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 FACIL: 50-269 Oconee Nuclear Station, Unit 1, Duke Power Co. 05000269
 50-270 Oconee Nuclear Station, Unit 2, Duke Power Co. 05000270
 AUTH. NAME: PARKER, W.O. AUTHOR AFFILIATION: Duke Power Co.
 RECIP. NAME: REID, R.W. RECIPIENT AFFILIATION: Operating Reactors Branch 4.
 DENTON, H.R. Office of Nuclear Reactor Regulation

SUBJECT: Notices of proposed Tech Spec change for expansion of storage capacity by installation of rack modules utilizing boron absorbing matl to allow closer spacing of spent fuel assemblies. Description of racks, fee & affidavit encl.

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DUKE POWER COMPANY

POWER BUILDING

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

WILLIAM O. PARKER, JR.
VICE PRESIDENT
STEAM PRODUCTION

February 15, 1980

TELEPHONE: AREA 704
373-4083

Mr. Harold R. Denton, Director
Office of Nuclear Reactor Regulation
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Attention: Mr. R. W. Reid, Chief
Operating Reactors Branch No. 4

Re: Oconee Nuclear Station
Units 1 and 2
Docket Nos. 50-269 or -270

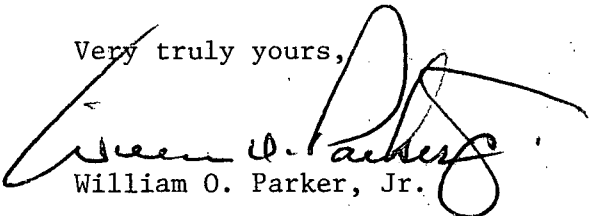
Dear Sir:

This letter is provided to notify the Staff our intent to submit, pursuant to 10CFR 50, §50.90, a proposed change to the Oconee Nuclear Station Technical Specifications. The proposed change will involve expansion of the storage capacity of the Oconee Unit 1, 2 Spent Fuel Pool by installation of rack modules utilizing a boron absorbing material thereby allowing closer spacing of spent fuel assemblies in storage. A general description of the racks is attached. Duke Power will submit, by mid-March, the specific proposed changes to the Technical Specifications, and by June 1, 1980, a report detailing the design and analysis in support of this modification.

The proposed change to the Technical Specifications will involve, (a) increased capacity; (b) increased maximum allowed fuel enrichment; and (c) modified limitation of fuel stored in the area adjoining the cask handling area.

This is considered to be an action of which "has an acceptability clearly identified in an NRC position" (e.g. NUREG-0575). Therefore, please find attached a check for \$4,400 pursuant to 10CFR 170, §170.22.

Very truly yours,


William O. Parker, Jr.

KRW:scs

Attachments

8002220 155

A001
S
-/-
w/check
\$ 4,400.00

ATTACHMENT 1
UNIT 1, 2 SPENT FUEL POOL POISON RERACK
GENERAL INFORMATION*

No. of Spaces Provided: 1312 (750 Currently)

Maximum Enrichment Stored: 4.3 w/o (3.5 Currently)

Loss of FCR: 10/86 (9/82 Currently)

Full Pool Date: 9/87 (1/83 Currently)

Racks:

Designer/Fabricator: Westinghouse

Poison Description: Racks contain a $0.020 \text{ g/cm}^2 \text{ B}^{10}$ loading utilizing Boraflex (B_4C maintained in an elastomeric polymer) in an unsealed fixed configuration. The material is similar to that utilized in the Point Beach reracking (Amendments 35 and 41 to FOL Nos. DPR-24 and 27 dated April 4, 1979).

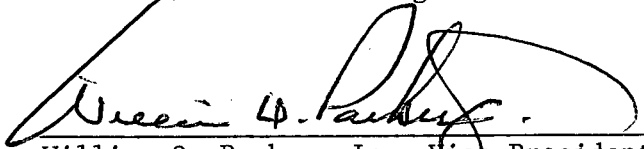
Rack Description: Racks are stainless steel cans (approximately $8 \frac{1}{2}$ " square) arranged in modules similar to those used in the recent non-poison re-racking of the Oconee 1, 2 pool. The modules are completely free standing units which will not be braced off or affixed to the pool walls or floor in any way.

Installation: The rack modules will be installed in a fuel-shuffle and replace-module pattern somewhat similar to that used in the recent reracking. Modules will not be transported over stored fuel during the installation process and a minimum separation, yet to be determined, will be maintained between divers and stored fuel to promote ALARA dose commitments.

*The information provided is to develop a general understanding of the proposed action. As the design progresses specific numbers may change or be refined. A complete description of the racks, etc. will be provided with the circa June 1, 1980 submittal.


Mr. Harold R. Denton, Director
February 15, 1980
Page Two

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 notification of intent to submit a request to amend the Oconee Nuclear Station Technical Specifications, Appendix A to Facility Operating Licenses DPR 38, and DPR-47; 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 15th day of February, 1980.


Notary Public

My Commission Expires:

September 20, 1984