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

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 AUTHOR AFFILIATION: Duke Power Co.
 RECIPIENT AFFILIATION: Office of Nuclear Reactor Regulation
 Operating Reactors Branch 4

SUBJECT: Forwards NFS-1001, "Reload Design Methodology," Revision 1, replacing original entirely. Includes design of unrodded fuel cycles, clarification of certain areas & typographical error corrections. Rept methods intended for use by Aug 1981.

SEE RPTS. # 800604022/

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JUN 5 1980

DUKE POWER COMPANY

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WILLIAM O. PARKER, JR.
VICE PRESIDENT
STEAM PRODUCTION

May 20, 1980

TELEPHONE: AREA 704
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Mr. H. 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
Docket Nos. 50-269, -270, -287

Dear Sir:

Transmitted herewith are forty (40) copies of the revised Duke Power Company technical report NFS-1001. This revision replaces the original in its entirety (see assembly instructions with each copy). This revised report includes two supplements which compare predicted and measured physics parameters and power distributions for Oconee 1 Cycles 1-5. The revised report also includes design of unrodded fuel cycles, clarifies certain areas and corrects typographical errors.

We intend to utilize the methods described in the report in the design of Oconee 3 Cycle 7 which will be completed through final cycle design in August of 1981. It is therefore requested that the schedule of the review be in support of such efforts. Significant delays in the review process will severely impact Duke Power's efforts in this area.

Very truly yours,

William O. Parker, Jr.
William O. Parker, Jr.

KRW:scs

Boo!
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