



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

SEP 28 2010

Serial: HNP-10-110
10 CFR 50.90

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

SHEARON HARRIS NUCLEAR POWER PLANT, UNIT NO. 1
DOCKET NO. 50-400/RENEWED LICENSE NO. NPF-63
WITHDRAWAL OF BWR BORAFLEX LICENSE AMENDMENT REQUEST
(TAC NO. ME0012)

Ladies and Gentlemen:

On September 29, 2008, Harris Nuclear Plant (HNP) submitted a License Amendment Request (LAR) to revise its Technical Specifications to incorporate an updated criticality analysis reflecting the removal of credit for Boraflex in HNP's BWR spent fuel pool storage racks.

Based on the complexity of the additional calculations needed to provide a complete response to the NRC's Request for Additional Information dated July 20, 2010 (ML101940252), HNP has decided to withdraw the September 29, 2008, LAR incorporating an updated criticality analysis to reflect the removal of credit for Boraflex in HNP's BWR spent fuel pool storage racks.

A new LAR will be submitted in early 2011.

In accordance with 10 CFR 50.91(b), HNP is providing the state of North Carolina with a copy of this letter.

This document contains no regulatory commitments.

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

I declare under penalty of perjury that the foregoing is true and correct. Executed on
SEP 28 2010.

Sincerely,

Christopher L. Burton

CLB/kms

P.O. Box 165
New Hill, NC 27562

T > 919.362.2502
F > 919.362.2095

A001
NRR

Serial: HNP-10-110

Page 2

cc:

Mr. J. D. Austin, NRC Sr. Resident Inspector, HNP

Mr. W. L. Cox, III, Section Chief, DENR

Mr. L. A. Reyes, NRC Regional Administrator, Region II

Ms. M. G. Vaaler, NRC Project Manager, HNP