

Duke Power Company
McGuire Nuclear Station
13225 Hagers Ferry Road
Huntersville, NC 28078

(704)875-4000



DUKE POWER

May 15, 1997

Mr. Rex Gleason, P.E.,
Regional Manager, Water Quality Section
North Carolina Department of Environmental,
Health, and Natural Resources
919 North Main Street
Mooresville, North Carolina 28115

Re: Notification of IW-2 Lift Station Overflow
McGuire Nuclear Station, WC Industrial Waste System
NPDES Permit # NC0024392
Mecklenburg County, N.C.

Dear Mr. Gleason:

This written notification is pursuant to: Part II, Section E (6)(B)(2,3), of the Duke Power Company, McGuire Nuclear Station (WC System), NPDES Permit (NC0024392). This is the written follow-up report required to be submitted to the North Carolina Department of Environmental, Health, and Natural Resources for the May 13, 1997, IW-2 Lift Station overflow. Telephone notification was made to Mike Parker of the Mooresville Regional Office on May 13, 1997, at approximately 1500, by Eddie Faulkner of the Duke Power's McGuire Nuclear Site, Environmental Management.

A 2" water main feeding a 500 gallon hot water tank in the basement of building 7405, ruptured. The contents of the hot water tank and the 2" main, with 90 psi pressure, flowed into IW-2 Pump Station and overflowed onto the ground. The IW-2 Pump Station is part of the Industrial Waste (WC) System, that comes from the Island to the Plant (mainly lab sinks). Because this situation occurred around lunch, it was felt very little of the water was lab sink waste. It is estimated 1000 gallons of water made it to the grassed area below IW-2 and 200 gallons actually made it to Lake Norman.

The break in the 2" water line was secured, IW-2 Lift Station was allowed to pump down the extra water, and repairs were made to correct the situation. A root cause investigation will be performed to identify the cause and corrective actions will be implemented to prevent future events.

Should you have any comments or concerns, please contact Eddie Faulkner Environmental Management at 704-875-5158.

Dayna Herrick

Dayna Herrick P.E.
Environmental Manager
McGuire Nuclear Station

cc: Mr. Dave Goodrich, NCDEHNR, Raleigh, N.C.

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