

# ACCELERATED DISTRIBUTION DEMONSTRATION SYSTEM

## REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 9202060500      DOC. DATE: 92/02/04      NOTARIZED: NO      DOCKET #  
 FACIL: 50-270 Oconee Nuclear Station, Unit 2, Duke Power Co.      05000270  
 AUTH. NAME      AUTHOR AFFILIATION  
 HAMPTON, J.W.      Duke Power Co.  
 RECIPIENT NAME      RECIPIENT AFFILIATION  
                                  Document Control Branch (Document Control Desk)

SUBJECT: Forwards Request for Relief 92-03 from section XI requirements of ASME Boiler & Pressure Vessel Code per 10CFR50.55a. Due to impracticality of pressure testing welds following repair. Radiographs will replace hydrostatic tests.

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**DUKE POWER**

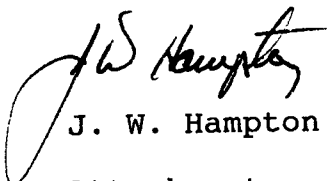
February 4, 1992

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

Subject: Oconee Nuclear Station  
Docket Nos. 50-270  
Second Ten Year Interval  
Request for Relief No. 92-03

Pursuant to 10 CFR 50.55a, please find attached request for relief number 92-03 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 pressure testing specific welds as required by code following repair. The attached request concerns the inservice inspection at Oconee Unit 2 being performed during the second ten year interval. I am requesting approval on this request as soon as possible.

Very truly yours,

  
J. W. Hampton

Attachments

rr9203

xc: Mr. S. D. Ebnetter  
Regional Administrator, Region II

Mr. Heyward Shealy, Chief  
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Duke Power Company  
Oconee Nuclear Station  
Second Ten Year Interval  
Request for Relief No. 92-03

I. Component for Which Relief is Requested:

(a) Name and Number:

Emergency Feedwater System welds for installing  
2FDW-233

(b) Function:

2FDW-233 is a 6" check valve which prevents  
backflow from the 2B Steam Generator to the  
Emergency Feedwater System.

(c) ASME Code Class:

ISI Class B, Duke Class F  
(See drawing OFD 121D-2.1)

(d) IWV-2200 Valve Category:

Category C

II. Reference Code Requirement that has been Determined  
to be Impractical:

ASME Boiler and Pressure Vessel Code Section XI, 1980  
Edition (with Addenda through Winter 1980) Article  
IWA-5214(a) which requires a component repair or  
replacement shall be hydrostatically tested prior to  
resumption of service.

III. Basis for Requesting Relief:

Hydrostatic testing of of the welds associated with  
the replacement of 2FDW-233 would require  
pressurizing the steam generator which would create  
an unnecessary hydrostatic test cycle on the steam  
generator.

IV. Alternate Examination:

Welds will be 100% radiographed and a VT-2 visual  
inspection will be performed at normal operating  
temperature and pressure.

V. Evaluation of Acceptability of Proposed Alternate Testing with Respect to the Level of Quality and Safety as well as Public Health and Safety:

The radiographs will assure the integrity of the welds while the visual inspection (VT-2) will assure the ability of the welds to hold normal operating pressure. These two tests combine to provide assurance that the health and safety of the general public will be not be endangered.

VI. Implementation Schedule:

January and February, 1992. Refueling Outage 12.