



Carolina Power & Light Company
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James Scarola
Vice President
Harris Nuclear Plant

MAR 14 2000

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

SERIAL: HNP-00-059

SHEARON HARRIS NUCLEAR POWER PLANT
DOCKET NO. 50-400/LICENSE NO. NPF-63
REQUEST FOR LICENSE AMENDMENT
CONTAINMENT PENETRATIONS

Dear Sir or Madam:

On August 26, 1999, Harris Nuclear Plant (HNP) submitted a proposed license amendment for a revision to the Technical Specifications (TS). The proposed amendment revises the TS 3/4.9.4 to allow containment penetrations to be open, under administrative controls, during core alterations and movement of irradiated fuel assemblies in containment. The proposed amendment was supplemented on February 24, 2000, to specify that administrative controls are not required to maintain radiation dose well below the standard review plan limit with a Containment Building Penetration open during a fuel handling accident in the Containment Building.

The NRC has recently identified a generic industry issue regarding radiation inleakage into the main control room during accident conditions potentially being higher than assumed in certain analysis. Pending resolution of this issue, HNP proposes to revise the proposed license amendment to limit applicability of the provision to allow penetrations to be open under administrative controls through cycle 10 only. This would include refueling outage 9 but would not include refueling outage 10.

This supplemental information does not affect the conclusions of either the 10 CFR 50.92 evaluation or the Environmental Considerations submitted as part of HNP's August 26, 1999 letter.

CP&L requests that the proposed amendment be issued such that implementation will occur within 60 days of issuance to allow time for procedure revision and orderly incorporation into copies of the Technical Specifications.

Please refer any questions regarding this submittal to Mr. J. H. Eads at (919) 362-2646.

Sincerely,

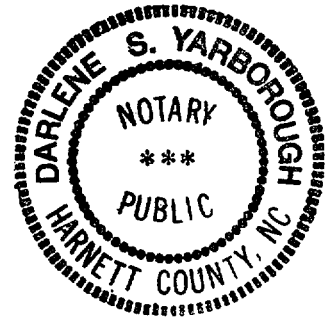
J. Scarola, having been first duly sworn, did depose and say that the information contained herein is true and correct to the best of his information, knowledge and belief, and the sources of his information are employees, contractors, and agents of Carolina Power & Light Company.

Darlene S. Yarbrough

Notary (Seal)

My commission expires: 2-21-2005

MSE/mse



c: Mr. J. B. Brady, NRC Sr. Resident Inspector
Mr. Mel Fry, Director, NC DEHNR
Mr. R. J. Laufer, NRC Project Manager
Mr. L. A. Reyes, NRC Regional Administrator

ENCLOSURE TO SERIAL: HNP-00-059

SHEARON HARRIS NUCLEAR POWER PLANT
NRC DOCKET NO. 50-400/LICENSE NO. NPF-63
REQUEST FOR LICENSE AMENDMENT
TECHNICAL SPECIFICATION TS 3/4.9.4

TECHNICAL SPECIFICATION PAGES

REFUELING OPERATIONS

3/4.9.4 CONTAINMENT BUILDING PENETRATIONS

LIMITING CONDITION FOR OPERATION

3.9.4 The containment building penetrations shall be in the following status:

- a. The equipment door closed and held in place by a minimum of four bolts, *capable of being* ADD
- b. A minimum of one door in each airlock is closed ~~and~~
- c. Each penetration providing direct access from the containment atmosphere to the outside atmosphere shall be either:
 - 1. *Be capable of being** - ADD closed by a manual or automatic isolation valve, blind flange or equivalent, or
 - 2. Be capable of being closed by OPERABLE automatic normal containment purge and containment pre-entry purge makeup and exhaust isolation valves.

APPLICABILITY: During CORE ALTERATIONS or movement of irradiated fuel within the containment.

ACTION:

With the requirements of the above specification not satisfied, immediately suspend all operations involving CORE ALTERATIONS or movement of irradiated fuel in the containment building.

SURVEILLANCE REQUIREMENTS

4.9.4 Each of the above required containment building penetrations shall be determined to be either in its closed/isolated condition *capable of being closed/isolated** or capable of being closed by OPERABLE automatic normal containment purge and containment pre-entry purge makeup and exhaust isolation valves at least once per 7 days during CORE ALTERATIONS or movement of irradiated fuel in the containment building by:

- a. Verifying the penetrations are *either* - ADD in their ~~closed/isolated~~ *condition*, ~~or~~ *or capable of being closed/isolated** ADD
- b. Testing the normal containment purge and containment pre-entry purge makeup and exhaust isolation valves per the applicable portions of Specification 4.6.3.2.

* Penetrations may be opened under administrative controls except for containment purge and exhaust penetrations. This allowance is permitted for refueling outage 9 and cycle 10 only. Operation under these administrative controls has not been approved for refueling outage 10. ADD

REFUELING OPERATIONS

3/4.9.4 CONTAINMENT BUILDING PENETRATIONS

LIMITING CONDITION FOR OPERATION

3.9.4 The containment building penetrations shall be in the following status:

- a. The equipment door closed and held in place by a minimum of four bolts.
- b. A minimum of one door in each airlock is capable of being closed*, and
- c. Each penetration providing direct access from the containment atmosphere to the outside atmosphere shall be either:
 1. Be capable of being* closed by a manual or automatic isolation valve, blind flange or equivalent, or
 2. Be capable of being closed by OPERABLE automatic normal containment purge and containment pre-entry purge makeup and exhaust isolation valves.

APPLICABILITY: During CORE ALTERATIONS or movement of irradiated fuel within the containment.

ACTION:

With the requirements of the above specification not satisfied, immediately suspend all operations involving CORE ALTERATIONS or movement of irradiated fuel in the containment building.

SURVEILLANCE REQUIREMENTS

4.9.4 Each of the above required containment building penetrations shall be determined to be either in its closed/isolated condition, capable of being closed/isolated*, or capable of being closed by OPERABLE automatic normal containment purge and containment pre-entry purge makeup and exhaust isolation valves at least once per 7 days during CORE ALTERATIONS or movement of irradiated fuel in the containment building by:

- a. Verifying the penetrations are either closed/isolated or capable of being closed/isolated*, or
- b. Testing the normal containment purge and containment pre-entry purge makeup and exhaust isolation valves per the applicable portions of Specification 4.6.3.2.

* Penetrations may be opened under administrative controls except for containment purge and exhaust penetrations. This allowance is permitted for refueling outage 9 and cycle 10 only. Operation under these administrative controls has not been approved for refueling outage 10.