



**UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
REGION IV  
611 RYAN PLAZA, SUITE 400  
ARLINGTON, TEXAS 76011-4005**

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SAFEGUARDS INFORMATION**

March 20, 2003

Garry L. Randolph, Senior Vice  
President and Chief Nuclear Officer  
Union Electric Company  
P.O. Box 620  
Fulton, Missouri 65251

**SUBJECT: CALLAWAY PLANT NRC SAFEGUARDS INSPECTION OF COMPLIANCE WITH  
ORDER INSPECTION REPORT 50-483/03-02**

Dear Mr. Anderson:

On February 14, 2003, the NRC completed an inspection at your Callaway Plant. The enclosed report documents the inspection findings which were discussed on February 14, 2003, with Mr. W. Witt and other members of your staff. Additionally, on March 6, 2003, the inspectors conducted a final exit meeting with Mr. J. Laux, Manager, Operations Support, and other members of your staff.

This inspection examined activities conducted under your license as they relate to safety and compliance with an Order issued on February 25, 2002, which required your site to implement specific measures related to security of your facility. The inspection utilized Temporary Instruction 2515/148, "Inspection of Nuclear Reactor Safeguards Interim Compensatory Measures," to verify implementation of the Order as clarified in your responses dated March 18 and May 13, 2002. Within these areas, the inspection consisted of selected examination of procedures and representative records, observations of activities, and interviews with personnel.

The material enclosed herewith contains Safeguards Information as defined by 10 CFR 73.21 and its disclosure to unauthorized individuals is prohibited by Section 147 of the Atomic Energy Act of 1954, as amended. Therefore, the material will not be placed in the Public Document Room.

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In accordance with 10 CFR 2.790 of the NRC's "Rules of Practice," a copy of this letter, its enclosure, and your response will be made available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records (PARS) component of NRC's document system (ADAMS). ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

Should you have any questions concerning this inspection, we will be pleased to discuss them with you.

Sincerely,

//RA//

Troy W. Pruett, Chief  
Plant Support Branch  
Division of Reactor Safety

Dockets: 50-483  
License: NPF-30

Enclosure  
NRC Inspection Report  
50-483/03-02

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Senior Resident Inspector (Peck)

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RITS Coordinator (**NBH**)  
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**ENCLOSURE**

U.S. NUCLEAR REGULATORY COMMISSION  
REGION IV

Dockets: 50-483  
Licenses: NPF-30  
Report Nos.: 50-483/03-02  
Licensee: Union Electric Company  
Facility: Callaway Plant  
Location: Junction Highway CC and Highway O  
Fulton, Missouri  
Dates: February 10-14, 2003  
Inspectors: L. E. Ellershaw, Senior Reactor Inspector  
Paul J. Elkmann, Emergency Preparedness Inspector  
Thomas L. Klug, Physical Security Inspector  
Approved By: Troy W. Pruett, Chief, Plant Support Branch  
Attachment: Supplemental Information

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# **SAFEGUARDS INFORMATION**

**SUMMARY OF FINDINGS  
Callaway Plant  
NRC Inspection Report 50-483/03-02**

IR 05000483-03-02, Union Electric Company; 02/10-14/03; Callaway Plant; TI 2515/148, Verification of Compliance With Interim Compensatory Measures Order.

The inspection was conducted by one senior reactor inspector, one emergency preparedness inspector, and one physical security inspector.

## **Cornerstone: Physical Security**

- On February 25, 2002, the NRC imposed by Order, Interim Compensatory Measures to enhance physical security. The inspectors determined that, overall, the licensee appropriately incorporated the Interim Compensatory Measures into the site protective strategy and access authorization program; developed and implemented relevant procedures; ensured that the emergency plan could be implemented; and established and effectively coordinated interface agreements with offsite organizations.
- The inspectors identified an unresolved item related to the analysis developed to determine the survivability of armed responders from a bomb blast required by Item B.2.a.(1) of the Order. This item remains open pending review by the Office of Nuclear Security and Incident Response (Section III.A).
- The inspectors identified an unresolved item related to the duties of the officer at the vehicle checkpoint required by Item B.2.a.(2) of the Order. This item remains open pending review by the Office of Nuclear Security and Incident Response (Section III.B).
- The inspectors identified an unresolved item related to the evaluation of computer backup systems required by Item B.5.f of the Order. This item remains open pending review by the Office of Nuclear Security and Incident Response (Section VI.F).
- The inspectors identified an unresolved item related to implementing physical and login controls on laptop computers required by Item B.5.f of the Order. This item remains open pending review by the Office of Nuclear Security and Incident Response (Section VI.F).

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