

July 3, 1989

Docket No. 50-416

DISTRIBUTION
See attached sheet

Mr. W. T. Cottle
Vice President, Nuclear Operations
System Energy Resources, Inc.
Post Office Box 23054
Jackson, Mississippi 39205

Dear Mr. Cottle:

SUBJECT: ISSUANCE OF AMENDMENT NO. 60 TO FACILITY OPERATING LICENSE
NO. NPF-29 - GRAND GULF NUCLEAR STATION, UNIT 1, REGARDING
SUPPRESSION POOL MAKEUP SYSTEM ACTUATION SETPOINT
(TAC NO. 73092)

The Nuclear Regulatory Commission has issued the enclosed Amendment No. 60 to Facility Operating License No. NPF-29 for the Grand Gulf Nuclear Station, Unit 1. This amendment consists of changes to the Technical Specifications (TS) in response to your application dated April 18, 1989.

The amendment changes the Technical Specifications (TS) by increasing the the suppression pool low water level trip setpoint and allowable value in TS Table 3.3.8-2, "Plant Systems Actuation Instrumentation Setpoints." In addition, the description of the trip function and the suppression pool bottom reference elevation would be changed to reflect as-built plant conditions.

A copy of the Safety Evaluation is also enclosed. The Notice of Issuance will be included in the Commission's bi-weekly Federal Register notice.

Sincerely,

Lester L. Kintner, Senior Project Manager
Project Directorate II-1
Division of Reactor Projects I/II
Office of Nuclear Reactor Regulation

Enclosures:

1. Amendment No. 60 to NPF-29
2. Safety Evaluation

cc w/enclosures:
See next page

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PDR ADOCK 05000416
P PDC

OFC	:LA:PD21:DRPR:PM:PD21:DRPR:D:PD21:DRPR :	:	:	:
NAME	: Panderson : LKintner:sw: EAdensam :	:	:	:
DATE	: 6/21/89 : 6/21/89 : 6/30/89 :	:	:	:

2. Accordingly, the license is amended by changes to the Technical Specifications, as indicated in the attachment to this license amendment; and paragraph 2.C.(2) of Facility Operating License No. NPF-29 is hereby amended to read as follows:

(2) Technical Specifications

The Technical Specifications contained in Appendix A and the Environmental Protection Plan contained in Appendix B, as revised through Amendment No. 60, are hereby incorporated into this license. System Energy Resources, Inc. shall operate the facility in accordance with the Technical Specifications and the Environmental Protection Plan.

3. This license amendment is effective as of its date of issuance.

FOR THE NUCLEAR REGULATORY COMMISSION

15/

Elinor G. Adensam, Director
Project Directorate II-1
Division of Reactor Projects I/II
Office of Nuclear Reactor Regulation

Attachment:
Changes to the Technical
Specifications

Date of Issuance: July 3, 1989

OFC	:LA:PD21:DRPR:PM:PD21:DRPR:SI	DEST	SPLB:DEST	OGC	:D:PD21:DRPR	:	:	:
NAME	:PAnderson	:LKintner:sw:SNewberry	:JWermiel	:	EAdensam	:	:	:
DATE	:6/21/89	:6/21/89	:6/21/89	:6/21/89	:6/21/89	:	:	:

AMENDMENT NO. 60 TO FACILITY OPERATING LICENSE NO. NPF-29 - GRAND GULF

Docket File ←

NRC PDR

Local PDR

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ARM/LFMB



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

July 3, 1989

Docket No. 50-416

Mr. W. T. Cottle
Vice President, Nuclear Operations
System Energy Resources, Inc.
Post Office Box 23054
Jackson, Mississippi 39205

Dear Mr. Cottle:

SUBJECT: ISSUANCE OF AMENDMENT NO. 60 TO FACILITY OPERATING LICENSE
NO. NPF-29 - GRAND GULF NUCLEAR STATION, UNIT 1, REGARDING
SUPPRESSION POOL MAKEUP SYSTEM ACTUATION SETPOINT
(TAC NO. 73092)

The Nuclear Regulatory Commission has issued the enclosed Amendment No. 60 to Facility Operating License No. NPF-29 for the Grand Gulf Nuclear Station, Unit 1. This amendment consists of changes to the Technical Specifications (TS) in response to your application dated April 18, 1989.

The amendment changes the Technical Specifications (TS) by increasing the the suppression pool low water level trip setpoint and allowable value in TS Table 3.3.8-2, "Plant Systems Actuation Instrumentation Setpoints." In addition, the description of the trip function and the suppression pool bottom reference elevation would be changed to reflect as-built plant conditions.

A copy of the Safety Evaluation is also enclosed. The Notice of Issuance will be included in the Commission's bi-weekly Federal Register notice.

Sincerely,

A handwritten signature in cursive script that reads "L L Kintner".

Lester L. Kintner, Senior Project Manager
Project Directorate II-1
Division of Reactor Projects I/II
Office of Nuclear Reactor Regulation

Enclosures:

1. Amendment No. 60 to NPF-29
2. Safety Evaluation

cc w/enclosures:
See next page

Mr. W. T. Cottle
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Grand Gulf Nuclear Station (GGNS)

cc:

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UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

SYSTEMS ENERGY RESOURCES INC., et al.

DOCKET NO. 50-416

GRAND GULF NUCLEAR STATION, UNIT 1

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 60
License No. NPF-29

1. The Nuclear Regulatory Commission (the Commission) has found that
 - A. The application for amendment by System Energy Resources, Inc., (the licensee), dated April 18, 1989, complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act), and the Commission's rules and regulations set forth in 10 CFR Chapter I;
 - B. The facility will operate in conformity with the application, the provisions of the Act, and the rules and regulations of the Commission;
 - C. There is reasonable assurance (i) that the activities authorized by this amendment can be conducted without endangering the health and safety of the public, and (ii) that such activities will be conducted in compliance with the Commission's regulations;
 - D. The issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public; and
 - E. The issuance of this amendment is in accordance with 10 CFR Part 51 of the Commission's regulations and all applicable requirements have been satisfied.

2. Accordingly, the license is amended by changes to the Technical Specifications, as indicated in the attachment to this license amendment; and paragraph 2.C.(2) of Facility Operating License No. NPF-29 is hereby amended to read as follows:

(2) Technical Specifications

The Technical Specifications contained in Appendix A and the Environmental Protection Plan contained in Appendix B, as revised through Amendment No. 60, are hereby incorporated into this license. System Energy Resources, Inc. shall operate the facility in accordance with the Technical Specifications and the Environmental Protection Plan.

3. This license amendment is effective as of its date of issuance.

FOR THE NUCLEAR REGULATORY COMMISSION



Elinor G. Adensam, Director
Project Directorate II-1
Division of Reactor Projects I/II
Office of Nuclear Reactor Regulation

Attachment:
Changes to the Technical
Specifications

Date of Issuance: July 3, 1989

ATTACHMENT TO LICENSE AMENDMENT NO. 60

FACILITY OPERATING LICENSE NO. NPF-29

DOCKET NO. 50-416

Replace the following pages of the Appendix "A" Technical Specifications with the attached pages. The revised pages are identified by Amendment number and contain vertical lines indicating the area of change.

<u>Remove</u>	<u>Insert</u>
3/4 3-106	3/4 3-106
3/4 3-108	3/4 3-108
3/4 3-109	3/4 3-109
B 3/4 3-6	B 3/4 3-6

TABLE 3.3.8-1

PLANT SYSTEMS ACTUATION INSTRUMENTATION

<u>TRIP FUNCTION</u>	<u>MINIMUM OPERABLE CHANNELS PER TRIP SYSTEM^(a)</u>	<u>APPLICABLE OPERATIONAL CONDITIONS</u>	<u>ACTION</u>
1. <u>CONTAINMENT SPRAY SYSTEM</u>			
a. Drywell Pressure-High	2	1, 2, 3	130
b. Containment Pressure-High	1	1, 2, 3	131
c. Reactor Vessel Water Level-Low Low Low, Level 1	2	1, 2, 3	130
d. Timers			
1) System A	1	1, 2, 3	131
2) System B	1	1, 2, 3	131
2. <u>FEEDWATER SYSTEM/MAIN TURBINE TRIP SYSTEM</u>			
a. Reactor Vessel Water Level-High, Level 8	3	1	132
3. <u>SUPPRESSION POOL MAKEUP SYSTEM</u>			
a. Drywell Pressure - High (ECCS)	2	1, 2, 3	135
b. Drywell Pressure - High (RPS)	2	1, 2, 3	135
c. Reactor Vessel Water Level - Low Low Low, Level 1	2	1, 2, 3	135
d. Reactor Vessel Water Level - Low Low, Level 2	2	1, 2, 3	135
e. Suppression Pool Water Level - Low Low	1	1, 2, 3	133
f. Suppression Pool Makeup Timer	1	1, 2, 3	133
g. SPMU Manual Initiation	2	1, 2, 3	134

(a) A channel may be placed in an inoperable status for up to 2 hours during periods of required surveillance provided at least one other OPERABLE channel in the same trip system is monitoring that parameter.

TALE 3.3.8-2

PLANT SYSTEMS ACTUATION INSTRUMENTATION SETPOINTS

<u>TRIP FUNCTION</u>	<u>TRIP SETPOINT</u>	<u>ALLOWABLE VALUE</u>
1. <u>CONTAINMENT SPRAY SYSTEM</u>		
a. Drywell Pressure-High	≤ 1.39 psig	≤ 1.44 psig
b. Containment Pressure-High	≤ 7.84 psig	≤ 8.34 psig
c. Reactor Vessel Water Level-Low Low Low, Level 1	≥ -150.3 inches	≥ -152.5 inches
d. Timers		
1) System A	10.85 ± 0.10 minutes	$10.26 - 0.00, + 1.18$ minutes
2) System B	10.85 ± 0.10 minutes**	$10.26 - 0.00, + 1.18$ minutes
2. <u>FEEDWATER SYSTEM/MAIN TURBINE TRIP SYSTEM</u>		
a. Reactor Vessel Water Level-High, Level 8	≤ 53.5 inches*	≤ 54.1 inches
3. <u>SUPPRESSION POOL MAKEUP SYSTEM</u>		
a. Drywell Pressure - High (ECCS)	≤ 1.39 psig	≤ 1.44 psig
b. Drywell Pressure - High (RPS)	≤ 1.23 psig	≤ 1.43 psig
c. Reactor Vessel Water Level - Low Low Low, Level 1	≥ -150.3 inches*	≥ -152.5 inches
d. Reactor Vessel Water Level - Low Low, Level 2	≥ -41.6 inches*	≥ -43.8 inches
e. Suppression Pool Water Level - Low Low	≥ 17 ft 5 inches	≥ 17 ft 2 inches
f. Suppression Pool Makeup Timer	≤ 29.0 minutes	≤ 29.5 minutes
g. SPMU Manual Initiation	NA	NA

*See Bases Figure B 3/4 3-1.

**Setpoint for System B is the sum of E12-K093B plus E12-K116. E12-K116 is not to exceed 10.00 seconds.

TABLE 4.3.8.1-1

PLANT SYSTEMS ACTUATION INSTRUMENTATION SURVEILLANCE REQUIREMENTS

<u>TRIP FUNCTION</u>	<u>CHANNEL CHECK</u>	<u>CHANNEL FUNCTIONAL TEST</u>	<u>CHANNEL CALIBRATION</u>	<u>OPERATIONAL CONDITIONS IN WHICH SURVEILLANCE REQUIRED</u>
<u>1. CONTAINMENT SPRAY SYSTEM</u>				
a. Drywell Pressure-High	S	M	R ^(a)	1, 2, 3
b. Containment Pressure-High	S	M	R ^(a)	1, 2, 3
c. Reactor Vessel Water Level - Low Low Low, Level 1	S	M	R ^(a)	1, 2, 3
d. Timers	NA	M	Q	1, 2, 3
<u>2. FEEDWATER SYSTEM/MAIN TURBINE TRIP SYSTEM</u>				
a. Reactor Vessel Water Level-High, Level 8	S	M	R	1
<u>3. SUPPRESSION POOL MAKEUP SYSTEM</u>				
a. Drywell Pressure - High (ECCS)	S	M	R ^(a)	1, 2, 3
b. Drywell Pressure - High (RPS)	S	M	R ^(a)	1, 2, 3
c. Reactor Vessel Water Level - Low Low Low, Level 1	S	M	R ^(a)	1, 2, 3
d. Reactor Vessel Water Level - Low Low, Level 2	S	M	R ^(a)	1, 2, 3
e. Suppression Pool Water Level - Low Low	S	M	R ^(a)	1, 2, 3
f. Suppression Pool Makeup Timer	NA	M	Q	1, 2, 3
g. SPMU Manual Initiation	NA	R	NA	1, 2, 3

(a) Calibrate trip unit at least once per 31 days.

INSTRUMENTATION

BASES

3/4.3.7.10 LOOSE-PART DETECTION SYSTEM

The OPERABILITY of the loose-part detection system ensures that sufficient capability is available to detect loose metallic parts in the primary system and avoid or mitigate damage to primary system components. The system consists of 16 sensors, of which only 8 are selected and need to be OPERABLE at a time, to provide the inputs to the 8 monitoring channels. The remaining 8 sensors may be used as replacement sensor inputs for failed sensors or to provide a change in location of the area being monitored. The allowable out-of-service times and surveillance requirements are consistent with the recommendations of Regulatory Guide 1.133, "Loose-Part Detection Program for the Primary System of Light-Water-Cooled Reactors," May 1981.

3/4.3.7.11 RADIOACTIVE LIQUID EFFLUENT MONITORING INSTRUMENTATION

The radioactive liquid effluent monitoring instrumentation is provided to monitor and control, as applicable, the releases of radioactive materials in liquid effluents during actual or potential releases of liquid effluents. The alarm/trip setpoints for these instruments shall be calculated in accordance with the procedures in the ODCM to ensure that the alarm/trip will occur prior to exceeding the limits of 10 CFR Part 20. The OPERABILITY and use of this instrumentation is consistent with the requirements of General Design Criteria 60, 63 and 64 of Appendix A to 10 CFR 50.

3/4.3.7.12 RADIOACTIVE GASEOUS EFFLUENT MONITORING INSTRUMENTATION

The radioactive gaseous effluent monitoring instrumentation is provided to monitor and control, as applicable, gaseous effluents during actual or potential releases. Those instruments that monitor the activity of gaseous effluents being released to the environment shall have their alarm/trip setpoints calculated in accordance with the methods in the ODCM to ensure that the alarm/trip will occur prior to exceeding the limits of 10 CFR Part 20. Other instruments that monitor offgas processing, (i.e., the Explosive Gas Monitor, Offgas Pre-Treatment Monitor, and Offgas Post-Treatment Monitor) are calibrated according to plant procedures. The OPERABILITY and use of this instrumentation is consistent with the requirements of General Design Criteria 60, 63 and 64 of Appendix A to 10 CFR Part 50.

3/4.3.8 PLANT SYSTEMS ACTUATION INSTRUMENTATION

The plant systems actuation instrumentation is provided to initiate action to mitigate the consequences of accidents that are beyond the ability of the operator to control. The LPCI mode of the RHR system is automatically initiated on a high drywell pressure signal and/or a low reactor water level, level 1, signal. The containment spray system will then actuate automatically following high drywell and high containment pressure signals. Negative barometric pressure fluctuations are accounted for in the trip setpoints and allowable values specified for drywell and containment pressure-high. A 10-minute minimum, 13-minute maximum time delay exists between initiation of LPCI and containment spray actuation. A high reactor water level, level 8, signal will actuate the feedwater system/main turbine trip system. The suppression pool makeup system is automatically initiated on a low low suppression pool water level signal with a concurrent LOCA signal or following a specified time delay after receipt of a LOCA signal. The low low suppression pool water level Trip Setpoint and Allowable Value are relative to the surface floor of the suppression pool (93'0 $\frac{1}{2}$ " above mean sea level).



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION

SUPPORTING AMENDMENT NO. 60 TO FACILITY OPERATING LICENSE NO. NPF-29

SYSTEM ENERGY RESOURCES, INC.

GRAND GULF NUCLEAR STATION, UNIT 1

DOCKET NO. 50-416

1.0 INTRODUCTION

By letter dated April 18, 1989, System Energy Resources, Inc. (the licensee), requested an amendment to Facility Operating License No. NPF-29 for the Grand Gulf Nuclear Station, Unit 1. The proposed amendment changes the Technical Specifications (TS) by increasing the suppression pool low water level trip setpoint and allowable value in TS Table 3.3.8-2, "Plant Systems Actuation Instrumentation Setpoints." In addition, the description of the trip function and the suppression pool bottom reference elevation would be changed to reflect as-built plant conditions.

2.0 EVALUATION

The suppression pool makeup (SPMU) system consists of two 100% subsystems, each capable of dumping the makeup water from the upper containment pool to the suppression pool by gravity flow. Each SPMU subsystem consists of one line which penetrates the separator end of the upper containment pool through the side wall and then is routed down to the suppression pool. Each SPMU line has two normally closed motor-operated butterfly valves in series. The valves in each line are powered by the same electrical division. The upper pool makeup water is dumped by gravity flow after opening the two normally closed valves in series in each line. The valves in both lines receive divisionally separate signals to open. The SPMU system is automatically initiated 30 minutes after a LOCA is detected (high drywell pressure or low-low reactor water level) or on low-low suppression pool water level following a LOCA. It can also be manually initiated provided a LOCA signal is present.

The function of the SPMU system is to transfer makeup water from the upper containment pool to the suppression pool after a LOCA to assure that steam vented from the drywell will be condensed. For a LOCA in the drywell, with ECCS injection from the suppression pool, a large volume of water can be held up in the drywell behind the weir wall. This holdup can significantly lower suppression pool water level. The water transfer from the upper containment pool insures a post-LOCA drywell vent submergence at least 2 feet above the top row vents so that steam condensation is maintained until the drywell atmosphere is sufficiently cooled by ECCS flow out of the

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pipe break. The additional makeup water is used as part of the long term suppression pool heat sink. The delayed transfer of this water to the suppression pool provides an initially low vent submergence to minimize vent clearing loads and drywell pressurization.

The suppression pool water level measurement is provided by four instrumentation channels. There are four wide range suppression pool level sensors, and four wide range suppression pool instrumentation channels. The four wide range level channels are used to continuously monitor suppression pool level. During plant operation, the suppression pool water level is maintained between a high level of 18 feet 9 inches and a low level of 18 feet 5 1/2 inches. An alarm is annunciated at the high water level and at the low water level. The SPMU system is actuated at the low low water level setpoint.

TS 3.3.8 gives the requirements for the SPMU system actuation instrumentation. The proposed amendment would change Table 3.3.8-2, Item 3.e, from the current suppression pool water level low-low trip setpoint and allowable value of 16 feet 4 inches and 15 feet 6.5 inches to 17 feet 5 inches and 17 feet 2 inches, respectively. The proposed values are more conservative than the current TS values since the SPMU system would actuate at a higher suppression pool water level than required by the current TS.

The revised setpoint is determined based on operating considerations and conservative analyses. The setting is low enough to prevent inadvertent initiation of the SPMU system, but high enough to assure significant margin is maintained between the actual setpoint and the setpoint assumed in the safety analyses (analytical limit). The analytical limit for low-low suppression pool water level is 16 feet 10 inches. The difference between the allowable value and the analytical limit is the margin established to account for instrument inaccuracies and calibration uncertainties. The trip setpoint has additional margin to account for setpoint drift during the calibration intervals. Instrument setpoints are adjusted to be equal to their specified trip setpoints at each calibration. If during calibration, an instrument setpoint is found to have drifted from its trip setpoint in a nonconservative direction, but not beyond the allowable value, the channel is still within the requirements of the applicable safety analysis.

The NRC staff has reviewed the licensee's requested changes which are proposed to correct errors in the TS. The SPMU system actuation setpoint for suppression pool low low water level is presently incorrectly less than the analytical limit used in LOCA safety analyses. The change in setpoint and allowable value would make the setpoint and allowable value greater than the analytical limit, with sufficient margin to account for instrument drift, instrument inaccuracies and calibration uncertainties. The revised setpoint would not be likely to cause inadvertent actuation of the SPMU

system because there is adequate margin between the normal operating low level (18 feet 5 1/2 inches) and the low-low level setpoint (17 feet 5 inches) to account for instrument drift and inaccuracies. Accordingly, the staff concludes that the proposed changes are acceptable.

The trip function description in TS Tables 3.3.8-1, 3.3.8-2 and 4.3.8.1.-1 would be changed from "Suppression Pool Water Level-Low" to "Suppression Pool Water Level-Low Low" in order to distinguish this function from the low level alarm function at 18 feet 5 1/2 inches. In the TS Bases Section 3/4 3.8, "Plant Systems Actuation Instrumentation," the elevation of the suppression pool floor relative to mean sea level would be changed from 93 feet 6 inches to 93 feet 0 1/4 inches. The changes in trip function description and reference elevation of the pool floor are administrative changes to reflect the as-built plant conditions and, therefore, are acceptable.

3.0 ENVIRONMENTAL CONSIDERATION

This amendment changes a requirement with respect to the installation or use of a facility component located within the restricted area as defined in 10 CFR Part 20 and changes to the surveillance requirements. The staff has determined that the amendment involves no significant increase in the amounts, and no significant change in the types, of any effluents that may be released off site; and that there is no significant increase in individual or cumulative occupational radiation exposure. The Commission has previously issued a proposed finding that this amendment involves no significant hazards consideration and there has been no public comment on such finding. The licensee also provided a no significant hazards consideration analysis, in which the staff concurs. It is as follows:

1. No significant increase in the probability or consequences of an accident previously evaluated results from the change.
 - a. The SPMU system is used to supply the suppression pool with additional water inventory post-LOCA to maintain adequate drywell vent coverage and sufficient long-term heat sink capacity. The accidents previously evaluated that are applicable to the proposed amendment are suppression pool drawdown events associated with LOCAs and inadvertent SPMU system actuations (inadvertent dumps).
 - b. The probability of a suppression pool drawdown event is not affected by the revised SPMU system trip setpoint or allowable value since the SPMU system has an accident mitigative function and not a preventive role. The revised trip setpoint and allowable value do not affect the probability of inadvertent dumps because the values are less than the spectrum of suppression pool water levels assumed in the inadvertent dump analyses and also permitted by TS in the applicable Operational Conditions.

- c. The consequences of a suppression pool drawdown event are not increased by the revised trip setpoint and allowable value because the SPMU system will now actuate at a higher suppression pool water level providing more margin to reduce the likelihood of the drywell vents being uncovered and increasing the amount of water available as a heat sink. The consequences of an inadvertent dump are not increased because the initial suppression pool water levels assumed in the analyses for inadvertent dump events are greater than the revised trip setpoint and allowable value and the volume of water being dumped by the SPMU system remains unchanged.
 - d. The change of the trip function description and the revised suppression pool bottom elevation are being made to reflect the as-built plant and are administrative changes.
 - e. Therefore, there is no increase in the probability or consequences of previously analyzed accidents due to the proposed change.
2. This change would not create the possibility of a new or different kind of accident from any previously evaluated.
- a. The SPMU system is used to add water inventory to the suppression pool following a LOCA. LOCAs and other suppression drawdown events are already analyzed. Inadvertent SPMU system actuations have also been previously analyzed.
 - b. The proposed revision to the TS setpoint and allowable value are consistent with the assumption of the current accident analysis and are requested to correct nonconservative values currently described in the TS. Therefore, revising the trip setpoint and allowable value do not create the possibility of a new or different kind of accident from any previously evaluated.
 - c. The revised trip function description and suppression pool bottom elevation reference are being made to match the as-built plant and are administrative changes.
 - d. Therefore, the possibility of a new or different kind of accident from any previously evaluated is not created.
3. The change would not involve a significant reduction in the margin of safety.
- a. The SPMU system is used to mitigate the consequences of a LOCA event. The suppression pool low-low water level trip function is needed to actuate the SPMU system following a large break LOCA to dump additional water into the suppression pool to

maintain adequate drywell vent coverage. The proposed amendment increases the trip setpoint and allowable value for this trip function. The SPMU system will actuate at a higher suppression pool water level; thereby, ensuring adequate drywell vent coverage post-LOCA. With respect to inadvertent dump events, there will be no effect on the margin of safety since the proposed amendment does not alter the suppression pool water levels assumed in those events or the volume of water added by the SPMU system.

- b. The revised trip function description and suppression pool bottom elevation reference are being made to match the as-built plant and are administrative changes.
- c. Therefore, this proposed change will not involve a reduction in the margin of safety.

This amendment meets the eligibility criteria for categorical exclusion set forth in 10 CFR 51.22(c)(9). Pursuant to 10 CFR 51.22(b), no environmental impact statement or environmental assessment need be prepared in connection with the issuance of this amendment.

4.0 CONCLUSION

The Commission made a proposed determination that this amendment involves no significant hazards consideration, which was published in the Federal Register (54 FR 23325) on May 31, 1989, and consulted with the State of Mississippi. No public comments or requests for hearing were received, and the State of Mississippi did not have any comments.

The staff has concluded, based on the considerations discussed above, that: (1) there is reasonable assurance that the health and safety of the public will not be endangered by operation in the proposed manner, and (2) such activities will be conducted in compliance with the Commission's regulations and the issuance of this amendment will not be inimical to the common defense and the security, or to the health and safety of the public.

Principal Contributor: L. Kintner

Dated: July 3, 1989