

B 04/17/78

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)
DISTRIBUTION FOR INCOMING MATERIAL

50-269/270/287

REC: CASE E G
NRC

ORG: PARKER W D
DUKE PWR

DOC DATE: 04/11/78
DATE RCVD: 04/17/78

DOCTYPE: LETTER NOTARIZED: NO
SUBJECT:

COPIES RECEIVED
LTR 1 ENCL 1

FORWARDING REQUEST PURSUANT TO 10 CFR 50.55A FOR RELIEF FROM THE CURRENT
INSERVICE TESTING PROCEDURES REQUIRED FOLLOWING VALVE REPLACEMENT.

PLANT NAME: OCONEE - UNIT 1
OCONEE - UNIT 2
OCONEE - UNIT 3

REVIEWER INITIAL: XJM
DISTRIBUTER INITIAL: *me*

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

NOTES:

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

GENERAL DISTRIBUTION FOR AFTER ISSUANCE OF OPERATING LICENSE.
(DISTRIBUTION CODE A001)

FOR ACTION: BR CHIEF RETEN**W/7 ENCL

INTERNAL:

REG FILE**W/ENCL
I & E**W/2 ENCL
HANAUER**W/ENCL
EISENHUT**W/ENCL
BAER**W/ENCL
EEB**W/ENCL
J. MCGOUGH**W/ENCL

NRC PDR**W/ENCL
OELD**LTR ONLY
CHECK**W/ENCL
SHAO**W/ENCL
BUTLER**W/ENCL
J COLLINS**W/ENCL

EXTERNAL:

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

DISTRIBUTION: LTR 40 ENCL 39
SIZE: 1P+1P

CONTROL NBR: 781070039

THE END

9

DUKE POWER COMPANY

POWER BUILDING

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

WILLIAM O. PARKER, JR.
VICE PRESIDENT
STEAM PRODUCTION

April 11, 1978

TELEPHONE: AREA 704
373-4083

Mr. Edson G. Case, Acting Director
Office of Nuclear Reactor Regulation
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Attention: Mr. R. Reid, Chief
Operating Reactors Branch #4

Reference: Oconee Nuclear Station
Docket Nos. 50-269, -270, -287

Dear Sir:

Pursuant to 10 CFR 50.55a, please find attached a request for relief from the current Inservice Testing Procedures required following valve replacement. Your prompt response to this is requested.

Very truly yours,

William O. Parker, Jr.
By *ms*

William O. Parker, Jr.

RLG:ge

Attachment

REGULATORY DOCKET FILE COPY

781070039

A001
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OCONEE NUCLEAR STATION
UNITS 1,2,3

INSERVICE INSPECTION PROGRAM
REQUEST FOR RELIEF

SYSTEM: Low Pressure Injection System

VALVES: LP-12, -14

CATEGORY: B

CLASS: 2

FUNCTION: Decay Heat Removal Coolers, Outlet Control Valves

EXAMINATION REQUIREMENT: Hydrostatic test of 125% of design pressure
after valve replacement

BASIS FOR RELIEF:

The decay heat removal coolers are located upstream of these valves (LP-12, -14). The piping between the coolers and the valves is designed for 350 psig at 300°F. The valves are not leak tight, having design leakage of 0.5%, and being normally used to control flow, not for isolation purposes. The piping downstream of the valves is designed for 505 psig at 250°F. Upon replacement of these valves, the welded joints were required to be hydrostatically tested to 125% of design pressure. The piping downstream of the valves would be tested to an above normal operating pressure and, with leakage through the valves, the lesser designed piping as well as the coolers could become overpressurized and possibly damaged. Venting of the upstream piping to relieve the pressure buildup could create significant amounts of high activity waste and prevent satisfactory completion of the hydrostatic test.

ALTERNATE EXAMINATION:

Hydrostatically test the valve to 100% of design pressure on upstream and downstream sides and conduct radiography of 100% of the valve joint welds.