

August 8, 2007

U.S. Nuclear Regulatory Commission  
Attn: Document Control Desk  
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Washington, DC 20555-0001

Ladies and Gentlemen:

ULNRC-05432



**DOCKET NUMBER 50-483  
CALLAWAY PLANT UNIT 1  
UNION ELECTRIC CO.  
OWNER'S ACTIVITY REPORT  
(FORM OAR-1) FOR REFUEL 15**

Attached for submittal is the Owner's Activity Report (Form OAR-1) for Refuel 15 at Callaway Plant. The report is submitted pursuant to the provisions of ASME Boiler and Pressure Vessel Code Case N-532-1, "Alternative Requirements to Repair and Replacement Documentation Requirements and Inservice Summary Report Preparation and Submission."

In accordance with Code Case N-532-1, attached Form OAR-1 includes an abstract of applicable Code examinations and tests (Table 1), a listing of items with flaws or relevant conditions that required evaluation for continued service (Table 2) - of which there were none for Refuel 15, and an abstract of repairs, replacements, or corrective measures required for continued service (Table 3).

For any questions regarding the attached information, please contact me at 573-676-8129 or Scott A. Maglio at 573-676-8719.

Sincerely,

A handwritten signature in black ink, appearing to read "Luke H. Graessle".

Luke H. Graessle  
Manager - Regulatory Affairs

TBE/slk

Attachment

A047

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**FORM OAR-1**  
**OWNER'S ACTIVITY REPORT**  
**FOR REFUEL 15**

**CALLAWAY PLANT**

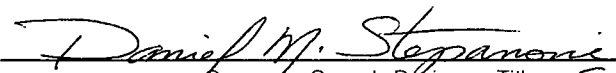
# Callaway Nuclear Plant

## Form OAR-1 Owner's Activity Report

Report Number	15		
Owner	AmerenUE, P.O. Box 149, St. Louis, MO 63166 (Name and Address of Owner)		
Plant	Callaway Plant, P.O. Box 620, Fulton, MO 65251 (Name and Address of Plant)		
Unit No.	1 (if applicable)	Commercial service date	12/19/1984
		Refueling outage no.	15
Current Inspection Interval	3rd (1st, 2nd, 3rd, 4th, other)		
Current Inspection Period	1st (1st, 2nd, 3rd)		
Edition and Addenda of Section XI applicable to the inspection plan	1998 Edition with 2000 Addenda		
Date and Revision of inspection plan	3/22/2007 / Rev. 1		
Edition and Addenda of Section XI applicable to repairs and replacements, if different than the inspection plan			

### CERTIFICATE OF CONFORMANCE

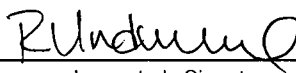
I certify that the statements made in the Owner's Activity Report are correct, and that the examinations, tests, repairs, replacements, evaluations, and corrective measures represented by this report conform to the requirements of Section XI.

Certificate of Authorization No.	N/A (If applicable)	Expiration Date	N/A
Signed	 Owner's or Owner's Designee, Title	Date	8/7/2007
SUPERVISING ENGINEER - TECHNICAL PROGRAMS			

### CERTIFICATE OF INSERVICE INSPECTION

I, the Undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Missouri and employed by HSBCT of Hartford, CT have inspected the items described in this Owner's Report, during the period 11/20/2005 to 5/10/2007 and state that to the best of my knowledge and belief, the Owner has performed all activities represented by this report in accordance with the requirements of Section XI.

By signing this certificate neither the Inspector nor his Employer makes any warranty, expressed or implied, concerning the examinations, tests, repairs, replacements, evaluations and corrective measures described in this report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or loss of any kind arising from the connection with this inspection.

 Inspector's Signature	Commissions	MO 0374 A.N.I.
National Board, State, Province, and Endorsement		
Date	8/07/2007	

# Callaway Nuclear Plant

## Table 1

### Abstract of Examinations and Tests

Interval: 3 Period: 1

Examination Category	Total Examinations Required for The Third Interval	Total Examinations Credited for The First Period	Total Examinations Credited (%) for The First Period	Total Examinations Credited (%) To Date for The Third Interval	Remarks
B-A	24	6	100%	25%	Note 1
B-B	8	0	0%	0%	
B-D	36	6	100%	17%	
B-G-1	219	154	100%	70%	
B-G-2	0	10	100%	0%	
B-K	1	0	0%	0%	
B-L-2	0	0	0%	0%	
B-M-2	7	1	100%	14%	
B-N-1	3	1	100%	33%	
B-N-2	6	0	0%	0%	
B-N-3	1	0	0%	0%	Note 2
B-O	4	0	0%	0%	
C-A	6	0	0%	0%	
C-B	5	0	0%	0%	
C-C	13	2	67%	15%	
C-D	1	0	0%	0%	
C-G	4	1	100%	25%	
D-A	26	5	56%	19%	
F-A	163	42	55%	26%	
R-A	121	18	51%	15%	Note 4

**Notes:**

Note 1: Two examinations counted as complete pending NRC acceptance of Request for Relief I3R-09.

Note 2: There are 15 groupings of components within B-G-2, including B7.20 (one group), B7.30 (two groups), B7.50 (three groups), B7.60 (one group) and B7.70 (seven groups). During RF15 the following examinations were credited: Both B7.30 groups, 1 B7.50 group (2-BB-02-8010A-FI-b), and B7.70-1. Therefore 4/15 or 27% are complete as of RF15 breaker closure.

Note 3: 13 examinations required by ASME Code percentages, 16 examinations scheduled for program plan.

Note 4: Four examinations counted as complete pending NRC acceptance of Request for Relief I3R-08.

# Callaway Nuclear Plant

## Table 2

**Items with flaws or relevant conditions that  
required evaluation for continued service**

Examination Category	Item Number	Item Description	Flaw Characterization (IWA-3300)	Flaw or Relevant Condition Found During Scheduled Section XI Examination or Test (Yes or No)
----	----			No

No indications were detected in Refuel 15 which required evaluation for continued service.

Table 3

## ABSTRACT OF REPAIRS, REPLACEMENTS , OR CORRECTIVE MEASURES

## REQUIRED FOR CONTINUED SERVICE (REFUEL/CYCLE 15)

Code Class	Repair, Replacement, Or Corrective Measure	Item Description	Description Of Work	Flaw or Relevant Condition Found During Scheduled Section XI Examination or Test (Yes/No)	Date Completed	Repair/ Replacement Plan Number
3	Repair/Replacement	Pitting Corrosion in ESW Piping	Like-kind Piping Replacement	No	1/31/2006 4/27/2007 4/27/2007 4/14/2007 5/1/2007 4/15/2007 4/27/2007 4/27/2007 4/26/2007 5/4/2007 4/27/2007 4/27/2007	06113235 06116876 06116877 06116879 07002379 07002401 07002410 07002411 07002465 07003342 07003482 07003483
3	Repair	Pitting Corrosion in ESW Piping	Internal Welded Repair	No	5/2/2007 5/2/2007 4/15/2007 4/25/2007	06122059 06122060 07002615 07003469
3	Repair	Pitting Corrosion in ESW Piping	Code Case N-661 Weld Overlay	No	5/9/2007 5/4/2007 5/4/2007 4/30/2007 4/27/2007	07003196 07003342 07003395 07003410 07003521