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 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  
 REID,R.W. Operating Reactors Branch 4

SUBJECT: Forwards response to NRC 800223 request re LWR primary  
 coolant sys pressure isolation valves.No mods to OL  
 necessary.

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MAR 2 1980

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

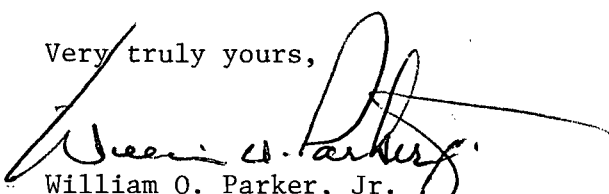
Re: Oconee Nuclear Station  
Docket Nos. 50-269, -270, -287

Dear Sir:

With regard to your letter dated February 23, 1980 concerning LWR primary coolant system pressure isolation valves, please find attached Duke Power Company's response to the request for information.

Based on the information provided herein, it is the position of Duke Power that no modifications to the Oconee Operating License are deemed necessary.

Very truly yours,

  
William O. Parker, Jr.

RLG:scs

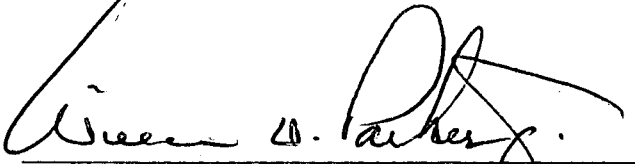
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APR 11  
ADD: L E  
P POLK  
E BUTCHER 11

8003180 609

Mr. Harold R. Denton, Director  
March 13, 1980  
Page Two

WILLIAM O. PARKER, JR., being duly sworn, states that he is Vice President of Duke Power Company; that he is authorized on the part of said Company to sign and file with the Nuclear Regulatory Commission this document; and that all statements and matters set forth therein are true and correct to the best of his knowledge.

  
William O. Parker, Jr., Vice President

Subscribed and sworn to before me this 13th day of March, 1980

  
Notary Public

My Commission Expires:

September 20, 1984

DUKE POWER COMPANY  
OCONEE NUCLEAR STATION

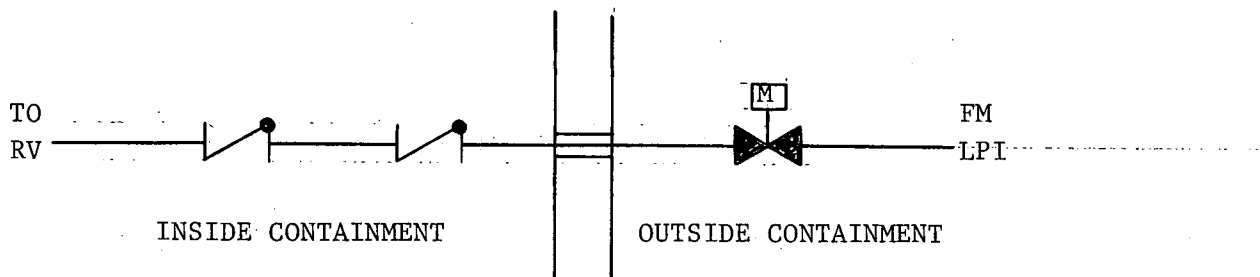
Response to Request for Information  
NRC Letter Dated February 23, 1980

Item 1

Describe the valve configuration at your plant and indicate if an Event V isolation valve configuration exists within the Class I boundary of the high pressure piping connecting PCS piping to low pressure system piping; e.g., (1) two check valves in series, or (2) two check valves in series with a MOV.

Response

The piping configuration at Oconee which most closely approximates Figure 1 is as follows:



The MOV is normally closed except during quarterly testing and upon unit shut-down when the system is in use for decay heat removal.

Item 2

If either of the above Event V configurations exist at your facility, indicate whether continuous surveillance or periodic tests are being accomplished on such valves to ensure integrity. Also indicate whether valves have been known, or found, to lack integrity;

Response

The above Event V configurations as contained in Figure 1 do not exist at Oconee. However, during quarterly testing of the MOV, the valve is cycled and system lineup of Figure 1 would exist. The MOV is never locked open.

For these valves in question, there has been no evidence of lack of integrity.

Item 3

If either of the above Event V configurations exist at your facility, indicate

whether plant procedures should be revised or if plant modifications should be made to increase reliability.

Response

The above Event V configurations as contained in Figure 1, do not exist at Oconee. However, during quarterly periodic testing, the MOV in question is cycled. To prevent the possibility of over pressurizing the low pressure piping, Duke is modifying the inservice testing program to require this MOV to be tested during periods of cold shutdown.