

January 22, 1980



Georgia Power

THE GEORGIA POWER SYSTEM

Power Generation Department

United States Nuclear Regulatory Commission
Office of Inspection and Enforcement
Region II - Suite 3100
101 Marietta Street, NW
Atlanta, Georgia 30303

REFERENCE:

RII: JPO
50-321/50-366
I&E Bulletin 80-01

Attention: Mr. James P. O'Reilly

Gentlemen:

The Georgia Power Company hereby submits the following information in response to your letter dated January 11, 1980, concerning I&E Bulletin 80-01, "Operability of ADS Valve Pneumatic Supply".

1. Plant Hatch has installed hard-seat check valves to isolate the ADS accumulator system from the pneumatic supply system. The manufacturers of these piston check valves are Velan on Unit 1 and Edwards on Unit 2. The seats and pistons for these valves are both stellite faced.
2. Periodic leak tests have not been performed on the ADS accumulator check valves at Plant Hatch. Because the check valves are in a qualified system which has redundant air supplies available, no failure mode exists to allow air supply to be lost to the accumulators.
3. A review of the seismic qualifications of the ADS pneumatic supply system has determined that the system is seismic category I inside primary containment and is seismic category I outside primary containment through the compressor receiver tank. In addition, the Drywell Atmosphere Nitrogen Make-up System and the Instrument Air Supply System intertie into the Drywell Pneumatic System. These two backup systems are seismic category I and are powered by Class IE power supplies.
4. Inoperability of the ADS system, due to pneumatic system failure, is highly unlikely for either unit. The seismic design of the pneumatic system and redundancy described in item 3 assure that the ADS pneumatic system will remain operable in conditions under which it is required. Although the check valves in question do have hard-seats, there are at least two additional check valves upstream of the isolation check valve. The probability of the multiple failure of the check valves and the backup systems is low enough to preclude the necessity of any design modifications.

If you have any questions or comments in this regard, please contact my office.

1829 332

Very truly yours,

W. A. Widner

W. A. Widner

Vice President and General Manager
Nuclear Generation

RDB/JAB/mb

8001290 493

United States Nuclear Regulatory Commission
Office of Inspection and Enforcement
January 22, 1980
Page Two

xc: Director of the Office of Inspection and Enforcement
Director of the Division of Operating Reactors, Office of
Nuclear Reactor Regulation

1829 333