



PSEG Public Service
Electric and Gas
Company

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Robert L. Mittl General Manager
Nuclear Assurance and Regulation

September 9, 1985

Director of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
7920 Norfolk Avenue
Bethesda, MD 20814

Attention: Mr. Walter Butler, Chief
Licensing Branch 2
Division of Licensing

Gentlemen:

SAFETY EVALUATION REPORT CONFIRMATORY ISSUE 1
HOPE CREEK GENERATING STATION
DOCKET NO. 50-354

Pursuant to our letter of September 4, 1985, from R. L. Mittl, PSE&G, to W. Butler, NRC, the following clarification is being provided on the stresses imposed on the feedwater check valve hinge pin following a double ended break of the feedwater line outside containment. The stress level for the combined maximum bending plus shear in the shaft housing is considerably less than the allowable of 0.70 Su as specified by Appendix F, Table F-1322.2-1 of the ASME B&PV Code, Section III. Further, the maximum shear stress developed in the shaft is considerably less than a representative allowable of 0.35 Su. Therefore it is concluded that the hinge shaft housing and shaft are acceptable.

Should you have any questions in this regard, please contact us.

Very truly yours,

The Energy People

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Boo!
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Mr. Walter Butler

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C D. H. Wagner
USNRC Licensing Project Manager

A. R. Blough
USNRC Senior Resident Inspector

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