEDURES USED 87124	7. INSPECTION FOCUS AREAS 03.01-03.07		

SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM CODE(S) 3120	2. PRIORITY 5	3. LICENSEE CONTACT Michael Brown	4. TELEPHONE NUMBER (812)853-4851
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Main Office Inspection Next Inspection Date: May 2015

Field Office _____

Temporary Job Site Inspection _____

PROGRAM SCOPE

The licensee has a facility that employs over 2,000 individuals. The licensee possessed a variety of fixed density and level gauges (96) used in the smelting, recycling, and production of aluminum rolls and coal analysis as well as power production for the facility. The licensee has the following gauges: Accuracy Model U-8; Kay ray Models 7062P, 7062BP, 7080; and Gamma Met Model 200BMA. These gauges are in continuous use. The manufacturer relocates, removed, or performed maintenance or service on these gauges.

Performance Observations

The inspectors toured the facility and observed approximately 40 gauges in conjunction with the licensee's current inventory. The licensee demonstrated lock-out/tag-out procedures when working near these gauges. The inspector interviewed an operator who knew that under no circumstances would maintenance work be performed near a gauge without notifying the RSO. The inspector performed independent and confirmatory radiation measurements which indicated radiation levels consistent with the licensee's survey meter and postings. Interviews with licensee personnel indicated a sufficient level of knowledge of radiation safety.