

DUKE POWER COMPANY

STEAM PRODUCTION DEPT.

GENERAL OFFICES

422 SOUTH CHURCH STREET

CHARLOTTE, N. C. 28202

P. O. BOX 2178

TELEPHONE: AREA 704
373-4011

May 11, 1981

Division of Environmental Management
Water Quality Section
P. O. Box 27687
Raleigh, N. C. 27611



Subject: Duke Power Company
NPDES Monitoring Report For
Belews Creek Steam Station - NC0024406
McGuire Nuclear Station - NC0024392
File: BC-704.21, MC-704.21

Dear Sir:

In accordance with Part 1, C(2) of the above referenced NPDES permit, duplicate copies of the monthly monitoring report for March 1981 are enclosed. The Duke Power Company NPDES permit requires monitoring for pH, temperature, total suspended solids, oil and grease, total heavy metals, and biological parameters in various discharges and in-lake locations at Belews Creek and McGuire.

We are submitting the data on the North Carolina Monthly Monitoring Report Forms and the EPA Form 3320-1 for clarity. The state Monthly Monitoring Report forms do not readily lend themselves to reporting the parameters we are required to monitor and report. We are required to monitor more parameters than there are allocated spaces.

The Waste Water Collection Basin (WWCB) effluent pH at McGuire Nuclear Station exceeded the maximum limitations of 9.0 standard units in March. Our letter of October 19, 1978 to Mr. D. Rex Gleason outlined the history of WWCB and pH fluctuations which appear to be caused by photosynthetic activity.

Please contact us if you require further clarification.

Very truly yours,

W. A. Haller

W. A. Haller, Manager
Technical and Environmental
Services Group

LWP/tw

Enclosure

cc: J. E. Lansche w/o enclosure
J. R. Hendricks " "
N. A. Rutherford w/enclosure
Harold R. Denton, Director
Office of Nuclear Reactor Regulation
U. S. Nuclear Regulatory Commission
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*Add: R. Babhard - 1cy
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