

ENCLOSURE 1

NOTICE OF VIOLATION

Omaha Public Power District
Fort Calhoun Station

Docket No.: 50-285
License No.: DPR-40

During an NRC inspection conducted on April 14-18 and April 28 through May 2, 1997, two violations of NRC requirements were identified. In accordance with the "General Statement of Policy and Procedure for NRC Enforcement Actions," NUREG-1600, the violations are listed below:

- A. 10 CFR Part 50, Appendix B, Criterion III, requires that measures shall be established to assure that applicable regulatory requirements and the design basis for those structures, systems, and components to which this appendix applies are correctly translated into specifications, drawings, procedures, and instructions. The design control measures shall also provide for verifying or checking the adequacy of design, such as, by the performance of design reviews, by the use of alternate or simplified calculational methods, or by the performance of a suitable testing program. Design control measures shall be applied to items, such as, accident and hydraulic analyses.

Contrary to the above, the measures established by the licensee were not adequate, as evidenced by the following examples:

1. From initial licensing through May 1, 1997, the design basis requirements were not correctly incorporated into surveillance test procedure acceptance criteria for the motor-driven auxiliary feedwater pump, the high pressure safety injection pumps, the containment spray pumps, the low pressure safety injection pumps, and the raw water pumps. Specifically, the acceptance criteria that provided the minimum flow for these pumps was slightly less than would have been required to mitigate their design basis accidents.
2. On April 5, 1997, design control measures were not adequately applied to the hydraulic analysis calculation for the component cooling water surge tank to assure that following a temperature transient there would be sufficient net positive suction head for the component cooling water pumps.
3. From initial licensing through May 1, 1997, a design basis requirement was not correctly incorporated into the technical specifications in that a technical specification limiting condition for operation did not assure that the minimum water level in the emergency feedwater storage tank was sufficient to mitigate accident scenarios. Specifically, Technical Specification 2.5(2) required 55,000 gallons of water to be available in the tank; however, calculations indicated that 55,969 gallons were required to mitigate design basis accidents.

This is a Severity Level IV violation (Supplement I) (50-285/9706-01).

- B. 10 CFR 50.71e, requires that the Updated Safety Analysis Report be updated periodically to assure that the information included in this report contains the latest material developed.

Contrary to the above, the periodic update of the Undated Safety Analysis Report performed on October 12, 1995, did not assure that the report contained the latest material developed, in that it did not provide the correct information regarding the capacity of the diesel-driven auxiliary feedwater pump fuel oil day tank. The Updated Safety Analysis Report specified that the fuel oil day tank contained sufficient fuel oil for 8 hours of continuous operation. However, the tank was routinely maintained at a less-than-full level such that 8 hours of continuous operation would not be obtained from the available fuel oil in the tank.

This is a Severity Level IV violation (Supplement I) (50-285/9706-03).

Pursuant to the provisions of 10 CFR 2.201, Omaha Public Power District is hereby required to submit a written statement or explanation to the U.S. Nuclear Regulatory Commission, ATTN: Document Control Desk, Washington, D.C. 20555 with a copy to the Regional Administrator, Region IV, 611 Ryan Plaza Drive, Suite 400, Arlington, Texas 76011, and a copy to the NRC Resident Inspector at the facility that is the subject of this Notice, within 30 days of the date of the letter transmitting this Notice of Violation (Notice). This reply should be clearly marked as a "Reply to a Notice of Violation" and should include for each violation: (1) the reason for the violation, or, if contested, the basis for disputing the violation, (2) the corrective steps that have been taken and the results achieved, (3) the corrective steps that will be taken to avoid further violations, and (4) the date when full compliance will be achieved. Your response may reference or include previous docketed correspondence, if the correspondence adequately addresses the required response. If an adequate reply is not received within the time specified in this Notice, an order or a Demand for Information may be issued as to why the license should not be modified, suspended, or revoked, or why such other action as may be proper should not be taken. Where good cause is shown, consideration will be given to extending the response time.

Because your response will be placed in the NRC Public Document Room (PDR), to the extent possible, it should not include any personal privacy, proprietary, or safeguards information so that it can be placed in the PDR without redaction. However, if you find it necessary to include such information, you should clearly indicate the specific information that you desire not to be placed in the PDR, and provide the legal basis to support your request for withholding the information from the public.

Dated at Arlington, Texas
this 27th day of June 1997