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FROM: Duke Power Company Charlotte, N. C. A. C. Thies			DATE OF DOC 6-7-74	DATE REC'D 6-10-74	LTR X	MEMO	RPT	OTHER
TO: A. Giambusso			ORIG 1 signed	CC	OTHER	SENT AEC PDR <u>XXX</u> SENT LOCAL PDR <u>XXX</u>		
CLASS	UNCLASS	PROP INFO	INPUT	NO CYS REC'D		DOCKET NO:		
	XXX			1		50-269		
DESCRIPTION: Ltr trans the following.... ** Denotes Letter Only PLANT NAME: OCONEE UNIT #1				ENCLOSURES: Unusual Event Rpt #UE 269/74-2 of 5-10-74 in which an excessive main steam stop valve closure time occurred ACKNOWLEDGED DO NOT REMOVE (1 cy encl rec'd)				

FOR ACTION/INFORMATION 6-11-74 GMC

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GIAMBUSSO	✓ PAWLICKI	SPANGLER	LEE (L)	MCDONALD
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✓ MOORE (L) (BWR)	✓ **STELLO	<u>ENVIRO</u>	REED (E)	<u>INFO</u>
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SKOVHOLT (L)	✓ NOVAK	DICKER	SHEPPARD (L)	✓ KLECKER
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DENISE	✓ **TEDESCO	REGAN	TEETS (L)	
✓ REG OPR	✓ LONG	PROJECT LDR	WADE (E)	✓ <u>AOR FILE</u>
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Sent to Lic Asst Goulbourne 6-11-74	1-B & M SWINEBROAD, Rm E-201 GT	

DUKE POWER COMPANY
POWER BUILDING
422 SOUTH CHURCH STREET, CHARLOTTE, N. C. 28201

A. C. THIES
SENIOR VICE PRESIDENT
PRODUCTION AND TRANSMISSION

P. O. Box 2178

June 7, 1974

Mr. Angelo Giambusso
Deputy Director for Reactor Projects
Directorate of Licensing
Office of Regulation
U. S. Atomic Energy Commission
Washington, D. C. 20545

Re: Oconee Unit 1
Docket No. 50-269

Dear Mr. Giambusso:

Pursuant to Sections 6.2 and 6.6.2 of the Oconee Nuclear Station
Technical Specifications, please find attached Unusual Event
Report UE 269/74-2.

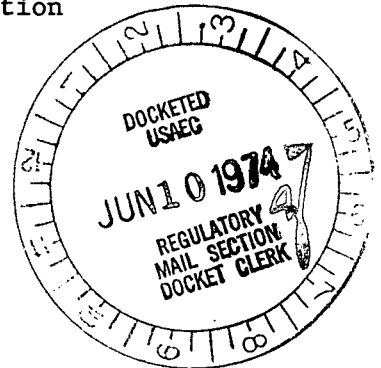
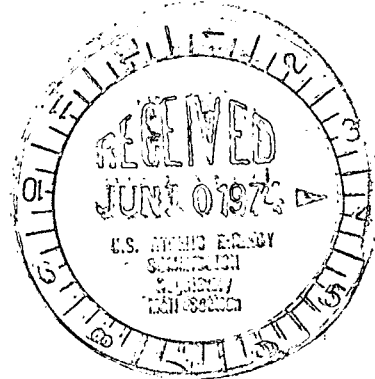
Very truly yours,



A. C. Thies

ACT:gje
Attachment

cc: Mr. Norman C. Moseley



REGULATORY DOCKET FILE COPY

5177

DUKE POWER COMPANY
OCONEE UNIT 1

Report No.: UE-269/74-2

Report Date: June 7, 1974

Event Date: May 10, 1974

Facility: Oconee Unit 1, Seneca, South Carolina

Identification of Event: Excessive main steam stop valve closure time

Conditions Prior to Event: Cold shutdown

Description of Event:

Oconee Technical Specification 4.8.1 requires that the operation of each of the main steam stop valves be tested to demonstrate a closure time of one second or less for Channel A and a closure time of 15 seconds or less for Channel B. Channel A closes the main steam stop valves by tripping the turbine through the electro-hydraulic control system normal trip circuitry. Channel B provides a redundant method of closing the stop valves by supplying closing current to solenoids which actuate stop valves nos. 1, 3, and 4. During normal operation, these solenoids are used only for valve testing. Stop valve 2 is servo-controlled for chest/shell warming and operated satisfactorily during the test.

On May 10, 1974, a periodic test was performed to measure stop valve closure time with the following results:

<u>Valve Number</u>	<u>Closure Time (Seconds)</u>
1	22.5
3	23.0
4	18.0
2	9.5

Designation of Apparent Cause of Event:

It was found that the slow closure time of the valves was due to orifices which had been installed in the drain ports of the valve operators. These orifices had been installed during startup testing of Unit 1 by vendor representatives to prevent the valves closing too fast during testing.

Analysis of Event:

Channel B actuation of the main steam stop valves provides a redundant method for valve closure. The normal trip circuitry (Channel A) was tested on May 28, 1974. All stop valves closed in less than 0.5 seconds. It is concluded that this incident did not affect the safe operation of the plant or the health and safety of the public.

Corrective Action:

The orifices were removed from the valve actuator drain ports controlled by the test solenoids for stop valves 1, 3, and 4. The valves were re-tested on May 28, 1974 with the following results:

<u>Valve Number</u>	<u>Closure Time (Seconds)</u>
1	7.5
3	7.3
4	6.5
2	8.5