

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 7901120113 DOC. DATE: 79/01/05 NOTARIZED: NO
 FACIL: 50-287 OCONEE #3, DUKE POWER CO.
 AUTH. NAME: WILSON, K.R. AUTHOR AFFILIATION: DUKE POWER CO.
 RECIP. NAME: RECIP. AFFILIATION: **REG. 2, ATLANTA, OFF. OF THE DIRECTOR

DOCKET #
 05000287

SUBJECT: LER 78-021/03L-0 on 781208: RPS Channel A RC temp read low.
 Low reading would have prevented channel from tripping at
 required RC temp level. Caused by conditions in the
 penetration resulting from leakage of valve 3FDW-46.

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 TITLE: INCIDENT REPORTS

NOTES: M. Cunningham - ALL AMENDMENTS TO FSAR + changes to Tech Specs

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	19 I&C SYS BR	1	1	20 AD PLANT SYS	1	1
	21 AD SYS/PROJ	1	1	22 REAC SAFT BR	1	1
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	24 KREGER	1	1	25 PWR SYS BR	1	1
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DUKE POWER COMPANY
OCONEE UNIT 3

Report Number: RO-287/78-21

Report Date: January 5, 1978

Occurrence Date: December 8, 1978

Facility: Oconee Unit 3, Seneca, South Carolina

Identification of Occurrence: RPS Channel A, RC Temperature, Out-of-Calibration

Conditions Prior to Occurrence: 70% Full Power

Description of Occurrence:

At approximately 1600 on December 8, 1978, during routine instrument surveillance (PT/O/A/0600/01) the RC Temperature Indication on RPS Channel A was found to be reading low. The low reading could have prevented the channel from tripping on RC Temperature or RC Temperature/Pressure at the required setpoints. This, therefore, constituted operation in a degraded mode permitted by a limiting condition for operation (Technical Specification 3.5.1.1). The RPS Channel was bypassed until corrective action was completed. When the problem was corrected and the channel was verified to be operable it was returned to service.

Apparent Cause of Occurrence:

A hinge pin leak on 3FDW-46 caused humidity levels in the Penetration Room to be higher than normal. The drift in the RPS Channel apparently resulted from excessive water on the channels electrical equipment (e.g. terminal blocks, etc.). Once the condition was corrected the channel was verified to operate properly.

Analysis of Occurrence:

With one RPS Channel bypassed the remaining three redundant channels were operable and would have tripped on two-out-of-three logic as required by Technical Specification 3.5.1. Therefore a sufficient number of channels were operable and adequate redundancy was available, and no adverse effects on public health and safety resulted from this occurrence.

Corrective Action:

The channel was bypassed until the problem could be corrected. The spurious behavior was corrected by drying the equipment (terminal blocks, etc.) for the related channel. The unit was brought to cold shutdown until repairs on the leaking valve could be completed.

LICENSEE EVENT REPORT

EXHIBIT A

CONTROL BLOCK:										(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)									
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EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)																			
02		At approximately 1600 on December 8, 1978 it was observed that RPS Channel A																	
03		RC Temperature was reading low. The low reading would have prevented the																	
04		channel from tripping at required RC Temperature levels. The channel was																	
05		bypassed until the condition could be corrected with one channel bypassed																	
06		three redundant channels remained operable which is adequate to assure the																	
07		functional capability of the RPS. Thus, no adverse conditions resulted from																	
08		this occurrence.																	
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