

June 9, 2003

Mr. G. R. Peterson
Vice President, Catawba Site
Duke Energy Corporation
4800 Concord Road
York, SC 29710

SUBJECT: CATAWBA NUCLEAR STATION, UNITS 1 AND 2 RE: REQUEST FOR
ADDITIONAL INFORMATION (TAC NOS. MB8106, MB8107, MB8109 AND
MB8110)

Dear Mr. Peterson:

By letter dated March 20, 2003, you submitted an application for amendment of the Technical Specifications (TS) for the Catawba Nuclear Station, Units 1 and 2, (Catawba) to revise the reactor vessel pressure-temperature (P-T) limits in the Catawba TS. The U. S. Nuclear Regulatory Commission technical staff has reviewed the application and has determined that additional information is required, as follows:

1. Provide the reactor coolant system temperatures and corresponding metal temperatures and thermal stress intensity factors at the 1/4-thickness and 3/4-thickness locations in tabular format for all heatup and cooldown P-T limitations.
2. TS Figure 3.4.3-1 (TS page number 3.4.3-3, Unit 1) heatup limitations (criticality limitations) need to be modified to reflect the effects of closure head flange and vessel flange.

We discussed these issues with your staff on June 2, 2003. Your staff indicated that you would attempt to provide your response by June 12, 2003.

Please contact me at (301) 415-1493, if you have any other questions on these issues.

Sincerely,

/RA/

Robert E. Martin, Senior Project Manager, Section 1
Project Directorate II
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

Docket Nos. 50-413 and 50-414

cc: See next page

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Catawba Nuclear Station

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