

October 3, 2001

Mr. G. R. Peterson
Site Vice President
Catawba Nuclear Station
Duke Energy Corporation
4800 Concord Road
York, South Carolina 29745-9635

SUBJECT: CATAWBA NUCLEAR STATION, UNIT 2 RE: UPCOMING STEAM
GENERATOR TUBE INSERVICE INSPECTION

Dear Mr. Peterson:

Inservice inspections of steam generator (SG) tubes play a vital role in assuring that adequate structural integrity of the tubes is maintained. As required by the plant Technical Specifications, reporting requirements range from submitting a special report, within 15 days following completion of each inservice inspection of SG tubes, that identifies the number of tubes plugged and/or repaired; to submitting a special report, within 12 months following completion of the inspection, that provides complete results of the SG tube inservice inspection. The special report containing the complete results shall include the following:

1. Number and extent of tubes inspected.
2. Location and percent of wall-thickness penetration for each indication of an imperfection.
3. Identification of tubes plugged and/or repaired.

A phone conference has been arranged with members of your staff to discuss the ongoing results of the SG tube inspections to be conducted during the upcoming Catawba Nuclear Station Unit 2 refueling outage. This phone call will occur after the majority of the tubes have been inspected, but before the SG inspection activities have been completed. Attached is a list of discussion points to facilitate this phone conference.

G. R. Peterson

- 2 -

The staff plans to document a brief summary of the conference call as well as any material that you may have provided to the staff in support of the call.

Sincerely,

/RA/

Chandu P. Patel, Project Manager, Section 1
Project Directorate II
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

Docket No. 50-414

Enclosure: List of Discussion Points

cc w/encl: See next page

G. R. Peterson

- 2 -

The staff plans to document a brief summary of the conference call as well as any material that you may have provided to the staff in support of the call.

Sincerely,

/RA/

Chandu P. Patel, Project Manager, Section 1
Project Directorate II
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

Docket No. 50-414

Enclosure: List of Discussion Points

cc w/encl: See next page

DISTRIBUTION:

PUBLIC	CPatel	OGC
PDII-1 Reading	CHawes	ACRS
HBerkow	ESullivan	MWidmann, RII
RLaufer		

Accession Number: ML012760097

OFFICE	PM:PDII-1		LA:PDII-1		ASC:PDII-1		
NAME	CPatel		BClayton for CHawes		RLaufer		
DATE	10/03/01		10/03/01		10/03/01		

OFFICIAL RECORD COPY

STEAM GENERATOR TUBE INSPECTION DISCUSSION POINTS

PREPARED BY THE OFFICE OF NUCLEAR REACTOR REGULATION

DUKE ENERGY CORPORATION, ET AL.

CATAWBA NUCLEAR STATION, UNIT 2

DOCKET NO. 50-414

The following discussion points have been prepared to facilitate the phone conference arranged with the Duke Energy Corporation to discuss the results of the steam generator (SG) tube inspections to be conducted during the upcoming Catawba Nuclear Station, Unit 2, refueling outage. This phone call is scheduled to occur towards the end of the planned SG tube inspection interval, but before the unit exits its refueling outage.

It is the staff's expectation that any significant results or relevant trends discussed during the phone conference, as well as any materials provided by your staff to assist us during the phone conference in the understanding of the SG tube results, will be included in one of the special reports required by the plant Technical Specifications.

1. Discuss whether any primary to secondary leakage existed in this unit prior to shutdown.
2. Discuss the results of secondary side hydrostatic tests.
3. For each steam generator, provide a general description of areas examined, including the expansion criteria utilized and type of probe used in each area.
4. For analyzed eddy current results, describe bobbin indications (those not examined with rotating pancake coil (RPC)) and RPC/Plus Point/Cecco indications. Include the following information in the discussion: location, number, degradation mode, disposition, and voltages/depths/lengths of significant indications.
5. Describe repair/plugging plans for the SG tubes that meet the repair/plugging criteria.
6. Discuss the previous history of SG tube inspection results, including any "look backs" performed.
7. Discuss, in general, the new inspection findings.
8. Describe in situ pressure test plans and results, if applicable and available, including tube selection criteria.
9. Describe tube pull plans and preliminary results, if applicable and available; include tube selection criteria.

10. Discuss the assessment of tube integrity for the previous operating cycle.
11. Discuss the assessment of tube integrity for next operating cycle.
12. Provide the schedule for steam generator-related activities during the remainder of the current outage.
13. Discuss what steps have been taken, or will be taken, in response to the lessons learned from the Indian Point Unit 2 tube failure. In addition, please be prepared to discuss the following:
 - a) Discuss the actions that are taken in response to identifying a new degradation mechanism, and
 - b) Discuss the actions taken to ensure that data noise levels are acceptable, and
 - c) Address data quality issues and the need for criteria to address data quality.

Catawba Nuclear Station

cc:

Mr. Gary Gilbert
Regulatory Compliance Manager
Duke Energy Corporation
4800 Concord Road
York, South Carolina 29745

Ms. Lisa F. Vaughn
Legal Department (PB05E)
Duke Energy Corporation
422 South Church Street
Charlotte, North Carolina 28201-1006

Anne Cottingham, Esquire
Winston and Strawn
1400 L Street, NW
Washington, DC 20005

North Carolina Municipal Power
Agency Number 1
1427 Meadowwood Boulevard
P. O. Box 29513
Raleigh, North Carolina 27626

County Manager of York County
York County Courthouse
York, South Carolina 29745

Piedmont Municipal Power Agency
121 Village Drive
Greer, South Carolina 29651

Ms. Karen E. Long
Assistant Attorney General
North Carolina Department of Justice
P. O. Box 629
Raleigh, North Carolina 27602

Elaine Wathen, Lead REP Planner
Division of Emergency Management
116 West Jones Street
Raleigh, North Carolina 27603-1335

North Carolina Electric Membership
Corporation
P. O. Box 27306
Raleigh, North Carolina 27611

Senior Resident Inspector
U.S. Nuclear Regulatory Commission
4830 Concord Road
York, South Carolina 29745

Virgil R. Autry, Director
Division of Radioactive Waste Management
Bureau of Land and Waste Management
Department of Health and Environmental
Control
2600 Bull Street
Columbia, South Carolina 29201-1708

Mr. C. Jeffrey Thomas
Manager - Nuclear Regulatory
Licensing
Duke Energy Corporation
526 South Church Street
Charlotte, North Carolina 28201-1006

Saluda River Electric
P. O. Box 929
Laurens, South Carolina 29360

Mr. Peter R. Harden, IV
VP-Customer Relations and Sales
Westinghouse Electric Company
5929 Carnegie Blvd.
Suite 500
Charlotte, North Carolina 28209

Catawba Nuclear Station

cc:

Mr. T. Richard Puryear
Owners Group (NCEMC)
Duke Energy Corporation
4800 Concord Road
York, South Carolina 29745

Richard M. Fry, Director
Division of Radiation Protection
North Carolina Department of
Environment, Health, and
Natural Resources
3825 Barrett Drive
Raleigh, North Carolina 27609-7721