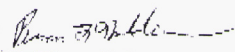




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PAGE 02/02

NRC FORM 591M PART 1 (06-2010) 10 CFR 2.201		U.S. NUCLEAR REGULATORY COMMISSION	
<b>SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION</b>			
1. LICENSEE/LOCATION INSPECTED: Union Electric Company, d/b/a AmerenUE Rush Island Plant 100 Big Hollow Road Festus, Missouri 63028 REPORT NUMBER(S): 2010-001		2. NRC/REGIONAL OFFICE U.S. Nuclear Regulatory Commission, Region III 2443 Warrenton Road, Suite 210 Lisle, Illinois 60532	
3. DOCKET NUMBER(S) 030-32690	4. LICENSEE NUMBER(S) 24-02020-08	5. DATE(S) OF INSPECTION December 17, 2010	
<b>LICENSEE:</b> <p>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:</p> <div style="margin-left: 20px;"> <input type="checkbox"/> 1. Based on the inspection findings, no violations were identified.  <input type="checkbox"/> 2. Previous violation(s) closed.  <input type="checkbox"/> 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.  <div style="margin-left: 40px;">             _____ Non-cited violation(s) were discussed involving the following requirement(s):           </div> </div> <div style="margin-left: 20px;"> <input checked="" type="checkbox"/> 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.         </div> <p>Title 10 CFR 20.1101(c) requires that the licenses periodically (at least annually) review the radiation protection program content and implementation.</p> <p>Contrary to the above, since 2004, the licensee has failed to review the radiation protection program content and implementation.</p> <p>As corrective action, the licensee will perform an audit of licensed activities no later than January 14, 2011. In addition, the licensee will track the performance of audits using the licensee's commitment tracking system to ensure that audits are performed each year in the future.</p>			
<b>Statement of Corrective Actions</b>			
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	Brian F. Holderness		12/21/2010
NRC INSPECTOR	Geoffrey M. Warren		12/21/10
Branch Chief	Tamara E. Bloomer		12/21/10

*Docket File Information*  
**SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION**

1. LICENSEE

Union Electric Company d/b/a AmerenUE  
St. Louis, MO

2. NRC/REGIONAL OFFICE

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

REPORT NUMBER(S) 10-01

3. DOCKET NUMBER(S)

030-32690

4. LICENSEE NUMBER(S)

24-02020-08

5. DATE(S) OF INSPECTION

December 17, 2010

6. INSPECTION PROCEDURES

87124

7. INSPECTION FOCUS AREAS

03.01 – 03.07

**SUPPLEMENTAL INSPECTION INFORMATION**

1. PROGRAM

03120

2. PRIORITY

5

3. LICENSEE CONTACT

Brian F. Holderness, RSO

4. TELEPHONE NUMBER

314-554-3065

☐ Main Office Inspection

Next Inspection Date:

☒ Field Office Inspection

Rush Island Plant, 100 Big Hollow Road, Festus, MO

☐ Temporary Job Site Inspection

**PROGRAM SCOPE**

The licensee operated fixed gauges at two coal-fired power plants in the St. Louis area under this license. At the Rush Island Plant, the licensee employed 180 personnel, 6-10 of whom worked around the gauges. The licensee possessed 42 specifically-licensed sources used to identify plugged chutes at the plant. Gauges were leak tested and inventoried and shutter checks were performed at six-month intervals. All maintenance, installation, relocation, and removal activities for gauges, including inventories and leak tests, were performed by a consultant who was licensed to perform such activities. The corporate RSO possessed two calibrated survey instruments for use in an emergency.

**Performance Observations**

The inspector toured the plant facility and observed approximately 14 gauges in conjunction with the licensee's current inventory. Licensee personnel described lockout and shutter check procedures. Interviews with licensee personnel indicated adequate knowledge of radiation safety concepts and procedures. The inspector performed independent and confirmatory radiation measurements which indicated results consistent with the licensee's survey records and postings.

The Rush Island Plant site contact was Nick Vonfeldt, Engineer. His telephone number was 314-992-9240

One violation was identified concerning the licensee's failure to perform program audits.

