

50-287

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TO: Mr Rusche

FROM: Duke Power Company
Charlotte, NC
W O Parker Jr

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4-15-76

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DESCRIPTION

Ltr notarized 3-15-76....trans the follow:

ENCLOSURE

Amdt to OL/Change to Tech Specs: Consisting of revisions to limiting conditions during cycle #1 to assure the possibility of further degradation of surveillance holder tubes can be detected & corrective action taken.....

(40 cys encl rec'd)

ACKNOWLEDGED

DO NOT REMOVE

PLANT NAME:

Oconee #3

SAFETY

FOR ACTION/INFORMATION

ENVIRO 4-26-76 ehf

ASSIGNED AD :

ASSIGNED AD :

BRANCH CHIEF :

Purple (5)

BRANCH CHIEF :

PROJECT MANAGER:

Zech

PROJECT MANAGER :

LIC. ASST. :

Sheppard

LIC. ASST. :

INTERNAL DISTRIBUTION

REG FILE

SYSTEMS SAFETY

PLANT SYSTEMS

ENVIRO TECH

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J. COLLINS

PETERSON

CHECK

GRIMES

KREGER

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AT & I

SITE SAFETY & ENVIRO

HELTEMES

SALTZMAN

ANALYSIS

SKOVHOLT

RUTBERG

DENTON & MULLER

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REG. V-IE

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NSIC

LA PDR

ASLB

CONSULTANTS

ACRS 16 HOLDING/SENT

TO LA Sheppard

4056

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

April 15, 1976

Mr. Benard C. Rusche
Director of Nuclear Reactor Regulation
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

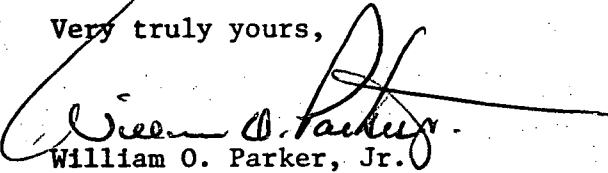
Re: Oconee Unit 3
Docket No. 50-287

Dear Mr. Rusche:

My letters dated March 22, 1976 and April 12, 1976 described an inspection of the Oconee 3 reactor vessel material surveillance specimen holder tubes. Repairs have been made to these tubes, and analyses have been performed which demonstrate the acceptability of these tubes for continued operation for the duration of Cycle 1 with the surveillance capsules removed.

Pursuant to the provisions of 10 CFR 50 §50.90, the attached revisions to the Oconee Nuclear Station Technical Specifications are requested. These specifications provide limiting conditions for operation for Oconee 3, Cycle 1 to assure that the possibility of further degradation of the surveillance holder tubes is minimized and to assure that, in the unlikely event of such an occurrence, a failed surveillance holder tube can be detected and corrective action taken.

Very truly yours,


William O. Parker, Jr.

MST:mmb

Attachment



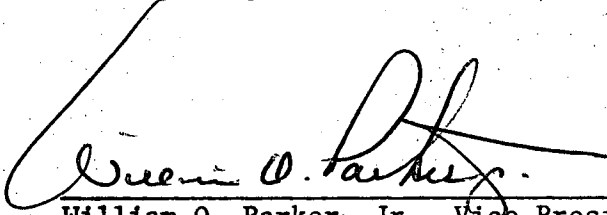
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Mr. Benard C. Rusche

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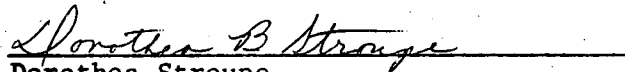
April 15, 1976

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 Technical Specifications, Appendix A to 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

ATTEST



Dorothea Stroupe
Dorothea Stroupe
Assistant Secretary

Subscribed and sworn to before me this 15th day of April 1976.



Edna B. Farmer
Notary Public

My Commission Expires:

October 24, 1977

3.17 ADDITIONAL OPERATING RESTRICTIONS FOR OCONEE 3, CYCLE 1

Applicability

Applies to the operation of Oconee 3, Cycle 1 and is deleted after September 1, 1976.

Objective

To provide assurance that the operation of Oconee 3, Cycle 1 is in such a manner as to minimize the stress in degraded reactor vessel surveillance specimen holder tubes and to assure the capability to detect and respond to the possible failure of the holder tubes.

Specification

- 3.17.1 The Loose Parts Monitoring System shall have as a minimum two channels on the reactor vessel head service structure and one channel on the incore guide tubes operable when any reactor coolant pumps are operating.
- 3.17.2 a. Any abnormal indication on the Loose Parts Monitoring System shall be promptly investigated and an evaluation performed considering such factors as the duration of indication, intensity of the indication, location of the indication and comparability of the indication to previously observed/reference indications. Based on this evaluation, a determination shall be made as to whether or not continued operation is acceptable.
- b. The results of the evaluations performed pursuant to 3.17.2.a shall be reported by telephone to NRC/OIE within 24 hours.
- 3.17.3 A Reactor Coolant System gross gamma analysis shall be performed daily. If Reactor Coolant System gross gamma activity exceeds 1.0 microcurie per milliliter whenever reactor coolant pumps are operating, a gross alpha analysis will be initiated within four hours and continued on a daily basis until gross gamma activity is less than 1.0 microcuries per milliliter. The Reactor Coolant System gross alpha concentration shall not exceed 5×10^{-5} microcuries per milliliter.
- 3.17.4 With the exception of startup and shutdown, operation is restricted to four reactor coolant pumps.
- 3.17.5 Operation of Oconee 3, Cycle 1 shall be permitted only until September 1, 1976.
- 3.17.6 If the conditions of Specifications 3.17.1, 3.17.3 or 3.17.4 are not met, or if an evaluation performed pursuant to Specification 3.17.2.a indicates that a loose parts monitor indication is the result of a failed reactor vessel surveillance tube, a reactor shutdown shall be initiated immediately and within 36 hours the reactor shall be in a condition in which no reactor coolant pumps are operating.

Bases

An inspection of the Oconee 3 reactor vessel material surveillance holder tubes has been performed and some degradation of the holder tubes has been observed. Repairs have been made to these holder tubes and analyses have been performed to demonstrate the acceptability of the holder tubes for continued operation for the duration of Cycle 1 with the reactor vessel material surveillance specimens removed.

A restriction for operation with four reactor coolant pumps and a time restriction for Cycle 1 operation provide assurance that further degradation of the surveillance holder tubes will not occur.

The minimum specified channels of the Loose Parts Monitoring System and increased reactor coolant system activity measurements will assure the capability to rapidly detect a failed surveillance holder tube. Should such a failure occur, provisions have been made for a subsequent orderly reactor shutdown.