



DUKE POWER

November 19, 1990

U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, D.C. 20555

Subject: McGuire Nuclear Station, Unit 1, Docket No. 50-369
ASME Code Section XI Hydrostatic Testing Requirements
Relief Request No. 90-02

Pursuant to 10 CFR 50.55a(g)(5)(iii), we request that additional time be added to our first ten year interval for Unit 1 to allow completion of certain inservice hydrostatic testing. Find attached our justification for this request.

Should there be any questions concerning this matter, please contact P.F. Guill at 704-373-6233.

Very truly yours,

A handwritten signature in cursive script that reads "M.S. Tuckman".

M.S. Tuckman, Vice President
Nuclear Operations

SEL584

Attachment

xc: Mr. S.D. Ebnetter, Administrator
U.S. Nuclear Regulatory Commission, Region II
101 Marietta St., NW, Suite 2900
Atlanta, GA 30323

Mr. T.A. Reed, Project Manager
U.S. Nuclear Regulatory Commission
Office of Nuclear Reactor Regulation
Washington, D.C. 20555

Mr. P.K. Van Doorn
NRC Senior Resident Inspector
McGuire Nuclear Station

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Duke Power Company

McGuire Nuclear Station, Unit 1
Request For Relief From ASME Code Section XI Requirements
Relief Request No. 90-02

I. Component For Which Relief Is Requested:

The systems and components for which relief is requested are those portions of items identified in our inservice inspection program that have not been hydrostatically tested as required. Please reference the McGuire Inservice Program and post outage inservice reports for McGuire Unit 1.

II. ASME Code Section XI Requirement That Has Been Determined To Be Impractical:

ASME Boiler and Pressure Vessel Section XI, B and PV, and IWA 2400, Section C.

III. Alternate Examination Proposed:

No alternate examinations are being proposed. The required examinations will be performed. The only change will be the time the examinations will be performed.

IV. Basis For Requesting Relief:

The McGuire inservice plan consists of ten planned refueling outages within the ten year inservice interval. Our present plans are to change our fuel from a Westinghouse design to a Babcock and Wilcox fuel design. This change will be over more than one core load and will increase the on-line time of the plant during the first ten years of operation ^{/1}; thereby, reducing the number of scheduled refueling outages from ten to seven outages. As a result of this change, the actual inservice inspection time has been reduced by three refueling outages. If the required inservice hydrostatic tests are imposed in the existing ten year interval to include the additional 12 months allowed by 10 CFR 55a, McGuire Unit 1 would be required to remain in an outage in 1991 for an additional three months.

V. Why The Alternate Proposed Testing Will Provide An Acceptable Level Of Quality And Safety:

At McGuire to date, all inservice and functional inspections have revealed no evidence of failed welds in pressure retaining piping systems.

^{/1} The proposed license amendment for this change is currently being prepared.

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The McGuire Unit 1 inservice inspection interval began on December 1, 1981. Our evaluation of the results of our inservice program thus far indicate that extending the McGuire Unit 1 inservice inspection interval for the purpose of completing these hydrostatic tests would not endanger the quality of operations nor affect the health and safety of the public. Therefore, we believe the burden of extending a normal refueling outage by three months outweighs the benefit of imposing the requirement during the normally scheduled inservice interval.

VI. Implementation:

Our request would change the required completion date for the hydrostatic tests from December 1, 1992 to December 1, 1993. By this latter date, we will have completed the required inservice hydrostatic tests.