

March 17, 1988

Docket Nos. 50-369/370

DISTRIBUTION:

Mr. H. B. Tucker, Vice President
Nuclear Production Department
Duke Power Company
422 South Church Street
Charlotte, North Carolina 28242

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Dear Mr. Tucker:

SUBJECT: POST-ACCIDENT MONITORING OF STEAM GENERATOR LEVEL-MCGUIRE NUCLEAR STATION, UNITS 1 AND 2 (TACS ~~66/88/89~~ 66188/66189)

By letter dated March 23, 1987, the NRC staff provided its safety evaluation of the McGuire post-accident monitoring instrumentation based upon the positions of Regulatory Guide (RG) 1.97, Revision 2 as required by Supplement 1 to NUREG-0737 (transmitted by Generic Letter 82-33). The evaluation, in part, noted deficiencies regarding the requirement that qualified instrumentation be provided to monitor steam generator (SG) level over the range from tube sheet to separators. Subsequently, we have met with your staff July 29, 1987, and have received your letter of August 17, 1987, which describes upgrading plans for the wide-range SG level transmitters. Enclosed is our revised Safety Evaluation Report in which we find that McGuire's use of narrow-range monitors in combination with the upgraded wide-range instrumentation is an acceptable deviation from R.G. 1.97 criteria for SG level monitoring.

We acknowledge your commitment to install and make operational seismically and environmentally qualified wide-range SG level instrumentation by the end of Cycle 5 refueling outages for McGuire Units 1 and 2, currently scheduled to begin in the third quarters of 1988 and 1989, respectively. Please keep me informed should any significant delay in these schedules occur.

Our evaluation of McGuire instrumentation regarding the variables containment sump water temperature and accumulator tank level and pressure will be provided separately upon completion of our generic review regarding the need for environmental qualification of these Category 2 instruments.

Contact me at (301) 492-1442 if you have any questions.

Sincerely,

Original signed by:

Darl S. Hood, Project Manager
Project Directorate II-3
Division of Reactor Projects - I/II

Enclosure:
As stated

cc:
See next page

PDII3/DRP-I/II
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DSH
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DHood:pw
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DSH
PDII3/DRP-I/II
Acting PD
3/17/88

Mr. H. B. Tucker

Duke Power Company

McGuire Nuclear Station

cc:

Mr. A.V. Carr, Esq.
Duke Power Company
P. O. Box 33189
422 South Church Street
Charlotte, North Carolina 28242

Dr. John M. Barry
Department of Environmental Health
Mecklenburg County
1200 Blythe Boulevard
Charlotte, North Carolina 28203

County Manager of Mecklenburg County
720 East Fourth Street
Charlotte, North Carolina 28202

Mr. Dayne H. Brown, Chief
Radiation Protection Branch
Division of Facility Services
Department of Human Resources
701 Barbour Drive
Raleigh, North Carolina 27603-2008

Mr. Robert Gill
Duke Power Company
Nuclear Production Department
P. O. Box 33189
Charlotte, North Carolina 28242

J. Michael McGarry, III, Esq.
Bishop, Liberman, Cook, Purcell
and Reynolds
1200 Seventeenth Street, N.W.
Washington, D. C. 20036

Senior Resident Inspector
c/o U.S. Nuclear Regulatory Commission
Route 4, Box 529
Huntersville, North Carolina 28078

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

S. S. Kilborn
Area Manager, Mid-South Area
ESSD Projects
Westinghouse Electric Corporation
MNC West Tower - Bay 239
P. O. Box 355
Pittsburgh, Pennsylvania 15230