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 50-287 Oconee Nuclear Station, Unit 3, Duke Power Co.  
 AUTH. NAME AUTHOR AFFILIATION  
 PARKER, W. O. Duke Power Co.  
 RECIPIENT NAME RECIPIENT AFFILIATION  
 REID, R. W. Operating Reactors Branch 4

DOCKET #  
 05000269  
 05000270  
 05000287

SUBJECT: Forwards "Model Documentation" for 790507 rept, "Evaluation of Transient Behavior & Small Reactor Coolant Sys Breaks in 177 Fuel Assembly Plant."

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WILLIAM O. PARKER, JR.  
VICE PRESIDENT  
STEAM PRODUCTION

September 13, 1979

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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 Reactor Branch No. 4

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

Dear Sir:

Please find attached a report which documents the modeling techniques used in small break analyses used to verify ECCS capability. This documentation supports a May 7, 1979 report entitled "Evaluation of Transient Behavior and Small Reactor Coolant System Breaks in the 177 Fuel Assembly Plant." The schedule for submittal of this information was requested by your letter of June 22, 1979 and was provided by my letter of July 20, 1979.

Very truly yours,

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

KRW:scs

Attachment

REGULATORY DOCKET FILE COPY

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APR 11 1980