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ACCESSION NBR: 8309260303 DOC. DATE: 83/09/22 NOTARIZED: NO DOCKET #
 FACIL: 50-387 Susquehanna Steam Electric Station, Unit 1, Pennsylvania 05000387
 AUTH. NAME: CURTIS, N.W. AUTHOR AFFILIATION: Pennsylvania Power & Light Co.
 RECIP. NAME: SCHWENCER, A. RECIPIENT AFFILIATION: Licensing Branch 2

SUBJECT: Advises that simultaneous malfunctions of control sys due to single high energy line break bounded by FSAR Chapter 15 analysis & within operators & safety sys abilities to mitigate events.

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Pennsylvania Power & Light Company

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Norman W. Curtis
Vice President-Engineering & Construction-Nuclear
215/770-7501

SEP 22 1983

Director of Nuclear Reactor Regulation
Attention: Mr. A. Schwencer, Chief
Licensing Branch No. 2
Division of Licensing
U.S. Nuclear Regulatory Commission
Washington, DC 20555

SUSQUEHANNA STEAM ELECTRIC STATION
LICENSE CONDITION 2.C.25 (b) OF FACILITY
OPERATING LICENSE NO. NPF-14
ER 100450 FILE 841-2
PLA-1846

Docket No. 50-387

Dear Mr. Schwencer:

In response to License Condition 2.C.25 (b) of Facility Operating License No. NPF-14, Pennsylvania Power and Light Company has performed a study on the Evaluation of the Effects of High Energy Line Breaks on Control System. This study found that simultaneous malfunctions of control systems due to a single high energy line break are bounded by the FSAR Chapter 15 analysis and are within the capabilities of operators and safety systems to mitigate these events.

This completes our action on this license condition.

If you have any questions, please contact us.

Very truly yours,

N. W. Curtis
Vice President-Engineering & Construction-Nuclear

cc: Mr. R. L. Perch NRC

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