

October 28, 2005

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

SUBJECT: REVIEW OF SHEARON HARRIS NUCLEAR POWER PLANT UNIT 1
INSERVICE INSPECTION SUMMARY REPORT (TAC NO. MC6317)

Dear Mr. Scarola:

By letter dated February 15, 2005, Carolina Power and Light Company (the licensee) submitted its Inservice Inspection (ISI) Summary Report for Refueling Outage No. 12 for Shearon Harris Nuclear Power Plant, Unit 1. The unit is in its second 10-year ISI interval. The licensee submitted the Report in accordance with the reporting requirement specified in American Society of Mechanical Engineers Code, 1989 Edition, Section XI, Article IWA-6220(c).

The Report includes non-destructive examination of Welds Summary, Component Support and Snubber Examination Summary, Steam Generator ISI Summary, System Pressure Tests Summary, Containment Inspections Summary, and Repair and Replacement Summary. The licensee stated that, in its testing of 27 mechanical snubbers, one was observed to have "excessive noise" and was replaced. In its containment inspection, a recordable condition of blistering of the coating was observed in the containment valve chambers. The coatings were removed from the affected areas, and visual and ultrasonic examinations were performed. The results showed no significant thickness reduction. The affected surface areas were re-coated.

In its steam generator inspection, three tubes were found damaged by a loose part which had caused a small primary-to-secondary leakage. The three tubes were subsequently plugged. Steam generator inspection results and reports are being reviewed under separate action. This letter completes our review of the subject ISI summary report and no followup action is required.

Sincerely,

/RA/

Chandu P. Patel, Project Manager, Section 2
Project Directorate II
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

Docket No. 50-400

cc: See next page

October 28, 2005

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

SUBJECT: REVIEW OF SHEARON HARRIS NUCLEAR POWER PLANT UNIT 1
INSERVICE INSPECTION SUMMARY REPORT (TAC NO. MC6317)

Dear Mr. Scarola:

By letter dated February 15, 2005, Carolina Power and Light Company (the licensee) submitted its Inservice Inspection (ISI) Summary Report for Refueling Outage No. 12 for Shearon Harris Nuclear Power Plant, Unit 1. The unit is in its second 10-year ISI interval. The licensee submitted the Report in accordance with the reporting requirement specified in American Society of Mechanical Engineers Code, 1989 Edition, Section XI, Article IWA-6220(c).

The Report includes non-destructive examination of Welds Summary, Component Support and Snubber Examination Summary, Steam Generator ISI Summary, System Pressure Tests Summary, Containment Inspections Summary, and Repair and Replacement Summary. The licensee stated that, in its testing of 27 mechanical snubbers, one was observed to have "excessive noise" and was replaced. In its containment inspection, a recordable condition of blistering of the coating was observed in the containment valve chambers. The coatings were removed from the affected areas, and visual and ultrasonic examinations were performed. The results showed no significant thickness reduction. The affected surface areas were re-coated.

In its steam generator inspection, three tubes were found damaged by a loose part which had caused a small primary-to-secondary leakage. The three tubes were subsequently plugged. Steam generator inspection results and reports are being reviewed under separate action. This letter completes our review of the subject ISI summary report and no followup action is required.

Sincerely,

/RA/

Chandu P. Patel, Project Manager, Section 2
Project Directorate II
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

Docket No. 50-400

cc: See next page

Distribution: PUBLIC PDII-2 r/f RidsOgcRp
RidsNrrPMCPatel RidsNrrPMBMozafari RidsNrrLABClayton
RidsNrrDlpmLpdii2 RidsAcraAcnwMailCenter RidsRgn2MailCenter (PFredrickson)

ADAMS Accession No.: ML052970245

NRR-106

OFFICE	PM:PDII/S2	LA:PDII/S2	SC:PDII/S2
NAME	CPatel	BClayton	MMarshall
DATE	10 / 27 /05	10/ 27 /05	10/ 28 /05

OFFICIAL RECORD COPY

Mr. James Scarola
Carolina Power & Light Company

cc:

David T. Conley
Associate General Counsel II -
Legal Department
Progress Energy Service Company, LLC
Post Office Box 1551
Raleigh, North Carolina 27602-1551

Resident Inspector/ Harris NPS
c/o U. S. Nuclear Regulatory Commission
5421 Shearon Harris Road
New Hill, North Carolina 27562-9998

Ms. Margaret A. Force
Assistant Attorney General
State of North Carolina
Post Office Box 629
Raleigh, North Carolina 27602

Public Service Commission
State of South Carolina
Post Office Drawer 11649
Columbia, South Carolina 29211

Ms. Beverly Hall, Section Chief
Division of Radiation Protection
N.C. Department of Environment
and Natural Resources
3825 Barrett Drive
Raleigh, North Carolina 27609-7721

Mr. Chris L. Burton
Manager
Performance Evaluation and
Regulatory Affairs PEB 7
Progress Energy
Post Office Box 1551
Raleigh, North Carolina 27602-1551

Mr. Eric McCartney
Plant General Manager
Shearon Harris Nuclear Power Plant
Carolina Power & Light Company
P. O. Box 165, Mail Zone 3
New Hill, North Carolina 27562-0165

**Shearon Harris Nuclear Power Plant
Unit 1**

Mr. Robert J. Duncan II
Director of Site Operations
Shearon Harris Nuclear Power Plant
Carolina Power & Light Company
Post Office Box 165, Mail Zone 1
New Hill, North Carolina 27562-0165

Mr. Robert P. Gruber
Executive Director
Public Staff NCUC
4326 Mail Service Center
Raleigh, North Carolina 27699-4326

Chairman of the North Carolina
Utilities Commission
Post Office Box 29510
Raleigh, North Carolina 27626-0510

Mr. Herb Council, Chair
Board of County Commissioners
of Wake County
P. O. Box 550
Raleigh, North Carolina 27602

Mr. Tommy Emerson, Chair
Board of County Commissioners
of Chatham County
P. O. Box 87
Pittsboro, North Carolina 27312

Mr. Terry C. Morton, Manager
Support Services
Shearon Harris Nuclear Power Plant
Carolina Power & Light Company
P. O. Box 165, Mail Zone 1
New Hill, North Carolina 27562-0165

Mr. David H. Corlett, Supervisor
Licensing/Regulatory Programs
Shearon Harris Nuclear Power Plant
Carolina Power & Light Company
P. O. Box 165, Mail Zone 1
New Hill, NC 27562-0165

Mr. John H. O'Neill, Jr.
Shaw, Pittman, Potts & Trowbridge
2300 N Street, NW.
Washington, DC 20037-1128