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

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 STOLZ, J. F.      PWR Project Directorate 6

SUBJECT: Forwards response to concerns re inservice insp at plant during second 10-yr interval. Relief requests re ASME Code requirements for hydrostatic testing applicable to second 10-yr interval will be resubmitted.

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August 28, 1986

Mr. Harold R. Denton, Director  
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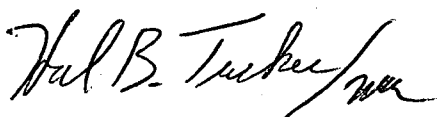
ATTENTION: Mr. J.F. Stolz, Project Director  
PWR Project Directorate #6

Subject: Oconee Nuclear Station  
Docket Nos. 50-269, -270, -287

Dear Sir:

Please find attached Duke's response to several Staff concerns regarding inservice inspection at Oconee Nuclear Station during the second 10 year interval.

Very truly yours,



Hal B. Tucker

PJN/61/jgm

Attachments

xc: Dr. J. Nelson Grace, Regional Administrator  
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NRC Resident Inspector  
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REQUEST:

Are any of the Oconee 1, 2, and 3 first-interval relief requests listed below applicable to the second interval?

<u>Examination</u>	<u>Reference</u>	<u>Item Number</u>
(a) 46 hydrotests	(8)	--
	(9)	--
	(12)	--
	(14)	II-2, III-1
	(16)	--
	(23)	--
	(24)	A, C-J, L-N, Q, R
	(26)	S-Z, AA-FF
	(29)	A-F
	(31)	G-J
(b) Reactor Vessel Support Skirt Weld	(18)	A
(c) Reactor Coolant Pump Casing Weld	(19)	--
(d) Reactor Coolant Pump Interior Surface	(19)	--

RESPONSE:

(a) Hydrostatic Tests

All requests for relief from ASME Code requirements for hydrostatic testing submitted during the first ten year interval are in review for applicability to the second ten year interval. Duke will resubmit those relief requests that are applicable to the second ten year interval under a separate correspondence. NRC will be apprised of schedular information concerning these requests.

(b) Reactor Vessel Support Skirt Weld

By letter dated June 1, 1981 (reference 18) Duke requested relief from the requirements of Section XI of the 1974 Edition (with Addenda through Summer 1975) of the ASME Code, Table IWB-2600, Item B1.12 Volumetric Examination for the Reactor Vessel Support Skirt. For the second ten year interval, the 1980 Edition (with Addenda through Winter 1980) is applicable to Oconee. Under this edition of the Code, the Reactor Vessel Support Skirt is past the boundary for Subsection IWB requirements. Therefore, for the second ten year interval, the Reactor Vessel Support Skirt falls under the boundaries of Subsection IWF in which a VT-3 examination is required.

(c) Reactor Coolant Pump Casing Weld

This item is in review for applicability to the second ten year interval. If any relief from Code requirements is necessary, it will not match that relief requested for the first ten year interval.

(d) Reactor Coolant Pump Interior Surface

This item is in review for applicability to the second ten year interval. If any relief from Code requirements is necessary, it will not match that relief requested for the first ten year interval.

REQUEST:

Relief request for the reactor coolant pump casing weld and internal surfaces (Categories B-L-1 and B-L-2) Reference 19, was made for Oconee 2 and 3. Were the requirements of Categories B-L-1 and B-L-2 met for Unit 1 during the first interval?

RESPONSE:

Yes, the requirements of B-L-1 and B-L-2 were met for Oconee Unit 1 during the first interval. The Reactor Coolant Pumps in Unit 1 are a different model than those of Units 2 and 3.

REQUEST:

Does your second-interval plan for Oconee 1, 2, and 3 include the required examinations of pumps and valves, Categories B-L-1, B-L-2, B-M-1, and B-M-2? If these items are only scheduled to be examined if components are disassembled for maintenance, relief is required.

RESPONSE:

B-L-1, B-L-2, B-M-1, and B-M-2 examinations are deferrable to the end of the interval. The Inservice Inspection (ISI) Plan requires that those items be inspected if disassembled during the first or second period. Components will be disassembled during the third period to fulfill any remaining requirements.

REQUEST:

The review copy of the ISI Plan does not include any Class 3 hydrotests. The ISI Plan should schedule these tests.

RESPONSE:

The current Inservice Inspection Plan includes Class 3 pressure tests for Units 1 and 2. The ISI Plan for Unit 3 is currently being updated to include Class 3 pressure tests for the upcoming refueling outage.

REQUEST:

Your ISI Plan includes 62 Class 1, 113 Class 2, and 0 Class 3 supports. The number of Class 1, 2, and 3 support examinations is significantly less than other plants. Have all IWF requirements been met?

RESPONSE:

The initial ISI Plan was prepared while waiting for a Design Engineering review of supports. The current ISI Plan includes 91 Class 1 supports, 337 Class 2 supports, and 337 Class 3 supports for Oconee Unit 1. The totals are similar for Units 2 and 3.

REQUEST:

The ISI Plan does not mention that the 1974 Edition, Summer 1975 Addenda of the Code is being used for certain Class 2 piping welds as required by 10CFR50.55a(b)(2)(iv). The earlier code examinations and exemptions being used for these welds should be clearly stated, as some exemptions are not accepted by the NRC.

RESPONSE:

10CFR50.55a(b)(2)(iv) states that "appropriate code Class 2 pipe welds in RHR systems, ECC systems, and CHR systems shall be examined". The extent of examination for these systems shall be determined by IWC-1220, Table IWC-2520 Cat. C-F & C-G, IWC-2411, 74S75. This requirement was met by using the W80 requirements for Category C-F (except for Note 1(d)(2)) and assuring that all S75 requirements were also met. The exemptions being applied are those stated in Paragraphs 2.1.2 and 2.1.3 of the ISI Plan.