

50-287

NRC DISTRIBUTION FOR PART 50 DOCKET MATERIAL

FILE NUMBER  
INCIDENT REPORT

TO:  
  
Mr. Norman C. Moseley

FROM:  
Duke Power Company  
Charlotte, North Carolina  
Mr. William O. Parker, Jr.

DATE OF DOCUMENT  
9/21/76

DATE RECEIVED  
10/19/76

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DESCRIPTION

Ltr. trans the following:

(1-P)

PLANT NAME:  
Oconee Unit 3

ENCLOSURE

Licensee Event Report (RO 50-287/76-13) on 8/22/76 concerning Feedwater Penetration Valve 3FDW-108 being inoperable.

**ACKNOWLEDGED**

(1-P) **DO NOT REMOVE**

NOTE: IF PERSONNEL EXPOSURE IS INVOLVED SEND DIRECTLY TO KREGER/J. COLLINS

FOR ACTION/INFORMATION 10/22/76

RJL

BRANCH CHIEF: Schwencer  
W/3 CYS FOR ACTION

LIC. ASST.: Sheppard  
W/ 1 CYS  
ACRS/6 CYS HOLDING/SENT TO LA

INTERNAL DISTRIBUTION

REG FILE

NRC PDR

I & E (2)

MIPC

SCHROEDER/IPPOLITO

HOUSTON

NOVAK/CHECK

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TEDESCO/MACCARY

EISENHUT

BAER

SHAO

VOLLMER/BUNCH

KREGER/J. COLLINS

EXTERNAL DISTRIBUTION

LPDR: Walhalla, S.C.

TIC:

NSIC:

CONTROL NUMBER

10606 *w*

# DUKE POWER COMPANY

POWER BUILDING

422 SOUTH CHURCH STREET, CHARLOTTE, N. C. 28242

WILLIAM O. PARKER, JR.  
VICE PRESIDENT  
STEAM PRODUCTION

TELEPHONE: AREA 704  
373-4083

September 21, 1976



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 Reportable Occurrence  
Report 50-287/76-13.

Very truly yours,

*William O. Parker, Jr.*  
 William O. Parker, Jr.

LJB:vr  
Attachment

cc: Director, Office of Management Information  
and Program Control

DUKE POWER COMPANY  
OCONEE UNIT 1

Report No.: 50-287/76-13

Report Date: September 21, 1976

Occurrence Date: August 22, 1976

Facility: Oconee Unit 3, Seneca, South Carolina

Identification of Occurrence: Feedwater penetration valve 3FDW-108 inoperable

Conditions Prior to Occurrence: Unit at 100 percent full power

Description of Occurrence:

On August 22, 1976, following chemical sampling of the "3B" once-through steam generator, a feedwater penetration valve, 3FDW-108, failed to close under system pressure. This valve, located outside the Reactor Building, is part of the chemical sampling system and provides containment isolation following an ES actuation. The redundant isolation valve, 3FDW-107, located inside the Reactor Building, was closed and locked as required by Oconee Technical Specification 3.6.4.b.2.

Apparent Cause of Occurrence:

This occurrence apparently resulted from the mechanical failure of the solenoid and spring of the 3FDW-108 air operator. This malfunction prevented the valve from closing when subjected to system pressure.

Analysis of Occurrence:

Valve 3FDW-108 was properly isolated in compliance with Technical Specification 3.6.4.b.2 by securing redundant valve 3FDW-107 in the closed position. In the event that containment isolation had been required prior to securing valve 3FDW-107, valve 3FDW-107 would have closed upon an ES actuation. Containment integrity was not affected by this incident and it is, thus, concluded that the health and safety of the public were not affected.

Corrective Action:

Valve 3FDW-108 will be repaired by replacing the solenoid and spring in the air operator prior to Oconee 3 startup following the current refueling outage.

SEP 24 9 49 AM '76

U.S. F.E.C.  
REGULATORY OPERATIONS  
REGION III  
ATLANTA, GA.