

U 07/10/78

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DOCTYPE: LETTER NOTARIZED: YES
SUBJECT:

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LTR 3 ENCL 40

FORWARDING LIC NOS DPR-39, 47 & 55 APPL FOR AMEND: TECH SPEC PROPOSED CHANGE
REQUESTING INDEMNITY AGREEMENT NO. B-44, CONCERNING EXCHANGE OF FOUR FUEL
ASSEMBLIES SEVENTEEN FLORIDA PWR CORP'S CRYSTAL RIVER 3 (DOCKET 302) AND
OOONEE... NOTARIZED 07/06/78... W/ LIC FEES

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

REVIEWER INITIAL: XJM
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NOTES:

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

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

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TO W. MILLER (LFMB) (07/10/78) UPON RECEIPT

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AA/R

DUKE POWER COMPANY

POWER BUILDING

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

WILLIAM O. PARKER, JR.
VICE PRESIDENT
STEAM PRODUCTION

July 5, 1978

TELEPHONE: AREA 704
373-4083

Mr. E. G. Case
Office of Nuclear Reactor Regulation
U. S. Nuclear Regulatory Commission
Washington, DC 20555

Attention: Mr. R. Reid
Operating Branch #4

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

Dear Mr. Case:

Pursuant to 10CFR50, §50.90 please find attached a proposed amendment to the operating licenses for the Oconee Nuclear Station, Units 1, 2, and 3. The purpose of the amendment is to allow the exchange of four fuel assemblies between Florida Power Corporation's, Crystal River 3 (Docket No. 50-302) and Oconee. Details of the background are described fully in a June 28, 1978 letter from W. P. Stewart, Florida Power Corporation, to your staff. Basically, during operations in and around the spent fuel pool at Crystal River an assembly was damaged. The assembly will not be returned to the core as originally planned. In order to maintain quarter-core symmetry, as designed, four assemblies will need to be replaced before the unit can be returned to service. Duke Power possesses fuel of suitable burnup and design at Oconee and can provide such fuel to Florida Power. The delivery for transport of the fuel is licensed pursuant to the general license issued in §71.12 and therefore no changes with regard to shipping the fuel from Oconee will be required. Approval of the amendment to Crystal River's operating license requested by the June 28, 1978 submittal will complete the required actions to allow the transport of the fuel from Oconee to Crystal River.

Florida Power is also, however, currently involved in modification to its spent fuel storage facility (see Proposed License Amendment published under FR Docket 78-16520, filed on June 14, 1978) to provide increased storage capacity. Installation of high density racks would be significantly impeded by the presence of spent fuel in the pool. Due to the shipment of fuel from Oconee to Crystal River, Duke can exchange the assemblies to facilitate the Crystal River operations. No extra burden will be placed on the Oconee pool since there is no net increase in stored fuel.

The attached proposed amendment is intended to complete the licensing requirement by allowing Duke to possess the four assemblies irradiated at Crystal River. There are no appreciable differences between the Oconee and Crystal River fuel since the design is very similar. No modifications or additional requirements will be needed to accommodate the fuel. By amending the license in this manner we can store the fuel in the same manner as Oconee fuel. Either pool may be utilized.

Additionally, pursuant to 10CFR140, §140.9, we hereby request a modification of the indemnity agreement (B-44) entered into between Duke and the Commission. The needed change will require a redefining of "radioactive material" as listed in Article I of the agreement. Please find attached appropriate language for such a change.

Duke considers that no adverse effects on public health and safety will result from this action in that no more than eight assemblies will be transported and no change to on-site inventories will result from the exchange. Procedures and apparatus for the fuel movement are already developed and considerable experience has been logged in such operations. The cask and carrier used will comply with all applicable Federal and State regulations.

We request that appropriate actions proceed expeditiously to prevent adverse effects on Crystal River operations. These proposed amendments are considered to constitute one Class III amendment and two Class I amendments since they involve one issue pertaining to three identical units. Accordingly, a check for \$4,800 is remitted herewith.

Very truly yours,

s/William O. Parker, Jr.
William O. Parker, Jr.

KRW/sch

Attachments

REGULATORY DOCKET FILE COPY