



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

Serial: HNP-10-034  
10 CFR 50.90

MAR 22 2010

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  
REQUEST FOR LICENSE AMENDMENT  
PROPOSED REVISION TO TECHNICAL SPECIFICATION 3.6.2.2.a,  
SURVEILLANCE REQUIREMENT 4.6.2.2.d AND ASSOCIATED TS BASES  
TO INCORPORATE AN EXPANDED RANGE OF EDUCTOR FLOW RATES

Reference: Letter from C. L. Burton to the Nuclear Regulatory Commission (Serial: HNP-10-006), "Request for License Amendment Proposed Revision to Technical Specification 3.6.2.2.a, Surveillance Requirement 4.6.2.2.d and Associated TS Bases to Incorporate an Expanded Range of Eductor Flow Rates," dated January 27, 2010 (ML100340282)

Ladies and Gentlemen:

The Harris Nuclear Plant (HNP) submitted a License Amendment Request (LAR) dated January 27, 2010, to the NRC (Reference) to revise Technical Specification (TS) 3.6.2.2.a, Surveillance Requirement 4.6.2.2.d and associated TS Bases to incorporate an expanded range of eductor flow rates. Enclosure 2 of that submittal contained Numerical Applications, Inc., Report Number NAI-1478-001, Revision 0 (Non-Proprietary), titled "HNP CSAT Volume, Flow and NaOH Concentration Range Revisions," as docketed under ML100340284.

An administrative error has been discovered in equation (18) on page 16 of the above Numerical Applications, Inc. report, resulting in the issuance of NAI-1478-001, Revision 1. This typographical error, which only affects the replication of the " $\log(Q_{1,1})$ " formula on the above page, does not impact any of the computations or results contained in NAI-1478-001, Revision 0 as provided in the referenced LAR. Revision 1 of NAI-1478-001 is provided in the Enclosure to this current submittal to replace NAI-1478-001, Revision 0 in its entirety.

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

This document contains no regulatory commitments.

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

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ADD  
NRK

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I declare under penalty of perjury that the foregoing is true and correct. Executed on  
**MAR 22 2010**.

Sincerely,



CLB/kms

Enclosure: NAI-1478-001, Revision 1

cc: Mr. J. D. Austin, NRC Sr. Resident Inspector, HNP  
Mr. W. L. Cox, III, Section Chief N. C. DENR  
Mr. L. A. Reyes, NRC Regional Administrator, Region II  
Ms. M. G. Vaaler, NRC Project Manager, HNP