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 50-388 Susquehanna Steam Electric Station, Unit 2, Pennsylvania 05000388
 AUTH. NAME AUTHOR AFFILIATION
 CURTIS, N.W. Pennsylvania Power & Light Co.
 RECIPIENT NAME RECIPIENT AFFILIATION
 SCHWENCER, A. Licensing Branch 2

SUBJECT: Advises that Alternative 1 will be incorporated into design of BWR scram discharge sys, in response to Generic Ltr 81-18.

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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 information contained herein is confidential and should be handled accordingly. It is not to be distributed outside the project team without the express written consent of the project manager.

3. This document is a living document and will be updated as the project progresses. The most current version of this document is the one that is posted on the project website.

4. The project manager is responsible for ensuring that all project team members are kept up-to-date on the current status of the project. This includes providing regular status reports and holding regular project meetings.

Task ID	Task Name	Start Date	End Date	Status	Assigned To
1.0	Project Initiation	2023-01-01	2023-01-15	Completed	J. Doe
1.1	Define Project Objectives	2023-01-01	2023-01-05	Completed	J. Doe
1.2	Identify Stakeholders	2023-01-01	2023-01-10	Completed	J. Doe
1.3	Develop Project Charter	2023-01-01	2023-01-15	Completed	J. Doe
2.0	Project Planning	2023-01-16	2023-02-15	In Progress	A. Smith
2.1	Work Breakdown Structure (WBS)	2023-01-16	2023-01-30	Completed	A. Smith
2.2	Resource Allocation	2023-01-16	2023-02-05	In Progress	A. Smith
2.3	Cost Estimation	2023-01-16	2023-02-10	In Progress	A. Smith
2.4	Risk Management	2023-01-16	2023-02-15	In Progress	A. Smith
3.0	Project Execution	2023-02-16	2023-04-15	Not Started	M. Johnson
3.1	Task Assignment	2023-02-16	2023-03-01	Not Started	M. Johnson
3.2	Task Monitoring	2023-02-16	2023-04-15	Not Started	M. Johnson
3.3	Task Reporting	2023-02-16	2023-04-15	Not Started	M. Johnson
4.0	Project Closure	2023-04-16	2023-05-15	Not Started	K. Lee
4.1	Final Review	2023-04-16	2023-05-01	Not Started	K. Lee
4.2	Project Handover	2023-04-16	2023-05-15	Not Started	K. Lee

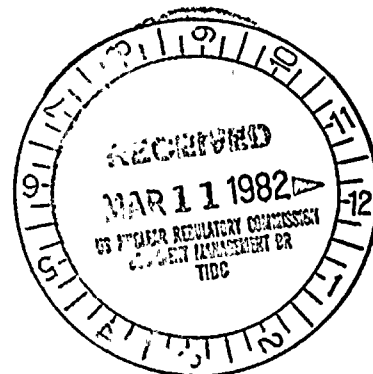


Pennsylvania Power & Light Company

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Norman W. Curtis
Vice President-Engineering & Construction-Nuclear
215 / 770-5381

March 8, 1982



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

SUSQUEHANNA STEAM ELECTRIC STATION
BWR SCRAM DISCHARGE SYSTEM
ER 100450 FILE 842-3
PLA-1023

Docket Nos. 50-387
50-388

- References:
- 1) NRC Staff Safety Evaluation Report (SER) on BWR Scram Discharge System dated December 1, 1980
 - 2) BWR Scram Discharge System; Clarification of Diverse Instrumentation Requirement (Generic Letter 81-18)

Dear Mr. Schwencer:

PP&L was made aware of the need for diversity requirements to meet "acceptable compliance" for BWR Scram Discharge System by Generic Letter 81-18. Two alternatives were presented in the referenced generic letter and it has been decided that alternative 1 would be incorporated into Susquehanna's design.

"Alternative 1:

- (a) Provide additional (or substitute) level-sensing instrumentation for the automatic scram function to include diversity as well as redundancy. The diversity should, as a minimum, be achieved by level sensors that employ different operating principles for measuring the water level;
- (b) For the instrumentation selected, demonstrate how common-cause failures; such as those identified by operating history and those identified in the Forward to IEEE 379-1977 will be considered."

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Mr. A. Schwencer

Since the decision to incorporate alternative 1 PP&L has taken the appropriate steps to implement the design changes required. The necessary hardware has been ordered from General Electric and is targeted for delivery the last quarter of 1982. During this period Susquehanna is expected to be well into its start-up test period making it extremely difficult to implement this criterion within the time identified in the generic letter (end of 1982).

PP&L has addressed all the other BWR Scram Discharge issues as stated in the NRC Staff Safety Evaluation Report and all other work is scheduled to be complete prior to fuel load. In light of this and the late delivery date of the necessary qualified instrumentation, PP&L is requesting concurrence for completing the installation of the required equipment to the first adequate extended outage or no later than Susquehanna's first refueling outage.

Very truly yours,



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

RJP/mks

cc: Director
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