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 FACIL: 50-269 Oconee Nuclear Station, Unit 1, Duke Power Co.  
 50-270 Oconee Nuclear Station, Unit 2, Duke Power Co.  
 50-287 Oconee Nuclear Station, Unit 3, Duke Power Co.

DUCKET #  
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AUTH. NAME PARKER, W.O. AUTHUR AFFILIATION Duke Power Co.  
 RECIP. NAME REID, R.W. RECIPIENT AFFILIATION Operating Reactors Branch 4

SUBJECT: ACR receipt of NRC 791011 ltr re supporting analysis that reactor cavity annulus seal ring cannot become destructive missile in event of postulated LOCA. Present analysis shows ring cannot damage containment but could effect other sys.

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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

November 15, 1979

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. R. W. Reid, Chief  
Operating Reactors Branch No. 4

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

Dear Sir:

Your letter dated October 11, 1979 requested a detailed analysis be submitted that supports the conclusion that the reactor cavity annulus seal ring cannot become a destructive missile in the event of a postulated loss-of-coolant accident.

While our earlier analysis demonstrated that the seal ring would not become a missile which reaches the containment, it cannot be shown presently, by analysis, that the seal ring will not become a missile that will damage other safety-related components, systems or structures. If further analysis does not confirm that the seal ring will not become a destructive missile, then by the completion of the next refueling outage of each Oconee unit, the reactor cavity annulus seal ring will be either 1) firmly attached so as not to become a missile hazard, or 2) removed to an area where it will pose no missile hazard.

Very truly yours,

*William O. Parker Jr. by WAH*  
William O. Parker, Jr.

RLG:scs

*Accel  
11/3/79*

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