

October 10, 2003

Mr. D. M. Jamil
Vice President
Catawba Nuclear Station
4800 Concord Road
York, South Carolina 29745

SUBJECT: CATAWBA NUCLEAR STATION, UNITS 1 AND 2 RE: REVISED REQUEST
FOR ADDITIONAL INFORMATION RESULTING FROM LICENSEE LETTER
DATED JULY 30, 2003 (TAC NOS. MB7842 AND MB7843)

By letter dated September 17, 2003, we sent you a request for additional information (RAI) that resulted from our review of your letter dated July 30, 2003. On September 29, 2003, we discussed our RAI with you during a conference call and determined that the third question was unclear and should be revised. We agreed to change the third question by deleting the first sentence and deleting the words "as a result" from the second sentence. Enclosed is our revised RAI. We understand that you still intend to provide your response by October 15, 2003. Please contact me at (301) 415-1419 if you have any further questions on this matter.

Sincerely,

/RA/

Leonard N. Olshan, Project Manager, Section 1
Project Directorate II
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

Docket Nos. 50-413 and 50-414

Enclosure: As stated

October 10, 2003

Mr. D. M. Jamil
Vice President
Catawba Nuclear Station
4800 Concord Road
York, South Carolina 29745

SUBJECT: CATAWBA NUCLEAR STATION, UNITS 1 AND 2 RE: REVISED REQUEST FOR ADDITIONAL INFORMATION RESULTING FROM LICENSEE LETTER DATED JULY 30, 2003 (TAC NOS. MB7842 AND MB7843)

By letter dated September 17, 2003, we sent you a request for additional information (RAI) that resulted from our review of your letter dated July 30, 2003. On September 29, 2003, we discussed our RAI with you during a conference call and determined that the third question was unclear and should be revised. We agreed to change the third question by deleting the first sentence and deleting the words "as a result" from the second sentence. Enclosed is our revised RAI. We understand that you still intend to provide your response by October 15, 2003. Please contact me at (301) 415-1419 if you have any further questions on this matter.

Sincerely,
/RA/

Leonard N. Olshan, Project Manager, Section 1
Project Directorate II
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

Docket Nos. 50-413 and 50-414

Enclosure: As stated

DISTRIBUTION:

PUBLIC PDII-1 R/F
JNakoski CHawes
LOlshan RMartin
OGC ACRS
RHaag, RII

ADAMS ACCESSION NUMBER ML032830153

OFFICE	PDII-1/PM	PDII-1/LA	PDII-1/SC
NAME	LOlshan	CHawes	JNakoski
DATE	10/8/03	10/10/03	10/8/03

OFFICIAL RECORD COPY

REQUEST FOR ADDITIONAL INFORMATION

CATAWBA UNITS 1 AND 2

TECHNICAL SPECIFICATION AMENDMENT - STEAM GENERATORS

The licensee's letter dated July 30, 2003, proposed, in part, the following technical specification wording related to the structural integrity performance criteria:

".... Apart from the above requirements, additional loading conditions associated with the design basis accidents, or combination of accidents in accordance with the design and licensing basis, shall also be evaluated to determine if the associated loads contribute significantly to burst. In the assessment of tube integrity, those loads that significantly affect burst shall be determined and assessed in combination with the loads due to primary to secondary pressure differential using safety factors that are consistent with the licensing basis design criteria."

Following are questions related to this wording:

1. For design basis accident loadings, please discuss whether any loads other than differential pressure loads (i.e., primary membrane (other than from pressure), primary bending, differential thermal) contribute significantly to burst. In addition, please provide a summary of the methodology used to determine whether loads other than differential pressure contribute significantly to burst.
2. For those loads that significantly contribute to burst, if any, please discuss how they were assessed in combination with the loads due to primary to secondary pressure differential.
3. Please provide the safety factors that are consistent with the licensing basis design criteria for loads other than differential pressure. In addition, discuss how these loads (and safety factors) will be combined with the loads due to primary to secondary differential pressure. Include in this discussion, the technical basis for these safety factors and clarify what constitutes the "licensing basis design criteria" for the steam generator tubes.

Enclosure

Catawba Nuclear Station

cc:

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

Ms. Lisa F. Vaughn
Duke Energy Corporation
Mail Code - PB05E
422 South Church Street
P.O. Box 1244
Charlotte, North Carolina 28201-1244

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

NCEM REP Program Manager
4713 Mail Service Center
Raleigh, NC 27699-4713

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

Henry Porter, Assistant Director
Division of 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
6000 Fairview Road
12th Floor
Charlotte, North Carolina 28210

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