



Serial: HNP-08-038
10 CFR 50.55a

APR 29 2008

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

SHEARON HARRIS NUCLEAR POWER PLANT, UNIT NO. 1
DOCKET NO. 50-400/LICENSE NO. NPF-63
THIRD INTERVAL INSERVICE INSPECTION PROGRAM SUBMITTAL

Ladies and Gentlemen:

In accordance with 10 CFR 50.55a(g)(4)(ii), Carolina Power and Light Company, doing business as Progress Energy Carolinas, Inc., submits the Harris Nuclear Plant (HNP) Inservice Inspection (ISI) Program and associated Relief Requests for the third ten-year ISI interval. This ISI Program has been prepared in accordance with Section XI of the American Society of Mechanical Engineers (ASME) Boiler and Pressure Vessel (B&PV) Code, 2001 Edition with addenda through 2003, except where specific relief from the B&PV Codes has been requested. HNP's third ten-year ISI interval, which commenced on May 2, 2007, will end on May 1, 2017.

Requests for relief pursuant to 10 CFR 50.55a(a)(3) are included in Section 8 of Enclosure 1 (Volume 1 – Program Plan). Relief request I3R-01, which was authorized by the NRC (ML072760737) on October 10, 2007, is included in this Program Plan for completeness. No further action on I3R-01 is required.

The relief requests submitted for approval (I3R-02, I3R-03 and I3R-04) are duplicated as Enclosure 3 of this submittal for convenience in NRC review.

Relief Request I3R-02 is for the Risk-Informed selection of piping welds. This relief request is requesting the same type of relief as was authorized by the NRC (ML060390556) on March 8, 2006, for the second interval ISI Program.

Relief Request I3R-03 is for the seal leak-off line from the flange of the Reactor Vessel.

Relief Request I3R-04 is for the Class 1 end of interval pressure test, and requests the same type of relief as was authorized by the NRC (ML060870387) on April 17, 2006, for the second interval ISI Program.

This document contains no new regulatory commitments.

Please refer any question regarding this submittal to me at (919) 362-3137.

Progress Energy Carolinas, Inc.
Harris Nuclear Plant
P. O. Box 165
New Hill, NC 27562

A047
NRR

Sincerely,



D. H. Corlett
Supervisor – Licensing/Regulatory Programs
Harris Nuclear Plant

DHC/kms

Enclosures:

1. HNP-ISI-003, Volume 1 (ISI Program Plan)
2. HNP-ISI-003, Volume 2 (ISI Selection Document), containing 3 Attachments
3. Relief Requests for Approval (I3R-02, I3R-03, I3R-04), containing 3 Attachments

cc (via CD-ROM):

Mr. P. B. O'Bryan, NRC Sr. Resident Inspector
Mr. Larry Jones, Harris Plant Authorized Nuclear Inservice Inspector
Mr. V. M. McCree, NRC Acting Regional Administrator, Region II
Ms. M. G. Vaaler, NRC Project Manager