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 AUTH. NAME: PARKER, W.O. AUTHOR AFFILIATION: Duke Power Co.
 RECIP. NAME: DENTON, H.R. RECIPIENT AFFILIATION: Office of Nuclear Reactor Regulation, Director
 REID, R.W. Operating Reactors Branch 4

DOCKET #
05000269
 05000270
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SUBJECT: Updates 800818 response to request for addl info re preliminary design approval of safety-grade anticipatory reactor sys. Pressure switches are located in turbine bldg in environmentally safe condition areas.

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November 7, 1980

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

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

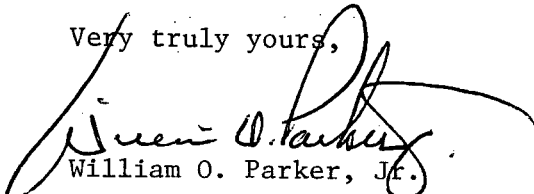
Dear Sir:

My letter of August 18, 1980 provided information in response to a Staff request for additional information that was included with the Staff's preliminary design approval of the safety grade anticipatory reactor system that was provided December 20, 1979.

Subsequent to that letter, discussions were held with the Staff and, as a result, the following information is provided, supplementing my letter of August 18, 1980.

The pressure switches utilized in the anticipatory reactor trip system are located in the station's turbine building. The turbine control oil system switches are located on the front standard of each main turbine at elevation 822'. The feedwater pump turbine control oil switches are located on each feedwater pump's instrument cabinet at elevation 781'. Feedwater header discharge pressure switches are mounted on each main turbine foundation column at elevation 780'. These locations are not in environmentally harsh condition areas. The normally expected ambient temperatures in the turbine building should be between 90°F and 125°F depending upon unit loading and outside temperature and weather conditions. An abnormally high temperature of 160°F, which is the continuous duty rating of the switches, is not expected to occur in the turbine building for an extended time period. Radiation integrated dose is less than 1000 rads in the turbine building and not considered a harsh environment.

Very truly yours,



William O. Parker, Jr.

RLG:scs

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