



**DUKE POWER**

January 30, 1991

North Carolina Emergency Response Commission  
Joseph F. Myers, Chairman  
116 West Jones Street  
Raleigh, NC 27603-1335

Charlotte-Mecklenburg Emergency Management Office  
Wayne Broome  
125 South Davidson Street  
Charlotte, NC 28202

SUBJECT: McGuire Nuclear Station  
Superfund Amendments and Reauthorization Act (SARA)  
Follow-up Release Notification  
File: MC-707.26

Dear Sirs:

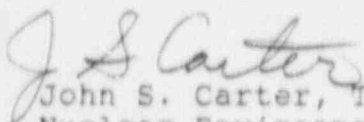
Pursuant to 40 CFR Part 355 (Emergency Planning and Notification), Duke Power Company hereby provides written follow-up emergency notice of a reportable SARA release. From November 10 to 11, 1990, hydrazine was released into the Catawba River in concentrations no greater than 225 parts per billion (ppb). It is estimated that a total of one pound of hydrazine was released in the 24-hour period. Hydrazine is considered to be an Extremely Hazardous Substance under SARA with a reportable quantity of one pound. Verbal notification was made to your offices on November 15, 1990, as well as to the National Response Center, the North Carolina Department of Environment, Health, and Natural Resources Regional Office in Mooresville, the North Carolina Division of Environmental Management, and the North Carolina Division of Emergency Management. An additional notification was made to the Nuclear Regulatory Commission resident inspector as is required by 10CFR Part 50.72(b)(2)(vi).

The release occurred when the station's auxiliary electric boiler released water containing hydrazine into a floor drain which discharged into the station's wastewater collection basin (WWCB). Measures have been identified to correct the problem and to minimize the possibility of a recurrence. Due to the low concentrations of hydrazine that were released, no impact to the receiving waters resulted from the event. In addition, there were no anticipated acute or chronic health risks associated with this release.

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If you have any questions concerning this notification, please contact Mike Ruhe at (704) 373-2374 or Dave Phillips at (704) 875-4633.

Very truly yours,



John S. Carter, Technical System Manager  
Nuclear Environmental Compliance

MR/1356

xc: NRC Regional Administrator, Region II  
NRC Office of Nuclear Reactor Regulation  
NRC Document Control Desk ✓  
NRC Resident Inspector

bc: T.L. McConnell  
D.W. Phillips  
R.O. Sharpe  
M.S. Tuckman  
H.B. Tucker  
G.S. Rice

G.D. Gilbert  
R.P. Michael  
J.S. Carter  
M.E. Hollis  
Staff (route)  
W. A. Haller