



Carolina Power & Light Company

P.O. Box 1551 • Raleigh, N.C. 27602

MAR 11 1991

SERIAL: NLS-91-063
10CFR50.55a

G. E. VAUGHN
Vice President
Nuclear Services Department

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

BRUNSWICK STEAM ELECTRIC PLANT, UNIT NO. 2
DOCKET NO. 50-324/LICENSE NO. DPR-62
SUPPLEMENT TO ASME CODE RELIEF REQUEST
SERVICE WATER
(NRC TAC NO. 79382)

Gentlemen:

On January 7, 1991, Carolina Power & Light Company submitted ASME Code relief request in accordance with 10 CFR 50.55a pertaining to a temporary repair to the service water supply line to diesel generator no. 4. During the February 1991 Licensing Issues Meeting held on February 27, 1991, the NRR staff requested information concerning the feasibility of performing the permanent repairs to this line while Unit 2 is operating. This letter provides the requested information.

Carolina Power & Light Company considered performing the permanent repairs to the service water supply line to diesel generator no. 4 while Unit 2 is operating. However, this would require isolation of the line and, as such, entering a voluntary 7-day Limiting Condition for Operation (LCO) for diesel generator no. 4. Since the diesel generators are shared between Units 1 and 2, an LCO on diesel generator no. 4 would affect both units. If a second diesel generator were then to become inoperable a 12-hour LCO would be entered on each unit which would likely result in an unscheduled shutdown of one or both units. From a probabilistic risk analysis standpoint, entering a voluntary LCO on diesel generators is not desirable. Therefore, to reduce the risk of a forced shutdown of one or both units, CP&L determined that completing the permanent repairs during a Unit 2 outage would be a better option.

The diesel generator service water relief request, submitted on January, 7, 1991, demonstrates that there are no operability concerns associated with the temporary repair. Therefore, it is not prudent to perform the permanent repair while Unit 2 is operating as it would require that a safety system be removed from service and risk possible shutdown of a unit.

9103190192 910311
PDR ADOCK 05000324
P PDR

100044

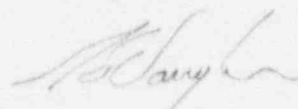
A047
110

Document Control Desk
NLS-91-063 / Page 2

The diesel generator service water relief request, submitted on January, 7, 1991, stated that permanent repairs of the service water supply line would be made during the next Unit 2 maintenance outage which, at that time, was scheduled to begin on April 13, 1991. Subsequently, actions are being taken to eliminate the need for this outage. Therefore, CF&L currently plans to perform the permanent repairs during the Unit 2 Reload 9 outage, currently scheduled to begin in September 1991. As committed to in the January 7, 1991 submittal, the Company will continue to perform weekly surveillances to monitor for leakage from this pipe and UT NDEs every 3 months until the permanent fix is installed. A permanent repair will be implemented if these inspections reveal that it is necessary.

Please refer any questions regarding this submittal to Mr. M. R. Oates at (919) 546-6063.

Yours very truly,



G. E. Vaughn

GEV/MAT

cc: Mr. S. D. Ebnetter
Mr. N. B. Le
Mr. R. L. Prevatte