

50-270

NRC DISTRIBUTION FOR PART 50 DOCKET MATERIAL

FILE NUMBER
INCIDENT REPORT

TO: N.C. MOSELEY

FROM: DUKE POWER CO.
CHARLOTTE, N.C.
W.O. PARKER, JR.

DATE OF DOCUMENT

8-5-76

DATE RECEIVED

8-16-76

☒ LETTER☐ NOTORIZED

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DESCRIPTION

LTR. TRANS THE FOLLOWING.....

ENCLOSURE

REPORTABLE OCCURRENCE # 76-7, on 7-6-76, CONCERN-
ING FAILURE OF REACTOR PROTECTIVE SYSTEM CHANNEL
"B" TO TRIP ON HIGH PRESSURE SETPOINT DURING STA-
RTUP.....

(1 SIGNED CY. RECEIVED)

(2 PAGES)

ACKNOWLEDGED
DO NOT REMOVE

PLANT NAME: OCONEE # 2

NOTE: IF PERSONNEL EXPOSURE IS INVOLVED
SEND DIRECTLY TO KREGER/J. COLLINS

FOR ACTION/INFORMATION

SAB 8-19-76

☒ BRANCH CHIEF:

SCHWENCER

W/3 CYS FOR ACTION

☒ LIC. ASST.:

SHEPPARD

W/ CYS

☒ ACRS 16 CYS ~~HOLDING~~ SENT TO LA

INTERNAL DISTRIBUTION

☒ REG-FILE☒ NRC-PDR☒ I & E (2)☒ MIPC☒ SCHROEDER/IPPOLITO☒ HOUSTON☒ NOVAK/CHECK☒ GRIMES☒ CASE☒ BUTLER☒ HANAUER☒ TEDESCO/MACCARY☒ EISENHUT☒ BAER☒ SHAO☒ VOLLMER/BUNCH☒ KREGER/J. COLLINS

EXTERNAL DISTRIBUTION

CONTROL NUMBER

☒ LPDR: WALHALLA, S.C.☒ TIC:☒ NSIC:T
8317

DUKE POWER COMPANY

POWER BUILDING

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

Regulatory

File Cy.

WILLIAM O. PARKER, JR.
VICE PRESIDENT
STEAM PRODUCTION

TELEPHONE: AREA 704
373-4083

August 5, 1976

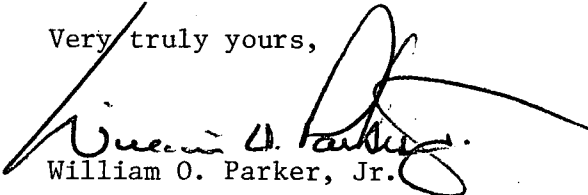
Mr. Norman C. Moseley, Director
U. S. Nuclear Regulatory Commission
Suite 818
230 Peachtree Street, Northwest
Atlanta, Georgia 30303

Re: Oconee Unit 2
Docket No. 50-270

Dear Mr. Moseley:

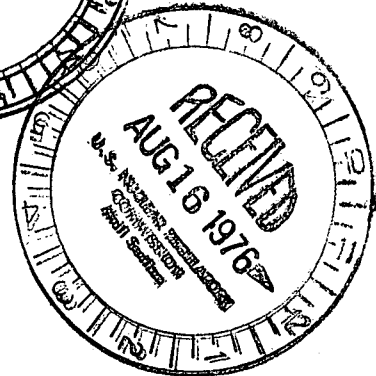
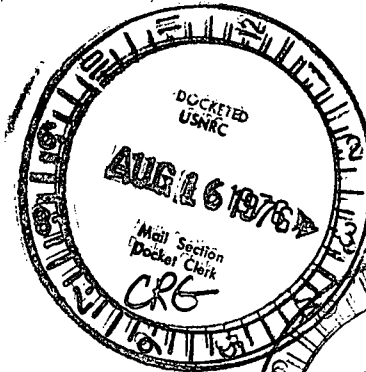
Pursuant to Sections 6.2 and 6.6.2 of the Oconee Nuclear Station
Technical Specifications, please find attached Reportable Occurrence
Report RO-270/76-7.

Very truly yours,


William O. Parker, Jr.

EDB:vr
Attachment

cc: Director, Office of Management Information
and Program Control



8317

DUKE POWER COMPANY
OCONEE UNIT 2

Report No.: RO-270/76-7

Report Date: August 5, 1976

Occurrence Date: July 6, 1976

Facility: Oconee Unit 2, Seneca, South Carolina

Identification of Occurrence: Failure of Reactor Protective System Channel "B" to trip on high pressure setpoint during startup

Conditions Prior to Occurrence: Startup in progress

Description of Occurrence:

On July 6, 1976, during the startup of Oconee Unit 2, Reactor Protective System (RPS) Channel "B" failed to trip as required when the reactor coolant pressure reached 1720 psig. This is the high pressure setpoint when the RPS is in the shutdown bypass mode during startup or shutdown. The other three channels of the RPS did function properly.

Apparent Cause of Occurrence:

Investigation revealed that the instrument root valve for the RPS Channel "B" pressure transmitter had been inadvertently left closed. This resulted in isolation of the pressure transmitter which prevented the channel from tripping when the 1720 psig setpoint was reached. The valve had been left open as required following calibration of the pressure transmitter on May 2, 1976, but had been closed at some subsequent time before the unit startup was initiated.

Analysis of Occurrence:

Although RPS Channel "B" failed to trip as required in the shutdown bypass mode, the other three RPS channels tripped when the 1720 psig setpoint was reached. The Reactor Protective System utilizes a two-out-of-four redundant logic, and would have been disabled only if two other channels were inoperable. It is concluded that this occurrence did not impair the operability of the Reactor Protective System, and therefore, the health and safety of the public was not affected.

Corrective Action:

Station procedures are currently being revised to assure that, following refueling outages, instrumentation is checked for proper operation prior to unit heatup; and to assure that, following the performance of maintenance, instrument valves are returned to their pre-maintenance position. These revisions will be completed by August 15, 1976. It is felt that these measures will prevent further recurrences of this type.

38 MC
45 Dec

U.S. AIR FORCE
REGULATORY OPERATIONS
REGION II
ATLANTA, GA.

AUG 6 10 19 AM '76

TO: DIRECTOR, AIR FORCE
FROM: SAC, ATLANTA
SUBJECT: [Illegible]
[The following text is extremely faint and largely illegible due to scan quality. It appears to be a memorandum or report detailing an investigation or operational matter.]