

DUKE POWER COMPANY  
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WILLIAM A. HALLER  
MANAGER  
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June 8, 1988

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

SUBJECT: Noncompliance Notification  
McGuire Nuclear Station (NC0024392)  
File: MC-704.20

Dear Sir:

In accordance with Part II.A.2 of the McGuire Nuclear Station NPDES permit (NC0024392), this is to notify you of a noncompliance incident at McGuire Nuclear Station. This letter is a follow-up to the telephone notification to the South Piedmont Regional Office on May 31, 1988. Information related to the incident is as follows:

Discharge

The discharge was the Conventional Wastewater Treatment (WC) System, discharge 002.

Cause

The pH exceeded 9.0 standard units. The pH reached a maximum of 9.3 standard units due to a malfunction of the CO<sub>2</sub> addition system.

Date

The incident occurred on May 31, 1988. The duration was approximately 5 hours.

Prevention

Discharge was immediately terminated when the pH was found above the limitations. The cause of the malfunction is under investigation. Once the investigation is complete, measures will be taken to correct any deficiencies that exist.

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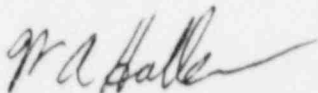
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Summary

Flow to the pH instrumentation failed when a flow switch malfunctioned. As a result, CO<sub>2</sub> was not being added to reduce the pH. An emergency work request was initiated to correct the problem. Flow to the instrumentation was restored, and an investigation was initiated to determine what caused the switch to malfunction. The maximum quantity of water discharged during the 5 hour period was approximately 72,000 gallons. The WC System discharge combines with an additional flow from the Collection Basin prior to discharging to the Catawba River just downstream of Cowans Ford Dam. The impact of this pH excursion was of minimum consequence to the environment.

Should you have any questions, please contact R.T. Simril at 373-2310 or M.C. Griggs at 373-7080.

Sincerely,



W.A. Haller, Manager  
Nuclear Technical Services

WTG/43/rhm

xc: Rex Gleason  
Document Control Desk