

# ACCELERATED DISTRIBUTION DEMONSTRATION SYSTEM

## REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 9006120217      DOC. DATE: 90/05/31      NOTARIZED: NO      DOCKET #  
 FACIL: 50-269 Oconee Nuclear Station, Unit 1, Duke Power Co.      05000269  
 AUTH. NAME      AUTHOR AFFILIATION  
 TUCKER, H.B.      Duke Power Co.  
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SUBJECT: Forwards Request for Relief 90-02 from inservice insp requirement during second 10-yr interval at facility.

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Duke Power Company  
P.O. Box 33198  
Charlotte, N.C. 28242

HAL B. Tucker  
Vice President  
Nuclear Production  
(704)373-4531



**DUKE POWER**

May 31, 1990

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

Subject: Oconee Nuclear Station  
Docket No. 50-269  
Second Ten Year Interval  
Request for Relief No. 90-02

Gentlemen:

Pursuant to 10CFR 50, 50.55a, please find attached request for relief number 90-02 from the requirements of Section XI of the ASME Boiler and Pressure Vessel Code (with Addenda through Winter 1980). This request is being submitted due to the impracticality of performing a surface examination on integral attachments as required by the Code. The attached request concerns the inservice inspection at Oconee Unit 1 being performed during the second ten year interval.

Very truly yours,

Hal B. Tucker

PJN/123

Attachment

9006120217 900531  
PDR ADOCK 05000269  
Q PDC

A047  
11

Document Control Desk  
May 31, 1990  
Page 2

cc: W/O Diagrams

Mr. S. D. Ebnetter, Regional Administrator  
U. S. Nuclear Regulatory Commission - Region II  
101 Marietta St. NW  
Suite 2900 - Atlanta, GA 30323

Mr. L. A. Wiens  
Office of Nuclear Reactor Regulation  
U. S. Nuclear Regulatory Commission  
Washington, DC 20555

Mr. Heyward Shealy, Chief  
Bureau of Radiological Health  
S. C. Department of Health and Environmental Control  
2600 Bull Street  
Columbus, SC 29201

Mr. P. H. Skinner  
NRC Resident Inspector  
Oconee Nuclear Station

DUKE POWER COMPANY

Request For Relief From  
Inservice Inspection Requirement

Station: Oconee

Unit: 1

Reference Code: 1980 ASME Section XI, including addenda through Winter  
1980

1. Component for which exemption is requested:

a. Name and Identification Number:

Integrally welded Piping Attachments for Support No.  
03-0-480A-H9B on the Feedwater system (Duke System No. 03),  
ISI Item No. C03.040.038

b. Function:

To support the weight of and provide structural stability to  
the Feedwater Piping System

c. ISI Class/Duke Class: ISI Class II/Duke Class F

d. Valve Category: N/A

II. Reference Code Requirement that has been determined to be impractical:

ASME Boiler and Pressure Vessel Code Section XI, 1980 Edition,  
including 1980 Winter Addenda, Surface Examination (PT/MT)  
specified in table IWC-2500-1, Category C-C, Item No. C3.40

### III. Basis for Requesting Relief:

The integral attachments are inaccessible for a Surface Examination because of their physical location inside a wall penetration. The integral attachments are welded to a 24" Feedwater pipe that runs through a 36" pipe sleeve penetrating the wall at an approximate 45° angle. Due to the angle, the integral attachments are inside the sleeve at a depth of approximately 12" from the near side and 36" from far side with a maximum clearance of 5" as shown on attached piping support detail No. 03-0-480A-H9B (pages 1-3).

### IV. Alternate Examination:

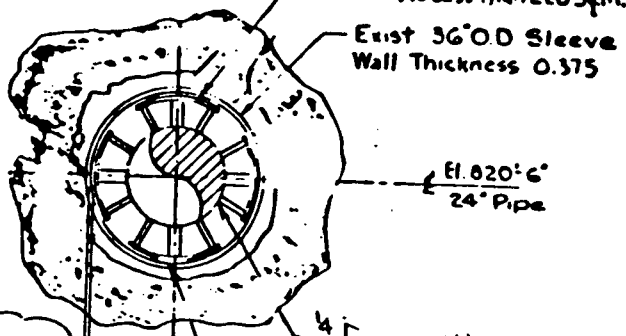
A Visual Examination will be performed on the integrally welded attachments for Support No. 03-0-480A-H9B (ISI Item No. C03.040.038) meeting the requirements of 1980 ASME Section XI, IWA-2211, VT-1 Visual Examination. This inspection will provide assurance of the structural integrity of this support.

### V. Implementation Schedule:

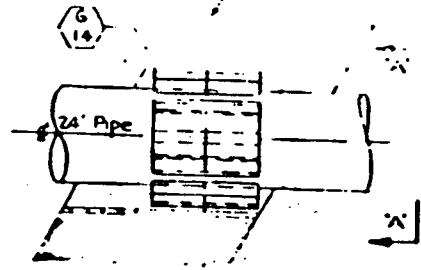
This examination will be performed in the month of May, 1990, during the current (12th) refueling outage.

SHIM IF REQUIRED PER SECTION 7.20 OF 03-0021-00-0002 EXCEPT SHIMS ARE TO EXTEND AS A MINIMUM THE FULL ARC LENGTH OF THE SADDLE AND HAVE A MINIMUM WIDTH OF 3". SHIM MAY EXTEND 4" PAST EDGE OF SLEEVE TO ALLOW WELDING OUTSIDE OF SLEEVE. SHIM THICKNESS SHALL BE SELECTED BASED ON THE MINIMUM TAP SIZE OVER THE SHIM AREA.

Note: This Plate On All Four Saddles To Have No Less Than 220 Sph. For Civil Bearing

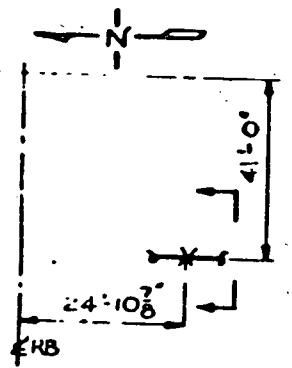


CLR. (F.P. BOTH ENDS - 4 PLACES) [WHERE ACCESSIBLE] SECTION - 'A-A'



PLAN

\* LOADS WITH FEEDWATER HEADER SUPPORTS



LOCATION PLAN

QUAN.	MATERIALS AND OPERATIONS	ITEM NO.
03	PIPE GUIDE CONSISTING OF:	
4	Saddle/sk. Per DETAIL 'A' TN-236A	
1	Plate & Tag	
	NO: 03-0-480A-H9B	
	FORM OF THE DRAWING IS SUBJECT TO ABOVE MATERIAL.	

FOR INFORMATION ONLY

SIR CALC. NO. PSC-1297-07

"X" RIGID

	1	2
SE	.000	.000
SE	.000	.639

PROBLEM NO. 1-03-05 SYSTEM NO. 03  
 ISSUE 0  
 DATA PT. 370 NUCLEAR CLASS

FOR INSERVICE INSPECTION USE ONLY

NOTE: THIS DRAWING SUPERSEDES BECHTEL SKETCH 0-490B-17 REV. # D, DATED 7-17-70

QA CONDITION 1

SYSTEM DATA		LOADS		ITEM NO.	
DESIGN RATING	1050 PSIG	T (THERMAL LOAD)	-7672	15312-	
DESIGN PRESSURE	600° F	D (DEAR LOAD)	-1039	002	
DESIGN TEMPERATURE	4.0° F	DE (DBE)	* 16341		
OPERATING TEMPERATURE	25" Sch. 80, 106-G. B.	MHE (SSE)	* 32682		
PIPE	3"	DE + T + D	+15368 / -25116		
INSULATION		MHE + T + D	+31709 / -41459		

NO.	REVISION	BY	CHKD	APPR	DATE
01	REVISED PER IER 79-14				6-17-81

DUKE POWER CO.					
COOKE NUCLEAR POWER STATION - UNITS 1, 2, & 3					
PIPING SUPPORT DETAIL					
03-0-480A-H9B					
DRN.	HLU	4/15/81	CHKD.	DP	4-28-81
INSP.	WHT	5/11/81	APPR.	OP	5/11/81
SCALE: NONE					SHT. 1 OF 9
					REV. 01

Request For Relief Ser. No. ONS-013 Attachment (pages 1-3)







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