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 50-287 Oconee Nuclear Station, Unit 3, Duke Power Co. 05000287

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 OWEN, W.H. Duke Power Co.
 RECIPIENT NAME RECIPIENT AFFILIATION
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SUBJECT: Application for amends to Licenses DPR-38, DPR-47 & DPR-55,
 requiring that Type C LLRT for penetration 53 be performed.

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W. H. OWEN
EXECUTIVE VICE PRESIDENT
ENGINEERING & CONSTRUCTION

(704) 373-4120

September 29, 1989

U. S. Nuclear Regulatory Commission
Document Control Desk
Washington, DC 20555

Subject: Oconee Nuclear Station
Docket Nos. 50-269, -270, -287
Appendix J Testing, Penetration Number 53
Proposed Technical Specification Amendment

Dear Sir:

Pursuant to 10CFR50.90, please find attached (Attachment 1) a proposed amendment to the Oconee Nuclear Station (ONS) Facility Operating Licenses and revisions to the Oconee Technical Specifications. The proposed change consists of changes to Table 4.4-1, list of penetrations with 10CFR50, Appendix J test requirements. Specifically, the proposed amendment request would require that a type C local leak rate test for penetration number 53 be performed. Footnote 13 is also added to clarify when Type A and type C testing requirements for penetration 53 become applicable.

This amendment request is necessary due to the discovery that penetration Number 53 had not been properly tested. During a Type A test, this penetration is required to be challenged. The valve alignment utilized during type A tests have not appropriately challenged the valves of the penetration. As part of the resolution of this issue, the proposed technical specification amendment is submitted.

To prevent the shutdown of the Oconee Units 2 and 3 and to allow for the restart of Unit 1, I request, in accordance with the provisions of 10CFR50.91 (5), that this amendment request be processed on an emergency basis. Attachment 2 provides a discussion of why this emergency situation occurred and why we could not avoid this situation.

In accordance with the provisions of 10CFR50.92 (c) members of my staff have determined that the attached proposed amendment as having no significant hazards considerations. Please find attached (Attachment 3) the no significant hazards consideration evaluation and (Attachment 4) the supporting technical justification, including the basis for continued acceptable operation of Oconee until the proposed specification amendment is established. By copy of this letter, I am forwarding a copy of this application to the South Carolina Department of Health and Environmental Control for review, and as appropriate, subsequent consultation with the staff.

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The configuration for penetration 53 is being modified. The modification will add a vent valve, a drain valve and a test isolation valve to the Nitrogen line that feeds the A core flood tank. The prior configuration did not allow for local leak rate test for containment isolation valve CF-42 nor does it easily allow for a type A test to be properly performed for penetration 53. The new vent and drain line and test isolation valve will allow local leak testing of CF-42 and simplify type A testing of the penetration.

This modification was recently implemented on Unit 1. A type C test of containment isolation valves 1CF-42 and 1N-129, CA-27, HP-155, and CF-47 were successfully completed. Units 2 and 3 will be modified during the next available outage of sufficient length. After implementation of the modification and prior to restart of the unit a type C test of the containment isolation valves will be performed. An Integrated Leak Rate Test (ILRT) will be performed during the next refueling outage on units 1,2, and 3.

Until a type C test has been successfully performed for a given unit, the following manual valves will be maintained normally closed when containment integrity is required:

- 1) N-128
- 2) CA-27
- 3) HP-155
- 4) CF-47

Prior to successful completion of a type C test, during the times when any of the above valves are opened, and while containment integrity is required, Compensatory Action will be established to assure prompt closure.

Until the attached proposed technical specification amendment request is approved, a temporary waiver of compliance from the requirements specified by technical specification 4.1.1 and note 1 and 3 of table 4.1-1 for penetration 53 is requested. This temporary waiver from compliance with the technical specification surveillance requirements is requested because penetration 53 was not properly tested during a type A test.

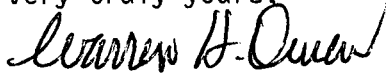
As noted earlier, this penetration is required to be challenged during a type A test. The valve alignment utilized during a type A test did not appropriately challenge the penetration. As such, penetration 53 is considered to be technically inoperable for all three units. As required by Oconee technical specifications, penetration 53 has been isolated by closing and maintaining closed the outside containment manual valves.

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However, during operations this penetration needs to be utilized to charge the A core flood tank. The frequency will vary from approximately once a shift to about once a week. Therefore the temporary waiver of compliance will allow for the periodic use of this penetration by temporarily waiving compliance with the technical specification surveillance requirement. The use of this penetration will be in accordance with the compensatory actions discussed in this letter. These compensatory actions will remain in effect until we are in full compliance with the technical specifications.

Specifically, for unit 1 the temporary waiver of compliance is required until the attached proposed technical specification amendment is approved. At that time unit 1 will be in compliance with the technical specifications. For unit 2, the temporary waiver of compliance is required until the provisions of the attached proposed technical specification amendment are met, but no later than January 15, 1990. For unit 3, the temporary waiver of compliance is required until the next refueling outage for unit 3, which is currently scheduled to begin November 8, 1989.

Very truly yours,

A handwritten signature in cursive script, reading "Warren H. Owen".

Warren H. Owen

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PFG/td/69

cc: Mr. S. D. Ebnetter
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Warren H. Owen, being duly sworn, states that he is Executive Vice President of Duke Power Company, that he is authorized on the part of said Company to sign and file with the Nuclear Regulatory Commission this revision to the Oconee Nuclear Station License Nos. DPR-38, DPR-47, and DPR-55; and that all statements and matters set forth therein are true and correct to the best of his knowledge.

Warren H. Owen
Warren H. Owen, Executive Vice President

Subscribed and sworn to before me this 29th day of September, 1989

Linda L. Kessler
Notary Public

My Commission Expires:

May 7, 1994



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