

February 24, 1992

Docket Nos. 50-413
and 50-414

Mr. M. S. Tuckman, Vice President
Catawba Site
Duke Power Company
P. O. Box 256
Clover, South Carolina 29710

Dear Mr. Tuckman:

SUBJECT: SAFETY EVALUATION ON 1ST RELIEF REQUEST ON MEASURING PUMP VIBRATION VELOCITY (TAC NOS. M76445 AND M76446)

By letter dated March 15, 1990, Duke Power Company submitted a general relief request for pumps in the inservice testing (IST) program at Catawba Nuclear Station, Units 1 and 2. This relief request contained a proposal for measuring pump vibration velocity in lieu of displacement as required by the ASME Code, Section XI, paragraphs IWP-3100, IWP-3210, IWP-3300, IWP-4110, IWP-4120, IWP-4510 and IWP-4520(b). In response to NRC requests for additional information, the relief request was supplemented by Duke Power Company's letters dated August 22, 1990, and December 12, 1991.

The NRC staff has reviewed and evaluated the general relief request. Enclosed is our Safety Evaluation wherein we conclude that the alternative testing provides an acceptable level of assurance of the operational readiness for the pumps in question. Accordingly, relief is granted as requested, pursuant to 10 CFR 50.55a(a)(3)(i) and (ii). This relief is authorized by law and will not endanger life or property or the common defense and security, and is otherwise in the public interest, given due consideration to the burden that could result if the requirements were imposed on your facility.

This concludes our review activities of this relief request under TAC Nos. M76445 and M76446.

Sincerely,

/s/

David B. Matthews, Director
Project Directorate II-3
Division of Reactor Projects - I/II
Office of Nuclear Reactor Regulation

Enclosure:
As stated

cc w/enclosure:
See next page

DISTRIBUTION:
Docket File
NRC & Local PDRs
PD II-3 R/F

Catawba R/F
LBerry
RMartin
DMatthews
OGC, 15B18

EJordan, MNBB3701
SVarga
GLainas
ACRS (10), P-315
LReyes, RII

NRC FILE CENTER COPY

*Approved
noted for OGC*

9202280098 920224
PDR ADOCK 05000413
PDR
ZUUUUU

OFF	:LA:PDII-3	:PM:PDII-3	:OGC	:D:PDII-3	:
NAME	:LBerry	:RMartin:cw	:	:DMatthews	:
DATE	:2/24/92	:2/24/92	:2/24/92	:2/24/92	:

*DF01
111*

Document Name: RELIEF REQUEST/CATAWBA



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555

February 24, 1992

Docket Nos. 50-413
and 50-414

Mr. M. S. Tuckman, Vice President
Catawba Site
Duke Power Company
P. O. Box 256
Clover, South Carolina 29710

Dear Mr. Tuckman:

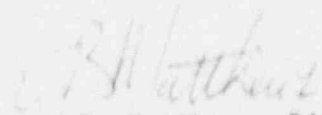
SUBJECT: SAFETY EVALUATION ON IST RELIEF REQUEST ON MEASURING PUMP VIBRATION VELOCITY (TAC NOS. M76445 AND M76446)

By letter dated March 15, 1990, Duke Power Company submitted a general relief request for pumps in the inservice testing (IST) program at Catawba Nuclear Station, Units 1 and 2. This relief request contained a proposal for measuring pump vibration velocity in lieu of displacement as required by the ASME Code, Section XI, paragraphs IWP-3100, IWP-3210, IWP-3300, IWP-4110, IWP-4120, IWP-4510 and IWP-4520(b). In response to NRC requests for additional information, the relief request was supplemented by Duke Power Company's letters dated August 22, 1990, and December 12, 1991.

The NRC staff has reviewed and evaluated the general relief request. Enclosed is our Safety Evaluation wherein we conclude that the alternative testing provides an acceptable level of assurance of the operational readiness for the pumps in question. Accordingly, relief is granted as requested, pursuant to 10 CFR 50.55a(a)(3)(i) and (ii). This relief is authorized by law and will not endanger life or property or the common defense and security, and is otherwise in the public interest, given due consideration to the burden that could result if the requirements were imposed on your facility.

This concludes our review activities of this relief request under TAC Nos. M76445 and M76446.

Sincerely,


David B. Matthews, Director
Project Directorate II-3
Division of Reactor Projects - I/II
Office of Nuclear Reactor Regulation

Enclosure:
As stated

cc w/enclosure:
See next page

Mr. M. S. Tuckman
Duke Power Company

Catawba Nuclear Station

cc:

Mr. R. C. Futrell
Regulatory Compliance Manager
Duke Power Company
P. O. Box 256
Clover, South Carolina 29710

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 NPA-1
Suite 600
P.O. Box 29513
Raleigh, North Carolina 27626-513

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