



UNITED STATES
NUCLEAR REGULATORY COMMISSION

WASHINGTON, D.C. 20555

April 21, 1992

Docket No. 50-413
and 50-414

Mr. M. S. Tuckman
Vice President, Catawba Site
Duke Power Company
4800 Concord Road
York, South Carolina 29745

Dear Mr. Tuckman:

SUBJECT: RESPONSE TO NRC BULLETIN 88-11, "PRESSURIZER SURGE LINE THERMAL STRATIFICATION" FOR THE CATAWBA SITE (TAC NOS. M72121 AND M72122)

On December 10, 1988, NRC Bulletin 88-11, "Pressurizer Surge Line Thermal Stratification," was issued to all holders of operating licenses or construction permits for pressurized water reactors. The Bulletin requested specific actions to ensure pressurizer surge line integrity with specific consideration of the issue of thermal stratification. In correspondence dated March 10 and May 10, 1989, December 19, 1990, and April 30, 1991, the Duke Power Company informed the NRC that resolution of the pressurizer surge line thermal stratification issue for Catawba Nuclear Station would be accomplished by a combination of the Westinghouse Owners Group (WOG) and plant-specific programs.

The NRC letter dated August 1, 1991, informed you that the review of the WOG report (WCAP-12639) had been completed and could be used for Catawba to satisfy Actions 1.c and 1.d of Bulletin 88-11 provided plant-specific applicability was demonstrated and additional evaluations not included in the WOG program were performed. Your letters of December 31, 1991, and January 30, 1992, addressed the verification of the applicability of the WOG analysis and the performance of plant-specific analyses including evaluation of the pressurizer nozzle.

In addition, by letter dated March 17, 1992, the NRC staff requested additional information regarding whether the effects of several specific cooldown/heatups at Catawba were considered in the response to Bulletin 88-11 for Catawba. Your response of April 8, 1992, provided additional information and concluded that the results of those transients had been adequately accounted for in the response to Bulletin 88-11 for Catawba.

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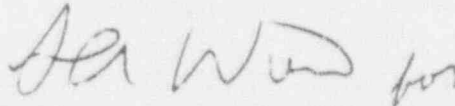
Mr. T. S. Tuckman

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April 21, 1992

We have reviewed your responses and determined that the information provided adequately addresses the action recommended by Bulletin 88-11. Therefore, TAC Nos. M72121 and M72122 associated with the Catawba response to Bulletin 88-11 has been closed. As stated in the reporting requirements of the Bulletin, the analyses and other documentation associated with your responses should be maintained for possible future inspection by the NRC.

Sincerely,

A handwritten signature in dark ink, appearing to read "R. E. Martin for". The signature is written in a cursive, somewhat stylized font.

Robert E. Martin, Senior Project Manager
Project Directorate II-3
Division of Reactor Projects - I/II
Office of Nuclear Reactor Regulation

cc: See next page

Mr. M. S. Tuckman
Duke Power Company

Catawba Nuclear Station

cc:

Mr. R. C. Futrell
Regulatory Compliance Manager
Duke Power Company
4800 Concord Road
York, South Carolina 29745

Mr. Alan R. Herdt, Chief
Project Branch #3
U.S. Nuclear Regulatory Commission
101 Marietta Street, NW, Suite 2900
Atlanta, Georgia 30323

Mr. A.V. Carr, Esq.
Duke Power Company
422 South Church Street
Charlotte, North Carolina 28242-0001

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

J. Michael McGarry, III, Esq.
Winston and Strawn
1400 L Street, N.W.
Washington, D. C. 20005

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

North Carolina MPA-1
Suite 600
P.O. Box 29513
Raleigh, North Carolina 27626-0513

Senior Resident Inspector
Route 2, Box 179N
York, South Carolina 29745

Mr. Frank Modrak
Project Manager, Mid-South Area
ESSD Projects
Westinghouse Electric Corp.
MNC West Tower - Bay 241
P.O. Box 355
Pittsburgh, Pennsylvania 15230

Regional Administrator, Region II
U.S. Nuclear Regulatory Commission
101 Marietta Street, NW, Suite 2900
Atlanta, Georgia 30323

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

Mr. Heyward G. Shealy, Chief
Bureau of Radiological Health
South Carolina Dept. of Health
and Environmental Control
2600 Bull Street
Columbia, South Carolina 29201

Richard P. Wilson, Esq.
Assistant Attorney General
S.C. Attorney General's Office
P.O. Box 11549
Columbia, South Carolina 29211

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

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

Mr. R. L. Gill, Jr.
Licensing
Duke Power Company
P.O. Box 1007
Charlotte, North Carolina 28201-1007

Mr. T. S. Tuckman

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April 21, 1992

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Sincerely,

/s/

Robert E. Martin, Senior Project Manager
Project Directorate II-3
Division of Reactor Projects - I/II
Office of Nuclear Reactor Regulation

cc: See next page

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