

**SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION**

1. LICENSEE/LOCATION INSPECTED: <b>Associated Electric Cooperative, Inc. P. O. Box 156 New Madrid, MO 63869</b>		2. NRC/REGIONAL OFFICE <b>U.S. Nuclear Regulatory Commission Region III 2443 Warrenville Road Suite 210 Lisle, Illinois 60532-4351</b>	
REPORT NUMBER(S) <b>2010-01</b>			
3. DOCKET NUMBER(S) <b>030-38014</b>	4. LICENSEE NUMBER(S) <b>24-32742-01</b>	5. DATE(S) OF INSPECTION <b>March 30, 2010</b>	

**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:

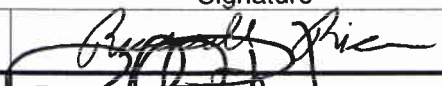

- 1. Based on the inspection findings, no violations were identified.
- 2. Previous violation(s) closed.
- 3. The violation(s), specifically described to you by the inspector as non-cited violations, are not being cited because they were self-identified, non-repetitive, and corrective action was or is 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	Russell Rice		3/30/2010
NRC INSPECTOR	Robert P. Hays		3/30/2010

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REPORT NUMBER(S) <b>2010-01</b>			
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6. INSPECTION PROCEDURES USED <b>87124 (11/25/03)</b>	7. INSPECTION FOCUS AREAS <b>03.01-03.07</b>		

**SUPPLEMENTAL INSPECTION INFORMATION**

1. PROGRAM CODE(S) <b>03121</b>	2. PRIORITY <b>5</b>	3. LICENSEE CONTACT <b>Rusty Rice, RSO</b>	4. TELEPHONE NUMBER <b>573/643-2211</b>
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Main Office Inspection      Next Inspection Date: **March 2015**

Field Office

Temporary Job Site Inspection

**PROGRAM SCOPE**

The licensee is a coal-fired electricity generating plant authorized by the license to possess and use sealed sources for level or density measurements in gauges as authorized by the license. The licensee currently possesses the total number of gauges as indicated in the license file and all are in place of use. No generally-licensed material is at the plant. Currently only the RSO is the only employee involved with licensed activities at the plant. All other requirements such as shutter testing, leak testing and inventory of the gauges are performed by an outside contractor, including an annual audit of the program. Leak testing of the devices is required every three years, however, the licensee has been doing leak tests every six-months. Any other required maintenance or service is conducted by the manufacturer. The inspector performed independent radiation measurements which indicated no dose concerns and consistent with licensee survey records and postings.

Performance Observations

During the inspection, the licensee's RSO demonstrated/discussed: (1) survey meter use and calibration; (2) tag out procedures; (3) signage (4) security of licensed material; (5) gauge maintenance; (6) 6 month inventories (October and April) and shutter tests as required. (7) Non-routine maintenance procedures; and (8) leak tests. Surveys at the surface of randomly selected accessible gauges indicated less than 2 mrem/hr.

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