

DEC 21 1990

Docket No. 50-483

Union Electric Company
ATTN: Mr. D. F. Schnell
Senior Vice President - Nuclear
Post Office Box 149 Mail Code 400
St. Louis, MO 63166

Gentlemen:

This letter refers to the special maintenance team inspection performed by Mr. J. H. Neisler and others of this office on October 22 through 26, and November 5 through 9, 1990. This inspection examined activities at Callaway Nuclear Power Plant Unit 1 as authorized by NRC Operating License No. NPF-30. The inspection findings were discussed with you and others of your staff on November 20, 1990.

The inspection was conducted to assess and evaluate your support to and implementation of maintenance to assure that plant structures, systems, and components reliably perform on demand. Various activities were evaluated to determine if maintenance was accomplished, effective, and adequately assessed by your own quality verification process.

The enclosed copy of our inspection report identifies specific areas examined during the inspection. Within these areas, the inspection consisted of a selective examination of procedures and representative records, observations and interviews with your personnel. In an attempt to focus on those activities that are most risk significant, insights from the Callaway Nuclear Power Plant Probabilistic Risk Assessment study, performed by the NRC, were used to select systems and components important to safety.

Overall, the inspection team concluded that implementation of the maintenance program at Callaway Nuclear Power Plant was good. Section 4.0 of the inspection report provides a synopsis of the effectiveness of your maintenance programs.

The team identified strengths as well as weaknesses in implementation of the maintenance programs. Some of the most significant strengths were: excellent control of corrective and preventive maintenance backlog; a comprehensive predictive measurement program using state of the art techniques; and an excellent program for trending component failures and repetitive quality control findings.

Significant weaknesses identified were: inadequate control of contractors resulting in the use of an unqualified welder on safety related work, lack of an effective maintenance and surveillance program for emergency lighting and inadequate control of work packages to assure work instructions are used at the work location.

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During this inspection, certain of your activities appeared to be in violation of NRC requirements, as specified in the enclosed Notice. A written response is required. In accordance with 10 CFR 2.790 of the Commission's regulations, a copy of this letter, the enclosures, and your response to this letter will be placed in the NRC Public Document Room. The response directed by this letter and the accompanying Notice are not subject to the clearance procedures of the Office of Management and Budget as required by the Paperwork Reduction Act of 1980, PL 96-511.

We will gladly discuss any questions you have concerning this inspection.

Sincerely,

T. O. Martin, Director
Division of Reactor Safety

Enclosures:

- 1. Notice of Violation
- 2. Inspection Report No.
50-483/90017(DRS)

cc w/enclosure:

- G. L. Randolph, General Manager,
Nuclear Operations
- J. V. Laux, Manager Quality
Assurance
- Tom P. Sharkey, Supervising
Engineer, Site Licensing
DCD/DCB (RIDS)
OC/LFDCB
Resident Inspector, RIII
Region IV
Resident Inspector, Wolf Creek
K. Drey
Chris R. Rogers, P.E.
Utility Division, Missouri
Public Service Commission
CFA, Inc.
Gerald Charnoff, Esq.
Thomas Baxter, Esq.
R. A. Kucera, Deputy Director,
Department of Natural Resources

RIII	RIII	RIII	RIII	RIII	RIII	RIII
<i>Neil Neisler</i>	<i>Harold Burgess</i>	<i>Yes</i> <i>TMH</i>	<i>Rob. Schumacher</i>	<i>Mark Ring</i>	<i>Wright</i>	<i>Martin</i>
Neisler/lc	Burgess	Hague	Schumacher	Ring	Wright	Martin
12/19/90	12/19/90	12/20/90	12/19/90	12/20/90	12/ /90	12/ /90