

CORRECTED PAGE

- 2 -

standby power converter unit, and switching modules with new equipment rated at 50 kVA. The UPS system modification is scheduled to be completed for Unit 1 during the current refueling outage.

The proposed modification of the UPS system (50 kVA) was evaluated for its impact on the DC battery load study. The loads fed from the UPS power conversion module are not altered by this modification. However, there is an increase in the load from the batteries due to a decrease in the efficiency of the new 50 kVA system. Even with the additional 20 amp increase, the configuration of two lighting inverters is a conservative loading of the B division battery and bus. The loading of the power conversion modules does not exceed the combination of the greatest load on the battery system which was used for the load study. While the capacity margin of the batteries is slightly reduced, the proposed modification has been bounded by the 1984 battery load study. The proposed change to Surveillance Requirement 4.8.2.3.1.(b) to delete reference to 37.5 kVA power conversion modules and to clearly add a definition of the load configuration is acceptable.

3.0 ENVIRONMENTAL CONSIDERATIONS

An Environmental Assessment has been prepared pursuant to 10 CFR Part 51.32 and published in the FEDERAL REGISTER on May 27, 1987 at 52 FR 19787.

4.0 CONCLUSION

The Commission has issued a "Notice of Consideration of Issuance of Amendments to Facility Operating Licenses and Opportunity for Prior Hearing" which was published in the FEDERAL REGISTER (51 FR 44158) on December 8, 1986, and consulted with the State of North Carolina. No public comments or requests for hearing were received, and the State of North Carolina did not have any comments.

We have 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 the amendments will not be inimical to the common defense and security or to the health and safety of the public.

Principal Contributor: S. Rhow

Dated: May 27, 1987

May 28, 1987

Docket Nos. 50-325/324

Mr. E. E. Utley
Senior Executive Vice President
Power Supply and Engineering & Construction
Carolina Power & Light Company
P. O. Box 1551
Raleigh, North Carolina 27602

Dear Mr. Utley:

SUBJECT: CORRECTION PAGE TO SAFETY EVALUATION ISSUED WITH AMENDMENTS 109 AND
136 FOR BRUNSWICK STEAM ELECTRIC PLANT, UNITS 1 AND 2

On May 27, 1987, the Nuclear Regulatory Commission issued Amendments 109 and
136 for Brunswick Steam Electric Plant, Units 1 and 2. The Federal Register
citation for the Environmental Assessment publication was inadvertently omitted
from the Safety Evaluation. We are enclosing a corrected page to be inserted
into your copy of the Safety Evaluation.

Sincerely,

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

Enclosure:
As Stated

cc w/Enclosure:
See next page

LA: *[Signature]*
PAnderson/pda
05/28/87

PM: PDII-1 *[Signature]*
ESylvester
05/28/87

D: PDII-1
EAdensam
05/28/87
[Signature]

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Mr. E. E. Utley
Carolina Power & Light Company

Brunswick Steam Electric Plant
Units 1 and 2

cc:

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standby power converter unit, and switching modules with new equipment rated at 50 kVA. The UPS system modification is scheduled to be completed for Unit 1 during the current refueling outage.

The proposed modification of the UPS system (50 kVA) was evaluated for its impact on the DC battery load study. The loads fed from the UPS power conversion module are not altered by this modification. However, there is an increase in the load from the batteries due to a decrease in the efficiency of the new 50 kVA system. Even with the additional 20 amp increase, the configuration of two lighting inverters is a conservative loading of the B division battery and bus. The loading of the power conversion modules does not exceed the combination of the greatest load on the battery system which was used for the load study. While the capacity margin of the batteries is slightly reduced, the proposed modification has been bounded by the 1984 battery load study. The proposed change to Surveillance Requirement 4.8.2.3.1.(b) to delete reference to 37.5 kVA power conversion modules and to clearly add a definition of the load configuration is acceptable.

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Principal Contributor: S. Rhow

Dated: May 27, 1987

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Docket Nos. 50-325/324

AMENDMENT NOS. 109 AND 136 TO FACILITY OPERATING LICENSE NOS. DPR-71 AND
DPR-62, BRUNSWICK STEAM ELECTRIC PLANT, UNIT NOS. 1 AND 2

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