

**AmerenUE**  
Callaway Plant

**Ronald D. Affolter**  
Vice President - Nuclear

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June 20, 2002

U.S. Nuclear Regulatory Commission  
ATTN: Document Control Desk  
Mail Station P1-137  
1 White Flint North  
11555 Rockville Pike  
Rockville, MD 20852

ULNRC-04686



Ladies and Gentlemen:

**DOCKET NUMBER 50-483**  
**UNION ELECTRIC COMPANY**  
**CALLAWAY PLANT**  
**FOLLOW-UP TO REQUEST FOR EXTENSION OF TIME**  
**TO SUBMIT AN ANSWER OR REQUEST A HEARING**  
**TO NRC SECURITY ORDER FOR INTERIM**  
**SAFEGUARDS AND SECURITY COMPENSATORY MEASURES**

- Reference: 1) NRC Letter from Samuel J. Collins, Director Office of Nuclear Reactor Regulation to Garry L. Randolph, Senior Vice President-Generation and Chief Nuclear Officer, Callaway Plant dated February 25, 2002, enclosing Order Modifying Licenses (Effective Immediately) (Order)
- 2) 20-Day Response to NRC Order for Interim Safeguards and Security Compensatory Measures, ULNRC-04621 dated March 18, 2002.
  - 3) Request for Extension of Time to Submit an Answer or Request a Hearing, ULNRC-04622 dated March 18, 2002
  - 4) Supplement to 20-Day Response to NRC Security Order, ULNRC-04658 dated May 13, 2002

Via Reference 1, the U.S. Nuclear Regulatory Commission (NRC or Commission) issued an Order to Union Electric Company (AmerenUE or UE) that modifies the current operating license for Callaway Plant. The Order was effective immediately and requires compliance with specific interim safeguards and security compensatory measures as stated in an attachment to the Order.

Reference 2 provided the AmerenUE 20-day response to the Order and was supplemented by Reference 4.

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Reference 3 requested an extension of time to respond to Interim Compensatory Measure B.2.a.(2). The required analysis was completed prior to May 31, 2002 and this letter provides a summary of the results.

If you have any questions concerning this matter, please contact John Blosser at (573) 676-8190 or Dave Shafer at (314) 554-3104.

Sincerely,

A handwritten signature in cursive script that reads "Blosser".

*for* Ronald D. Affolter

DS/mlo

Attachment: Response to Interim Compensatory Measure B.2.a.(2)

cc: Ellis Merchoff, Regional Administrator  
U.S. Nuclear Regulatory Commission  
Region IV  
611 Ryan Plaza Drive  
Suite 400  
Arlington, TX 76011-8064

STATE OF MISSOURI )  
                                  )  
CALLAWAY COUNTY )

SS

John D. Blosser, of lawful age, being first duly sworn upon oath says that he is Manager, Regulatory Affairs, 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 *Blosser*  
John D. Blosser  
Manager, Regulatory Affairs

SUBSCRIBED and sworn to before me this 20<sup>th</sup> day  
of June, 2002.



*Cathy J. Crisp*  
Notary Public  
Notary Seal  
State of Missouri  
Commissioned for Callaway County  
My commission expires 1-29-06

## Attachment 1

### Response to Interim Compensatory Measure B.2.a.(2)

A Callaway Plant evaluation was performed to determine the interim Safe Standoff Distance (SSD) for protection of designated facilities from the vehicle bomb blast, per the criteria of the NRC February 25, 2002 letter, Section B(2)(a)(1). This evaluation utilized the computer program "Facility and Component Explosive Damage Assessment Program (FACEDAP)," Version 1.2 which was provided to all nuclear power plant licensees by the NRC that implemented a Vehicle Barrier System in accordance with 10 CFR 73.1 (a)(1) in 1996. The SSD evaluations not using FACEDAP used "default" or minimum distances based upon Section 2.8 criteria in a draft of "Update of NUREG/CR-6190 to Reflect Interim Compensatory Measures Requirements" by the Corps of Engineers, dated April, 2002.

A temporary vehicle barrier system will be installed which meets or exceeds the interim SSD. Vehicle searches adequate to identify the interim vehicle bomb will be conducted at a remote location that exceeds the SSD. The barrier system will be in place by August 31, 2002.

cc: M. H. Fletcher  
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U.S. Nuclear Regulatory Commission  
Region IV  
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