



**UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION II
SAM NUNN ATLANTA FEDERAL CENTER
61 FORSYTH STREET SW SUITE 23T85
ATLANTA, GEORGIA 30303-8931**

May 18, 2000

Carolina Power & Light Company
ATTN: Mr. James Scarola
Vice President - Harris Plant
Shearon Harris Nuclear Power Plant
P. O. Box 165, Mail Code: Zone 1
New Hill, NC 27562-0165

**SUBJECT: ANNUAL ASSESSMENT LETTER - SHEARON HARRIS NUCLEAR POWER
PLANT (REPORT NO. 50-400/2000-007)**

Dear Mr. Scarola:

On May 4, 2000, the NRC staff completed its end-of-cycle plant performance assessment of Shearon Harris. The end-of-cycle review for Harris involved the participation of all technical divisions in evaluating performance indicators (PIs) and inspection results for the period May 30, 1999, to April 1, 2000. The purpose of this letter is to inform you of our assessment of your safety performance during this period.

Overall, Shearon Harris operated in a manner that preserved public health and safety. Shearon Harris fully met all cornerstone objectives. Plant performance for the most recent quarter was within the licensee response column of the NRC's Action Matrix, because all PIs indicated that your performance was at a level requiring no additional NRC oversight (Green) and all NRC inspection findings were classified as very low safety significance (Green). There was one PI that resulted in increased NRC oversight (White) during the first quarter of the assessment cycle. The first quarter 1999 PI data showed a White PI for emergency response organization drill participation under the emergency preparedness cornerstone. This performance indicator was White because drill participation was below the 80 percent threshold for increased regulatory response. Training you completed in the second quarter of 1999 returned this PI to Green.

Therefore, we plan to conduct only baseline inspections at your facility for the remainder of the inspection cycle. However, there are three Unresolved Items that were identified during the fire protection inspection conducted in November 1999 which are still under review. Resolution of these issues may involve supplemental inspections depending on the risk significance of the issues.

This letter advises you of our planned inspection effort resulting from the Shearon Harris end-of-cycle review. The enclosed inspection plan details the scheduled inspections during the period April 2, 2000, through March 31, 2001. The inspection plan is provided to minimize the resource impact on your staff and to allow for scheduling conflicts and personnel availability to be resolved in advance of inspector arrival onsite. Routine resident inspections are not listed because of their ongoing and continuous nature. The last six months of the inspection plan is tentative and will be revised at the mid-cycle review meeting.

In accordance with 10 CFR 2.790 of the NRC's "Rules of Practice," a copy of this letter and its enclosure will be placed in the NRC Public Document Room (PDR). More detailed information that provides the basis for this assessment is available at the following NRC website:

<http://www.nrc.gov/NRR/OVERSIGHT/ASSESS/index.html>

If circumstances arise which cause us to change this inspection plan, we will contact you to discuss the change as soon as possible. Please contact me at (404) 562-4560 with any questions you may have regarding this letter or the inspection plan.

Sincerely,

/RA/

Brian R. Bonser, Chief
Reactor Projects Branch 4
Division of Reactor Projects

Docket No. 50-400
License No. NPF-63

Enclosure: Harris Inspection/ Activity Plan

cc w/encl: (See page 3)

cc w/encl:

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