

NOV 7 1980

Docket No. 50-311

Mr. R. L. Mittl, General Manager
Licensing and Environment
Public Service Electric & Gas Company
80 Park Plaza - T17A
Newark, New Jersey

NOV 10 11 05 AM '80
REGISTRATION SERVICES
DIVISION

Dear Mr. Mittl:

SUBJECT: FEEDWATER HAMMER TEST PROCEDURE

We have reviewed your test procedure, "SUP 80.1, Appendix G, Feedwater Hammer Test" submitted as an attachment to your letter dated July 7, 1980. Our comments are as follows:

- 1) The procedure should be revised to provide information regarding test prerequisites, precautions, special test equipment and instrumentation, step-by-step test instructions, and data logs;
- 2) The test should be conducted with a feedwater flow rate which covers the flow rate expected assuming operation of all three auxiliary feedwater pumps (nominally at least 440 gpm per steam generator);
- 3) Critical pipe hangers should be located in three dimensions with respect to fixed reference points. After the test, they should be remeasured to see if any change has occurred;
- 4) Pressure transmitters used in the test should have a time constant less than the expected time constant of the shock wave; and
- 5) Strip chart and other records of test pressure and temperature should be saved.

After the test procedure has been revised in accordance with the above comments, it should be resubmitted for NRC review and approval. Should you have any questions on this matter, do not hesitate to contact us.

Original signed by
Robert L. Tedesco

Robert L. Tedesco, Assistant Director
for Licensing
Division of Licensing

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