

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)  
DISTRIBUTION FOR INCOMING MATERIAL 50-287

REC: OREILLY J P  
NRC

ORG: PARKER W O  
DUKE PWR

DOC DATE: 02/23/78  
DATE RCVD: 02/27.78

DOCTYPE: LETTER NOTARIZED: NO  
SUBJECT:

COPIES RECEIVED  
LTR 1 ENCL 1

LICENSEE EVENT REPT (RO 50-287/78-3) ON 02/02/78 CONCERNING DURING  
PERFORMANCE TEST 3PR-9 (ISOLATION VALVE ON RIA AND HYDROGEN PURGE  
RETURN LINE) FAILED TO ASSUME ITS ES POSITION (CLOSED).

PLANT NAME: OCONEE - UNIT 3

REVIEWER INITIAL: XJM  
DISTRIBUTOR INITIAL:

\*\*\*\*\* DISTRIBUTION OF THIS MATERIAL IS AS FOLLOWS \*\*\*\*\*

NOTES:

- 1. M. CUNNINGHAM - ALL AMENDMENTS TO FSAR AND CHANGES TO TECH SPECS

INCIDENT REPORTS  
(DISTRIBUTION CODE A002)

FOR ACTION: BR ~~CHIFF~~ ~~REPR~~ \*\*W/4 ENCL

INTERNAL:

REG FILE\*\*W/ENCL  
~~T. S. E\*\*W/2 ENCL~~  
SCHROEDER/IPPOLITO\*\*W/ENCL  
NOVAK/CHECK\*\*W/ENCL  
KNIGHT\*\*W/ENCL  
HANAUER\*\*W/ENCL  
EISENHUT\*\*W/ENCL  
SHAO\*\*W/ENCL  
KREGER/J. COLLINS\*\*W/ENCL  
K SEYFRIT/IE\*\*W/ENCL

NRC PDR\*\*W/ENCL  
MIPC\*\*W/3 ENCL  
HOUSTON\*\*W/ENCL  
GRIMES\*\*W/ENCL  
BUTLER\*\*W/ENCL  
TEDESCO\*\*W/ENCL  
BAER\*\*W/ENCL  
VOLLMER/BUNCH\*\*W/ENCL  
ROSA\*\*W/ENCL

EXTERNAL:

LPDR'S  
WALHALLA, SC\*\*W/ENCL  
TIC\*\*W/ENCL  
NSIC\*\*W/ENCL  
ACRS CAT B\*\*W/16 ENCL

COPIES NOT SUBMITTED PER  
REGULATORY GUIDE 10.1

DISTRIBUTION: LTR 45 ENCL 45  
SIZE: 1P+1P+1P

CONTROL NBR: 780590023

\*\*\*\*\* THE END \*\*\*\*\*

DUKE POWER COMPANY  
POWER BUILDING  
422 SOUTH CHURCH STREET, CHARLOTTE, N. C. 28242

REGULATORY DOCKET FILE COPY

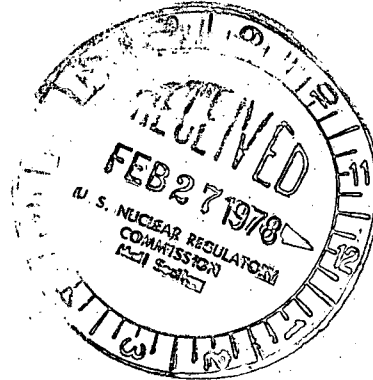
WILLIAM O. PARKER, JR.  
VICE PRESIDENT  
STEAM PRODUCTION

TELEPHONE: AREA 704  
373-4083

February 23, 1978

Mr. James P. O'Reilly, Director  
U. S. Nuclear Regulatory Commission  
Suite 1217  
230 Peachtree Street, Northwest  
Atlanta, GA 30303

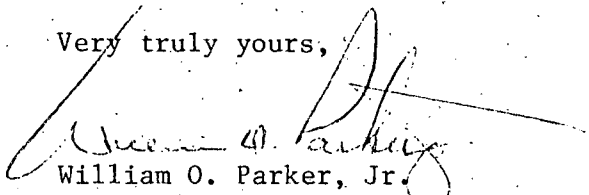
RE: Oconee Unit 3  
Docket No. 50-287



Dear Mr. O'Reilly:

Pursuant to Sections 6.2 and 6.6.2 of the Oconee Nuclear Station Technical Specifications, please find attached Reportable Occurrence Report RO-287/78-3.

Very truly yours,

  
William O. Parker, Jr.

KRW/rpc

Attachment

cc: Director, Office of Management Information  
and Program Control

780590023

A002  
S  
1/1

DUKE POWER COMPANY  
OCONEE UNIT 3

Report Number: RO-287/78-3

Report Date: February 23, 1978

Occurrence Date: February 2, 1978

Facility: Oconee Unit 3, Seneca, South Carolina

Identification of Occurrence: 3PR-9, Containment Isolation Valve Failure

Conditions Prior to Occurrence: 100 Percent Full Power

Description of Occurrence:

At 1100 on February 2, 1978, during the performance of PT/31A/0150/15A (Containment Isolation Valve Functional Test), isolation valve 3PR-9 on the return lines for RIA-47, -48, -49, and the Hydrogen Purge System, failed to close. The other ES valve on the line, 3PR-10, was secured and locked shut at 1415, within the time limit authorized by Specification 3.6.3.b.2. Valve 3PR-9 was repaired, tested, and declared operable at 0921 on February 3. The associated radiation monitors, which were taken out of service by the closure of 3PR-10, were then returned to operation within the 48 hour repair time authorized by Specification 3.1.6.8.

Apparent Cause of Occurrence:

The apparent cause of the incident was the electrical failure of the valve's torque switch. When the switch was replaced and adjusted, the valve operated properly.

Analysis of Occurrence:

Radiation monitors RIA-47, -48, and -49 are allowed to be inoperable for up to 48 hours as long as the two other primary leak detection methods, reactor building sump level change and reactor constant inventory monitors, are available. The backup valve, 3PR-10, was closed within 4 hours, assuring containment integrity. Therefore, the health and safety of the public were not endangered by this incident.

Corrective Action:

The valve's torque switch was replaced.

