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ACCESSION NBR: 8206080362 DOC. DATE: 82/06/04 NOTARIZED: NO DOCKET #  
 FACIL: 50-387 Susquehanna Steam Electric Station, Unit 1, Pennsylvania 05000387  
 50-388 Susquehanna Steam Electric Station, Unit 2, Pennsylvania 05000388  
 AUTH. NAME: CURTIS, N.W. AUTHOR AFFILIATION: Pennsylvania Power & Light Co.  
 RECIP. NAME: SCHWENCER, A. RECIPIENT AFFILIATION: Licensing Branch 2

SUBJECT: Forwards "Vertical Dynamic Analysis..." to aid in NRC review of inconsistencies found in facilities dynamic models. Final report addressing reportability will be submitted prior to Unit 1 fuel load. Mods will be made to FSAR & DAR.

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 TITLE: PSAR/FSAR AMDTS and Related Correspondence

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EXTERNAL:	ACRS 41	10 10	BNL (AMDTS ONLY)	1 1
	FEMA-REP DIV 39	1 1	LPDR 03	2 2
	NRC PDR 02	1 1	NSIC 05	1 1
	NTIS 1	1 1		



The first part of the document discusses the general principles of the proposed system. It outlines the objectives and the scope of the study. The second part provides a detailed description of the system's components and their interactions.

The third part of the document presents the results of the experiments conducted to evaluate the system's performance. It includes a comparison of the proposed system with existing methods and a discussion of the factors that influence its efficiency.

The fourth part of the document discusses the conclusions drawn from the study and the implications of the findings. It also identifies the limitations of the current work and suggests directions for future research.

The fifth part of the document provides a summary of the key points discussed in the paper. It highlights the main contributions and the overall findings of the study.

The sixth part of the document contains the references cited in the paper. These references provide additional context and support for the claims made in the document.

The seventh part of the document includes the appendix, which contains supplementary information that is not essential for understanding the main text but provides additional detail for interested readers.

The eighth part of the document contains the index, which allows readers to quickly locate specific information within the document.

The ninth part of the document includes the glossary, which defines the key terms and abbreviations used throughout the paper.

The tenth part of the document contains the acknowledgments, where the author expresses gratitude to those who provided support and assistance during the course of the research.

The final part of the document is the conclusion, which summarizes the main findings and the overall impact of the study.



**Pennsylvania Power & Light Company**

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

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

**JUN 04 1982**

Mr. A. Schwencer, Chief  
Licensing Branch, No. 2  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555

Docket Nos. 50-387  
50-388

SUSQUEHANNA STEAM ELECTRIC STATION  
DYNAMIC STRUCTURAL MODELS  
ER 100450 FILE 148  
PLA-1122

Dear Mr. Schwencer:

As agreed during a meeting with the Structural Engineering Branch on May 21, 1982, we are forwarding an information package to aid the Commission in the review of the inconsistencies found in the Susquehanna SES dynamic models.

The following information is enclosed:

- o A written discussion which describes the inconsistencies, modeling revisions, results, and the assessment programs.
- o An explanation of the damping values used for equipment qualification is included in Table 3 as requested during the meeting.
- o Sample blockwall assessment calculations are found in Appendix A as requested during the meeting.

A final report addressing the reportability will be forwarded to NRC Region I prior to Unit 1 fuel load. As agreed to in a telephone conversation between your Mr. Perch and our Mr. Coddington on May 21, 1982, modifications will be made to the licensing documents (FSAR and DAR) to reflect the necessary changes in the near future, but not before Unit 1 fuel load.

Very truly yours,

N. W. Curtis  
Vice President, Engineering and Construction-Nuclear

JDV:mcr  
V-3

Attachments

Copy to  
R. Perch NRC w/a

*3001*

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[The body of the document contains several paragraphs of text that are extremely faint and illegible due to the quality of the scan. The text appears to be organized into multiple sections, possibly separated by headings or sub-sections, but the specific content cannot be discerned.]