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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
 50-287 Oconee Nuclear Station, Unit 3, Duke Power Co. 05000287

AUTH. NAME AUTHOR AFFILIATION
 PARKER, W.O. Duke Power Co.
 RECIP. NAME RECIPIENT AFFILIATION
 DENTON, H.R. Office of Nuclear Reactor Regulation

SUBJECT: Requests mod of 800331 commitment date for implementing addl cooling loop to spent fuel cooling sys. Mod will be achieved as soon as possible. Present sys is adequate until Unit 1 refuels in 1981.

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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

March 21, 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. Robert W. Reid, Chief
Operating Reactors Branch No. 4

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

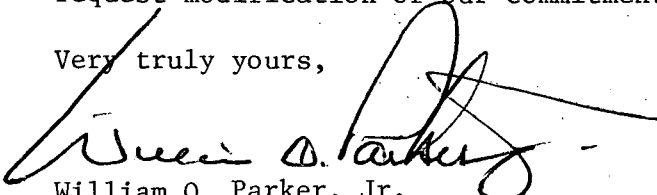
Dear Sir:

In your letter of June 19, 1979 which transmitted approval of Amendment Nos. 72, 72 and 69 to License Nos. DPR-38, 47 and 55 you requested notification if additional cooling loop to the spent fuel cooling system could not be added by March 31, 1980. This letter is provided to so inform you and to justify continued operation in the unmodified state through the next Oconee Unit 1 refueling.

The current system was designed to cool 336 spent fuel assemblies in the original pool with a cooling capacity of 15.5×10^6 BTU/hr. The system will see a maximum heat load of 12.35×10^6 BTU/hr from the 342 assemblies in pool immediately following the current refueling conservatively assuming that 68 assemblies now located in the Unit 3 pool are already moved to the Unit 1, 2 pool to allow receipt of new fuel for Unit 3. This will have decreased to 5.19×10^6 BTU/hr by July 30, 1980 when the transfer is actually scheduled. The average pool temperature will be 117°F and 101°F in the two cases respectively. The only limitation this places on the operation of the pool is to restrict full core discharges so that the off loading is not completed in less than 10 and 9 days in the two cases.

It is considered that the present system is adequate for the period from now until Unit 1 refuels in 1981. The modification will be achieved as soon as possible, however, design and procurement activities have taken longer than expected and have precluded our meeting the original schedule. We therefore request modification of our commitment date as indicated.

Very truly yours,


William O. Parker, Jr.

KRW:scs

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