

## REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 8907180313      DOC. DATE: 89/07/07      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  
 TUCKER, H.B.      Duke Power Co.  
 RECIP. NAME      RECIPIENT AFFILIATION  
                  Document Control Branch (Document Control Desk)

SUBJECT: Transmits results of insps during EOC-10 refueling outage as partial response to Item 2 of NRC Bulletin 88-008.

DISTRIBUTION CODE: IE16D      COPIES RECEIVED: LTR 1 ENCL 1      SIZE: 2  
 TITLE: Bulletin Response 88-08 - Thermal Stress in Piping to RCS.

## NOTES:

|           | RECIPIENT<br>ID CODE/NAME | COPIES<br>LTTR ENCL | RECIPIENT<br>ID CODE/NAME | COPIES<br>LTTR ENCL |
|-----------|---------------------------|---------------------|---------------------------|---------------------|
|           | PD2-3 LA                  | 1 0                 | PD2-3 PD                  | 1 1                 |
|           | WIENS, L                  | 1 1                 |                           |                     |
| INTERNAL: | AEOD/DOA                  | 1 1                 | AEOD/DSP/TPAB             | 1 1                 |
|           | NRR HARTZMAN, M           | 1 1                 | NRR HUM, M                | 1 1                 |
|           | NRR REEVES, E.A.          | 1 1                 | NRR/DEST/ADE 8H           | 1 1                 |
|           | NRR/DEST/ADS 7E           | 1 1                 | NRR/DEST/MEB 9H           | 1 1                 |
|           | NRR/DOEA/EAB 11           | 1 1                 | NRR/DOEA/GCB 11           | 1 1                 |
|           | NRR/DREP/EPB 10           | 1 1                 | NRR/PMAS/ILRB12           | 1 1                 |
|           | NUDOCS-ABSTRACT           | 1 1                 | REG FILE 02               | 1 1                 |
|           | RES/DSIR/EIB              | 1 1                 | RGN2 FILE 01              | 1 1                 |
| EXTERNAL: | LPDR                      | 1 1                 | NRC PDR                   | 1 1                 |
|           | NSIC                      | 1 1                 |                           |                     |

## NOTE TO ALL "RIDS" RECIPIENTS:

PLEASE HELP US TO REDUCE WASTE! CONTACT THE DOCUMENT CONTROL DESK,  
 ROOM P1-37 (EXT. 20079) TO ELIMINATE YOUR NAME FROM DISTRIBUTION  
 LISTS FOR DOCUMENTS YOU DON'T NEED!

TOTAL NUMBER OF COPIES REQUIRED: LTR 22 ENCL 21

A01  
 ce

**DUKE POWER COMPANY**

P.O. BOX 33189

CHARLOTTE, N.C. 28242

**HAL B. TUCKER**

VICE PRESIDENT  
NUCLEAR PRODUCTION

TELEPHONE  
(704) 373-4531

July 7, 1989

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

Subject: Oconee Nuclear Station  
Docket Nos. 50-269, -270, -287  
Thermal Stresses in Piping Connected to  
Reactor Cooling System (NRC Bulletin 88-08)

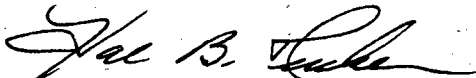
Gentlemen:

My letter of October 6, 1988 provided a response to Item 1 of the NRC Bulletin 88-08 concerning thermal stresses in piping connected to reactor cooling system (RCS). My response identified two portions of the high pressure injection (HPI) lines located between valves HP-152/HP-153 and the RCS which may be subject to the kind of thermal stresses described in Bulletin 88-08. Furthermore, I indicated that inspection of these pipings as required by Action Item 2 of the bulletin will be completed by the end of upcoming refueling outages for Oconee Unit 1, 2, and 3. The results of our inspections for Unit 1 were provided by my letter of March 10, 1989. The purpose of this letter is to transmit to you the results of our inspections during the Unit 2 EOC-10 refueling outage as a partial response to Item 2 of the bulletin.

Our review of portions of the HPI line between HP-152/HP-153 and the RCS identified eight piping welds for an augmented inspection. These welds, which are the only geometric discontinuities, and their heat-affected zones were determined to be the highest stress locations. Each identified weld on HPI lines for Unit 2 received a full volumetric ultrasonic inspection of the weld and base material. The examination of all eight welds was completed during the Unit 2 EOC-10 refueling outage and no reportable conditions were found.

I declare under penalty of perjury that the statements set forth therein are true and correct to the best of my knowledge.

Very truly yours,



Hal B. Tucker

MAH/11/td

8907180313 890707  
PDR ADOCK 05000269  
Q PDC

IE16

Document Control Desk

July 7, 1989

Page 2

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

Mr. S. B. Ebner  
Regional Administrator, Region II  
U. S. Nuclear Regulatory Commission  
Region II  
101 Marietta Street, NW, Suite 2900  
Atlanta, GA 30323

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