



DUKE POWER

September 15, 1994

Stan M. McKinney
South Carolina Emergency Response Commission
Division of Public Safety Program
Rutledge Building
Emergency Preparedness
1429 Senate Street
Columbia, South Carolina 29201

Cotton Howell
York County Emergency Preparedness Agency
155 Johnson Street
P.O. Box 11706
Rock Hill, South Carolina 29731

Subject: Catawba Nuclear Station
Follow-up Release Notification - Sodium Nitrite
File: CN-702.26, 702.04

Dear Sirs,

Pursuant to 40 CFR 355 (Emergency Planning and Notification), Duke Power Company hereby submits written follow-up notification for the release of sodium nitrite which occurred on September 8, 1994.

The release began at approximately 1430 hours and was terminated at 1630 hours. This release occurred as a result of a digging operation that accidentally ruptured a cooling system pipe containing the sodium nitrite as a corrosion inhibitor. The concentration of sodium nitrite in the system was 2,121 parts per million (ppm), but was constantly being diluted from the systems demineralized water makeup. A total of approximately 200 pounds of sodium nitrite was released.

The chemical solution flowed across soil into a local yard drain which diverts stormwater to the site conventional waste treatment system. There was no off site release. The spill area was flushed with clean water to ensure that the entire contents of the spill was transported to the treatment system.

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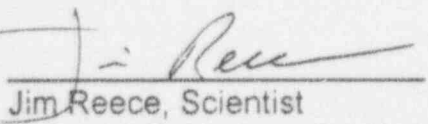
Shortly after the release was terminated, maintenance crews isolated the system and began making repairs. At this time, the repairs have been made and the system is operating normally. This event has been entered into our Problem Investigation Process (PIP) to determine the root cause and implement corrective actions to prevent future events of this nature.

As sodium nitrite is a CERCLA listed chemical with a reportable quantity of 100 pounds, notifications were made to the following agencies:

<u>Agency</u>	<u>Contact</u>	<u>Date</u>	<u>Time</u>
South Carolina Emergency Response Commission	Shelly Baskins	9/8/94	1635
York County Emergency Preparedness	Barb Williams	9/8/94	1640
National Response Center (Report # 259-06)	Petty Officer Shores	9/8/94	1640
South Carolina Department of Health and Environmental Control	Joe Farris	9/8/94	1650
Nuclear Regulatory Commission	Steve Sandin	9/8/94	1805

If you should have any questions concerning this matter or need additional information, please contact me at (803) 831-3376.

Sincerely,


Jim Reece, Scientist
Catawba Environmental Management

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xc: Mr. Al Williams, DHEC - Catawba District
Mr. Joe Farris, DHEC - Catawba District
United States Nuclear Regulatory Commission - Documents Control
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