

U.S. NUCLEAR REGULATORY COMMISSION  
OFFICE OF INSPECTION AND ENFORCEMENT

REGION III

Report No. 50-483/80-26

Docket No. 50-483

License No. CPPR-139

Licensee: Union Electric Company  
P. O. Box 149  
St. Louis, MO 63166

Facility: Callaway, Unit 1

Inspection At: Callaway Site, Callaway County, MO

Inspection Conducted: October 1-31, 1980

Inspector: *W. Hansen*  
A. Hansen

11-12-80

Approved By: R. C. Knop  
Projects Section 1

11-18-80

Inspection Summary

Inspection on October 1-31, 1980 (Report No. 50-483/80-26)

Areas Inspected: Routine inspection by the IE Regional Resident Inspector (RI) of safety-related construction activities including protection of the reactor vessel and other components of the nuclear steam system supplier; (NSSS), material lay down and storage areas; electrical work; welding and nondestructive testing of reactor coolant system, and safety related system piping. This inspection involved 52 inspector hours by one NRC Inspector.

Results: No items of noncompliance or deviations were identified.

8012240030

## DETAILS

### Persons Contacted

#### Union Electric Company (UE)

- \*W. H. Weber, Manager Nuclear Construction
- F. D. Fields, Quality Assurance Manager
- M. E. Doyne, General Superintendent, Callaway Construction
- \*R. L. Powers, Superintendent of Site Quality Assurance.
- \*J. Laux, Supervisory Engineer Quality Assurance Construction
- \*J. L. Marden, Quality Assurance Consultant

#### Daniel International Corporation (Daniel)

- \*L. R. Smith, Regional Manager
- \*H. J. Starr, Project Manager

The inspector also contacted and interviewed other licensee and contractor personnel, including craftsmen, QA/AC, technical and engineering staff members.

\*Enotes those attending at least one of the exit meetings.

### Functional or Program Areas Inspected

#### 1. Plant Tours

One or more plant areas were toured several times during the reporting period to observe general construction practices; area cleanliness and storage condition of equipment, piping, and electrical cable.

Two tours were made on back shifts of work.

2. Fabrication of Reactor Coolant Pressure Boundary and Safety Related Piping Systems

a. During the reporting period, the inspector observed work including handling, protection, inspection of reactor coolant pressure boundary and safety related piping systems.

- (1) The welding of High Pressure Coolant Injection System: weld 2EM-05-F007 was observed. The weld area was free of any grease or particles and the welder was certified as qualified for the procedure specified to be used for welding the pipe joint.

No items of noncompliance or deviations were identified.

3. Nuclear Steam System Supplier (NSSS) Equipment

a. The inspector observed the in-place storage and protection of NSSS components and piping. The piping assemblies, reactor vessel internals, and reactor vessel head was properly stored and protected.

No items of noncompliance or deviations were identified.

4. Piping System Nondestructive Testing

a. During the reporting period the inspector observed non-destructive testing (Liquid Penetrant) of welds in instrument piping Reactor Coolant System loop 2.

- (1) The welds were BB-13FW-166, 178 and 170.

- (a) The surface of each weld was satisfactory for the performance of liquid penetrant examination.
- (b) The technique was satisfactory and was performed by a qualified inspector.

No items of noncompliance or deviations were identified.

5. Electrical Cable Installation

a. During the reporting period, the inspector observed work including installation, handling, and protection of electrical cables. Specifically, work associated with these electrical cable pulls was observed:

(1) Cable Pull 0263

Cables 4EGG06AC  
4EGG10AC

(2) Cable Pull 0996

Cables 1EJG04AE  
1GGRO2AA

(3) Cable Pull 0248

Cables 4BMY02AB  
4BMY02BB

(4) Cable Pull 2095

Cable 1BBK06AA

(5) Cable Pull 0899

Cables 4NBB15AA  
4NBB14AA

(6) Cable Pull 0236

Cable 4SAC10AA

b. For each of the pulls some or all of the following activities were observed: (1) Pull cards were in use, (2) the cables were identified, (3) Quality Control inspections were performed and Quality Control personnel witnessed the pull.

c. On one occasion water was dripping from the floor at the 2032 level onto the top of electrical panels located at the 2016 level. Immediate action was taken by the Licensee to stop and clean up the water. A nonconformance report was written to identify the panel that water was in contact with so that a thorough inspection could be performed of the panel internals.

No items of noncompliance or deviations were identified.

Exit Meetings

The resident inspector attended an exit meeting on October 3, 1980 conducted by Region III Inspectors J. Niesler and H. Wescott. The resident inspector attended Case Load Forecast Panel Meetings conducted by R. M. Stark and W. H. Lovelace of the Nuclear Regulatory Commission on October 9 & 10, 1980.

The inspector met with licensee representatives (denoted under Persons Contacted) on October 10, 1980 and November 3, 1980. The inspector summarized the scope and findings of the inspections performed. The licensee representatives acknowledged the findings reported in previous paragraphs.

Attachment: Preliminary  
Inspection Findings

PRELIMINARY INSPECTION FINDINGS

## 1. LICENSEE

Union Electric Company  
 1411 Gratiot Street  
 St. Louis, Missouri

## 2. REGIONAL OFFICE

Nuclear Regulatory Commission, Region III  
 Office of Inspection and Enforcement  
 799 Roosevelt Road  
 Glen Ellyn, Illinois 60137

## 3. DOCKET NUMBERS

80-483

## 4. LICENSE NUMBERS

CPPR-139

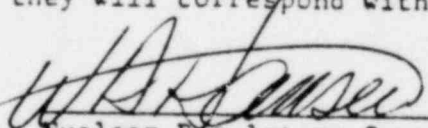
## 5. DATE OF INSPECTION

10-10-80 to 10-31-80

6. Within the scope of the inspection, no items of noncompliance or deviation were found.

7. The following matters are preliminary inspection findings:

8. These preliminary inspection findings will be reviewed by NRC Supervision/Management at the Region III Office and they will correspond with you concerning any enforcement action.

  
 Nuclear Regulatory Commission Inspector

PRELIMINARY INSPECTION FINDINGS

## 1. LICENSEE

West Electric Company  
1801 Craftist Street  
St. Louis, Missouri

## 2. REGIONAL OFFICE

Nuclear Regulatory Commission, Region III  
Office of Inspection and Enforcement  
799 Roosevelt Road  
Glen Ellyn, Illinois 60137

## 3. DOCKET NUMBERS

80-445

## 4. LICENSE NUMBERS

CPPR-139


## 5. DATE OF INSPECTION

10-1 to 10-10-80

6. Within the scope of the inspection, no items of noncompliance or deviation were found.

7. The following matters are preliminary inspection findings:

8. These preliminary inspection findings will be reviewed by NRC Supervision/Management at the Region III Office and they will correspond with you concerning any enforcement action.

  
Nuclear Regulatory Commission Inspector

RIII REPORT/LETTER TRAVELER

Licensee & Location: St Louis  
Facility(s): Callaway Rpt. No(s): 80-26  
License No(s): CPPR-1139 Docket No(s): 50-483  
Date(s) of Inspection: 10-1 thru 10-31  
Current Category: \_\_\_\_\_ \*Priority: \_\_\_\_\_ \*Change to Category: \_\_\_\_\_ \*Priority: \_\_\_\_\_  
Next Scheduled Inspection Date: 11-3-80

LETTER AND REPORT

	<u>Date Accomplished</u>	<u>By</u>
Submitted for Drafting.....	<u>11-10-80</u>	<u>IT</u>
Drafting Completed.....	<u>11-12-80</u>	↓
Submitted for Review.....	<u>11-12-80</u>	
Reviewed.....	<u>11-12-80</u>	
Submitted for Final Typing.....	<u>11-12-80</u>	
Final Typing Completed.....	<u>11-12-80</u>	
Dispatched to Licensee.....	_____	_____
Dispatched to HQ.....	_____	_____
Reply Due: _____ Received: _____	_____	_____
Reply: Adequate or Inadequate (Circle One)		
Inspector: _____ (initials) _____ (Date)		
Senior Staff: _____ (initials) _____ (Date)		
Acknowledgement Letter Dispatched.....	_____	_____
Inspection Package to Local PDR, etc. ....	_____	_____
DATE DUE FOR FINAL TYPING: _____		
REASON FOR NOT MEETING DUE DATE: _____		