

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 7905150548 DOC. DATE: 79/05/11 NOTARIZED: NO
 FACIL: 50-270 OCONEE NUCLEAR STATION, UNIT 2, DUKE POWER CO.
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 RECIP. NAME REGION 2, ATLANTA, OFFICE OF THE DIRECTOR

DOCKET # 05000270

SUBJECT: LER 79-002/03L-0 ON 790412: PRESSURIZER SAMPLE VALVE 2RC-6
 FAILED TO CLOSE ON ACTUATION SIGNAL FROM ES ANALOG CHANNEL 5
 DURING MONTHLY PERFORMANCE TEST. CAUSED BY EITHER TORQUE
 LIMIT SWITCH FAULT OR SLIGHT MECHANICAL BINDING OF VALVE.

DISTRIBUTION CODE: A002S COPIES RECEIVED: LTR 1 ENCL 1 SIZE: 2 + 1
 TITLE: INCIDENT REPORTS

NOTES: M CUNNINGHAM - All AMDTS TO FSAR + CHANGES TO TECH SPECS.

ACTION:	RECIPIENT	COPIES		RECIPIENT	COPIES	
	ID CODE/NAME	LTR	ENCL	ID CODE/NAME	LTR	ENCL
	05 BC ORB 4	4	4			
INTERNAL:	01 REG FILE	1	1	02 NRC PDR	1	1
	09 I&E	2	2	11 MPA	3	3
	14 TA/EDO	1	1	15 NOVAK/KNIEL	1	1
	16 EEB	1	1	17 AD FOR ENGR	1	1
	18 PLANT SYS BR	1	1	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	23 ENGR BR	1	1
	24 KREGER	1	1	25 PWR SYS BR	1	1
	26 AD/SITE ANAL	1	1	27 OPERA LIC BR	1	1
	28 ACCIDENT ANALYS	1	1	29 AUX SYS BR	1	1
	E JORDAN/IE	1	1			
EXTERNAL:	03 LPDR	1	1	04 NSIC	1	1
	29 ACRS	16	16			

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DUKE POWER COMPANY
OCONEE UNIT 2

Report Number: RO-270/79-2

Report Date: May 11, 1979

Occurrence Date: April 12, 1979

Facility: Oconee Unit 2, Seneca, South Carolina

Identification of Occurrence: Pressurizer Sample Valve, 2RC-6, Inoperable

Conditions Prior to Occurrence: 100% Full Power

Description of Occurrence:

At 1333 on April 12, 1979, during the performance of monthly test procedure IP/O/A/0310/12-C (Engineered Safeguards (ES) Surveillance Test), Pressurizer Sample Valve 2RC-6, a containment isolation valve, failed to close when activated by ES Analog Channel 5 (Reactor Building isolation). Failure of this valve to properly actuate constituted operation in a degraded mode permitted by Technical Specification 3.6.3.b.1 as long as the valve is restored to operable status within four hours. The valve was tested by bypassing the over-torque limit switches and measuring motor current to determine if binding was occurring. There was no observed binding and the valve closed normally. The valve was cycled several more times to verify operability and was declared operable at approximately 1530. The inoperability period was within the limits of Technical Specification 3.6.3.b.1.

Apparent Cause of Occurrence:

This incident was caused by either slight mechanical binding of the valve or an improperly set torque limit switch.

Analysis of Occurrence:

Failure of containment isolation valve 2RC-6 to close on ES actuation constituted operation in a degraded mode which is permitted by Technical Specification 3.6.3.b. The valve was returned to operable status within the four hour inoperable time period allowed. Additionally, the redundant isolation valve 2RC-7 was verified operable and would have provided containment isolation of the pressurizer sample line, if required. It is considered that this incident did not affect the health and safety of the public.

Corrective Action:

Immediate corrective active action consisted of verifying that no mechanical binding existed and that the valve was operable.

In addition, this valve's torque switches will be inspected to verify proper settings and to check for defects. The overall valve condition will also be inspected. This inspection will be completed as soon as possible.

