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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: Submits addl info re inservice testing of our check valves at facility,in response to NRC request & supplementing util 750516 & 790716 Hrs.One oversize chart encl.Aperture card is available in PDR.

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Drawing To BC

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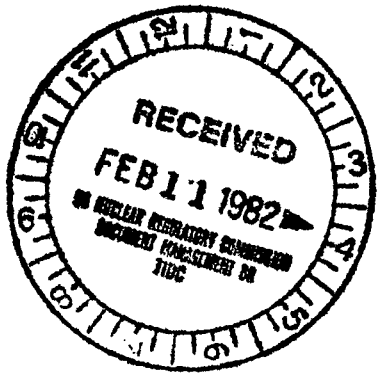
February 11, 1982



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

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

Dear Sir:

During recent discussions, the NRC staff has requested certain additional information regarding the inservice testing of four check valves at Oconee. This additional justification is provided as a supplement to Duke letters dated May 15, 1975 and July 16, 1979.

All four of these valves were manufactured by Crane and are shown on the attached Crane drawing (PC-143235). The reactor building spray (RBS) valves (BS-14, -19) are 8-inch and the low pressure injection (LPI) valves (LP-29, -30) are 14-inch. As can be seen in the drawing, it is impractical to disassemble the valve to visually inspect the internals, and as these valves are welded into lines, they must be cut out for any maintenance.

These four check valves are in the piping which allow flow to the reactor building spray (RBS) system. This cooling system is redundant to the reactor building cooling units (RBCU). Each system, either the RBS or the three RBCU, is sufficient to maintain containment pressure at a level below design pressure.

In the case of BS-14, -19, these check valves are not subjected to liquid or corrosive atmosphere. In the case of LP-29, -30, the maximum flow rate which can be obtained by test is approximately 2700 gpm. This is considered to be adequate to assure that the check valve internals are free to move. This flow is the maximum which would be necessary for core cooling considerations by the low pressure injection system.

This information supplements that which was previously provided. As such, no license fees are deemed necessary.

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Drawing To
BC

Very truly yours,

William O. Parker, Jr.

RLG/php
Attachment