

May 21, 1997

Mr. M. S. Tuckman
Senior Vice President
Nuclear Generation
Duke Power Company
P. O. Box 1006
Charlotte, NC 28201

SUBJECT: ENVIRONMENTAL ASSESSMENT AND FINDING OF NO SIGNIFICANT IMPACT
RELATED TO ISSUANCE OF EXEMPTION TO 10 CFR 50.71(e)(4), CATAWBA AND
MCGUIRE NUCLEAR STATIONS (TAC M98043, M98044, M98100, AND M98101)

Dear Mr. Tuckman:

Enclosed is a copy of an "Environmental Assessment and Finding of No
Significant Impact" related to your request dated February 24, 1997, for an
exemption for the Catawba Nuclear Station (CNS), Units 1 and 2, and McGuire
Nuclear Station (MNS), Units 1 and 2, from a requirement of 10 CFR 50.71(e)(4)
to submit updates to the Updated Final Safety Analysis Report (UFSAR) 6 months
after each refueling outage. This assessment has been forwarded to the Office
of the Federal Register for publication.

Sincerely,

ORIGINAL SIGNED BY:

Herbert N. Berkow, Director
Project Directorate II-2
Division of Reactor Projects - I/II
Office of Nuclear Reactor Regulation

Docket Nos. 50-413, 50-414, 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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Sincerely,

A handwritten signature in cursive script that reads "Herbert N. Berkow".

Herbert N. Berkow, Director
Project Directorate II-2
Division of Reactor Projects - I/II
Office of Nuclear Reactor Regulation

Docket Nos. 50-413, 50-414, 50-369,
and 50-370

Enclosure: Environmental Assessment

cc w/encl: See next page

McGuire Nuclear Station
Catawba Nuclear Station

cc:

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

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

Mr. Michael T. Cash
Regulatory Compliance Manager
Duke Power Company
McGuire Nuclear Site
12700 Hagers Ferry Road
Huntersville, North Carolina 28078

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

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

Mr. T. Richard Puryear
Owner's Group (NCEMC)
Duke Power Company
4800 Concord Road
York, South Carolina 29745

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

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

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

Mr. G. A. Copp
Licensing - EC050
Duke Power Company
526 South Church Street
Charlotte, North Carolina 28242-0001

Regional Administrator, Region II
U.S. Nuclear Regulatory Commission
Atlanta Federal Center
61 Forsyth Street, S.W., Suite 23T85
Atlanta, Georgia 30303

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

McGuire Nuclear Station
Catawba Nuclear Station

cc:

Mr. M. S. Kitlan
Regulatory Compliance Manager
Duke Power Company
4800 Concord Road
York, South Carolina 29745

North Carolina Municipal Power
Agency Number 1
1427 Meadowood Boulevard
P. O. Box 29513
Raleigh, North Carolina 27626-0513

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

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

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

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

Max Batavia, Chief
Bureau of Radiological Health
South Carolina Department of
Health and Environmental Control
2600 Bull Street
Columbia, South Carolina 29201

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

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

Mr. W. R. McCollum
Site Vice President
Catawba Nuclear Station
Duke Power Company
4800 Concord Road
York South Carolina 29745-9635

Mr. H. B. Barron
Vice President, McGuire Site
Duke Power Company
12700 Hagers Ferry Road
Huntersville, North Carolina 28078

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

UNITED STATES NUCLEAR REGULATORY COMMISSIONCATAWBA NUCLEAR STATION, UNITS 1 AND 2DOCKET NOS. 50-413 AND 50-414MCGUIRE NUCLEAR STATION, UNITS 1 AND 2DOCKET NOS. 50-369 AND 50-370ENVIRONMENTAL ASSESSMENT AND FINDING OF NO SIGNIFICANT IMPACT

The U.S. Nuclear Regulatory Commission (the Commission) is considering issuance of an exemption from certain requirements of its regulations to Facility Operating License Nos. NPF-35, NPF-52, NPF-9, and NPF-17. These licenses are issued to Duke Power Company (the licensee) for operation of the Catawba Nuclear Station Units 1 and 2, located in York County, South Carolina, and the McGuire Nuclear Station, Units 1 and 2, located in Mecklenburg County, North Carolina.

ENVIRONMENTAL ASSESSMENTIdentification of Proposed Action:

The proposed action is in response to the licensee's application dated February 24, 1997, for exemption from the requirements of 10 CFR 50.71(e)(4) regarding submission of revisions to the Updated Final Safety Analysis Report (UFSAR) and design change reports for facility changes made under 10 CFR 50.59 for the Catawba and McGuire nuclear stations. Under the proposed exemption, the licensee would schedule updates to the single, unified UFSAR for each of its two-unit sites based on the refueling cycle of Unit 2 of each station.

The Need for the Proposed Action:

Section 50.71(e)(4) requires licensees to submit updates to their FSAR within 6 months after each refueling outage providing that the interval between successive updates does not exceed 24 months. Since Units 1 and 2 of Catawba and McGuire nuclear stations share a common UFSAR, the licensee must update the same document within 6 months after a refueling outage for either unit. Allowing the exemption would maintain the UFSAR current within 24 months of the last revision and still would not exceed a 24-month interval for submission of the 10 CFR 50.59 design change report for either unit.

Environmental Impacts of the Proposed Action:

No changes are being made in the types or amounts of any radiological effluent that may be released off site. There is no significant increase in the allowable individual or cumulative occupational radiation exposure. The Commission concludes that granting the proposed exemption would result in no significant radiological environmental impact.

With regard to potential nonradiological impacts, the proposed exemption does not affect nonradiological plant effluents and has no other environmental impact. The Commission concludes that there are no significant nonradiological impacts associated with the proposed exemption.

Alternative to the Proposed Action:

As an alternative to the proposed action, the staff considered denial of the proposed action. Denial of the exemption would result in no change in current environmental impacts. The environmental impacts of the proposed exemption and this alternative are similar.

Alternative Use of Resources:

This action did not involve the use of any resources not previously considered in the Final Environmental Statement related to Catawba Nuclear Station and McGuire Nuclear Station.

Agencies and Persons Contacted:

In accordance with its stated policy, on May 13, 1997, the staff consulted with the South Carolina and North Carolina State officials, respectively, regarding the environmental impact of the proposed action. The State officials had no comments.

FINDING OF NO SIGNIFICANT IMPACT

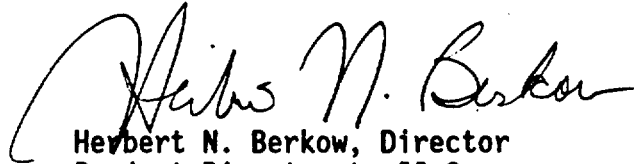
Based upon the foregoing environmental assessment, the Commission concludes that the proposed action will not have a significant effect on the quality of the human environment. Accordingly, the Commission has determined not to prepare an environmental impact statement for the proposed exemption.

For further details with respect to this action, see the licensee's request for the exemption dated February 24, 1997, which is 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 rooms located at the York County Library, 138 East Black Street, Rock Hill,

South Carolina 29730 for the Catawba Nuclear Station; and the J. Murrey Atkins Library, University of North Carolina at Charlotte, 9201 University City Boulevard, Charlotte, North Carolina 28223 for the McGuire Nuclear Station.

Dated at Rockville, Maryland, this 21st day of May 1997

FOR THE NUCLEAR REGULATORY COMMISSION

A handwritten signature in cursive script, appearing to read "Herbert N. Berkow". The signature is written in black ink and is positioned above the typed name and title.

Herbert N. Berkow, Director
Project Directorate II-2
Division of Reactor Projects - I/II
Office of Nuclear Reactor Regulation