

AEC DISTRIBUTION FOR PART 50 DOCKET MATERIAL  
(TEMPORARY FORM)

CONTROL NO: 11611

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

|                                                        |                            |                        |                        |                   |                        |     |                          |
|--------------------------------------------------------|----------------------------|------------------------|------------------------|-------------------|------------------------|-----|--------------------------|
| FROM: Duke Power Company<br>Charlotte, NC<br>A C Thies |                            | DATE OF DOC<br>11-8-74 | DATE REC'D<br>11-13-74 | LTR               | TWX                    | RPT | OTHER<br>Facsimile       |
| TO: Mr. Moseley                                        |                            | ORIG<br>none signed    | CC                     | OTHER             | SENT AEC PDR <u>XX</u> |     | SENT LOCAL PDR <u>XX</u> |
| CLASS                                                  | UNCLASS<br><u>EXXXXXXX</u> | PROP INFO              | INPUT                  | NO CYS REC'D<br>1 | DOCKET NO:<br>50-287   |     |                          |

DESCRIPTION:

Ltr trans the following:

ENCLOSURES:

Abnormal Occurrence #74-3 on 10-5-74 concerning failure of valve 3CS-5.....

PLANT NAME: Oconee 3

**DO NOT REMOVE**

FOR ACTION INFORMATION 11-26-74 ehf

|                         |                            |                             |                        |
|-------------------------|----------------------------|-----------------------------|------------------------|
| BUTLER (L)<br>W/ Copies | SCHWENGER (L)<br>W/ Copies | ZIEMANN (L)<br>W/ Copies    | REGAN (E)<br>W/ Copies |
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| KNIEL (L)<br>W/ Copies  | PURPLE (L)<br>W/ Copies    | YOUNGBLOOD (E)<br>W/ Copies | W/ Copies              |

INTERNAL DISTRIBUTION

|                                  |                      |                    |                |                         |
|----------------------------------|----------------------|--------------------|----------------|-------------------------|
| <del>REG FILE</del>              | TECH REVIEW          | DENTON             | LIC ASST       | A/T IND                 |
| <del>AEC PDR</del>               | <del>SCHROEDER</del> | GRINES             | DIGGS (L)      | BRITMAN                 |
| <del>CGC, ROOM P-506A</del>      | <del>ACCARY</del>    | GAMMILL            | GEARIN (L)     | SALTZMAN                |
| <del>MUNTZING STAFF</del>        | <del>NIGHT</del>     | <del>KASTNER</del> | GOULBOURNE (L) | B. HURT                 |
| <del>CASE</del>                  | <del>AWLICKI</del>   | BALLARD            | KREUTZER (E)   | PLANS                   |
| GIANBUSSO                        | <del>SHAO</del>      | SPANGLER           | LEE (L)        | MCDONALD                |
| BOYD                             | <del>STELLO</del>    | ENVIRO             | MAIGRET (L)    | CHAPMAN                 |
| MOORE (L) (BWR)                  | <del>HOUSTON</del>   | MULLER             | REED (E)       | DUBE w/ input           |
| DEYOUNG (L) (PWR)                | <del>OVAK</del>      | DICKER             | SERVICE (L)    | E. COUPE                |
| SKOVHOLT (L)                     | <del>KROSS</del>     | KNIGHTON           | SHEPPARD (L)   |                         |
| GOLLER (L)                       | <del>APPOLITO</del>  | YOUNGBLOOD         | SLATER (E)     | <del>THOMPSON (2)</del> |
| P. COLLINS                       | <del>TEDESCO</del>   | REGAN              | SMITH (L)      | <del>LECKER</del>       |
| DENISE                           | <del>CONG</del>      | PROJECT LDR        | TEETS (L)      | <del>EISENHUT</del>     |
| <del>REG OPB</del>               | <del>AINAS</del>     | HARLESS            | WILLIAMS (E)   |                         |
| <del>FILE &amp; REGION (3)</del> | <del>ENAROYA</del>   |                    | WILSON (L)     |                         |
| <del>MORRIS</del>                | <del>VOLINER</del>   |                    |                |                         |
| <del>STEELE</del>                |                      |                    |                |                         |

EXTERNAL DISTRIBUTION

- |                                   |                                   |                             |
|-----------------------------------|-----------------------------------|-----------------------------|
| ✓ LOCAL PDR <i>Walhalla, S.C.</i> | 1 - NATIONAL LABS                 | 1 - PDR SAN LARY            |
| ✓ TIC (ABERNATHY) (1)(2)(10)      | 1 - ASLD (E W 520, Rm 520)        | 1 - BROOKHAVEN NAT LAB      |
| ✓ NSIC (BUCHANAN)                 | 1 - W. PENNINGTON, Rm E-201 GT    | 1 - G. ULRIKSON, ORNL       |
| 1 - ASLB                          | 1 - B&M SWINERD ROAD, Rm E-201 GT | 1 - AGMED (RUTH GUSMAN)     |
| 1 - Newton Anderson               | 1 - CONSULTANTS                   | Rm B-127 GT                 |
| ✓ 15 - ACRS HOLDING               | NEWARK, BLUE AGGASIAN             | 1 - R. D. MUELLER, Rm E-201 |
| Sent to Lic Asst. <i>Sheppard</i> |                                   | GT                          |

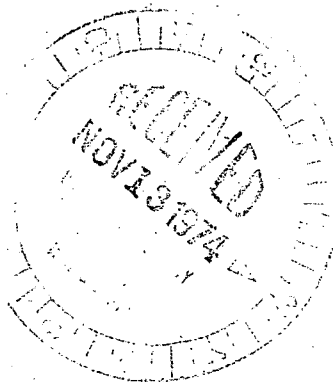
DUKE POWER COMPANY  
POWER BUILDING  
422 SOUTH CHURCH STREET, CHARLOTTE, N. C. 28201

A. C. THIES  
SENIOR VICE PRESIDENT  
PRODUCTION AND TRANSMISSION

P. O. Box 2178

November 8, 1974

Regulatory Docket File



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 UE-287/74-3.

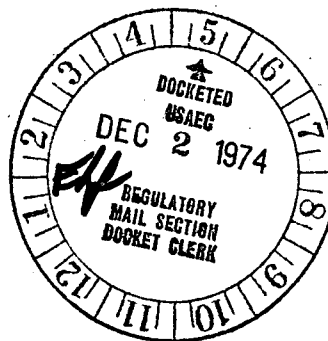
Very truly yours,

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

A. C. Thies

ACT:vr  
Attachment

cc: Mr. Angelo Giambusso



11611

DUKE POWER COMPANY  
OCONEE UNIT 3

Report No.: UE-287/74-3

Report Date: November 8, 1974

Event Date: October 5, 1974

Facility: Oconee Unit 3, Seneca, South Carolina

Identification of Event: Failure of Valve 3CS-5

Conditions Prior to Event: Unit in Cold Shutdown

Description of Event:

On October 5, 1974, containment isolation valve 3CS-5, which allows recirculation of the quench tank, was tested following maintenance action several days before. The valve failed to close when the test was initiated from the Engineered Safeguards Panel (RZ module) which simulates an Engineered Safeguards signal.

Designation of Apparent Cause of Event:

A maintenance technician checked wire terminations at valve 3CS-5 and the motor control center. All connections were tightened and relay contacts cleaned. The valve was successfully operated 10 times following this maintenance action. The apparent cause of the failure of 3CS-5 to close is assumed to have been a loose wire termination or dirty contact.

Analysis of Event:

Since the reactor was in a cold shutdown condition during this time period, containment integrity was not required. Valve 3CS-5 is a normally closed valve which is opened to allow recirculation of quench tank water through the quench tank cooler. Redundant containment isolation valve 3CS-6 was operable during this time and would have maintained containment integrity in the unlikely event it had been necessary. The failure of this valve occurred while performing a requalification test on the valve following maintenance action. The requalification test operates the valve 10 times initially and once a day for 10 additional days to restore confidence in a valve following maintenance action. This incident did not affect the health and safety of the public.

Corrective Action:

A preventative maintenance program is being established for the Engineered Safeguards System which will prevent future occurrences of this nature. Wire terminations will be tightened and electrical contacts cleaned on a periodic basis. Due to the scope of this program, an estimate of the completion date of this maintenance program has not been established.