



Christopher L. Burton
Vice President
Harris Nuclear Plant
Progress Energy Carolinas, Inc.

JUN 06 2011

Serial: HNP-11-055
10 CFR 50.54(f)

U.S. Nuclear Regulatory Commission
ATTENTION: Document Control Desk
Washington, DC 20555

SHEARON HARRIS NUCLEAR POWER PLANT, UNIT 1
DOCKET NO. 50-400/RENEWED LICENSE NO. NPF-63
30-DAY RESPONSE TO NRC BULLETIN 2011-01,
"MITIGATING STRATEGIES"

Reference: NRC Bulletin 2011-01, "Mitigating Strategies," dated May 11, 2011

Ladies and Gentlemen:

In accordance with Title 10 of the Code of Federal Regulations (10 CFR) Section 50.54(f), Carolina Power & Light Company (CP&L), doing business as Progress Energy Carolinas, Inc. (PEC), hereby submits the Harris Nuclear Plant, Unit 1 (HNP), required 30-day response to NRC Bulletin 2011-01, "Mitigating Strategies." The Bulletin required licensees to provide information within 30-days of the date of the Bulletin confirming continued compliance with 10 CFR 50.54(hh)(2) regarding: (1) the availability and capability of equipment to perform its intended function as necessary to execute mitigating strategies, as described in licensee submittals to the NRC, and (2) the capability of the guidance and strategies implemented to be executed considering the current facility configuration and current staffing and skill levels of staff.

The Enclosure to this letter provides the information requested in Bulletin 2011-01 for the required 30-day response.

This document contains no new Regulatory Commitment.

Please refer any questions regarding this submittal to Mr. Dave Corlett, Supervisor - Licensing/Regulatory Programs, at (919) 362-3137.

P.O. Box 165
New Hill, NC 27562

T > 919.362.2502
F > 919.362.2095

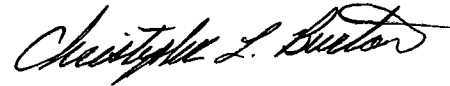
A146
NRC

Serial: HNP-11-055

Page 2

I declare under penalty of perjury that the foregoing is true and correct. Executed on
[JUN 06 2011]

Sincerely,



Christopher L. Burton
Vice President
Harris Nuclear Plant

CLB/kab

Enclosure: Required 30-Day Response to NRC Bulletin 2011-01

cc: Mr. J. D. Austin, NRC Sr. Resident Inspector, HNP
Mr. W. L. Cox, III, Section Chief, N.C. DENR
Mrs. B. L. Mozafari, NRC Project Manager, HNP
Mr. V. M. McCree, NRC Regional Administrator, Region II

SHEARON HARRIS NUCLEAR POWER PLANT, UNIT NO. 1
DOCKET NO. 50-400/RENEWED LICENSE NO. NPF-63
30-DAY RESPONSE TO NRC BULLETIN 2011-01

By letter dated May 11, 2011, the Nuclear Regulatory Commission (NRC) issued Bulletin 2011-01, "Mitigating Strategies" to achieve the following objectives:

1. To require that addressees provide a comprehensive verification of their compliance with the regulatory requirements of Title 10 of the Code of Federal Regulations (10 CFR) Section 50.54(hh)(2),
2. To notify addressees about the NRC staff's need for information associated with licensee mitigating strategies under 10 CFR 50.54(hh)(2) in light of the recent events at Japan's Fukushima Daiichi facility in order to determine if 1) additional assessment of program implementation is needed, 2) the current inspection program should be enhanced, or 3) further regulatory action is warranted, and
3. To require that addressees provide a written response to the NRC in accordance with 10 CFR 50.54(f).

In order to confirm continued compliance with 10 CFR 50.54(hh)(2), the NRC Bulletin required the licensee provide, within 30 days of the date of Bulletin 2011-01, information on licensee mitigating strategies programs. The Bulletin questions required for the 30-day response are restated below followed by the Carolina Power & Light Company (CP&L), now doing business as Progress Energy Carolinas, Inc., response for the Harris Nuclear Plant, Unit 1 (HNP).

- 1. Is the equipment necessary to execute the mitigating strategies, as described in your submittals to the NRC, available and capable of performing its intended function?**

Response

CP&L has confirmed that the equipment necessary to execute the mitigating strategies, as described in submittals to the NRC (References 1 through 7) and as reviewed and approved by the NRC (Reference 8), is available and capable of performing its intended function at HNP.

- 2. Are the guidance and strategies implemented capable of being executed considering the current configuration of your facility and current staffing and skill levels of the staff?**

Response

CP&L has confirmed that the guidance and strategies implemented are capable of being executed considering the current configuration of HNP and the current staffing and skill levels of the staff at HNP.

SHEARON HARRIS NUCLEAR POWER PLANT, UNIT NO. 1
DOCKET NO. 50-400/RENEWED LICENSE NO. NPF-63
30-DAY RESPONSE TO NRC BULLETIN 2011-01

References:

1. Letter from T. Morton to the NRC, "Response to February 25, 2005, NRC Letter, Subject: NRC Staff Guidance for Use in Achieving Satisfactory Compliance with February 25, 2002, Order Section B.5.b," dated May 31, 2005.
2. Letter from C. Kamilaris to the NRC, "Harris Nuclear Plant – Response to NRC Letter dated November 2, 2005, 'Request for Additional Information Regarding the February 2002, Order Section B.5.b, for Brunswick, Crystal River, Shearon Harris, and Robinson Nuclear Plants'," dated December 14, 2005
3. Letter from C. Gannon to the NRC, "Harris Nuclear Plant – Response to NRC Letter dated December 2, 2005, 'Demand for Information: Shearon Harris Nuclear Plant'," dated January 19, 2006.
4. Letter from R. Duncan to the NRC, "Shearon Harris Nuclear Power Plant – Report of Inspection of Nuclear Reactor Safeguards Interim Compensatory Measure – Section B.5.b, Temporary Instruction 2515/164 NRC Inspection Report 05000400/2005008," dated February 24, 2006.
5. Letter from C. Gannon to the NRC, "Harris Nuclear Plant – Supplemental Response to NRC Letter Dated January 25, 2006, 'Shearon Harris Nuclear Plant – Report of Inspection of Nuclear Reactor Safeguards Interim Compensatory Measure – Section B.5.b, Temporary Instruction 2515/164 – NRC Inspection Report 05000400/2005008'," dated August 2, 2006.
6. Letter from R. Duncan to the NRC, "Shearon Harris Nuclear Power Plant, Unit No. 1, Docket No. 50-400/License No. NPF-63, Response Providing Information Regarding Implementation Details for the Phase 2 and 3 Mitigation Strategies," dated February 12, 2007.
7. Letter from R. Duncan to the NRC, "Response to Verbal Request for Additional Information Regarding Harris Nuclear Plant Letter HNP-07-003 Dated February 12, 2007," dated April 27, 2007.
8. Letter from the NRC to Carolina Power & Light Company, "Shearon Harris Nuclear Power Plant, Unit 1 – Conforming License Amendment to Incorporate the Mitigation Strategies Required by Section B.5.b. of Commission Order EA-02-026 (TAC NO. MD4537)," dated July 26, 2007.