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 FACIL: 50-287 Oconee Nuclear Station, Unit 3, Duke Power Co.  
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 RECIP. NAME DENTON, H.R. RECIPIENT AFFILIATION Office of Nuclear Reactor Regulation, Director  
 STOLZ, J.F. Operating Reactors Branch 4

DOCKET #  
05000287

SUBJECT: Forwards internal pin pressure calculation results for  
 Oconee 3 Cycle 7, per 820812 telcon re Cycle 7 reload rept &  
 Tech Spec changes submitted 820503, revised 820811. Info re  
 peak burnup also provided.

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# DUKE POWER COMPANY

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August 16, 1982

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

Attention: Mr. John F. Stolz, Chief  
Operating Reactors Branch No. 4

Subject: Oconee Nuclear Station  
Docket No. 50-287

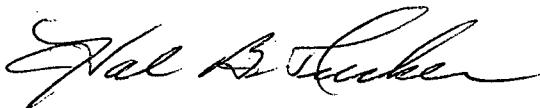
Dear Sir:

A telecon was held on August 12, 1982 between the Staff and Duke Power Company to answer questions from the Staff regarding the Oconee 3 Cycle 7 Reload Report and Technical Specification changes submitted on May 3, 1982 and revised on August 11, 1982. All questions from the Staff appeared to be adequately answered, although written documentation was requested for two of the questions. In response to that request, Attachment 1 contains the information requested concerning internal pin pressure calculation results for Oconee 3 Cycle 7.

The second question concerned the peak burnup during Cycle 7. The maximum burnup expected for Oconee 3 Cycle 7 at 440 EFPD is 34,119 MWD/MTU for the assembly average and 36,393 MWD/MTU for the peak rod.

The information in this response is related to the August 11, 1982 revision to the Oconee 3 Cycle 7 Reload Report and Technical Specification changes. Your expeditious action regarding the revised submittal would be appreciated.

Very truly yours,



H. B. Tucker, Vice President  
Nuclear Production Department

JFN/php  
Attachments

A001

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Attachment 1

OCONEE 3 CYCLE 7

INTERNAL PIN PRESSURE CALCULATION

INPUT POWER HISTORY

BURNUP RANGE (MWD/MTU)	PIN AVG. LINEAR HEAT RATE (KW/FT)	
	94% T.D.	95% T.D.
0 - 12390	11.00	11.04
12390 - 14070	10.63	10.66
14070 - 16800	10.38	10.42
16800 - 19530	10.00	10.04
19530 - 22155	9.46	9.49
22155 - 25620	9.12	9.15
25620 - 26880	8.92	8.95
26880 - 32550	8.34	8.37
32550 - 35070	7.65	7.68
35070 - 40110	7.17	7.19