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CONTROL NO: 6535

FILE: INCIDENT REPORT FILE

FROM: Duke Power Company Charlotte, N.C. 28201 A.C. Thies		DATE OF DOC 6-12-75	DATE REC'D 6-17-75	LTR XX	TWX	RPT	OTHER
TO: Mr. Norman C. Moseley		ORIG 1 signed	CC	OTHER	SENT AEC PDR SENT LOCAL PDR		XX XX
CLASS	UNCLASS XXX	PROP INFO	INPUT	NO CYS REC'D 1	DOCKET NO: 50-269		

DESCRIPTION: Ltr trans the following:

ENCLOSURES: Abnormal Occurrence AO-269/75-6
on 5-28-75 re reactor building high pressure
trip switch setpoints set improperly....

(1 Orig cy encl rec'd)

ACKNOWLEDGED

PLANT NAME: Oconee Unit 1

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FOR ACTION/INFORMATION

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

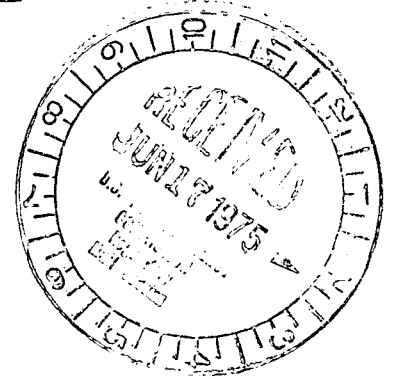
A. C. THIES
SENIOR VICE PRESIDENT
PRODUCTION AND TRANSMISSION

P. O. Box 2178

June 12, 1975

Regulatory Docket File

Mr. Norman C. Moseley, Director
U. S. Nuclear Regulatory Commission
Suite 818
230 Peachtree Street, Northwest
Atlanta, Georgia 30303



Re: Oconee Unit 1
Docket No. 50-269

Dear Mr. Moseley:

Pursuant to Sections 6.2 and 6.6.2 of the Oconee Nuclear Station
Technical Specifications, please find attached Abnormal Occurrence
Report AO-269/75-6.

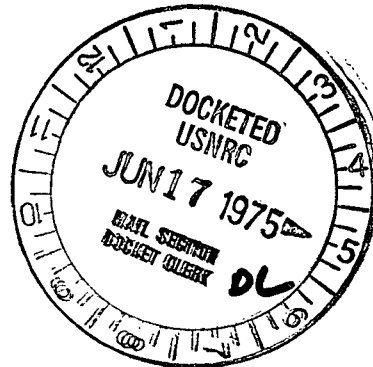
Very truly yours,

A handwritten signature in cursive script, appearing to read "A. C. Thies".

A. C. Thies

ACT:vr
Attachment

cc: Mr. Angelo Giambusso



6535

DUKE POWER COMPANY
OCONEE UNIT 1

6-12-75

Report No.: AO-269/75-6Report Date: June 12, 1975Occurrence Date: May 28, 1975Facility: Oconee Unit 1, Seneca, South CarolinaIdentification of Occurrence: Reactor Building high pressure trip switch setpoints set improperlyConditions Prior to Occurrence: Unit at power operationDescription of Occurrence:

During a May 28, 1975 audit by NRC/OIE, it was determined that several Reactor Protective System (RPS) Reactor Building (RB) high pressure trip switch setpoints had exceeded the 4.0 psi limit specified in the Technical Specifications. The following is a listing of those switches which did not conform to the Technical Specification limit:

<u>Unit 1</u>	<u>Unit 2</u>	<u>Unit 3</u>
Channel A, 4.04 psi	Channel B, 4.05 psi	Channel A, 4.02 psi
Channel C, 4.04 psi	Channel C, 4.10 psi	

Designation of Apparent Cause of Occurrence:

The pressure switches were originally set to $4.0 \pm .1$ psi in accordance with instrument procedures IP/O/A/0305/5A, B, C, and D. On June 6, 1973, the Reactor Protective System (RPS) setpoints were reduced a certain amount to allow for instrument tolerance and drift to prevent exceeding limits in Technical Specifications. The RPS Reactor Building pressure switches were inadvertently omitted from this recalibration.

Analysis of Occurrence:

The Reactor Protective System requires two-out-of-four channels to cause a reactor trip. In this instance, at least two of the four Reactor Building high pressure switches, for each unit, were set at or below 4.0 psi and would have functioned properly in the event of a loss of coolant accident, even in the absence of a low Reactor Coolant System pressure trip. The pressure switches in this incident were only marginally above the limit, and considering the design conservatism of this system, would also have functioned to satisfactorily limit the consequences of a postulated loss of coolant accident. It is considered that the health and safety of the public was not affected by this incident.

Corrective Action:

Instrument procedures IP/O/A/0305/5A, B, C, and D were revised to require the high Reactor Building pressure setpoint to be set at 3.8 psi to allow for instrument tolerances and drift without exceeding the Technical Specification limit. All switches have been reset to this value.

JUN 15 11 07 AM '75
REGULATORY OPERATIONS
REGIONAL OFFICE
ATLANTA, GA
U.S. E.P.A.

Telegram to N. C. Moseley from Duke Power Company dated June 2, 1975.

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PMS NORMAN C MOSELEY, DIRECTOR US NUCLEAR REGULATORY COMMISSION
SUITE 818 230 PEACHTREE ST NORTHWEST

ATLA 30303

OCONEE NUCLEAR STATION APPENDIX B, TECHNICAL SPECIFICATION
1.2A, BORON CONCENTRATION IN KEOWEE RIVER WATER, EXCEEDED
0.2 PPM ON MAY 30, 1975. DEATAIL VERBALLY GIVEN TO MR. T. N.
EPPS. WRITTEN REPORT TO FOLLOW BY 6/6/75.

A C THIES SENIOR VICE PRESIDENT, PRODUCTION AND TRANSMISSION
DUKE POWER CO

NNNN

June 2 75
of 306 of material