

AEC DISTRIBUTION FOR PART 50 DOCKET MATERIAL
(TEMPORARY FORM)

CONTROL NO: 12607

FILE: INCIDENT REPORT

FROM: Duke Power Company Charlotte, N.C. 28201 A.C. Thies		DATE OF DOC 12-4-74	DATE REC'D 12-14-74	LTR X	TWX	RPT	OTHER
TO: Mr. Norman C. Moseley		ORIG	CC 1	OTHER	SENT AEC PDR <u>XX</u> SENT LOCAL PDR <u>XX</u>		
CLASS	UNCLASS XXX	PROP INFO	INPUT	NO CYS REC'D 1	DOCKET NO: 50-287		

DESCRIPTION: Ltr trans the following:

ENCLOSURES: Abnormal Occurrence AO-50-287/
74-10 on 11-19-74 involving static inverter
manual selector switch.....

~~Do Not Remove~~

ACKNOWLEDGED

(1 cy encl rec'd)

PLANT NAME: Oconee Unit 3

FOR ACTION/INFORMATION

DHL 12-16-74

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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

Regulatory

File Cy

December 4, 1974



Mr. Norman C. Moseley, Director
Directorate of Regulatory Operations
U. S. Atomic Energy Commission
Region II - Suite 818
230 Peachtree Street, Northwest
Atlanta, Georgia 30303

Re: Oconee Unit 3
Docket No. 50-287

Dear Mr. Moseley:

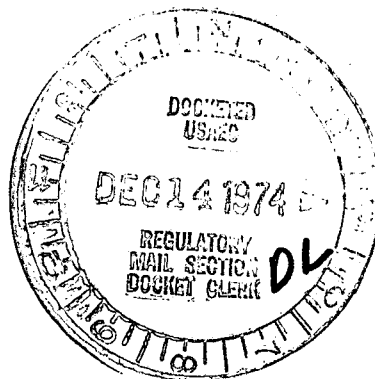
Pursuant to Sections 6.2 and 6.6.2 of the Oconee Nuclear Station
Technical Specifications, please find attached Abnormal Occurrence
Report A0-287/74-10.

Very truly yours,

A. C. Thies

ACT:vr
Attachment

cc: Mr. Angelo Giambusso



12607

DUKE POWER COMPANY
OCONEE UNIT 3

Report No.: AO-287/74-10

Report Date: December 4, 1974

Received v/l/r Dated 12-4-74

Occurrence Date: November 19, 1974

Facility: Oconee Unit 3, Seneca, South Carolina

Identification of Occurrence: AC vital instrumentation bus energized from improper source

Conditions Prior to Occurrence: Unit at 75 percent full power

Description of Occurrence:

On November 19, 1974, as a result of the incident reported in Abnormal Occurrence Report AO-270/74-18, an inspection of Oconee Unit 3 static inverters was conducted. The 3DID static inverter manual selector switch was discovered in the "Regulated AC" position rather than the normal "Inverter" position. Thus, one of the four AC vital panelboards was being energized from the regulated AC bus rather than through the battery, diode, static inverter string as intended in Technical Specification 3.7.1. The inverter selector switch was immediately returned to the "Inverter" position to supply the AC vital panelboard from the inverter.

Designation of Apparent Cause of Occurrence:

Operations personnel felt that it was not necessary that the inverter supply the vital panelboard because Technical Specification 3.7.1 does not specifically state that the inverters be operable and supplying the AC vital panelboards. All other components in the electrical string from the batteries to the AC vital panelboards are specifically identified in the Technical Specifications and the operating procedures.

Analysis of Occurrence:

The function of the 3DID inverter was replaced by use of the regulated AC source to supply the 3KVID AC vital panelboard. The regulated AC source is from a non-load shed circuit and the inverter loads would have been temporarily deenergized, until the emergency power source was energized, had a loss of all Unit 3 AC power occurred while the inverter was bypassed. In the event the bus had been deenergized, the RPS Channel D would have been deenergized and given a tripped indication. This would place the remaining RPS channels in a one-out-of-three logic state necessary for a trip. This is a more conservative mode of operation for the Reactor Protective System. It is concluded that the health and safety of the public was not affected.

Corrective Action:

The interpretation of Technical Specification 3.7.1 has been reviewed with operating personnel. The Normal Power Lineup Electrical Checklist OP/1107/02 for each Oconee unit has been revised to specify that all four AC vital instrumentation panelboards be supplied from their respective inverters prior to exceeding 200^oF. This procedure is followed at the beginning of each unit startup.