



Carolina Power & Light Company

Brunswick Steam Electric Plant
P. O. Box 10429
Southport, NC 28461-0429
April 12, 1988

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Dr. J. Nelson Grace, Administrator
U.S. Nuclear Regulatory Commission
Suite 2900
101 Marietta Street NW
Atlanta, GA 30323

BRUNSWICK STEAM ELECTRIC PLANT UNITS 1 AND 2
DOCKET NOS. 50-325 AND 50-324
LICENSE NOS. DPR-71 AND DPR-62
UPDATE STATUS OF BRUNSWICK STRATEGY FOR AVOIDING
PARTIAL LOW LEVEL NO. 2 INITIATIONS/ISOLATIONS ON SCRAMS

Dear Dr. Grace:

On August 4, 1987, Carolina Power & Light Company (CP&L) participated in the Performance Update Meeting with Region II and committed to provide an update status concerning the Brunswick strategy for avoiding partial low level No. 2 initiations/isolations on scrams. That update was provided on October 13, 1987 (Serial No. BSEP/87-1145).

CP&L is reconsidering the commitment to reduce the low level No. 2 water level setpoint. The reason for this is our conclusion that the previously reported interim measure of raising the normal water level from 187 to 190 inches provides an adequate margin between the normal operating level and the low level No. 2 setpoint to avoid spurious initiations resulting from transitory water level migrations into the low level No. 2 setpoint tolerance band. We intend to evaluate plant response to assure this solution is satisfactory and will take additional future action, as appropriate. Additionally, it should be noted that CP&L has taken action on Brunswick Unit 2 to lower the trip setpoint for main steam isolation valves from low level No. 2 to low level No. 3. This action, when coupled with the increase in normal operating level, should alleviate the safety significance of partial low level No. 2 initiations/isolations on scrams. The modification for closure of the main steam isolation valves on Group 3 vice Group 2 is scheduled for completion during the fall 1988 outage for Unit 1. The operating level increase from 187 to 190 inches is in effect on both units.

Very truly yours,

C. R. Dietz, General Manager
Brunswick Steam Electric Plant

RMP/tlw

Enclosure

cc: Mr. E. D. Sylvester
BSEP NRC Resident Office

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