

REGULATOR INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 8509190486 DOC. DATE: 85/09/13 NOTARIZED: NO DOCKET #  
 FACIL: 50-387 Susquehanna Steam Electric Station, Unit 1, Pennsylvania 05000387  
 50-388 Susquehanna Steam Electric Station, Unit 2, Pennsylvania 05000388  
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 RECIP. NAME: BUTLER, W.R. RECIPIENT AFFILIATION: Licensing Branch 2

SUBJECT: Submits reformatted NSHC for proposed Amends 69 & 23 to Licenses NPF-14 & NPF-22, respectively. Tech Spec changes to add new motor-generated valves involve NSHC.

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NOTES: 1cy NMSS/FCAF/PM. LPDR 2cys Transcripts. 05000387  
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**SEP 13 1985**

Director of Nuclear Reactor Regulation  
Attention: Dr. W. R. Butler, Chief  
Licensing Branch No. 2  
Division of Licensing  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555

SUSQUEHANNA STEAM ELECTRIC STATION  
PROPOSED AMENDMENTS NO. 69 TO NPF-14  
AND NO. 23 TO NPF-22 FORMAT CHANGE  
ER 100450 FILE 841-8  
PLA-2538

Docket Nos. 50-387  
50-388

Dear Dr. Butler:

As requested by your Staff, the following is the reformatted No Significant Hazards Consideration for proposed Amendments No. 69 to NPF-14 and No. 23 to NPF-22.

No Significant Hazards Consideration

1. The proposed change does not involve a significant increase in the probability or consequences of an accident previously evaluated. Neither the drain pumps nor the level detection system are safety related since these systems are used only to maintain the spray arrays in an operable condition. The drain valves provide a boundary between the ASME Section III RHRSW/ESW piping and the non-quality drain pumps and are safety related. The safety function of the drain valves is to close when the spray array isolation valves open and an interlock is provided that prevents the drain valves from opening unless the spray array isolation valves are 100% closed.

The drain valves are designed to ASME Section III Class 2 and are Seismic Category I. The motor operators are Class 1E and are powered from existing Class 1E motor control centers. Since the level instrumentation system is non-Class 1E, proper separation between Class 1 E and non-Class 1E circuits is provided. Control circuits for the drain pump motors are affiliated and will remain so.

A fire will not jeopardize the safe shutdown of the plant due to the installation of the automatic drain system. This modification was analyzed with respect to fire protection and was found to be consistent with the Fire Analysis for the plant.

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TO THE HONORABLE MEMBERS OF THE HOUSE OF REPRESENTATIVES  
AND SENATORS OF THE SENATE OF THE UNITED STATES  
IN CONGRESS ASSEMBLED

IN SENATE, FEBRUARY 11, 1900.  
REPORT  
OF THE  
COMMISSIONERS OF THE GENERAL LAND OFFICE  
ON THE  
LANDS BELONGING TO THE UNITED STATES

WASHINGTON:  
GOVERNMENT PRINTING OFFICE:  
1900.

Published by the Government Printing Office, Washington, D. C., under authority of an act of Congress, approved August 2, 1896, entitled "An Act to provide for the publication of the report of the commissioners of the general land office on the lands belonging to the United States."

CONTENTS.

Introduction. . . . .  
CHAPTER I. THE LANDS BELONGING TO THE UNITED STATES.  
Section 1. The public lands. . . . .  
Section 2. The lands reserved for the benefit of the people. . . . .  
Section 3. The lands reserved for the benefit of the States. . . . .  
Section 4. The lands reserved for the benefit of the Territories. . . . .  
Section 5. The lands reserved for the benefit of the Indian tribes. . . . .  
Section 6. The lands reserved for the benefit of the United States. . . . .

CHAPTER II. THE PUBLIC LANDS.  
Section 1. The public lands. . . . .  
Section 2. The lands reserved for the benefit of the people. . . . .  
Section 3. The lands reserved for the benefit of the States. . . . .  
Section 4. The lands reserved for the benefit of the Territories. . . . .  
Section 5. The lands reserved for the benefit of the Indian tribes. . . . .  
Section 6. The lands reserved for the benefit of the United States. . . . .

CHAPTER III. THE LANDS RESERVED FOR THE BENEFIT OF THE PEOPLE.  
Section 1. The lands reserved for the benefit of the people. . . . .  
Section 2. The lands reserved for the benefit of the States. . . . .  
Section 3. The lands reserved for the benefit of the Territories. . . . .  
Section 4. The lands reserved for the benefit of the Indian tribes. . . . .  
Section 5. The lands reserved for the benefit of the United States. . . . .

SEP 13 1985

Page 2

SSES  
ER 100450  
Dr. W. R. Butler

PLA-2538  
File 841-8

The proposed modification will allow automatic pumpdown of the spray arrays, thereby providing protection against freezing. This decreases the dependency on operators and thus contributes to safety. This modification does not jeopardize the capability of the spray arrays, Emergency Service Water or RHR Service Water to perform their safety functions. Therefore, this modification will not increase the probability of occurrence or the consequences of an accident or malfunction of equipment related to safety as previously evaluated.

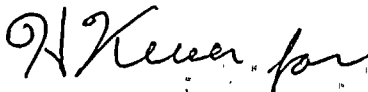
2. The proposed change does not create the possibility of a new or different kind of accident from any accident previously evaluated. The proposed action does not alter the function or operation of any safety related systems. This change does not compromise separation criteria nor does it allow a single failure to prevent any safety related systems from performing their safety functions. This design is consistent with the design philosophy as described in the FSAR and does not create a possibility for an accident or malfunction of a different type than any evaluated previously in the FSAR.
3. The proposed change does not involve a significant reduction in a margin of safety, since this modification does not affect the ability of the Spray Pond, ESW or RHRSW to provide sufficient cooling nor does it affect the redundancy of these systems.

In conclusion, this change does not involve significant hazards consideration and meets the Commission's guidance concerning the application of the no significant hazards consideration standard examples (48 FR 14870). One of the examples of actions not likely to involve a significant hazards consideration, example (ii) involves a change that constitutes an additional limitation, restriction, or control not presently included in the Technical Specifications:

For example, a more stringent surveillance requirement. The proposed technical specification changes fall within example (ii) of actions not likely to involve significant hazards considerations. These technical specification changes add new motor operated valves to Technical Specifications.

If you have any questions, please contact us.

Very truly yours,



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



1. The first part of the document discusses the importance of maintaining accurate records of all transactions. It emphasizes that this is crucial for ensuring the integrity of the financial system and for providing a clear audit trail.

2. The second part of the document outlines the various methods used to collect and analyze data. It describes how different types of information are gathered and how they are processed to identify trends and patterns.

3. The third part of the document focuses on the challenges faced in the current environment. It discusses the impact of external factors and how they affect the overall performance of the organization.

4. The fourth part of the document provides a detailed analysis of the results. It compares the current performance against the targets and identifies areas where improvements are needed.

5. The fifth part of the document discusses the implications of the findings. It highlights the key takeaways and provides recommendations for future actions to address the identified issues.

6. The sixth part of the document concludes the report by summarizing the main points and reiterating the importance of the findings. It expresses confidence in the organization's ability to overcome the challenges and achieve its goals.

7. The seventh part of the document provides a list of references and sources used in the research. It ensures that all information is properly cited and that credit is given to the original authors.

8. The eighth part of the document includes an appendix with additional data and supporting information. This section provides a more detailed look at the raw data and the calculations used in the analysis.

9. The ninth part of the document contains a glossary of terms used throughout the report. This helps to ensure that all readers have a clear understanding of the terminology and acronyms used.

10. The tenth part of the document is a final summary and a call to action. It encourages all stakeholders to work together to implement the recommendations and to continue to monitor the progress of the organization.

SEP 13 1985

Page 3

SSES                      PLA-2538  
ER 100450                File 841-8  
Dr. W. R. Butler

cc: M. J. Campagnone    NRC  
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