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 AUTH. NAME: CURTIS, N.N. AUTHOR AFFILIATION: Pennsylvania Power & Light Co.
 RECIP. NAME: PARR, O.D. RECIPIENT AFFILIATION: Light Water Reactors Branch 3

SUBJECT: Advises that SRI Intl has begun work on planned safety/relief valve bubble load test to be run in suppression pool of Unit 1. Data from test to serve as basis for reduction of both pool boundary & submerged structure load specs.

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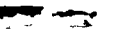
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REGULATORY DOCKET FILE COPY

August 7, 1979

Director of Nuclear Reactor Regulation
U. S. Nuclear Regulatory Commission
Washington, DC 20555

DOCKET NOS.
50-387
50-388

ATTN: Mr. Olan D. Parr, Chief
Light Water Reactors Branch No. 3

SUSQUEHANNA STEAM ELECTRIC STATION
SRV BUBBLE LOAD TESTS
ER 100450 FILE 172, 840-2
PLA-388


Dear Mr. Parr:

SRI International has recently begun work on a planned safety/relief valve (SRV) bubble load test to be run in the Unit #1 suppression pool at the Susquehanna SES. The scope of the tests will be to investigate the actual pool loadings associated with SRV discharge using a simulated bubble source. Data from these tests would serve as a basis for a reduction of both the pool boundary and submerged structures load specification due to SRV discharge, should such further load reduction be required.

Final verification that the simulated bubble source will give adequate duplication of a SRV discharge pressure-time history is yet to be completed. Should this source not be able to simulate such a pressure-time history, plans for this test will have to be modified or possibly cancelled. Should final verification be completed as planned, testing at the Susquehanna site would take place during the fourth quarter of this year. At the present time instrumentation installation is proceeding.

Should you or the staff require any further information, we will be glad to meet with you to discuss in more detail the test plans.

Very truly yours,



N. W. Curtis
Vice President - Engineering & Construction

DFR:dah

cc-R. M. Gallo - NRC (site)

PENNSYLVANIA POWER & LIGHT COMPANY 7908150655

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