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(TEMPORARY FORM)

CONTROL NO: 11656

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

FROM: Duke Power Co Charlotte, NC A C Thies		DATE OF DOC 11-12-74	DATE REC'D 11-14-74	LTR XXXX	TWX	RPT	OTHER
TO: Mr Moseley		ORIG none signed	CC	OTHER	SENT AEC PDR <u>XX</u> SENT LOCAL PDR <u>XX</u>		
CLASS	UNCLASS XXXXXX	PROP INFO	INPUT	NO CYS REC'D 1	DOCKET NO: 50-287		

DESCRIPTION:

Ltr trans the following:

ENCLOSURES:

Abnormal Occurrence #74-6 on 10-29-74 concerning low pressure injection system sample line failure.....

**DO NOT REMOVE**

PLANT NAME: Ocone 3

FOR ACTION INFORMATION 11-26-74 ehf

BUTLER (L)	SCHWENCER (L)	ZIEMANN (L)	REGAN (E)
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W/ Copies	W/ Copies	W/ Copies	W/ Copies
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INTERNAL DISTRIBUTION

<del>REG FILE</del>	TECH REVIEW	DENTON	LIC ASST	A/T IND
<del>AEC PDR</del>	<del>SCHROEDER</del>	GRIMES		BRAITMAN
<del>EGC, ROOM P-503A</del>	<del>ACCARY</del>	GAMMILL	DIGGS (L)	SALTZMAN
<del>MUNTZING/STAFF</del>	<del>NIGHT</del>	KASTNER	GEARIN (L)	B. HURT
<del>CASE</del>	<del>AWLICKI</del>	BALLARD	GOULBOURNE (L)	
GIAMBUSSO	<del>SHAO</del>	SPANGLER	KREUTZER (E)	PLANS
BOYD	<del>ELLO</del>	ENVIRO	LEE (L)	MCDONALD
MOORE (L) (BWR)	<del>USTON</del>	MULLER	MAIGRET (L)	CHAPMAN
DEYOUNG (L) (PWR)	<del>OVAK</del>	DICKER	REED (E)	DUBE w/input
SKOVHOLT (L)	<del>ROSS</del>	KNIGHTON	SERVICE (L)	E. COUPE
GOLLER (L)	<del>IPOLITO</del>	YOUNGBLOOD	<del>SHEPPARD (L)</del>	<del>THOMPSON (2)</del>
P. COLLINS	<del>EDESCO</del>	REGAN	SLATER (E)	<del>LECKER</del>
DENISE	<del>ONG</del>	PROJECT LDR	SMITH (L)	<del>EISENHUT</del>
<del>REG OPR</del>	<del>AINAS</del>		TEETS (L)	
FILE & REGION (3)	<del>ENAROYA</del>		WILLIAMS (E)	
MORRIS	<del>VOLIMER</del>	HARLESS	WILSON (L)	
<del>STEELE</del>				

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1 - Newton Anderson	1 - CONSULTANTS	Rm B-127 GT
<del>ACRS HOLDING</del>	NEW MARK BLUMENFELD	1 - R. D. MUELLER, Rm E-201
Sent to Lic Asst. <i>Sheppard</i>		GT

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

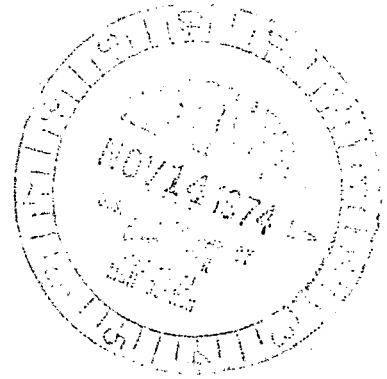
A. C. THIES  
SENIOR VICE PRESIDENT  
PRODUCTION AND TRANSMISSION

P. O. Box 2178

November 12, 1974

REGULATORY DOCKET FILE COPY

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-287/74-6.

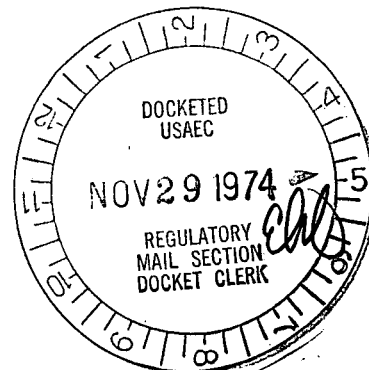
Very truly yours,

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

A. C. Thies

ACT:vr  
Attachment

cc: Mr. Angelo Giambusso



11650

DUKE POWER COMPANY  
OCONEE UNIT 3

Report No.: AO-287/74-6

Report Date: November 12, 1974

Occurrence Date: October 29, 1974

Facility: Oconee Unit 3, Seneca, South Carolina

Identification of Occurrence: Low Pressure Injection System Sample Line  
Failure

Conditions Prior to Occurrence: Unit in Cold Shutdown

Description of Occurrence:

On October 29, 1974, an Oconee Unit 3 utility operator discovered a leak in the Low Pressure Injection System piping in the decay heat removal room. The leak was from a common sample line for the A and B low pressure injection discharge headers. The isolation valve for the operating A header, 3LP-38, was closed while the isolation valve 3LP-39 for the idle header was open because sampling was in progress. Valve 3LP-39 was closed to isolate the B header and stop the leakage. Approximately 40 gallons of water had gravity drained from the B discharge header.

Designation of Apparent Cause of Occurrence:

The leak occurred approximately two inches from the A header isolation valve. The piping, 3/8 inch stainless steel, appears to have failed due to vibration of the low pressure injection discharge header.

Analysis of Occurrence:

Oconee Unit 3 was in a cold shutdown condition with the A Low Pressure Injection (LPI) System operating in the decay heat removal mode. The leak in the sample line did not affect operation of the operating LPI train and was isolable from the idle train. The small size of the piping involved would not have affected the decay heat removal operation nor operation of the system in the unlikely event of an Engineered Safeguards actuation. This sample line is normally isolated except when sampling is in progress. It is concluded that this occurrence did not affect the health and safety of the public.

Corrective Action:

The sample line has been repaired and a coil added to absorb vibrational stress. A design evaluation is underway to determine the best solution for eliminating vibratory problems in the LPI System during operation in the decay heat removal mode.