

March 31, 2004

Mr. D. M. Jamil  
Vice President  
Catawba Nuclear Station  
Duke Energy Corporation  
4800 Concord Road  
York, SC 29745

SUBJECT: CATAWBA NUCLEAR STATION, UNIT 2 RE: REQUEST FOR  
ADDITIONAL INFORMATION (TAC NO. MC0957)

Dear Mr. Jamil:

By letters dated April 7, 2003, and June 18, 2003, Duke Energy Corporation submitted information summarizing the End of Core 12 steam generator tube inservice inspection for Catawba Nuclear Station, Unit 2. By letter dated February 10, 2004, you submitted a response to a request for additional information from the Nuclear Regulatory Commission (NRC). The NRC technical staff has reviewed your response and has determined that additional information is required for the staff to complete its review, as identified in the Enclosure.

We discussed these issues with your staff on March 29, 2004. Your staff indicated that you would attempt to provide your response by April 30, 2004.

Please contact me at (301) 415-1842, if you have any other questions on these issues.

Sincerely,

*/RA/*

Sean E. Peters, Project Manager, Section 1  
Project Directorate II  
Division of Licensing Project Management  
Office of Nuclear Reactor Regulation

Docket No. 50-414

Enclosure: Request for Additional Information

cc w/encl: See next page

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REQUEST FOR ADDITIONAL INFORMATION

DUKE POWER COMPANY

CATAWBA NUCLEAR STATION, UNIT 2

DOCKET NO. 50-414

The Nuclear Regulatory Commission (NRC) staff has reviewed the licensee's response dated February 10, 2004, to a request for additional information regarding the End of Core 12 steam generator tube inservice inspection for Catawba Nuclear Station, Unit 2. The NRC staff has identified the following information that is needed to enable the continuation of its review.

In your response to question 3, you indicate that you preventatively plugged two tubes (2A-1-100 and 2A-1-106) with anomalous U-bend volumetric indications. You also stated that you believe that the indications are an artifact of the plus point inspection.

A. During previous inspections, did you perform any rotating probe examinations in the U-bend area of these tubes? If so, discuss whether these anomalous indications were detected. Furthermore, if they were detected in previous inspections, discuss whether the indications changed from one inspection to the next and describe the implications of the changes.

B. If you performed rotating probe examinations in these tubes in the U-bend area during previous inspections and you did not detect anomalous indications, please provide insights on what caused the current anomalous indications.

C. Discuss your attempts to size the anomalous indications using any variety of non-destructive examination techniques so that you could confirm that the indications did not pose a structural or leakage integrity concern. Also, provide a justification for your conclusions that these indications are an artifact of the plus point inspection.

Catawba Nuclear Station

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Catawba Nuclear Station

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