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AUTH. NAME AUTHOR AFFILIATION
TUCKER, H. B. Duke Power Co.
RECIP. NAME RECIPIENT AFFILIATION
DENTON, H. R. Office of Nuclear Reactor Regulation, Director (post 851125
STOLZ, J. F. PWR Project Directorate 6

SUBJECT: Forwards request for relief from inservice insp requirements (hydrostatic) during second 10-yr interval due to impracticality of hydrostatically testing specific welds, per Section XI of ASME Boiler & Pressure Vessel Code.

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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

April 18, 1986

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

ATTENTION: Mr. J.F. Stolz, Project Director
PWR Project Directorate No. 6

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

Dear Mr. Denton:

Pursuant to 10 CFR 50, Part 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 1 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

xc: 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

Mrs. Helen Pastis
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
0/0

Duke Power Company
Oconee Nuclear Station - Unit 1
Request For Relief from Inservice
Inspection Requirements (Hydrostatic)

I. Component for Which Exemption is Requested:

(a) Name and Number: Emergency Feedwater Pump Turbine Oil Cooler Pump Suction - Weld No. 1FA

(b) Function: Tie-in weld to existing 78" Condenser Circulating Water Line

(c) ASME Section XI Code Class: 3

(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:
Weld 1FA (shown on attached sketch) cannot be isolated from the condenser circulating water system. Performance of the required hydrostatic test would require pressurizing the system to the condenser circulating water pumps.

IV. Alternate Examination:
The weld will be penetrant tested and inservice leak tested.

V. Implementation Schedule:
Alternate examinations will be performed prior to returning the Emergency Feedwater Pump Turbine Oil Cooler Pump to service.

JIGGS

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7 X 10 INCHES MADE IN U.S.A.
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System # 13 Unit #1 CLASS F CFe sheet 7 of

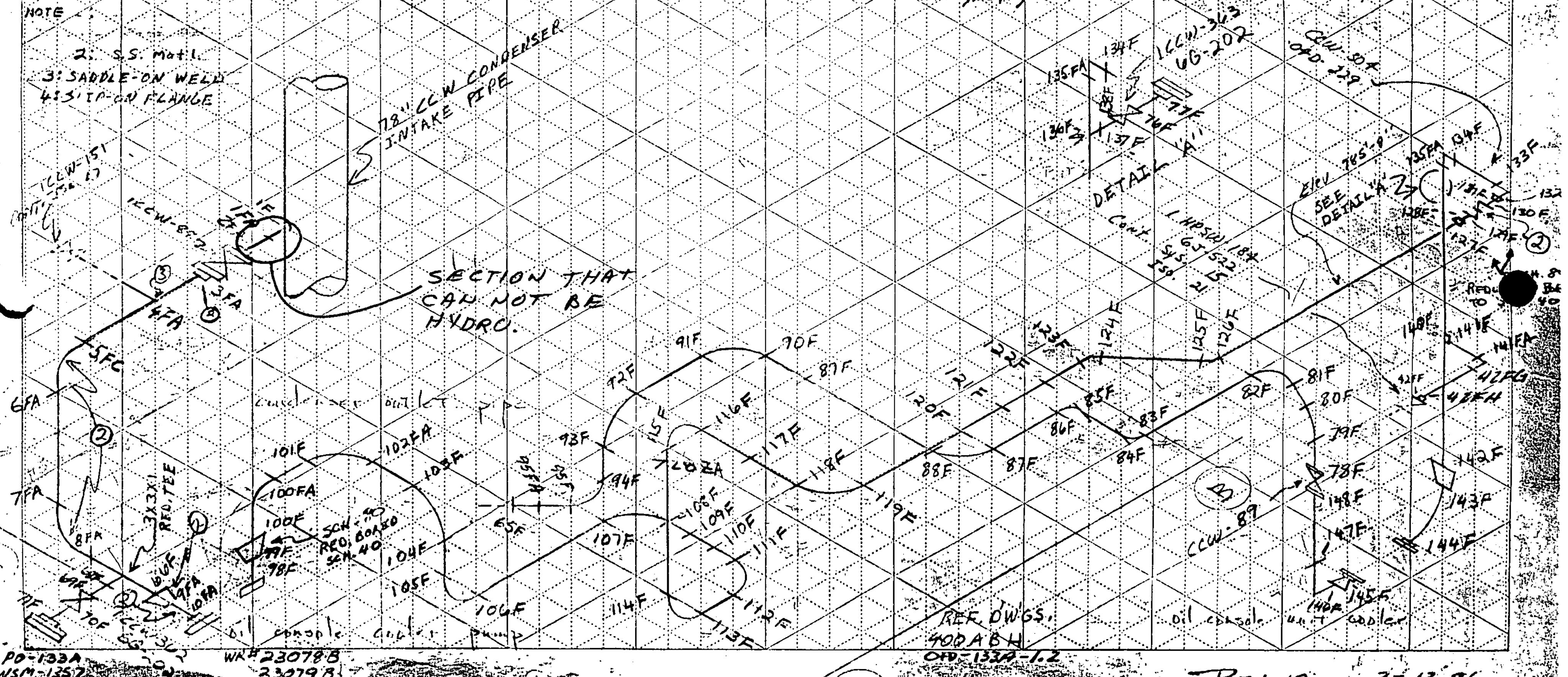
ISO. REV. NO.	±	CHANGES WELD NOS.	ISO. REV. NO.	±	CHANGES WELD NOS.
17		ADD NOTE ②			
		99F, REVISE P.S.			
CRH	-	102F			
	+	102FA			
18	-	2F, 96F			
	+	2FA, 96FA, 1FA,			
		RE-ADD 65F			

831.1
159.6
151.4

L-203, L-212,
L-250
L-264
L-231

CFE/CRES

6FA-8FA, 66F, 5FC	CRES/CFE	3" X .216 "O"
9FA: SCH. 80 BORED TO SCH. 40	CRES/CFE	1½ X .145 "O"
4FA	CRES/CFE	2" X .218 O
144F, 145F	CRES/CFE	2½ X .203
138F, 98F, 141F	CRES/CFE	1" X .179 VT
128F-131F	CRES/304	2" X .218 VT
148F, 78F, 95FA, 1FA	CRES/CFE	3" X .216 VT
2FA, 100F, 101F, 102FA, 79F-95F, 103F-127F, 132F, 100FA, 142F, 147F, 146F, 133F, 134F, 135FA	CRES/304	3" X .216 VT
OMIT 59F, 60F		
68F-71F	CRES/304	1" ϕ X .179" "O"
42FG, 42FC, 42FH, 76F, 77F	CFE	1" ϕ X .179" "O"
10FA	CFE	1½" ϕ X .200"
42FF,		2" ϕ X .218" "O"
143F	CRES/304	2½" ϕ X .203" VT
		3" ϕ X .216" O
1F, 3FA, 65F	CFE	3" ϕ X .216" O
28ZA		ATTACH UT
99F, 137F, 140F, 136F	CRES/304	1" X .179 VT



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