



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

August 27, 2003

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

**SUBJECT: MIDCYCLE PERFORMANCE REVIEW AND INSPECTION PLAN -
CALLAWAY PLANT**

Dear Mr. Randolph:

On August 6, 2003, the NRC staff completed its midcycle plant performance assessment of Callaway Plant. The midcycle review for Callaway Plant involved the participation of all technical divisions in evaluating performance indicators (PIs) for the most recent quarter and inspection results for the first half of the current assessment cycle, January 1 through December 31, 2003. The purpose of this letter is to inform you of our assessment of your safety performance during this period and our plans for future inspections at your facility so that you will have an opportunity to prepare for these inspections and to inform us of any planned inspections that may conflict with your plant activities.

Plant performance for the most recent quarter was within the Regulatory Response column of the NRC's Action Matrix based on one finding of low to moderate safety significance (White) in the Emergency Preparedness Cornerstone for failure to comply with the requirements of 10 CFR 50.47(b)(5). Consequently, in addition to baseline inspections, Inspection Procedure 95001, "Inspection for One or Two White Inputs in a Strategic Performance Area," will be performed later during this assessment cycle to review your evaluation of root causes, extent of condition, extent of cause, and corrective actions associated with this issue.

In our midcycle assessment letter dated August 27, 2002, we advised you of a substantive crosscutting issue in the area of problem identification and resolution. This issue was updated in our annual assessment letter dated March 4, 2003. NRC recognizes that you have implemented a number of actions intended to improve the processes associated with your corrective action program and that your performance in this area has demonstrated improvement. However, during the past 12 months, two findings were identified in the Mitigating Systems cornerstone where problem identification and/or resolution were inadequate. The findings, both of very low safety significance (Green), included the failure to correct a recurring air voiding condition in the containment spray system and not promptly identifying, correcting, or precluding recurrence of an industry known potential significant condition adverse to quality associated with failures of Magne-Blast 4160 volt circuit breakers. Given the recurring identification of findings associated with problem identification and resolution, we will continue to monitor your performance with regard to this substantive crosscutting issue during implementation of the baseline inspection program and Inspection Procedure 95001.

The enclosed inspection plan details the inspections scheduled through September 30, 2004. The inspection plan is provided to minimize the resource impact on your staff and to allow for scheduling conflicts and personnel availability to be resolved in advance of inspector arrival onsite. Routine resident inspections are not listed due to their ongoing and continuous nature. The inspections in the last 6 months of the inspection plan are tentative and may be revised at the end-of-cycle review meeting.

In accordance with 10 CFR 2.790 of the NRC's "Rules of Practice," a copy of this letter and its enclosure 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).

If circumstances arise which cause us to change the inspection plan, we will contact you to discuss the change as soon as possible. Please contact David N. Graves at 817-860-8141 with any questions you may have regarding this letter or the inspection plan.

Sincerely,

/RA/

Arthur T. Howell III, Director
Division of Reactor Projects

Docket: 50-483
License: NPF-30

Enclosure:
Callaway Plant Inspection/Activity Plan

cc w/enclosure:
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Callaway
Inspection / Activity Plan
08/01/2003 - 09/30/2004

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates Start	End	Inspection Type
	ACCESSPI - ACRSA/PI		1			
1	IP 7112101	Access Control to Radiologically Significant Areas		08/04/2003	08/08/2003	Baseline Inspections
1	IP 71151	Performance Indicator Verification		08/04/2003	08/08/2003	Baseline Inspections
	EMB CIP - EMB CONSOLIDATED IP		2			
1	IP 71111.DS	Safety System Design and Performance Capability		08/18/2003	08/18/2003	Baseline Inspections
	EMB - BIENNIAL MR & PERM MODS		3			
1	IP 7111112B	Maintenance Effectiveness		08/18/2003	08/22/2003	Baseline Inspections
1	IP 7111117B	Permanent Plant Modifications		08/18/2003	08/22/2003	Baseline Inspections
	OB-RQ - REQUAL INSPECTION		3			
1	IP 7111111B	Licensed Operator Requalification		09/08/2003	09/12/2003	Baseline Inspections
	EMB - TRIENNIAL FP		4			
1	IP 7111105T	Fire Protection		09/02/2003	09/05/2003	Baseline Inspections
1	IP 7111105T	Fire Protection		09/22/2003	09/26/2003	Baseline Inspections
1	IP 7111105T	Fire Protection		09/29/2003	10/03/2003	Baseline Inspections
	PSBS1-TD - SECURITY BASELINE INSPECTION		1			
1	IP 7113002	Access Control (Search of Personnel, Packages, and Vehicles: Identification and Authorizat		09/08/2003	09/12/2003	Baseline Inspections
1	IP 7113003	Response to Contingency Events (Protective Strategy and Implementation of Protective Str		09/08/2003	09/12/2003	Baseline Inspections
1	IP 71151	Performance Indicator Verification		09/08/2003	09/12/2003	Baseline Inspections
	ALARA3 - ALARA PLANNING AND CONTROLS		1			
1	IP 7112102	ALARA Planning and Controls		10/20/2003	10/24/2003	Baseline Inspections
	OB-IN - INITIAL EXAM		4			
1	X02258	CALLAWAY - INITIAL EXAM (03/04)		02/09/2004	02/13/2004	Not Applicable
1	X02258	CALLAWAY - INITIAL EXAM (03/04)		03/01/2004	03/05/2004	Not Applicable
	PSB-EP1 - EP PROGRAM INSPECTION		1			
1	IP 7111402	Alert and Notification System Testing		03/08/2004	03/12/2004	Baseline Inspections
1	IP 7111403	Emergency Response Organization Augmentation Testing		03/08/2004	03/12/2004	Baseline Inspections
1	IP 7111404	Emergency Action Level and Emergency Plan Changes		03/08/2004	03/12/2004	Baseline Inspections
1	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies		03/08/2004	03/12/2004	Baseline Inspections
1	IP 71151	Performance Indicator Verification		03/08/2004	03/12/2004	Baseline Inspections
	ACCESSPI - ACRSA/PIV		1			
1	IP 7112101	Access Control to Radiologically Significant Areas		04/12/2004	04/16/2004	Baseline Inspections
	2004021 - INSERVICE INSPECTION		1			
1	IP 7111108P	Inservice Inspection Activities - PWR		04/19/2004	04/23/2004	Baseline Inspections
1	IP 7111108P	Inservice Inspection Activities - PWR		05/03/2004	05/07/2004	Baseline Inspections

This report does not include INPO and OUTAGE activities.
This report shows only on-site and announced inspection procedures.

Callaway
Inspection / Activity Plan
08/01/2003 - 09/30/2004

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates		Inspection Type
				Start	End	
	2004027	- SAFETY SYS. DESIGN AND PERF. CAPABILITY	5			
1	IP 7111121	Safety System Design and Performance Capability		06/14/2004	06/18/2004	Baseline Inspections
1	IP 7111121	Safety System Design and Performance Capability		06/28/2004	07/02/2004	Baseline Inspections
	2004028	- EVAL. OF CHANGES, TESTS, AND EXPERIMENTS	1			
1	IP 7111102	Evaluation of Changes, Tests, or Experiments		06/14/2004	06/18/2004	Baseline Inspections
	ALARA1	- ALARA PLANNING AND CONTROLS	1			
1	IP 7112102	ALARA Planning and Controls		08/30/2004	09/03/2004	Baseline Inspections