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 50-287 Oconee Nuclear Station, Unit 3, Duke Power Co. 05000287

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 PARKER, W.O. Duke Power Co.
 RECIP. NAME RECIPIENT AFFILIATION
 DENTON, H.R. Office of Nuclear Reactor Regulation, Director
 STOLZ, J.F. Operating Reactors Branch 4

SUBJECT: Advises of util intention to incorporate ASME Boiler & Pressure Vessel Code Case N-210, "Exemptions to Hydrostatic Test After Repair, Section XI, Div 1," into facility inservice insp program.

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DUKE POWER COMPANY

POWER BUILDING

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WILLIAM O. PARKER, JR.
VICE PRESIDENT
STEAM PRODUCTION

December 14, 1981

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. J. F. Stolz, Chief
Operating Reactors Branch No. 4

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



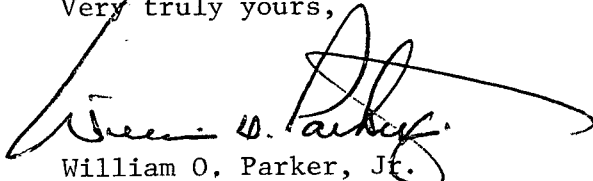
Dear Sir:

This letter is to inform you of Duke Power Company's intention to incorporate Code Case N-210 of the ASME Boiler and Pressure Vessel Code into the Inservice Inspection Program at Oconee Nuclear Station. Code Case N-210, "Exemptions to Hydrostatic Test after Repair, Section XI, Division 1" (copy attached), was approved by council on January 13, 1978, with an expiration date of March 20, 1981. This code case has been included in the 1980 edition of the ASME Code by the Winter 1980 Addenda. Code Case N-210 is listed in Regulatory Guide 1.147, dated February 1981, as acceptable to the NRC staff for application in the inservice inspection of components for water cooled nuclear power reactors.

Utilization of Code Case N-210 at Oconee Nuclear Station will result in a substantial reduction of radiation exposure that would have been incurred during the performance of the hydrostatic tests for which exemption is granted by this code case.

Duke Power Company intends to use Code Case N-210, subject to the additional condition listed in Regulatory Guide 1.147, unless informed by the NRC staff that this code case is not acceptable for use at Oconee Nuclear Station.

Very truly yours,


William O. Parker, Jr.

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Attachment

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Mr. Harold R. Denton, Director
December 14, 1981
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cc: Mr. Philip C. Wagner
Office of Nuclear Reactor Regulation
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

CASES OF ASME BOILER AND PRESSURE VESSEL CODE

*Meeting of January 13, 1978
Approved by Council, March 20, 1978*

*This Case shall expire on March 20, 1981
unless previously annulled or reaffirmed.*

Case N-210
Exemptions to Hydrostatic Test After Repairs
Section XI, Division 1

Inquiry: What repairs may be exempted from hydrostatic test requirements of IWA-4210?

Reply: It is the opinion of the Committee that the following repairs may be exempted from hydrostatic pressure test:

- (1) Repairs to cladding.
- (2) Heat exchanger tube plugging.

(3) Repairs to piping, pumps, and valves where the repair does not penetrate through the pressure boundary.

(4) Repairs to pressure vessels where the repaired cavity does not exceed 10 % of the required design wall thickness.

(5) Component connections, piping and associated valves that are 1-in. nominal pipe size and smaller.

Repairs to vessels, piping, pumps, and valves made in accordance with a procedure which permits using the half-bead welding technique in lieu of postweld heat treatment shall not be exempted from the hydrostatic test requirement. The hydrostatic pressure test and visual examination may be limited to the repaired area.