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McGuire Nuclear Generation Department
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DUKE POWER

March 13, 1996

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

Subject: McGuire Nuclear Station
Docket Nos. 369, 370
NPDES Permit No. NC0024392

Pursuant to Duke Power's Corporate Environmental Manual, please find attached notification of a recent non-compliance associated with McGuire Nuclear Station's Conventional Waste Treatment System (WC). This non-compliance was reported to the state on February 21, 1996. The health and safety of the public was not affected as a result of this event.

Questions should be directed to Kay Crane, McGuire Regulatory Compliance at (704) 875-4306.

A handwritten signature in cursive script, appearing to read 'T. C. McMeekin'.

T. C. McMeekin, Vice President
McGuire Nuclear Station

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

Mr. Victor Nerses
Office of Nuclear Reactor Regulation
Washington, D.C. 20555

Mr. G. F. Maxwell
Senior Resident Inspector
McGuire Nuclear Station

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Event Description:

The WC (Conventional Waste Treatment System), Outfall 002, experienced a 9.4 pH level while discharging Settling Pond B. This event occurred at 9:30 a.m. on February 10, 1996. Upon investigation, there appears to have been two problems that led to the non-compliance: 1) The CO2 system failed to perform as required allowing the pH to exceed the limits and 2) the automatic shutoff valve that backs up the CO2 System was out of service for repairs and there were no additional fail-safe systems. Settling Pond B was reading a pH of 8.6 on February 16, 1996 when discharge began.

After the elevated pH was detected, the discharge of Settling Pond B was discontinued. Immediate repairs were initiated to correct the CO2 System and the automatic shutoff valve. After all repairs are completed and additional sampling performed, the discharge of Settling Pond B will continue.