

Duke Power Company
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Hal B. Tucker
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DUKE POWER

April 27, 1990

U.S. Nuclear Regulatory Commission
Document Control Desk
Washington, D.C. 20555

Subject: McGuire Nuclear Station
Docket Nos. 50-369 and 50-370
Annual Environmental Operating Report

Gentlemen:

Pursuant to McGuire Nuclear Station's Technical Specifications, Appendix B, attached is the Annual Environmental Operating Report for the calendar year 1989. This report contains: 1) Summaries and analyses of results of activities required by Section 4.2 of the Environmental Protection Plan (EPP); 2) List of EPP non-compliances and corrective actions; 3) List of changes in station design or operation, tests and experiments which involve a potentially significant environmental issue; and 4) List of nonroutine reports submitted in accordance with Section 5.4.2 of the EPP.

Very truly yours,

Hal B. Tucker

SAG/115/lcs

Attachments

cc: Mr. S. D. Ebnetter
Regional Administrator
U.S. Nuclear Regulatory Commission
Region II
101 Marietta Street, N.W. Suite 2900
Atlanta, GA 30323

Mr. Darl Hood, Project Manager
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Mr. P. K. VanDoorn
NRC Resident Inspector
McGuire Nuclear Station

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item 1

EPP Section 5.4.1

Summaries and analyses of results of activities required by Section 4.2 of the EPP.

1. A Summary Report of the 1989 Lake Norman Maintenance Monitoring Program required by McGuire Nuclear Station NPDES Permit NO. NC0024392 was submitted to the North Carolina Department of Environment, Health, and Natural Resources on April 25, 1990. No adverse non-radiological impacts on the environment were noted during the reporting period. No evidence of trends toward irreversible damage to the environment was detected. A copy of this report was also forwarded to the NRC.

Item 2

EPP Section 5.4.1(a)

EPP non-compliance and corrective actions

1. A copy of nonroutine event reports, describing exceedance of an NPDES permit limit that were submitted to the state agency, was not forwarded to the NRC at the same time.

Corrective Action

Individuals responsible for submittal of NPDES reports were notified of EPP requirements. A copy of nonroutine event reports submitted to the state agency in 1989 is attached.

Item 3

EPP Section 5.4.1(b)

Changes in station design or operation; tests and experience which involve a potentially significant unreviewed environmental issue.

No changes were identified that involved a potentially significant unreviewed question.

Item 4

EPP Section 5.4.1(c)

Non-routine reports submitted in accordance with Section 5.4.2 of the EPP.

1. A report of a spill of approximately 18 pounds of liquid hydrazine onto an asphalt surface within the protected area fence of McGuire Nuclear Station was submitted to the North Carolina Emergency Response Commission and the Charlotte Mecklenburg Emergency Management Office on September 29, 1989. The Nuclear Regulatory Commission, as well as appropriate federal, state, and local environmental agencies were notified when the spill occurred on September 1, 1989.

2. A monthly NPDES discharge monitoring report, describing nonroutine events (Fecal Coliform density exceeded 2400/100 ml at McGuire Nuclear Station Outfall 003 and a pH of 9.2 at MNS Outfall 002), was submitted to North Carolina Division of Environmental Management on July 27, 1989.
3. A monthly NPDES discharge monitoring report, describing nonroutine events (Fecal Coliform density exceeded 2400/100 ml at McGuire Nuclear Station Outfall 003), was submitted to North Carolina Division of Environmental Management on September 26, 1989.

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DUKE POWER COMPANY
NUCLEAR PRODUCTION DEPARTMENT
P.O. BOX 33189, 422 SOUTH CHURCH STREET
CHARLOTTE, N.C. 28242
(704) 373-4011

July 27, 1989

Division of Environmental Management
Water Quality Section
Attention: Central Files
P. O. Box 27687
Raleigh, NC 27611

Subject: Duke Power Company
NPDES Monitoring Report for
McGuire Nuclear Station - NC0024392
File: MC-702.25

Dear Sir:

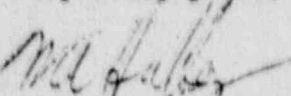
In accordance with Part II, C(2) of the above referenced NPDES permit, duplicate copies of the monthly monitoring report for June, 1989 are enclosed:

Please note at McGuire Nuclear Station, Outfall 003, there was a fecal coliform exceedance of >2400/100 ml on June 27, 1989. The fecal exceedance was believed to be the result of insufficient chlorination of the sanitary system discharge. Upon this discovery, chlorine addition was immediately corrected to achieve the optimum disinfection. There was no harmful impact to the environment since Outfall 003 discharges to the Wastewater Collection Basin (Outfall 005) prior to discharging to the environment. Fecal samples collected from Outfall 005, on the same day, indicated that the discharge was well within water quality standards.

Additionally, please note that on Outfall 002, there was a pH exceedance of 9.2 which was referenced in a letter to you dated June 16, 1989:

Please direct any correspondence or questions concerning the McGuire Nuclear Station NPDES Program to M. C. Griggs (704) 373-7080, Nuclear Environmental Compliance.

Very truly yours,



W. A. Haller, Manager
Nuclear Technical Services

LPH/ggb:0229

Attachments

DUKE POWER COMPANY
NUCLEAR PRODUCTION DEPARTMENT
P.O. BOX 33189, 422 SOUTH CHURCH STREET
CHARLOTTE, N.C. 28242
(704) 373-4011

September 26, 1989

Division of Environmental Management
Water Quality Section
Attention: Central Files
P. O. Box 27687
Raleigh, NC 27611

Subject: Duke Power Company
NPDES Monitoring Report for
McGuire Nuclear Station - NC0024392
File: MC-702.25

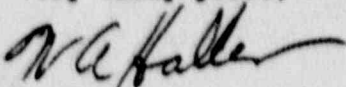
Dear Sir:

In accordance with Part II, C(2) of the above referenced NPDES permit, duplicate copies of the monthly monitoring report for August, 1989 are enclosed.

Please Note at McGuire Nuclear Station, Outfall 003, there was a fecal Coliform exceedance of > 2400/100 ml on August 8, 1989. The fecal exceedance was believed to be the result of insufficient chlorination of the sanitary system discharge. Upon this discovery, chlorine addition was immediately corrected to achieve the optimum disinfection. There was no harmful impact to the environment since Outfall 003 discharges to the Wastewater Collection Basin (Outfall 005) prior to discharging to the environment.

Please direct any correspondence or questions concerning the McGuire Nuclear Station NPDES Program to M. C. Griggs (704) 373-7080, Nuclear Environmental Compliance.

Very truly yours,



W. A. Haller, Manager
Nuclear Technical Services

LPH/rmb:0344

Attachments