



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

SERIAL: BSEP 96-0136

April 18, 1996

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
RESPONSE TO THE NRC GENERIC LETTER 96-01, "TESTING OF SAFETY-RELATED LOGIC
CIRCUITS"

Gentlemen:

On January 10, 1996, the NRC issued Generic Letter (GL) 96-01, "Testing of Safety-Related Logic Circuits." The generic letter notified addressees regarding problems with testing of safety-related logic circuits, requests that addressees implement the actions described therein, and requires addressees to submit within 60 days of the date of the generic letter a written response regarding the implementation actions. The NRC's February 14, 1996 letter extended the GL 96-01 response submittal date to no later than April 18, 1996, based on the March 19, 1996 Nuclear Energy Institute (NEI) workshop. CP&L agrees to perform the requested actions as restated in the Enclosure 1.

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

Sincerely,

William R. Campbell

GMT/gmt

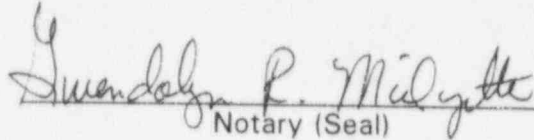
Enclosure:

24005 1. Response
List of Regulatory Commitments

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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 12, 1996

cc: Mr. S. D. Ebreter, NRC Regional Administrator, Region II
Mr. C. A. Patterson, NRC Senior Resident Inspector - Brunswick Plant
Mr. D. C. Trimble, Jr., NRR Project Manager - 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

RESPONSE TO THE NRC GENERIC LETTER 96-C-1,
"TESTING OF SAFETY-RELATED LOGIC CIRCUITS"

Requested Actions

CP&L's Brunswick Steam Electric Plant, Unit Nos. 1 and 2 plan to implement the requested actions of Generic Letter (GL) 96-01 as described in the following:

A. NRC Requested Actions

1. *Compare electrical schematic drawings and logic diagrams for the reactor protection system, EDG load shedding and sequencing, and actuation logic for the engineered safety features systems against plant surveillance test procedures to ensure that all portions of the logic circuitry, including the parallel logic, interlocks, bypasses and inhibit circuits, are adequately covered in the surveillance procedures to fulfill the TS requirements. This review should also include relay contacts, control switches, and other relevant electrical components within these systems, utilized in the logic circuits performing a safety function.*
2. *Modify the surveillance procedures as necessary for complete testing to comply with the technical specifications. Additionally, the licensee may request an amendment to the technical specifications if relief from certain testing requirements can be justified.*

It is requested the completion of these actions be accomplished prior to startup from the first refueling outage commencing one year after the issuance of this generic letter.

Remaining NRC Required Response

Within 30 days of completion of the requested actions, a response confirming completion.

CP&L Response

CP&L will undertake a program to implement the above stated NRC Requested Actions. Surveillance procedures identified as needing revision will be modified as necessary to comply with technical specifications or if appropriate, an amendment to technical specifications will be submitted. These actions will be completed prior to startup from the first refueling outage commencing one year after the issuance of GL 96-01. These outages are, the Unit 2 outage (B213R1) scheduled for the 3rd Quarter of 1997, and the Unit 1 outage (B112R1) scheduled for the 2nd Quarter of 1998.

Within 30 days of completion of the NRC Requested Actions on both Units, a response will confirm the completion of the above actions.

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

RESPONSE TO THE NRC GENERIC LETTER 96-01,
"TESTING OF SAFETY-RELATED LOGIC CIRCUITS"

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 will undertake a program to implement the above stated NRC Requested Actions. Surveillance procedures identified as needing revision will be modified as necessary to comply with technical specifications. These actions will be completed prior to startup from the first refueling outage commencing one year after the issuance of GL 96-01.	U-1 B112R1 U-2 B213R1
2. Within 30 days of completion of the NRC Requested Actions on both Units, a response will confirm the completion.	N/A