

SAFEGUARDS INFORMATION

April 26, 2004

U.S. Nuclear Regulatory Commission
Attn: Document Control Desk
11555 Rockville Pike
Rockville, MD 20852

ULNRC-4989

Ladies and Gentlemen:

**DOCKET NUMBER 50-483
CALLAWAY PLANT UNIT 1
UNION ELECTRIC CO.
FACILITY OPERATING LICENSE NPF-30
SUPPLEMENTAL RESPONSE TO THE APRIL 29, 2003,
ORDERS TO CALLAWAY**

Reference 1: ULNRC-04857 dated June 2, 2003

The NRC issued an Order dated April 29, 2003, Requiring Compliance with Revised Design Basis Threat ("Order EA-03-086" or "Order") and other security related Orders (collectively "Orders") for the Callaway Plant. This Supplemental Response of Union Electric Company (AmerenUE or UE) to Order EA-03-086 supplements the previous response dated June 2, 2003 Reference 1 that AmerenUE filed pursuant to 10 CFR § 50.4 and Section III, Conditions A.1, B.1 and B.2.

Order EA-03-086 imposes license conditions on nuclear power plants licensed pursuant to the Atomic Energy Act of 1954 and Title 10 of the Code of Federal Regulations. Section III.A of the Order requires licensees to revise their physical security plans and safeguards contingency plans to provide protection against the revised design basis threat (DBT) set forth in Attachment 2 to the Order. Section III.A also requires licensees to revise the security force training and qualification plan to implement the revised DBT. These revised plans, along with an implementation schedule, were required to be submitted to the Commission for review and approval no later than April 29, 2004.

In accordance with the Order and 10 CFR § 50.4, AmerenUE is submitting this Supplemental Response for the above-mentioned licensed facility. This submittal includes, as Attachment A, revisions to the Callaway Plant Physical Security Plan, the Contingency Plan, and the Training and Qualification Plan as required by Order EA-03-086. These plans contain the integrated commitments to comply with Order EA-03-086 and the other security related Orders issued

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on February 25, 2002, January 7, 2003, and April 29, 2003. As a result, these plans supersede previous submittals of AmerenUE in these areas, including those related to the February 25, 2002, January 7, 2003, and April 29, 2003, Orders. AmerenUE will continue to implement the provisions of those previous submittals except to the extent that they are superseded by these plans. All changes that have been or will be made have been evaluated to ensure that they do not compromise plant safety.

AmerenUE has developed these plans to be consistent with NEI-03-01 (Revision 1), *Nuclear Power Plant Access Authorization Program* (April 2004); NEI-03-09 (Revision 2), *Security Officer Training Program* (April 2004); and NEI-03-12 (Revision 2 [draft]), *Template for the Security Plan, Training and Qualification Plan, and Safeguards Contingency Plan*. The schedule for completing those actions, which includes the identification of major transitional activities, is provided in Attachment B to this submittal. To facilitate the NRC's review, any provisions that are different from NEI-03-12 are identified and the justification provided in Attachment C, *Deviations from NEI-03-12*, to this submittal. Attachment D, *Previous Exemptions to 10 CFR Part 73* is not applicable since no exemptions were previously requested or approved. Attachment E, *Justification for Alternatives*, includes the justification for any of the alternatives provided in NEI-03-12 or in "NRC Guidance on Implementation of the April 2003 Revised Design Basis Threat" that AmerenUE has adopted. AmerenUE will not submit Attachment F, *Vehicle Searches* will exceed the options allowed in Section 9.4.1.2 of NEI-03-12.

When the final revision of NEI-03-12 is approved by the NRC, AmerenUE will supplement this response, if necessary, to conform with NEI-03-12 as finally approved. However, with the filing of these plans, AmerenUE will be implementing its revised protection strategy and completing plant modifications and security personnel training pursuant to these plans to ensure that implementation will be completed by October 29, 2004, as required by the Orders. Upon completion of the implementation of these plans, AmerenUE will be in compliance with all applicable security requirements. For the purpose of complying with the requirements of 10 CFR Part 73 to conduct an annual audit, the date of the letter that will be submitted to the NRC pursuant to Order EA-03-086 certifying that implementation of the plans is complete will be the effective date for determining commencement with the annual audit requirement period.

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Because of the requirement for these plans to be fully implemented by October 29, 2004; the need to integrate the requirement of the revised DBT Order with the Orders issued February 25, 2002, January 7, 2003, and April 29, 2003; and the Commission's determination that it would be appropriate to exercise enforcement discretion to accommodate any transitional issues which may arise as licensees, in good faith, take reasonable actions to implement the specific requirements of the Orders, AmerenUE requests that enforcement discretion be exercised during the transition period until full implementation of the plans is accomplished and the physical plant modifications and security force training are complete. At that time, the revised plans will be fully implemented and the exercise of enforcement discretion will no longer be necessary.

No commitments are made in this transmittal beyond those contained in the plans. In accordance with 10 CFR § 2.202(bf) if you have any questions concerning this matter, please contact me at (573) 676 8245 or Mr. David Shafer at (314) 554-3104.

Sincerely,


Garry Randolph

DES/jdg

Safeguards Attachments on CD-ROM:

- A) Callaway Plant Physical Security Plan
Callaway Plant Contingency Plan
Callaway Plant Training and Qualification Plan
- B) Schedule for Completion and Implementation
- C) Deviations from NEI-03-012
- D) Previous Exemptions to 10 CFR Part 73 (None)
- E) Justification for Alternatives
- F) Justification for Vehicle Search Criteria (None)

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In accordance with 10 CFR § 2.202(b)(2), the following affirmation is provided:

STATE OF MISSOURI)
)
CALLAWAY COUNTY) SS

Garry L. Randolph of lawful age, being first duly sworn upon oath says that he is Senior Vice President and Chief Nuclear Officer, for Union Electric Company; that he has read the foregoing document and knows the content thereof; that he has executed the same for and on behalf of said company with full power and authority to do so; and that the facts therein stated are true and correct to the best of his knowledge, information and belief.

By *G. L. Randolph*
G. L. Randolph
Senior Vice President &
Chief Nuclear Officer

SUBSCRIBED and sworn to before me this 26th
day of April, 2004.

TERRA E. COOK
Notary Public • Notary Seal
STATE OF MISSOURI
Callaway County
My Commission Expires May 13, 2008

Terra E. Cook

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cc: U.S. Nuclear Regulatory Commission
Attn: Document Control Desk
11555 Rockville Pike
Rockville, MD 20852

The following are sent without Safeguards CD-ROM attachments:

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Physical Security Inspector
U.S. Nuclear Regulatory Commission
611 Ryan Plaza Drive, Suite 400
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Senior Resident Inspector
Callaway Resident Office
U.S. Nuclear Regulatory Commission
8201 NRC Road
Steedman, MO 65077

Mr. Jack N. Donohew (2 copies)
Licensing Project Manager, Callaway Plant
Office of Nuclear Reactor Regulation
U. S. Nuclear Regulatory Commission
Mail Stop 7E1
Washington, DC 20555-2738

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PO Box 360
Jefferson City, MO 65102-0360

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LIST OF COMMITMENTS

The following table identifies those actions committed to by AmerenUE in this document. Any other statements in this document are provided for information purposes and are not considered commitments. Please direct questions regarding these commitments to:

COMMITMENT	Due Date/Event
No commitments are made in this transmittal beyond those contained in the plans.	

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