

**AEC DISTRIBUTION FOR PART 50 DOCKET MATERIAL**  
(TEMPORARY FORM)

CONTROL NO: 12307

FILE: \_\_\_\_\_

FROM: Duke Power Company Charlotte, N.C. A.C.Thies		DATE OF DOC 11-29-74	DATE REC'D 12-5-74	LTR xxx	TWX	RPT	OTHER
TO: Mr. Norman C. Moseley		ORIG 1-signed	CC	OTHER	SENT AEC PDR <u>xxxxxxx</u> SENT LOCAL PDR <u>xxxxxxx</u>		
CLASS	UNCLASS xxxxxxx	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:

Abnormal Occurrence #74-9 on 11-14-74 concerning Personnel Hatch gasket failure.....

FOR ACTION/INFORMATION

12-10-74 JGB

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INTERNAL DISTRIBUTION

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<input checked="" type="checkbox"/> LOGC, ROOM P-506A	<input checked="" type="checkbox"/> MACCARY	GAMMILL	GEARIN (L)	SALTZMAN
<input checked="" type="checkbox"/> MUNTZING/STAFF	<input checked="" type="checkbox"/> KNIGHT	<input checked="" type="checkbox"/> KASTNER	GOULBOURNE (L)	B. HURT
<input checked="" type="checkbox"/> CASE	<input checked="" type="checkbox"/> PAWLICKI	BALLARD	KREUTZER (E)	PLANS
GIAMBUSO	<input checked="" type="checkbox"/> SHAO	SPANGLER	LEE (L)	MCDONALD
BOYD	<input checked="" type="checkbox"/> STELLO	ENVIRO	MAIGRET (L)	CHAPMAN
MOORE (L) (BWR)	<input checked="" type="checkbox"/> HOUSTON	MULLER	REED (E)	DUBE w/input
DEYOUNG (L) (PWR)	<input checked="" type="checkbox"/> NOVAK	DICKER	SERVICE (L)	E. COUPE
SKOVHOLT (L)	<input checked="" type="checkbox"/> ROSS	KNIGHTON	<input checked="" type="checkbox"/> SHEPPARD (L)	<input checked="" type="checkbox"/> D. THOMPSON (2)
GOLLER (L)	<input checked="" type="checkbox"/> PPOLITO	YOUNGBLOOD	SLATER (E)	<input checked="" type="checkbox"/> BLECKER
P. COLLINS	<input checked="" type="checkbox"/> TEDESCO	REGAN	SMITH (L)	<input checked="" type="checkbox"/> EISENHUT
DENISE	<input checked="" type="checkbox"/> LONG	PROJECT LDR	TEETS (L)	
<input checked="" type="checkbox"/> REG OPR	<input checked="" type="checkbox"/> LAINAS	HARLESS	WILLIAMS (E)	
<input checked="" type="checkbox"/> FILE & REGION (2)	<input checked="" type="checkbox"/> BENAROYA		WILSON (L)	
<input checked="" type="checkbox"/> MORRIS	<input checked="" type="checkbox"/> VOLIMER			
<input checked="" type="checkbox"/> STEELE				

EXTERNAL DISTRIBUTION

*AD JG*

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Rm B-127 GT
- 1 - R. D. MUELLER, Rm E-201  
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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

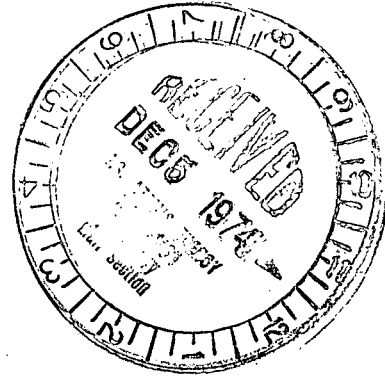
P. O. Box 2178

Regulatory

File Cy.

November 29, 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 AO-287/74-9.

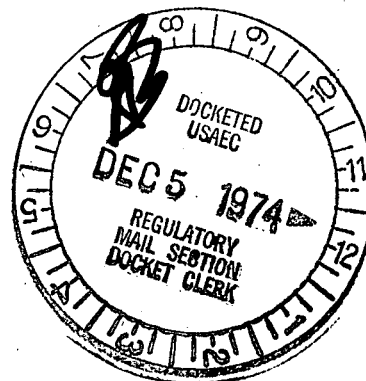
Very truly yours,

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

A. C. Thies

ACT:gje  
Attachment

cc: Mr. Angelo Giambusso



12307

Duke Power Company  
Oconee Unit 3

Report No: AO-287/74-9

Report Date: November 29, 1974

Occurrence Date: November 14, 1974

Facility: Oconee Unit 3, Seneca, South Carolina

Identification of Occurrence: Personnel hatch gasket failure

Conditions Prior to Occurrence: Unit at 40 percent full power.

Description of Occurrence:

The personnel hatch leak rate test was performed on Oconee Unit 3 on November 14, 1974. In the performance of the test, a strongback is installed on the outside of the inner door as the test pressure, introduced between the doors of the hatch, tends to unseat the inner door. The outer door seats with pressure. At an indicated pressure of 61 psig, a loud noise was heard within the hatch and the pressure began to decrease indicating an inner door gasket failure.

Maintenance personnel transitted the outer door, closed it, and made repairs to the inner door gasket. Oconee Technical Specification 3.6.4 allows continued operation during maintenance of the personnel or emergency hatches; however, it specifies that the remaining door of the affected hatch shall be closed and sealed. This was not possible due to the presence of the strongback on the inner door.

Designation of Apparent Cause of Occurrence:

The failure of the inner door gasket was caused by the knife edge of the door being off center of the gasket. The door hinge was shimmed to correct the door alignment.

Personnel responsible for this test improperly interpreted Technical Specification 3.6.4. Since the Specification allows provisions for replacing failed gaskets while the unit is at power, it was assumed that momentary personnel passage through the outer door was permissible. Repair of the gasket, and certification testing is not otherwise possible.

Analysis of Occurrence:

The personnel hatch is designed to provide containment integrity when required. Each door is mounted to seal with Reactor Building pressure. The personnel hatch leak rate test introduces pressure between the doors which seats the outer door and tends to unseat the inner door. The misalignment of the inner door allowed the gasket to shift under pressure. In all likelihood, pressure from the Reactor Building side would have sealed the inner door.

Containment integrity was maintained using the outer door of the hatch except for the short period of time necessary for personnel passage. The probability of the need for containment integrity during the short passage time through the personnel hatch is considered negligible. It is concluded that the health and safety of the public was not affected.

Corrective Action:

The personnel hatch inner door has been repaired and the hatch has successfully completed the requirements for the leak rate test. Personnel have been made aware of the proper interpretation of Technical Specification 3.6.4.