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FILE: INCIDENT REPORT FILE

FROM: Duke Power Company Charlotte, N C A C Thies		DATE OF DOC 6-3-75	DATE REC'D 6-11-75	LTR XX	TWX	RPT	OTHER
TO: Mr. Norman Moseley		ORIG 1 signed	CC	OTHER	SENT AEC PDR XXXXX		SENT LOCAL PDR XXXX
CLASS	UNCLASS XXXX	PROP INFO	INPUT	NO CYS REC'D 1	DOCKET NO: 50-287		

DESCRIPTION: Ltr trans the following:

ACKNOWLEDGED

DO NOT REMOVE

PLANT NAME: Oconee Unit 3

ENCLOSURES: Unusual Event Report No. UE-287/75-6 on 4-30-75, Source range nuclear instrumentation inoperable...

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FOR ACTION/INFORMATION wtm 6-12-75

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DUKE POWER COMPANY

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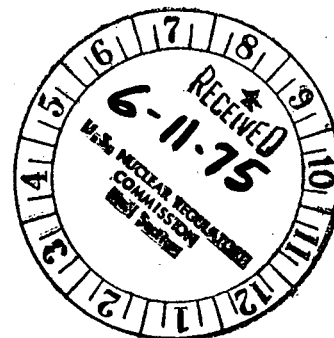
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Regulatory Docket File

A. C. THIES
SENIOR VICE PRESIDENT
PRODUCTION AND TRANSMISSION

P. O. Box 2178

June 3, 1975



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

Re: Oconee Unit 3
Docket No. 50-287

Dear Mr. Moseley:

Pursuant to Sections 6.2 and 6.6.2 of the Oconee Nuclear Station
Technical Specifications, please find attached Unusual Event Report
UE-287/75-6.

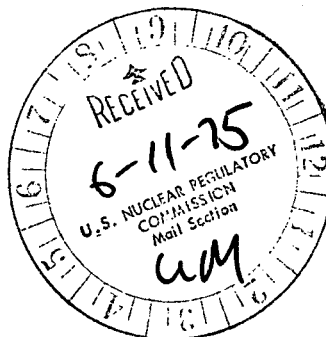
Very truly yours,

A handwritten signature in cursive script that reads "A. C. Thies".

A. C. Thies

ACT:vr
Attachment

cc: Mr. Angelo Giambusso



6153

DUKE POWER COMPANY
OCONEE UNIT 3

Report No.: UE-287/75-6

Report Date: June 3, 1975

Event Date: April 30, 1975

Facility: Oconee Unit 3, Seneca, South Carolina

Identification of Event: Source range nuclear instrumentation inoperable

Conditions Prior to Event: Reactor trip

Description of Event:

On April 30, 1975, during the performance of the Oconee Unit 3 loss of electrical load test, a reactor trip occurred. During the ensuing shutdown, the source range nuclear instrumentation channels did not come on scale to maintain overlap between the source and intermediate range nuclear instrumentation channels. Source range channel NI-1 had been inoperable since April 28, 1975 due to the failure of the preamplifier. Source range channel NI-2 was determined to have had a deenergized high voltage power supply. Source range channel NI-2 was immediately restored to operable status and indicated a normal neutron level.

Designation of Apparent Cause of Event:

During the repair of source range channel NI-1, comparison measurements between the high voltage power supplies of the two channels were performed. In the course of these measurements, the power supply to channel NI-2 was turned on and off several times. The apparent cause of this event was the failure to ensure that the power supply switch for source range channel NI-2 was left in the "On" position after testing had been completed.

Analysis of Event:

The source range nuclear instrumentation channels were inoperable for a period of 35 minutes during and after a reactor trip. Technical Specification 3.5.1 requires the source range channel to be operable during refueling, startup, and when the reactor is critical with power level not greater than 10 percent full power. None of these modes were in progress when NI-2 was inoperable. The source range channels have no trip functions; however, the startup rod withdrawal inhibit would not have functioned had a high startup rate been present. In this instance, however, a shutdown rather than a startup was in progress. In addition, the intermediate range channels also have a startup rate rod withdrawal inhibit associated with them and this would have prevented a high startup rate. It is concluded that the health and safety of the public was not affected.

Corrective Action:

The immediate corrective action was to return NI-2 to an operable status. NI-1 was also returned to an operable status on May 8, 1975. This incident has been reviewed with the individuals involved and with the entire Instrument Group.

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U.S.A.E.C.
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