

February 7, 1996

Mr. T. C. McMeekin  
Vice President, McGuire Site  
Duke Power Company  
12700 Hagers Ferry Road  
Huntersville, NC 28078

SUBJECT: MCGUIRE NUCLEAR STATION, UNITS 1 AND 2 - (TAC NOS. M89947 AND M89948)

Dear Mr. McMeekin:

Enclosed is a copy of the Environmental Assessment and Finding of No Significant Impact related to your application for amendments dated July 18, 1994, as supplemented October 9, 1995. The proposed amendments would revise the current combined Technical Specifications for Units 1 and 2 by separating them into individual volumes for each unit.

The assessment is being forwarded to the Office of the Federal Register for publication.

Sincerely,

ORIGINAL SIGNED BY:

Victor Nerses, Project Manager  
Project Directorate II-2  
Division of Reactor Projects - I/II  
Office of Nuclear Reactor Regulation

Docket Nos. 50-369 and 50-370

Enclosure: Environmental Assessment

cc w/encl: See next page

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UNITED STATES  
NUCLEAR REGULATORY COMMISSION

WASHINGTON, D.C. 20555-0001

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Duke Power Company  
12700 Hagers Ferry Road  
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Sincerely,

A handwritten signature in cursive script that reads "Victor Nerses".

Victor Nerses, Project Manager  
Project Directorate II-2  
Division of Reactor Projects - I/II  
Office of Nuclear Reactor Regulation

Docket Nos. 50-369 and 50-370

Enclosure: Environmental Assessment

cc w/encl: See next page

Mr. T. C. McMeekin  
Duke Power Company

McGuire Nuclear Station

cc:

Mr. Paul R. Newton  
Duke Power Company, PB05E  
422 South Church Street  
Charlotte, North Carolina 28242-0001

Mr. Dayne H. Brown, Director  
Department of Environmental,  
Health and Natural Resources  
Division of Radiation Protection  
P. O. Box 27687  
Raleigh, North Carolina 27611-7687

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

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

Mr. J. E. Snyder  
Regulatory Compliance Manager  
Duke Power Company  
McGuire Nuclear Site  
12700 Hagers Ferry Road  
Huntersville, North Carolina 28078

Mr. G. A. Copp  
Licensing - EC050  
Duke Power Company  
526 South Church Street  
Charlotte, North Carolina 28242

J. Michael McGarry, III, Esquire  
Winston and Strawn  
1400 L Street, NW.  
Washington, DC 20005

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

Senior Resident Inspector  
c/o U. S. Nuclear Regulatory  
Commission  
12700 Hagers Ferry Road  
Huntersville, North Carolina 28078

Elaine Wathen, Lead REP Planner  
Division of Emergency Management  
116 West Jones Street  
Raleigh, North Carolina 27603-1335

Mr. Peter R. Harden, IV  
Account Sales Manager  
Westinghouse Electric Corporation  
Power Systems Field Sales  
P. O. Box 7288  
Charlotte, North Carolina 28241

Heinz Mueller (5)  
Environmental Review Coordinator  
345 Courtland Street, NE  
Atlanta, Georgia 30365

Dr. John M. Barry  
Mecklenberg County  
Department of Environmental  
Protection  
700 N. Tryon Street  
Charlotte, North Carolina 28202

UNITED STATES NUCLEAR REGULATORY COMMISSIONDUKE POWER COMPANYDOCKET NOS. 50-369 AND 50-370MCGUIRE NUCLEAR STATION, UNITS 1 AND 2ENVIRONMENTAL ASSESSMENT AND FINDING OFNO SIGNIFICANT IMPACT

The U.S. Nuclear Regulatory Commission (the Commission) is considering issuance of amendments to Facility Operating License Nos. NPF-9 and NPF-17, issued to Duke Power Company (the licensee), for operation of the McGuire Nuclear Station, located in Mecklenburg County, North Carolina.

ENVIRONMENTAL ASSESSMENTIdentification of the Proposed Action:

The proposed action would revise the current combined Technical Specifications for Unit 1 and Unit 2 by separating them into individual volumes for each unit.

The proposed action is in accordance with the licensee's application for amendments dated July 18, 1994, as supplemented by letter dated October 9, 1995.

The Need for the Proposed Action:

The proposed action would facilitate Technical Specification changes when it was required to be done separately for each unit. This would especially be important when, for a period of time, Unit 1 will have different steam generators than Unit 2.

Environmental Impacts of the Proposed Action:

The Commission has completed its evaluation of the proposed action and concludes that the changes proposed by the licensee are administrative in nature and have no nonradiological or radiological environmental significance.

The change will not increase the probability or consequences of accidents, no changes are being made in the types of any effluents that may be released offsite, and there is no significant increase in the allowable individual or cumulative occupational radiation exposure. Accordingly, the Commission concludes that there are no significant radiological environmental impacts associated with the proposed action.

With regard to potential nonradiological impacts, the proposed action does involve features located entirely within the restricted area as defined in 10 CFR Part 20. It does not affect nonradiological plant effluents and has no other environmental impact. Accordingly, the Commission concludes that there are no significant nonradiological environmental impacts associated with the proposed action.

Alternatives to the Proposed Action:

Since the Commission has concluded there is no measurable environmental impact associated with the proposed action, any alternatives with equal or greater environmental impact need not be evaluated. As an alternative to the proposed action, the staff considered denial of the proposed action. Denial of the application would result in no change in current environmental impacts. The environmental impacts of the proposed action and the alternative action are similar.

Alternative Use of Resources:

This action does not involve the use of any resources not previously considered in the Final Environmental Statement for the McGuire Nuclear Station, Units 1 and 2.

Agencies and Persons Consulted:

In accordance with its stated policy, on January 4, 1996, the staff consulted with the North Carolina official, Mr. J. James of the Division of Radiation Protection, North Carolina Department of Environment, Health and Natural Resources, regarding the environmental impact of the proposed action. The State official had no comments.

FINDING OF NO SIGNIFICANT IMPACT

Based upon the environmental assessment, the Commission concludes that the proposed action will not have a significant effect on the quality of the human environment. Accordingly, the Commission has determined not to prepare an environmental impact statement for the proposed action.

For further details with respect to the proposed action, see the licensee's letter dated July 18, 1994, as supplemented by letter dated October 9, 1995, which are available for public inspection at the Commission's Public Document Room, The Gelman Building, 2120 L Street, NW., Washington, DC, and at the local public document room located at the Atkins Library, University of North Carolina, Charlotte (UNCC Station), North Carolina.

Dated at Rockville, Maryland, this 7th day of February 1996.

FOR THE NUCLEAR REGULATORY COMMISSION



Eugene V. Imbro, Acting Director  
Project Directorate II-2  
Division of Reactor Projects - I/II  
Office of Nuclear Reactor Regulation