

NRC DISTRIBUTION FOR PART 50 DOCKET MATERIAL

TO: Mr. E. Case

FROM: Duke Power Co.
Charlotte, NC 28242
W. O. Parker

DATE OF DOCUMENT

7-18-77

DATE RECEIVED

7-20-77

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1 SIGNED

DESCRIPTION Ltr notarized 7-18-77 trans the
following: 3PENCLOSURE Lic. No. DPR-39,47 & 55 Appl for Amend
tech specs proposed change concerning revised
& addl pages to Fire Protection System....
(1 cy encl rec'd) 9P**DO NOT REMOVE****ACKNOWLEDGED**

PLANT NAME: Oconee Units 1-2-3

DHL 7-21-77

SAFETY

FOR ACTION/INFORMATION

ENVIRONMENTAL

ASSIGNED AD:

BRANCH CHIEF:

PROJECT MANAGER:

LICENSING ASSESTANT:

ASSIGNED AD: V. MOORE (LTR)

BRANCH CHIEF:

PROJECT MANAGER:

LICENSING ASSISTANT:

B. HARLESS

INTERNAL DISTRIBUTION

REG FILES

ENR-PDR

T & E (2)

OELD

GOSSICK & STAFF

HANAUER

MTPC

CASE

ROYD

SYSTEMS SAFETY

HEINEMAN

SCHROEDER

ENGINEERING

KNIGHT

BOSNAK

SIHWELL

PAWLICKI

PLANT SYSTEMS

TEDESCO

BENAROYA

LAINAS

IPPOLITO

F. ROSA

OPERATING REACTORS

STELLO

EISENHUT

SHAO

BAER

BUTLER

GRIMES

SITE SAFETY &

ENVIRON ANALYSIS

DENTON & MULLER

CRUTCHFIELD

ENVIRO TECH.

ERNST

BALLARD

YOUNGBLOOD

SITE TECH.

GAMMILL (2)

SITE ANALYSIS

VOLLMER

BUNCH

J. COLLINS

KREGER

EXTERNAL DISTRIBUTION

CONTROL NUMBER

LPDR: Waltham SC

TIC

NAT LAB

REG IV (J. HANCHETT)

16 CYS ACRS SENT CATEGORY

NSIC

772020036

DUKE POWER COMPANY

POWER BUILDING

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

WILLIAM O. PARKER, JR.
VICE PRESIDENT
STEAM PRODUCTION

July 18, 1977

TELEPHONE: AREA 704
373-4083

Regulatory

File 97

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

Attention: Mr. A. Schwencer, Chief
Operating Reactors Branch No. 1

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



Dear Sir:

Our letter of March 1, 1977, transmitted revisions to the Oconee Nuclear Station Technical Specifications concerning the present Fire Protection System. These revisions were proposed as requested by your letters of September 28, 1976 and December 1, 1976. By your letter dated June 17, 1977, revised sample Technical Specifications were provided and an update of our proposed Technical Specifications on the Fire Protection System based on this sample was requested.

In response to this letter and pursuant to the provisions of 10CFR50.90, the attached Technical Specification revisions are requested in lieu of our March 1, 1977 submittal. It is considered that these specifications will provide assurance of the proper operation of the Oconee Nuclear Station Fire Protection System while permitting the necessary flexibility of station operation. Deviations of these proposed Technical Specifications from the sample Technical Specifications provided by your June 17, 1977 letter are noted in the following discussion.

The fire detection instrumentation at Oconee Nuclear Station does not provide for channel calibration while installed. The instrumentation is calibrated by the manufacturer prior to installation. Periodic testing assures that the detectors remain sensitive to smoke. Inoperable detectors will be replaced or repaired.

Water is supplied to the two high pressure service water (HPSW) pumps from the Condenser Circulating Water System piping. Intake for this water is through the twelve pumps located at the intake structure on Lake Keowee. Even if power is lost to the CCW pumps, the system can continue to function as a syphon and water would be available to the fire protection system. In view of the more than adequate clean water supply from Lake Keowee feeding directly to the Fire Suppression Water System, Technical Specification requirements for separate water supplies, system flush and verification of water supply volume are considered unnecessary.

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Mr. Edson G. Case, Acting Director
Office of Nuclear Reactor Regulation
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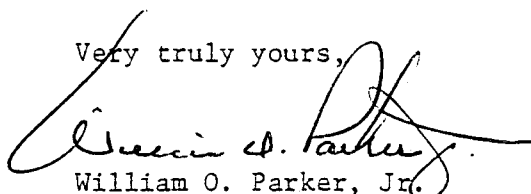
Present NFPA requirements to assure that sectionalizing control or isolation valves in the Fire Protection System are operable include a weekly inspection of these valves. The inspection verifies that valves are in their proper position, are sealed adequately, are in good operative condition, turn easily, do not leak, and are readily accessible. Fire Protection System valves will be tested to these standards. It is felt that this weekly inspection is adequate to assure that these valves are properly aligned and operable, and therefore, these valves will continue to be tested weekly in lieu of the sample Technical Specifications 4.7.11.1.c and 4.7.11.2.a.

The sprinkler systems in safety related areas at Oconee Nuclear Station are presently tested yearly by actuating the system and verifying water flow through the sprinkler heads. It is felt that this method of testing is superior to a test using air to verify that no blockage exists as stated in sample Technical Specification 4.7.11.2.c. Therefore, this system will continue to be tested utilizing a "wet test".

Monthly verification of the operability of each fire hose station will consist of a thorough visual inspection. Fire hose stations do not have individual standpipe pressure indicators.

Performance of a local leakage test for penetration fire barriers that perform a pressure sealing function is not possible due to the inaccessibility of penetrations and the inability to establish a functional sealed test area around penetrations. Penetration fire barriers that perform a pressure sealing function are located only in the penetration room. A yearly test to verify a slight negative pressure in the penetration room is already performed. It is felt that this test and the thorough visual inspection of fire penetrations barriers after maintenance or modifications will adequately assure the integrity of these barriers.

Very truly yours,



William O. Parker, Jr.

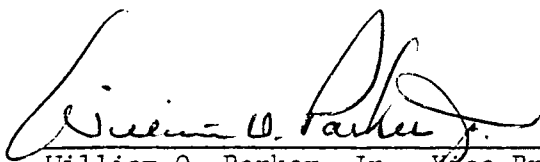
LBJ:rr

Attachment

July 18, 1977


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WILLIAM O. PARKER, JR., being duly sworn, states that he is Vice President of Duke Power Company; that he is authorized on the part of said Company to sign and file with the Nuclear Regulatory Commission this request for amendment of the Oconee Nuclear Station Facility Operating Licenses DPR-38, DPR-47, and DPR-55; and that all statements and matters set forth therein are true and correct to the best of his knowledge.



William O. Parker, Jr., Vice President

Subscribed and sworn to before me this 18th day of July, 1977.



Notary Public

My Commission Expires:

Feb. 15, 1982