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50-287 Oconee Nuclear Station, Unit 3, Duke Power Co. 05000287
AUTH. NAME AUTHOR AFFILIATION
TUCKER, H. B. Duke Power Co.
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.

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DUKE POWER COMPANY
P.O. BOX 33189
CHARLOTTE, N.C. 28242

HAL B. TUCKER
VICE PRESIDENT
NUCLEAR PRODUCTION

TELEPHONE
(704) 373-4531

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

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
Washington, D.C. 20555

Mr. Heyward Shealy, Chief
Bureau of Radiological Health
S.C. Dept. of Health & Env. Control
2600 Bull Street
Columbus, S.C. 29201

A047
1/1

bcc: N.A. Rutherford
P.F. Guill
M.A. Haghi
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.

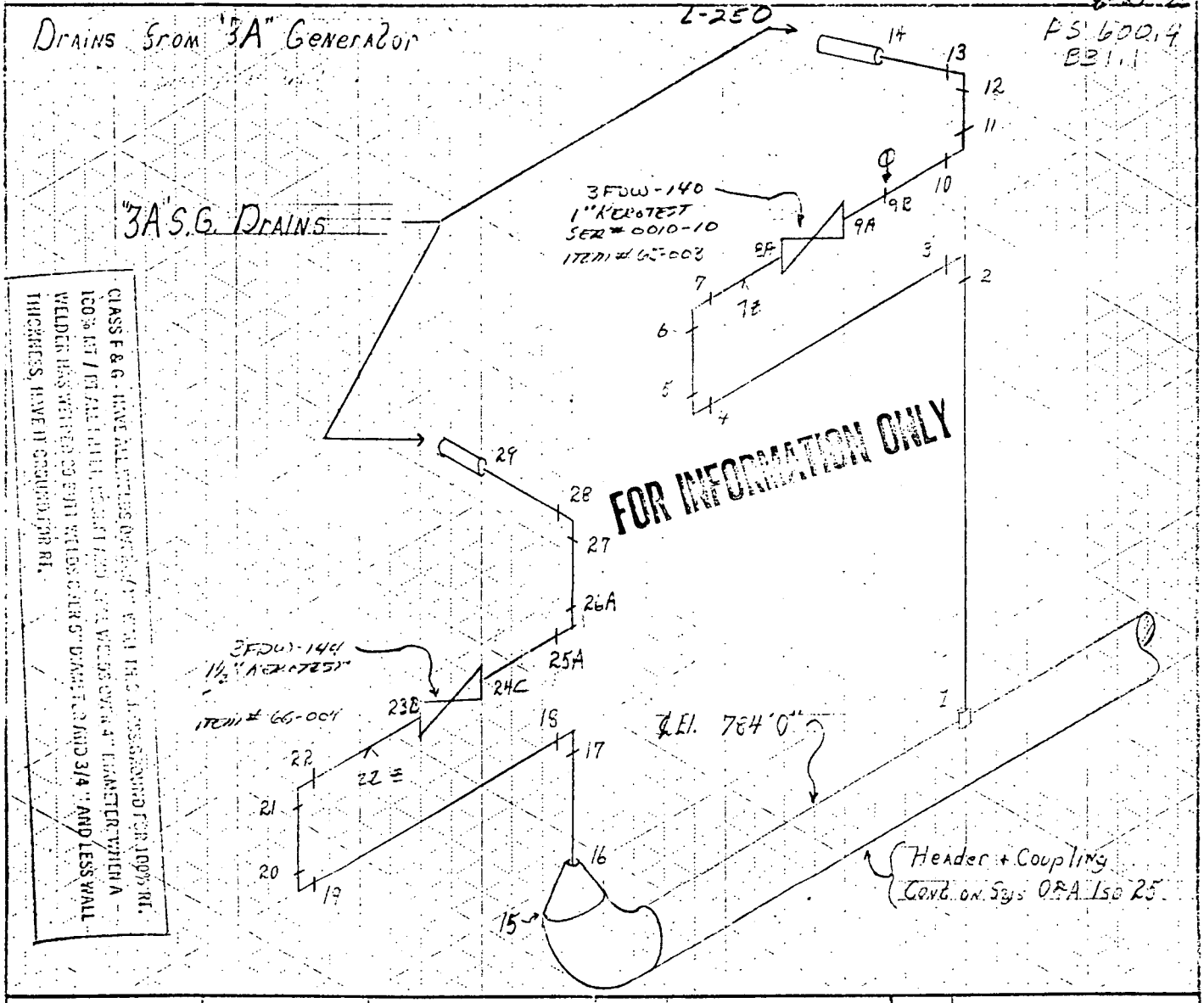
FORM QR 17 : REVISION 0

ELLENBURG

DUKE POWER COMPANY
CONSTRUCTION DEPARTMENT

ISOMETRIC SKETCH

PROJECT OCONEE SYSTEM 04A SUB SYSTEMS (1) UNIT 3RC ISO. NO.* 29 REV. NO. 8
L-220 P-14, P-23,
CLASS F MATERIAL CFE WELDING PROCEDURE P5A P5B LAST WELD NO.* 29 DATE 6-27-75



REF. DWG. NOS. DWG.	REV.	SIZE × WALL THICKNESS	WELD NUMBERS	Class	Mat'l	NDT CODE	WELD NUMBERS	ISO. REV. NO.	WELD NUMBERS ADDED	DELETED
24"SC	11	4"ø x .337"	80 15	F	CFE	0		1	P5A, P5B	
		1½"ø x .200"	80 16-22, 27, 29	F	CFE	0		2	R.B. Roll	
		1"ø x .200	23B, 24C, 25A, 26A	F	CFE	01		3	(W.D. Proc. P-14-P23)	
		1½"ø x .200"	80 24B	F	CFE	5		4	22 22 B 7 7B	
								5	BP, 9A, 9B, 23A, 24A, 24B	23, 23, 24
		1"ø x .179"	80 1-7, 10-14, 9A 9A	F	CFE	0		6	WTR 121	
WF 2226.B		1"ø x .179	80 9B	F	CFE	5		7	23B, 24C 24A, 23A	
WTR 121								8	25A, 26A	23, 24, 24B
Stub 5719										
OFA-1218-3		ATTACH	SEE [illegible]							

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

R.L.M.