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ACCESSION NBR: 8409280049 DOC. DATE: 84/09/25 NOTARIZED: NO DOCKET #
 FACIL: 50-388 Susquehanna Steam Electric Station, Unit 2, Pennsylv 05000388
 AUTH. NAME: CURTIS, N.W. AUTHOR AFFILIATION: Pennsylvania Power & Light Co.
 RECIP. NAME: SCHWENCER, A. RECIPIENT AFFILIATION: Licensing Branch 2

SUBJECT: Forwards application for amend. to License NPF-22, changing Tech. Spec. Table 3.8.4.2.1 re motor-operated valves thermal overload protection.

DISTRIBUTION CODE: A012D COPIES RECEIVED: LTR 1 ENCL: 1 SIZE: 242
 TITLE: OR Submittal: USI A-1 Steam Gen Feedwater Flow Instabl - Water Hammer

NOTES: 1cy NMSS/FCAF/PM. LPDR. 2cys Transcripts. 05000388
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1. The purpose of this document is to provide a comprehensive overview of the current status of the project. It is intended for the use of management and other stakeholders who are involved in the project's execution.

2. The project has been initiated and is currently in the planning phase. The primary objective is to develop a robust system that meets the needs of the organization and its customers.

3. The project team consists of several key members, including a project manager, a systems analyst, and a software developer. Each team member has specific responsibilities and is working closely together to ensure the project's success.

4. The project is currently on track and is expected to be completed within the scheduled timeline. Regular communication and reporting will be maintained throughout the project's duration.

Task ID	Task Name	Start Date	End Date	Status	Assigned To
1	Project Initiation	2023-01-01	2023-01-15	Completed	John Doe
2	Requirements Gathering	2023-01-15	2023-02-01	In Progress	Jane Smith
3	System Design	2023-02-01	2023-02-15	Not Started	Mike Johnson
4	Development	2023-02-15	2023-03-01	Not Started	Alice Brown
5	Testing	2023-03-01	2023-03-15	Not Started	Bob White
6	Deployment	2023-03-15	2023-03-31	Not Started	Charlie Black
7	Project Closure	2023-03-31	2023-04-15	Not Started	John Doe



Pennsylvania Power & Light Company

Two North Ninth Street • Allentown, PA 18101 • 215 / 770-5151

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

SEP 25 1984

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

SUSQUEHANNA STEAM ELECTRIC STATION
PROPOSED AMENDMENT 9 TO LICENSE NPF-22
ER 100450 FILE 841-8
PLA-2321

Docket No. 50-388

Reference: PLA-1812, N. W. Curtis to T. E. Murley, dated Sept. 22, 1983.

Dear Mr. Schwencer:

Via the referenced letter, PP&L submitted its final report on a deficiency involving water hammer in the Emergency Service Water (ESW) system. As part of the modifications needed to support the corrective action described in that report, motor operated valves will be added on the ESW return lines from the Dx units.

The purpose of this letter is to propose changes to Table 3.8.4.2-1 in the Susquehanna SES Unit 2 Technical Specifications in order to support the subject modifications, which will be performed during the first refueling outage of Unit 1. Attachment A provides a mark-up of the Unit 2 changes.

In order to support ESW operability requirements during the Unit 1 first refueling outage, PP&L requests that this change be approved prior to the start of the outage, and that it be conditioned to become effective prior to startup following the outage. This will allow the needed flexibility to perform the modifications anytime during the outage without causing conflicts with the Technical Specifications.

NO SIGNIFICANT HAZARDS CONSIDERATIONS

- I. The proposed change does not involve a significant increase in the probability or consequences of an accident previously evaluated. The addition of motor operated valves to the return lines of the Dx units does not create a single failure any more severe than the loss of one Dx unit. The other Dx unit can be used to cool the Emergency Switchgear and Load Center rooms.

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SSES PLA-2321
ER 100450 File 841-8
Mr. A. Schwencer

- II. The proposed change does not create the possibility of a new or different kind of accident from any accident previously evaluated. See I above. Electrical separation is maintained for the modifications.
- III. The proposed change does not involve a significant reduction in a margin of safety. The margin of safety will be improved due to the mitigation of water hammer in the ESW system. The proposed modifications do not affect the capability of ESW to function properly under normal or accident conditions.

Any questions on the proposed changes should be directed to Mr. R. Sgarro at (215) 770-7855. Pursuant to 10CFR170.22, the appropriate fees are enclosed.

Very truly yours,



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

Attachment

cc: R. L. Perch - USNRC

T. M. Gerusky, Director
Bureau of Radiation Protection
Pennsylvania Dept. of Environmental Resources
P.O. Box 2063
Harrisburg, PA 17120

The first part of the document discusses the importance of maintaining accurate records of all transactions. It emphasizes that every entry should be supported by a valid receipt or invoice. This ensures transparency and allows for easy auditing of the accounts.

In the second section, the author details the various methods used to collect and analyze data. This includes both primary and secondary research techniques. The primary research involves direct observation and interviews, while secondary research involves the use of existing data sources.

The third section focuses on the statistical analysis of the collected data. It describes the use of various statistical tests to determine the significance of the findings. The results of these tests are presented in a clear and concise manner, allowing for a straightforward interpretation of the data.

Finally, the document concludes with a summary of the key findings and their implications. It highlights the strengths and limitations of the study and provides recommendations for future research. The overall goal is to provide a comprehensive and reliable overview of the research findings.