



Carolina Power & Light Company

P.O. Box 1551 • Raleigh, N.C. 27602

JUN 07 1989

SERIAL: NLS-89-137

A. B CUTTER
Vice President
Nuclear Services Department

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

SHEARON HARRIS NUCLEAR POWER PLANT
DOCKET NO. 50-400/LICENSE NO. NPF-63
SUPPLEMENT TO REQUEST FOR LICENSE AMENDMENT
REFUELING OPERATIONS - LOW WATER LEVEL

Gentlemen:

Carolina Power & Light Company hereby submits a supplement to the February 22, 1989 license amendment request regarding Specification 3.9.8.2, Refueling Operations - Low Water Level which revises Surveillance Requirement 4.9.8.2 to delete the Residual Heat Removal (RHR) minimum flow requirement of 2500 gpm when the reactor water level is below the reactor vessel flange. This letter revises Surveillance Requirement 4.9.8.2.2 to impose a minimum flow requirement of 900 gpm when the reactor water level is below the reactor vessel flange. Westinghouse performed an engineering evaluation to verify that a minimum RHR flow requirement of 900 gpm will provide sufficient mixing should a Mode 6 boron dilution event occur.

The revised Technical Specification pages, including both the marked-up and retyped versions, are included in Enclosure 1. The enclosed change is more restrictive than that originally proposed. As such, the 10CFR50.92 Evaluation and the Environmental Evaluation provided in the Company's February 22, 1989 submittal remain valid.

Please refer any questions regarding this submittal to Mr. Mark A. Turkal at (919) 362-2985.

Yours very truly,



A. B. Cutter

ABC/MAT

Enclosure..

cc: Mr. R. A. Becker
Mr. W. H. Bradford
Mr. Dayne H. Brown
Mr. S. D. Ebnetter

8906120028 890607
PDR ADOCK 05000400
P PDC

A061
11

1950
1951
1952
1953
1954
1955
1956
1957
1958
1959
1960

1961
1962
1963
1964
1965
1966
1967
1968
1969
1970