



50-423

May 9, 1997

SES-97-GN-080

D11114

Mr. James Grier  
Supervising Sanitary Engineer  
Water Management Bureau  
Department of Environmental Protection  
79 Elm Street  
Hartford, CT 06106-5127

Dear Mr. Grier:

Reference 1 Letter D10959 from S. E. Scace to J. Grier dated April 9, 1997

Reference 2 Letter D10751 from S. E. Scace to J. Grier dated February 11, 1997

Millstone Station  
Notification of Discharges - Millstone Unit 3

Northeast Nuclear Energy Company (NNECO) has previously discussed with you protocols for reporting the processing of certain wastewater containing trace amounts of hydrazine until no hydrazine above detection limits is observed (References 1 & 2). Following-up on our prior oral notifications, NNECO hereby submits the following written notification of discharges occurring between April 12, 1997 and May 7, 1997. These discharges were discussed with you by phone on April, 14, 1997, April 18, 1997, April 28, 1997 and May 7, 1997.

1. Hydrazine Removal Prior to Discharge via DSN 001C-2

On the dates listed below, trace amounts of hydrazine were detected in wastewaters in the High Level Waste Drains Tanks (HLWDT) associated with DSN 001C-2. Consistent with the manner in which similar wastewater has been previously handled (Reference 1), the wastewaters in the HLWDT were processed through the demineralizers and filters associated with DSN 001C-2 prior to discharge from the Waste Test Tanks. These wastewaters met all permit limits for DSN 001C-2. Further, no hydrazine above detectable limits (<5 ppb) using spectrophotometry was found. The initial concentrations detected, dates and volumes discharged are provided below.

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<u>Initial Concentration (ppb)</u>	<u>Date Discharged</u>	<u>Volume Discharged (gallons)</u>
48	April 12, 1997	18,900
48	April 12, 1997	18,480
32	April 18, 1997	18,240
75	April 25, 1997	18,900
31	April 25, 1997	19,110
83	April 27, 1997	16,800
51	May 7, 1997	18,690

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2. Hydrazine Removal Prior to Discharge via DSN 001C-3


On April 26, 1997, wastewater containing trace amounts of hydrazine was detected in the B Low Level Waste Drains Tank (LLWDT) associated with DSN 001C-3. Consistent with the manner in which similar wastewater has been previously handled (Reference 2) the wastewater in the LLWDT was processed through a filter and demineralizer to remove hydrazine to below detectable levels based on spectrophotometry (<5 ppb). This wastewater met all limits associated with DSN 001C-3. The initial hydrazine concentration detected, date and volumes discharged are provided below:

<u>Initial Concentration (ppb)</u>	<u>Date Discharged</u>	<u>Volume Discharged (gallons)</u>
138	April 26, 1997	2920

Should you have any questions, please call Mr. Paul Jacobson, Environmental Services - Nuclear at (860) 447-1791 Ext. 2335.

Very truly yours,

NORTHEAST NUCLEAR ENERGY COMPANY

  
S. E. Scace  
Director - Nuclear Engineering Programs

cc: NRC