

March 17, 1995

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Mr. Donald F. Schnell
 Senior Vice President - Nuclear
 Union Electric Company
 Post Office Box 149
 St. Louis, MO 63166

SUBJECT: ENVIRONMENTAL ASSESSMENT RELATED TO A REQUEST FOR EXEMPTION FROM THE REQUIREMENTS OF SECTION III.D.1.(a) OF APPENDIX J TO 10 CFR PART 50 - CALLAWAY PLANT (TAC NO. M91094)

Dear Mr. Schnell:

Enclosed is a copy of an Environmental Assessment and Finding of No Significant Impact related to your application for exemption dated December 9, 1994, as supplemented January 27, 1995. The proposed exemption would defer the next scheduled containment integrated leak rate test for one outage, from Refuel 7 to Refuel 8.

This assessment is being forwarded to the Office of the Federal Register for publication.

Sincerely,

Original signed by L. Raynard Wharton

L. Raynard Wharton, Project Manager
 Project Directorate III-3
 Division of Reactor Projects III/IV
 Office of Nuclear Reactor Regulation

Docket No. 50-483

Enclosure: Federal Register Notice

cc w/encl: see next page

DOCUMENT NAME: G:\CALLWAY\CAL91094.EA

* See previous concurrence

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UNITED STATES NUCLEAR REGULATORY COMMISSION

UNION ELECTRIC COMPANY

DOCKET NO. 50-483

CALLAWAY PLANT

ENVIRONMENTAL ASSESSMENT AND FINDING OF

NO SIGNIFICANT IMPACT

The U. S. Nuclear Regulatory Commission (the Commission) is considering issuance of an exemption from Facility Operating License No. NPF-30, issued to Union Electric Company, (the licensee), for the Callaway Plant, located in Callaway County, Missouri.

ENVIRONMENTAL ASSESSMENT

Identification of Proposed Action

The proposed action would grant an exemption from a requirement of Section III.D.1.(a) of Appendix J to 10 CFR Part 50, which requires a set of three Type A tests (Containment Integrated Leakage Rate Test or CILRT) be performed, at approximately equal intervals during each 10-year service period. This licensee request for an exemption would defer the next scheduled containment integrated leak rate test for one outage, from Refuel 7 to Refuel 8.

The proposed action is in accordance with the licensee's request for exemption dated December 9, 1994, as supplemented by letter dated January 27, 1995.

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The Need for the Proposed Action

The proposed action is needed because the licensee's current schedule would require the third CILRT to be performed during Refuel 7 (March 1995). Minimal safety benefit would be realized by performing the scheduled CILRT, since the majority of primary containment leakage has previously been identified through the biennial performance of the Local Leak Rate Test (LLRT). Without this exemption, the licensee would incur additional personnel radiation exposure during system reconfigurations, and instrumentation setup and restoration.

Environmental Impacts of the Proposed Action

The Commission has completed its evaluation of the proposed action and concludes that the exemption would not significantly increase the probability or amount of expected containment leakage, and that containment integrity would thus be maintained.

The change will not increase the probability or consequences of accidents, no changes are being made in the types of any effluents that may be released offsite, and there is no significant increase in the allowable individual or cumulative occupational radiation exposure. Accordingly, the Commission concludes that there are no significant radiological environmental impacts associated with the proposed action.

With regard to potential nonradiological impacts, the proposed action does involve features located entirely within the restricted area as defined in 10 CFR Part 20. It does not affect nonradiological plant effluents and has

no other environmental impact. Accordingly, the Commission concludes that there are no significant nonradiological environmental impacts associated with the proposed action.

Alternative to the Proposed Action

Since the Commission has concluded there is no measurable environmental impacts associated with the proposed action, any alternatives with equal or greater environmental impact need not be evaluated. As an alternative to the proposed action, the staff considered denial of the proposed action. Denial of the application would result in no change in current environmental impacts. The environmental impacts of the proposed action and the alternative action are similar.

Alternative Use of Resources

This action does not involve the use of any resources not previously considered in the "Final Environmental Statement related to the operation of Callaway Plant, Unit No. 1," dated January 1982.

Agencies and Persons Consulted

In accordance with its stated policy, the staff consulted with the Missouri State official regarding the environmental impact of the proposed action. The State official had no comments.

FINDING OF NO SIGNIFICANT IMPACT

Based upon the environmental assessment, the Commission concludes that the proposed action will not have a significant effect on the quality of the human environment. Accordingly, the Commission has determined not to prepare an environmental impact statement for the proposed action.

For further details with respect to this proposed action, see the licensee's letters dated December 9, 1994, and January 27, 1995, which are available for public inspection at the Commission's Public Document Room, The Gelman Building, 2120 L Street, N.W., Washington D.C. and at the local public document room located at the Callaway County Public Library, 710 Court Street, Fulton, Missouri 65251.

Dated at Rockville, Maryland, this 17th day of March 1995.

FOR THE NUCLEAR REGULATORY COMMISSION



L. Raynard Wharton, Project Manager
Project Directorate III-3
Division of Reactor Projects - III/IV
Office of Nuclear Reactor Regulation