



Carolina Power & Light Company
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William R. Campbell
Vice President
Brunswick Nuclear Plant

SERIAL: BSEP 95-0574
DEC 15 1995

United States Nuclear Regulatory Commission
ATTENTION: Document Control Desk
Washington, DC 20555

BRUNSWICK STEAM ELECTRIC PLANT, UNIT NOS. 1 AND 2
DOCKET NOS. 50-325 & 50-324/LICENSE NOS. DPR-71 & DPR-62
SUPPLEMENTAL RESPONSE TO NRC GENERIC LETTER 94-02, "LONG-TERM SOLUTIONS
AND UPGRADE OF INTERIM OPERATING RECOMMENDATIONS FOR THERMAL-
HYDRAULIC INSTABILITIES IN BWRS"

Gentlemen:

On July 11, 1994, the NRC staff issued Generic Letter 94-02, "Long-Term Solutions and Upgrade of Interim Operating Recommendations for Thermal-Hydraulic Instabilities in Boiling Water Reactors." Carolina Power & Light Company's (CP&L) September 9, 1994, letter (Serial: BSEP 94-0350) provided the sixty-day response requested by the generic letter for the Brunswick Steam Electric Plant, Units 1 and 2.

As noted in that letter, CP&L has decided to implement BWROG Enhanced Option 1-A as the long-term stability solution for the Brunswick Plant. CP&L also stated in the September 9, 1994 letter that CP&L's original schedule called for installation and having the system operable during Cycle 12 for Unit 2 and Cycle 11 for Unit 1 contingent upon conformation of joint development activities by the BWROG and NRC acceptance. Due to changes to the BWROG generic design for Enhanced Option 1-A, CP&L has revised our implementation schedule. Currently, the delivery of the hardware and software will not support installation during the Unit 2 refueling outage (B212R1) in the Spring of 1996. This delay will require rescheduling the Unit 2 implementation until the fourth quarter of 1997. Delays in the delivery have not impacted schedules associated with the Unit 1.

Enclosure 1 provides the revised implementation schedule, and Enclosure 2 provides an updated list of commitments.

Please refer any questions regarding this letter to Mr. G. Honma at (910) 457-2741.

Sincerely,

William R. Campbell

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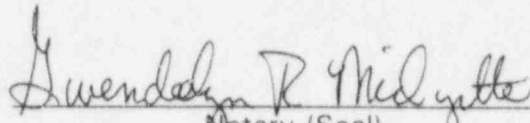
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Enclosures

1. Revised implementation schedule
2. List of Regulatory Commitments

William R. Campbell, having been first duly sworn, did depose and say that the information contained herein is true and correct to the best of his information, knowledge and belief; and the sources of his information are officers, employees, and agents of Carolina Power & Light Company.


Notary (Seal)

My commission expires: August 13, 1996

cc: Mr. S. D. Ebnetter, NRC Regional Administrator, Region II
Mr. D. C. Trimble, Jr., NRR Project Manager - Brunswick Plant
Mr. C. A. Patterson, NRC Senior Resident Inspector - Brunswick Plant
The Honorable H. Wells, Chairman - North Carolina Utilities Commission

ENCLOSURE 1

BRUNSWICK STEAM ELECTRIC PLANT, UNITS 1 AND 2
NRC DOCKET NOS. 50-325 & 50-324
OPERATING LICENSE NOS. DPR-71 & DPR-62

SUPPLEMENTAL RESPONSE TO NRC GENERIC LETTER 94-02
"LONG-TERM SOLUTIONS AND UPGRADE OF INTERIM OPERATING
RECOMMENDATIONS FOR THERMAL-HYDRAULIC INSTABILITIES IN BWRs"

BNP LONG-TERM IMPLEMENTATION SCHEDULE - ENHANCED OPTION I-A

<u>ACTIVITY</u>	<u>SCHEDULE</u>
BNP Submit Unit 1 and 2 License Amendment Request*	4th Quarter 1996
Begin installation - Unit 1 B111R1 Refuel Outage**	4th Quarter 1996
Projected NRC Approval of BNP License Amendment Request	3rd Quarter 1997
BNP Enhanced Option I-A Implementation Complete - Unit 1**	3rd Quarter 1997
Begin installation - Unit 2 B213R1 Refuel Outage**	4th Quarter 1997
BNP Enhanced Option I-A Implementation Complete - Unit 2**	4th Quarter 1997

* Submittal to be made at least six months prior to implementation completion.

** Long-Term modification implementation dates based on current outage start/end dates and are contingent upon NRC acceptance of Enhanced Option I-A as a long-term solution for the instability issue. Dates may change as outage dates shift.

ENCLOSURE 2

BRUNSWICK STEAM ELECTRIC PLANT, UNITS 1 AND 2
NRC DOCKET NOS. 50-325 & 50-324
OPERATING LICENSE NOS. DPR-71 & DPR-62

SUPPLEMENTAL RESPONSE TO NRC GENERIC LETTER 94-02
"LONG-TERM SOLUTIONS AND UPGRADE OF INTERIM OPERATING
RECOMMENDATIONS FOR THERMAL-HYDRAULIC INSTABILITIES IN BWRS"

LIST OF REGULATORY COMMITMENTS

The following table identifies those actions committed to by Carolina Power & Light Company in this document. Any other actions discussed in the submittal represent intended or planned actions by Carolina Power & Light Company. They are described to the NRC for the NRC's information and are not regulatory commitments. Please notify the Manager-Regulatory Affairs at the Brunswick Nuclear Plant of any questions regarding this document or any associated regulatory commitments.

Commitment	Committed date or outage**
1. CP&L plans to have the long-term instability solution (Option I-A) operational during the third quarter of 1997 on Unit 1 (Cycle 11) and the fourth quarter of 1997 on Unit 2 (Cycle 12).	4Q97 (Unit 2) 3Q97 (Unit 1)
2. The Technical Specifications proposed in NEDO-32339 for Enhanced Option I-A will be revised, as necessary, for the Brunswick Plant and submitted to the NRC staff at least 6 months prior to final implementation of Enhanced Option I-A at the Brunswick Plant.	4Q96

** Long-Term modification implementation dates based on current outage start/end dates and are contingent upon NRC acceptance of Enhanced Option I-A as a long-term solution for the instability issue. Dates may change as outage dates shift.