

010/04/48

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)  
DISTRIBUTION FOR INCOMING MATERIAL

58-269

REC: OREILLY J P  
NRC

ORG: PARKER W O  
DUKE PWR

DOC DATE: 09/28/78  
DATE RCVD: 10/02/78

DOCTYPE: LETTER NOTARIZED: NO  
SUBJECT:

COPIES RECEIVED  
LTR 1 ENCL 1

FORWARDING LICENSEE EVENT REPT (RO 50-269/78-022) ON 09/14/78 CONCERNING  
DURING PERFORMANCE OF PROCEDURE IP/O/A/0201/1A, BOTH CHANNELS LEVEL OF  
INSTRUMENTS ON CFT 2A WERE DETERMINED TO BE OUT OF CALIBRATION IN THE  
NON-CONSERVATIVE DIRECTION.

PLANT NAME: OCONEE - UNIT 1

REVIEWER INITIAL: XJM  
DISTRIBUTOR INITIAL: *al*

\*\*\*\*\* DISTRIBUTION OF THIS MATERIAL IS AS FOLLOWS \*\*\*\*\*

NOTES:

1. M. CUNNINGHAM - ALL AMENDMENTS TO FSAR AND CHANGES TO TECH SPECS

INCIDENT REPORTS  
(DISTRIBUTION CODE A002)

FOR ACTION: BR CHIEF ORB#4 BC\*\*W/4 ENCL

INTERNAL:

*REG FILE* \*\*W/ENCL

I & E\*\*W/2 ENCL  
I & C SYSTEMS BR\*\*W/ENCL  
NOVAK/CHECK\*\*W/ENCL  
AD FOR ENG\*\*W/ENCL  
HANAUER\*\*W/ENCL  
AD FOR SYS & PROJ\*\*W/ENCL  
ENGINEERING BR\*\*W/ENCL  
KREGER/J. COLLINS\*\*W/ENCL  
K SEYFRIT/IE\*\*W/ENCL

NRC PDR\*\*W/ENCL  
MIPC\*\*W/3 ENCL  
EMERGENCY PLAN BR\*\*W/ENCL  
EEB\*\*W/ENCL  
PLANT SYSTEMS BR\*\*W/ENCL  
AD FOR PLANT SYSTEMS\*\*W/ENCL  
REACTOR SAFETY BR\*\*W/ENCL  
VOLLMER/BUNCH\*\*W/ENCL  
POWER SYS BR\*\*W/ENCL

EXTERNAL:

LPDR'S  
WALHALLA, SC\*\*W/ENCL  
NSIC\*\*W/ENCL  
ACRS CAT B\*\*W/16 ENCL

DISTRIBUTION: LTR 44 ENCL 44  
SIZE: 1P+1P+1P

CONTROL NER: 781640066

\*\*\*\*\* THE END \*\*\*\*\*

*A04*  
*R*

DUKE POWER COMPANY

POWER BUILDING

422 SOUTH CHURCH STREET, CHARLOTTE, N. C. 28242

WILLIAM O. PARKER, JR.  
VICE PRESIDENT  
STEAM PRODUCTION

September 28, 1978

TELEPHONE: AREA 704  
373-4083

Mr. James P. O'Reilly, Director  
U. S. Nuclear Regulatory Commission  
Region II  
101 Marietta Street, Suite 3100  
Atlanta, Georgia 30303

RE: Oconee Unit 1  
Docket No. 50-269

1978 OCT 2 PM 2 17  
RECEIVED DISTRIBUTION  
SERVICES UNIT  
US NRC  
DISTRIBUTION SERVICES  
BRANCH

Dear Mr. O'Reilly:

Pursuant to Sections 6.2 and 6.6.2 of the Oconee Nuclear Station Technical Specifications, please find attached Reportable Occurrence Report RO-269/78-22.

Very truly yours,

*William O. Parker Jr.*  
William O. Parker, Jr. *by WAH*

RLG:scs  
Attachment

cc: Director, Office of Management Information  
and Program Control

REGULATORY DOCKET FILE COPY

781640066

A002/s \*  
11

DUKE POWER COMPANY  
OCONEE UNIT 1

Report Number: RO-269/78-22

Report Date: September 28, 1978

Occurrence Date: September 14, 1978

Facility: Oconee Unit 1, Seneca, South Carolina

Identification of Occurrence: Core Flood Tank Level Instrument  
Out-of-Calibration

Condition Prior to Occurrence: Refueling Shutdown

Description of Occurrence:

During the performance of instrument procedure IP/0/A/0201/OIA (Core Flood Tank (CFT) Level Instrument Calibration), both level instruments for CFT 2A were calibrated. During a review of the data on September 15, 1978 it was determined that the instruments had been out of tolerance and below the limit in Specification 3.3.3. One indicated high by 0.18 feet and the other by 0.24 feet.

Cause of Occurrence:

There was no apparent cause of this occurrence. This has not been a recurring problem although a similar occurrence did occur on Unit 2 in January 1978. (RO-270/78-1)

Analysis of Occurrence:

The core flood system is one of three means designed to provide emergency core cooling (ECCS), the others being the high and low pressure injection systems. In the event of a postulated accident all of these systems would have operated to maintain the core covered and to cool the core. The combined volume of water in both core flood tanks was always above the minimum amount required. The health and safety of the public were not endangered.

Corrective Action:

Both channels of level instrumentation were calibrated.

## LICENSEE EVENT REPORT

EXHIBIT A

CONTROL BLOCK:                      ①

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

⑦ ⑧ ⑨ 0 1 | S C N E E 1 | 2 0 0 - 0 0 0 0 0 - 0 0 | 3 4 1 1 1 1 | 4 | 5  
7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60

CONT

⑦ ⑧ ⑨ 0 1 | L | 6 0 5 0 0 0 2 6 9 | 7 0 9 1 4 7 8 | 8 0 9 2 8 7 8 | 9  
7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES ⑩

⑦ ⑧ ⑨ 0 2 | During the performance of procedure IP/O/A/0201/1A, both channels level of  
⑦ ⑧ ⑨ 0 3 | instruments on CFT 2A were determined to be out of calibration in the  
⑦ ⑧ ⑨ 0 4 | non-conservative direction. One channel was indicating high by 0.18 feet,  
⑦ ⑧ ⑨ 0 5 | the other by 0.24 feet. Both instruments were calibrated and returned to  
⑦ ⑧ ⑨ 0 6 | service. No significant effect on the health and safety of the public.

⑦ ⑧ ⑨ 0 7 |

⑦ ⑧ ⑨ 0 8 |

⑦ ⑧ ⑨ 0 9 | I D | E | E | I N S T R U | T | Z  
7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60

⑦ ⑧ ⑨ 1 7 | 7 8 | 0 2 2 | 0 1 | T | 0  
7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS ⑳

⑦ ⑧ ⑨ 1 0 | There was no apparent cause of this occurrence. Both channels were recalib-  
⑦ ⑧ ⑨ 1 1 | rated.

⑦ ⑧ ⑨ 1 2 |

⑦ ⑧ ⑨ 1 3 |

⑦ ⑧ ⑨ 1 4 |

⑦ ⑧ ⑨ 1 5 | H | 0 0 0 | NA | Instrument Performance Test  
7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60

⑦ ⑧ ⑨ 1 6 | Z | Z | NA | NA  
7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60

⑦ ⑧ ⑨ 1 7 | 0 0 0 | Z | NA  
7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60

⑦ ⑧ ⑨ 1 8 | 0 0 0 | NA  
7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60

⑦ ⑧ ⑨ 1 9 | Z | NA  
7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60

⑦ ⑧ ⑨ 2 0 | N | NA  
7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60

NAME OF PREPARER K. R. WilsonPHONE: 704-373-8197