

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 8512050205      DOC. DATE: 85/11/22      NOTARIZED: NO      DOCKET #  
 FACIL: 50-269 Oconee Nuclear Station, Unit 1, Duke Power Co.      05000269  
 50-270 Oconee Nuclear Station, Unit 2, Duke Power Co.      05000270  
 50-287 Oconee Nuclear Station, Unit 3, Duke Power Co.      05000287

AUTH. NAME      AUTHOR AFFILIATION  
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 RECIP. NAME      RECIPIENT AFFILIATION  
 DENTON, H. R.      Office of Nuclear Reactor Regulation, Director (pre-851125)  
 STOLZ, J. F.      Operating Reactors Branch 4

SUBJECT: Forwards request for relief from Section X1 of ASME Boiler & Pressure Vessel Code re inservice insp. Request submitted due to impracticality of hydrostatically testing specific welds following maint or mod as Code requires.

DISTRIBUTION CODE: A047D      COPIES RECEIVED: LTR 1 ENCL 1 SIZE: 4  
 TITLE: OR Submittal: Inservice Inspection/Testing

NOTES: AEOD/Ornstein: 1cy.      05000269  
 OL: 02/06/73  
 AEOD/Ornstein: 1cy.      05000270  
 OL: 10/06/73  
 AEOD/Ornstein: 1cy.      05000287  
 OL: 07/19/74

	RECIPIENT ID CODE/NAME	COPIES LTTR ENCL	RECIPIENT ID CODE/NAME	COPIES LTTR ENCL
	PWR-B PD6 PD 01	5 5		
INTERNAL:	ACRS 16	10 10	ADM/LFMB	1 0
	ELD/HDS4	1 0	NRR BWR ADTS	1 1
	NRR BWR EB	1 1	NRR PWR-A ADTS	1 1
	NRR PWR-A EB	1 1	NRR PWR-B ADTS	1 1
	NRR PWR-B EB	1 1	NRR/TAMB	1 1
	REG FILE 04	1 1	RGN2	1 1
EXTERNAL:	24X	1 1	LPDR 03	1 1
	NRC PDR 02	1 1	NSIC 05	1 1
NOTES:		1 1		

**DUKE POWER COMPANY**

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HAL B. TUCKER  
VICE PRESIDENT  
NUCLEAR PRODUCTION

November 22, 1985

Mr. H.R. Denton, Director  
Office of Nuclear Reactor Regulation  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Attention: Mr. J.F. Stolz, Chief  
Operating Reactors  
Branch No. 4

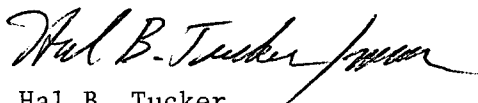
Subject: Oconee Nuclear Station  
Docket Nos. 50-269, 50-270, 50-287

Dear Mr. Denton:

Pursuant to 10 CFR 50, §50.55a, please find attached a request for relief from the requirements of Section XI of the ASME Boiler and Pressure Vessel Code (with Addenda through Winter 1980). The request is submitted due to the impracticality of hydrostatically testing specific welds as required by the code following maintenance or modification. The attached request concerns inservice inspection (hydrostatic) at Oconee Unit 3 being performed during the second ten year interval.

This request is considered to supplement the request made by my letter of September 13, 1984. As such, no additional license fees are required.

Very truly yours,



Hal B. Tucker

PJN/jgm

Attachment

cc: Dr. J. Nelson Grace, Reg. Admin.  
U.S. Nuclear Regulatory Commission  
Region II  
101 Marietta St., NW, Suite 2900  
Atlanta, Ga. 30323

Mr. J.C. Bryant  
NRC Resident Inspector  
Oconee Nuclear Station

Ms. Helen Nicolaras  
Office of Nuclear Reactor Regulation  
U.S. Nuclear Regulatory Commission  
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Mr. Heyward Shealy, Chief  
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8512050205 851122  
PDR ADOCK 05000269  
PDR  
Q

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H.R. Denton  
November 22, 1985  
Page 2

bcc: N.A. Rutherford  
P.F. Guill  
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S.G. Godwin  
T.C. Matthews  
B.W. Carney  
R.T. Bond  
R.J. Bracket  
A.J. Hogge  
Group File: OS-801.01

Duke Power Company  
Oconee Nuclear Station - Unit 3  
Request For Relief from Inservice  
Inspection Requirements (Hydrostatic)

I. Component for Which Exemption is Requested:

- (a) Name and Number: Steam Generator Drains (04A) - Section of Line Between 3A OTSG and 3FDW-144.
- (b) Function:  
Steam Generator Drain
- (c) ASME Section XI Code Class:  
2
- (d) Valve Category:  
N/A

II. Reference Code Requirement that has been determined to be impractical:  
Paragraph IWA-4400(a), which states that after repairs by welding on the pressure retaining boundary, a system hydrostatic test shall be performed in accordance with IWA-5000.

III. Basis for Requesting Relief:

To perform the required hydrostatic test on welds 24C, 25A, and 26A (shown on the attached isometric sketch) would require the filling of the Steam Generator and Main Steam Lines up to the stop valves with water.

Therefore, based on the above discussion, Duke requests that the Steam Generator Drains between 3A OTSG and 3FDW-144 be considered exempt from the requirements of Section XI, paragraph IWA-4400(a).

IV. Alternate Examination:

- (a) The welds will be penetrant tested, then examined during the system pressure test prior to Unit 3 startup.
- (b) The welds will also be inspected during the OTSG/MS line hydro as part of the Inservice Inspection Plan.

V. Implementation Schedule:

- (a) Penetrant testing and visual testing will be done prior to Unit 3 startup.
- (b) Hydrostatic testing will be performed during 10 year Inservice Inspection.

ELLENBURG

DUKE POWER COMPANY  
CONSTRUCTION DEPARTMENT

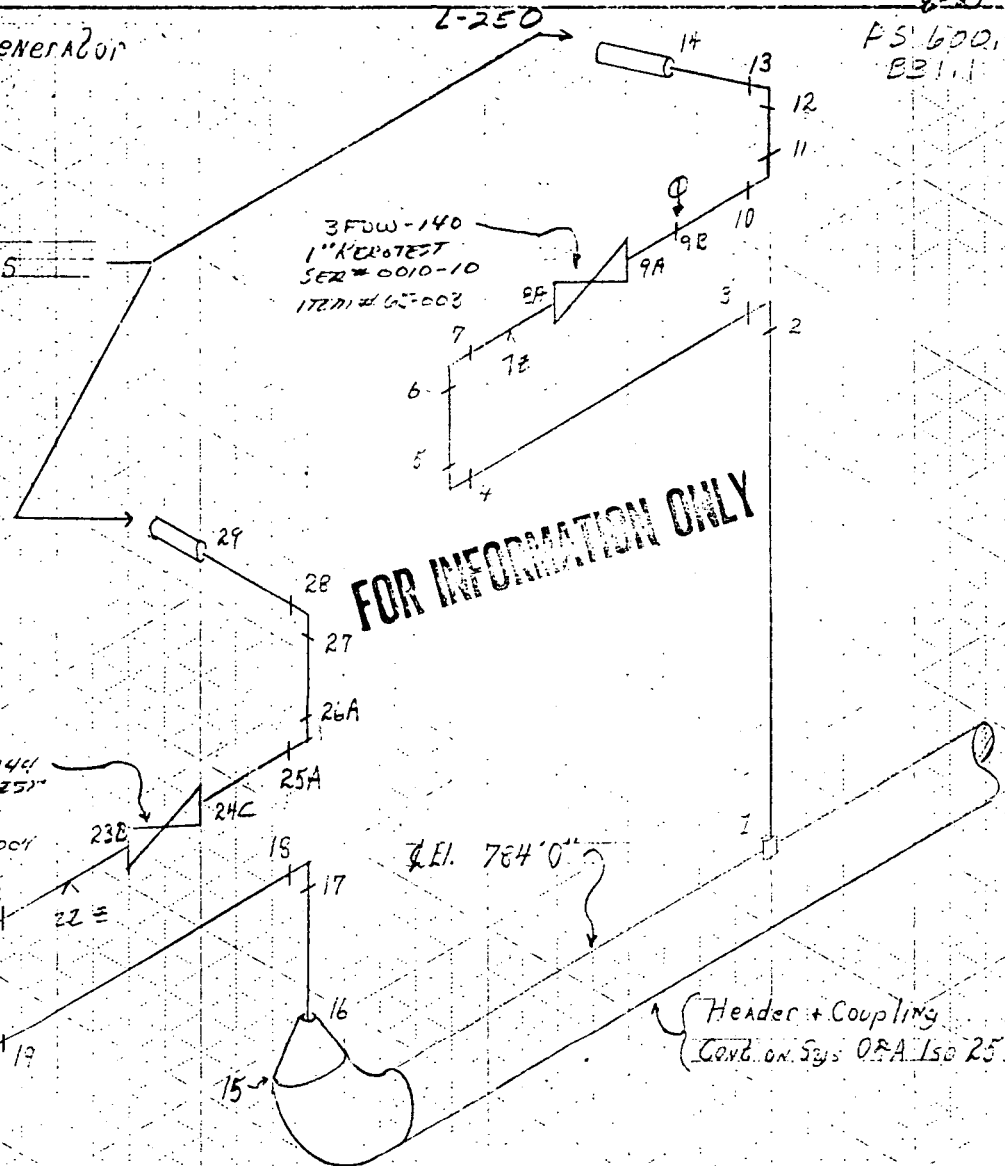
ISOMETRIC SKETCH

PROJECT OCONEE SYSTEM 04A SUB SYSTEMS (1) UNIT 3BB ISO. NO. 29 REV. NO. 8  
 CLASS F MATERIAL CFE WELDING PROCEDURE PA P5B LAST WELD NO. 29 DATE 8-27-25

Drains from "3A" Generator

"3A S.G. DRAINS"

PS 600.4  
BB1.1



FOR INFORMATION ONLY

Header + Coupling  
Cont. on Sys 04A Iso 25

CLASS F & G HAVE ALL WELDS OF 1/2" WALL THICKNESS AND FOR 100% RT. 100% RT / RT ALL FULL PENETRATION WELDS OVER 1" DIAMETER WITH A WELDED BEVEL OR BEVEL WELDS OVER 5" DIAMETER AND 3/4" AND LESS WALL THICKNESS, HAVE IT CONSIDERED RT.

REF. DWG. NOS.		SIZE x WALL THICKNESS	WELD NUMBERS	NDT CODE	WELD NUMBERS	ISO. REV. NO.	WELD NUMBERS	
DWG.	REV.						ADDED	DELETED
24-180	1/1/2	4" x 337"	80-15	F CFE 0		1	PA, P5B	48117
		1/2" x 200"	80-16-22, 27, 29	F CFE 0		2	R.B. Roll	1/27/23
		1 1/2" x 200"	23B, 24C, 24A, 23A	F CFE 0.1		3	(W.D. Proc. P-14-P23)	
		1 1/2" x 200"	80-24B	F CFE 5		4	22, 7, 2	
		1" x 179"	80-1-7, 10-14, 9A, 9B	F CFE 0		5	9A, 9B, 23A, 24A, 24B, 24C, 24D, 24E	
48-12-226B		1" x 179"	80-9C	F CFE 5		6	WTR 121	
WTR 121						7	23B, 24C, 24A, 23A	
24-579						8	23B, 24C, 24A, 23A	
24-1218-2		ATTACH						

\* ALL WELD NUMBERS SHOWN ABOVE ARE PRECEDED BY THE ISO. NO.

R.L.M.