



Northeast
Utilities System

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Northeast Utilities Service Company
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Hartford, CT 06141-0270
(203) 665-5000

March 1, 1994

Docket Nos. 50-213
50-245
50-336
50-423
B14758

Re: 10CFR26.71(d)

U.S. Nuclear Regulatory Commission
Attention: Document Control Desk
Washington, DC 20555

Haddam Neck Plant
Millstone Nuclear Power Station, Unit Nos. 1, 2, and 3
Semiannual Fitness-for-Duty Performance Data
for July 1993 through December 1993

The provisions of 10CFR26.71(d) require licensees to collect and compile fitness-for-duty program performance data on a standard form and submit the data to the Commission within 60 days of the end of each 6-month reporting period (January through June and July through December). Accordingly, Attachments 1 through 5 contain fitness-for-duty program performance data for July 1993 through December 1993.

The regulations allow flexibility in how to submit the data; i.e., corporate and other support staff locations may be separately consolidated, but require that the following data be included: random testing rate; drugs tested for and cutoff levels, including results of tests using lower cutoff levels and tests for other drugs; work force populations tested; number of tests and results by population and type of test (i.e., preaccess, random, for cause, etc.); and substances identified. Attachment 1 to this letter contains an explanation of the performance data form, a summary of the performance data, a summary of management actions, and other significant fitness-for-duty events. Attachments 2, 3, and 4 are separate compilations of data collected at Millstone Station, the Haddam Neck Plant, and Northeast Utilities' corporate office, respectively. Attachment 5 is a compilation of the aforementioned sites into one data sheet. We believe that it is useful to submit separate and total data sheets to the NRC Staff to aid in the data collection and analysis process.

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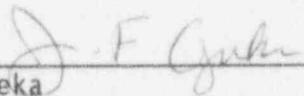
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If you have any questions regarding this submittal, please contact us.

Very truly yours,

CONNECTICUT YANKEE ATOMIC POWER COMPANY
NORTHEAST NUCLEAR ENERGY COMPANY



J. F. Opeka
Executive Vice President

Attachments

- cc: T. T. Martin, Region I Administrator
A. B. Wang, NRC Project Manager, Haddam Neck Plant
J. W. Andersen, NRC Project Manager, Millstone Unit No. 1
G. S. Vissing, NRC Project Manager, Millstone Unit No. 2
V. L. Rooney, NRC Project Manager, Millstone Unit No. 3
W. J. Raymond, Senior Resident Inspector, Haddam Neck Plant
P. D. Swetland, Senior Resident Inspector, Millstone Unit Nos. 1, 2,
and 3

COTRAP LETTER #: B14758

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 ___ L.H. PICARAZZI MP NRB
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 ___ R.G. JOSHI W-218
 ___ P.J. LUTZI W218 NRB
 ___ J.A. RUTTAR MP
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SALP
SEE ATTACHED DISTRIBUTION

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- ___ S. E. SCACE: (W203)
- ___ E. A. DEBARBA: (W-203)
- ___ LIS INFORMATION SERVICE
- ___ T. F. JANNETY W-218 EXEMPTIONS
- ___ NUSCO MANAGER, SYSTEM NUCLEAR INFO. (A. J. CASTAGNO E-135)
- ___ LICENSE AMENDMENTS, TSCR etc.: (T. F. JANNETY W-218) & (M.J. WOLPERT W-141): PTSCR/PLAR/PLA AR # _____
- ___ PROCEDURE CHANGE REQUIRED: (M. DUGGAN W-100)
- ___ POSTING OF NOTICES TO WORKERS 10CFR PART 19 (SEE ATTACHED DISTRIBUTION)

OTHERS:

w. F. Nevelos - CY
D. J. Heritage - NU EAST
S. M. Oritos - NU EAST

COMMITMENT ACTION TRACKING INFORMATION

Full/Partial Response To: COTRAP # or _____
 (NRC COMMITMENTS) CAT # _____
 Number of Calendar days in Advance (+) or Late (-) of Commitment: _____

NL Lead	Discipline Lead	Input Due NL (or) Action Completion Due	Response Due Date	DESCRIPTION
PCP	DJ Heritage	7/12/94	8/3/94	Provide input for 1/94 - 6/94 Semi-annual FFD Performance Data Report

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Attachment 1

Haddam Neck Plant
Millstone Nuclear Power Station, Unit Nos. 1, 2, and 3
Northeast Utilities Corporate Office

Performance Data Form Explanation
Summary of Performance Data/Management Actions
Other Significant Fitness-for-Duty Events

March 1994

Haddam Neck Plant
Millstone Nuclear Power Station, Unit Nos. 1, 2, and 3
Northeast Utilities Corporate Office
Performance Data Form Explanation
Summary of Performance Data/Management Actions
Other Significant Fitness-for-Duty Events

Performance Data Form Explanation

• Cutoffs

Northeast Utilities' cutoff levels differ from NRC standard cutoff levels in the marijuana category only. Northeast Utilities uses a 50 ng/ml screening cutoff level, which is more conservative than the NRC standard.

• Substances

Northeast Utilities testing program includes only the NIDA 5 substances.

• Contractor Personnel

Northeast Utilities does not maintain records for separate categories of contractors. Consequently, all contractor data is recorded under the short-term contractor personnel category.

• Average Number of Unescorted Access vs. Random Testing Results

The average number of corporate support personnel with unescorted access for either or both sites (see Attachment 4) includes employees from a variety of support locations; some at the corporate office, others at, or near, the two plant sites.

The data reported in the random test results category reflect the number of tests actually performed at each of Northeast Utilities' collection locations.

Although random selection of the corporate support personnel is performed in conjunction with the corporate office pool, specimen collection is actually done at the collection site nearest the individual's work location or current assignment--frequently at one of the stations. As a result, the number tested in the random category for the corporate office appears less than anticipated, while the number tested in the same category for Millstone Station and the Haddam Neck Plant is higher than expected. However, the aggregate data for total program performance (Attachment 5) demonstrate that the number of random tests performed meets the required 100 percent testing rate.

- Confirmed Positive Tests for Specific Substances

This section contains the number of confirmed positive tests, recorded by substance, during the reporting period. Please note that there may be no direct correlation between the sum of these numbers and the number of positives entered on the front of the form; positive tests for multiple substances per individual are recorded as separate items in this table.

- NRC and Northeast Utilities Cutoff Levels

Since Northeast Utilities uses a cutoff level for marijuana which is more restrictive than NRC, the "# positive" column for that substance only is split; the left side indicates confirmed positives based on NRC cutoff levels, and the right side indicates the confirmed positives based on Northeast Utilities' more restrictive cutoff levels.

- Other

This category is used to record "supplemental" tests performed during the report period. Supplemental tests are recollections of specimens which, for technical reasons, could not be processed by the NIDA laboratory. Examples of reasons for not processing include specimen leakage and insufficient specimen.

Summary of Performance Data

- 4310 tests performed.
- 2375 tests were random.
 - Average population = 4642
 - 100 percent random testing rate achieved.
- Percent verified confirmed positive rates.
 - Preaccess = 1.1 percent (73 percent of verified confirmed positive tests were in this category).
 - Random = 0.17 percent.
 - Overall = 0.60 percent.

- There were 27 verified confirmed positive tests from 26 individuals. One individual tested positive for 2 substances.

Breakdown:

--	Marijuana	15 (55 percent)
--	Cocaine	8 (30 percent)
--	Alcohol	4 (15 percent)

There were no verified confirmed positive tests for any other substance.

- NRC vs. Northeast Utilities Cutoff Levels (Marijuana)
 - A total of fifteen individuals tested verified confirmed positive for marijuana.
 - Five of the fifteen samples screened at a level between 50 ng/ml and 99 ng/ml (33 percent of the samples were verified confirmed positive for marijuana at a level less than 100 ng/ml).
 - Ten of the fifteen samples screened at a level of 100 ng/ml or greater (67 percent of the samples were verified confirmed positive for marijuana at a level of 100 ng/ml or greater).

Management Actions

Twenty-two contractor personnel tested verified confirmed positive for drugs or alcohol. Nineteen of these individuals tested verified confirmed positive in the prebadging situation. All nineteen were denied unescorted access and will not be considered for unescorted access for a period of one year. Another three contractor personnel, with unescorted access, tested verified confirmed positive and unescorted access privileges were revoked. These individuals are similarly not eligible for consideration for unescorted access for one year.

No outside applicant for employment with Northeast Utilities tested verified confirmed positive in a preemployment test.

No contractor employees tested verified confirmed positive for the second time.

Four Northeast Utilities' employees tested verified confirmed positive for the first time. Consistent with company policy, the following actions were taken:

- Unescorted access was revoked for a minimum of 14 days.
- They were referred to the Employee Assistance Program.

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- They were placed on paid medical leave for a minimum of 14 days (paid status contingent upon cooperation with the medical program and having sufficient sick time accrued).

All of the above employees had their unescorted access reinstated before the close of the report period.

Significant Events

- On October 18, 1993, Northeast Utilities notified the NRC of a significant event which involved a positive random test on a CYAPCO supervisor.
- On December 8, 1993, a full unopened container of beer was discovered by a contractor while emptying a portable toilet. The incident was reported to the Resident Inspector.

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Attachment 2

Millstone Nuclear Power Station, Unit Nos. 1, 2, and 3

Semiannual Fitness-for-Duty
Performance Data

March 1994

Fitness for Duty Program Performance Data Personnel Subject to 10CFR 26

Northeast Nuclear Energy Company	December 31 1993
Company	6 Months Ending
Millstone Nuclear Power Station	
Location	
David J. Heritage	
Contact Name	Phone (include area code)
Cutoffs: Screen/Confirmation (ng/ml) <input type="checkbox"/> Appendix A to 10CFR 26	
Marijuana 50/15	Amphetamines 1000/500 _____ /
Cocaine 300/150	Phencyclidine 25/25 _____ /
Opiates 300/300	Alcohol (% BAC) 0.04 _____ /

Testing Results		Licensee Employees		Long-Term Contractor Personnel		Short-Term Contractor Personnel	
		# Tested	# Positive	# Tested	# Positive	# Tested	# Positive
Average Number with Unescorted Access		859				1705	
Pre-Access		25	0			1590	13
For Cause	Post accident	0	0			0	0
	Observed behavior	0	0			6	1
Random		804	1			847	0
Follow-up		54	0			11	0
Other		1	0			84	2
Total		884	1			2538	21

Breakdown of Confirmed Positive Tests for Specific Substances

	NRC	NU	Cocaine	Opiates	Amphetamines	Phencyclidine	Alcohol	Refusal to Test	1	2	3	4	5
Licensee Employees	1												
Long-Term Contractors													
Short-Term Contractors	9	5	6				2						
Total	10	5	6				2						

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Attachment 3
Haddam Neck Plant
Semiannual Fitness-for-Duty
Performance Data

March 1994

Fitness for Duty Program Performance Data Personnel Subject to 10CFR 26

Connecticut Yankee Atomic Power Company		December 31, 1993
Company		6 Months Ending
Haddam, Connecticut		
Location		
David J. Heritage		
Contact Name		Phone (include area code)
Cutoffs: Screen/Confirmation (ng/ml) <input type="checkbox"/> Appendix A to 10CFR 26		
Marijuana	50/15	Amphetamines 1000/500 _____ /
Cocaine	300/150	Phencyclidine 25/25 _____ /
Opiates	300/300	Alcohol (% BAC) 0.04 _____ /

Testing Results		Licensee Employees		Long-Term Contractor Personnel		Short-Term Contractor Personnel	
		# Tested	# Positive	# Tested	# Positive	# Tested	# Positive
Average Number with Unescorted Access		205				336	
Pre-Access		30	0			36	1
For Cause	Post accident	0	0			0	0
	Observed behavior	0	0			0	0
Random		184	2			218	0
Follow-up		26	0			3	0
Other		0	0			0	0
Total		240	2			257	1

Breakdown of Confirmed Positive Tests for Specific Substances

	NRC		Cocaine	Opiates	Amphetamines	Phencyclidine	Alcohol	Refusal to Test	1	2	3	4	5
	Manjuana	NU											
Licensee Employees			1				1						
Long-Term Contractors													
Short-Term Contractors			1										
Total			2				1						

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Attachment 4

Northeast Utilities' Corporate Office

Semiannual Fitness-for-Duty
Performance Data

March 1994

Fitness for Duty Program Performance Data Personnel Subject to 10CFR 26

Northeast Utilities Service Company		December 31, 1993
<small>Company</small>		<small>6 Months Ending</small>
Berlin, Connecticut		
<small>Location</small>		
David J. Heritage		
<small>Contact Name</small>		<small>Phone (include area code)</small>
Cutoffs: Screen/Confirmation (ng/ml) <input type="checkbox"/> Appendix A to 10CFR 26		
Marijuana	50/15	Amphetamines 1000/500 _____ /
Cocaine	300/150	Phencyclidine 25/25 _____ /
Opiates	300/300	Alcohol (% BAC) 0.04 _____ /

Testing Results		Licensee Employees		Long-Term Contractor Personnel		Short-Term Contractor Personnel	
		# Tested	# Positive	# Tested	# Positive	# Tested	# Positive
Average Number with Unescorted Access		1537					
Pre-Access		48	0			3	0
For Cause	Post accident	0	0			0	0
	Observed behavior	1	0			0	0
Random		312	1			10	0
Follow-up		17	0			0	0
Other		0	0			0	0
Total		378	1			13	0

Breakdown of Confirmed Positive Tests for Specific Substances

	NRC		Cocaine	Opiates	Amphetamine	Phencyclidine	Alcohol	Refusal to Test	1	2	3	4	5
	Marijuana	NUJ											
Licensee Employees							1						
Long-Term Contractors													
Short-Term Contractors													
Total	0	0					1						

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Attachment 5

Northeast Utilities

Semiannual Fitness-for-Duty
Performance Data Compilation

March 1994

Fitness for Duty Program Performance Data Personnel Subject to 10CFR 26

Northeast Utilities	December 31, 1993
Company	6 Months Ending
Berlin Connecticut	
Location	
David J. Heritage	(203) 665-2306
Contact Name	Phone (include area code)
Cutoffs: Screen/Confirmation (ng/ml) <input type="checkbox"/> Appendix A to 10CFR 26	
Marijuana 50/15	Amphetamines 1000/500 _____ /
Cocaine 300/150	Phencyclidine 25/25 _____ /
Opiates 300/300	Alcohol (% BAC) 0.04 _____ /

Testing Results		Licensee Employees		Long-Term Contractor Personnel		Short-Term Contractor Personnel	
		# Tested	# Positive	# Tested	# Positive	# Tested	# Positive
Average Number with Unescorted Access		2601				2041	
Pre-Access		103	0			1629	19
For Cause	Post accident	0	0			0	0
	Observed behavior	1	0			6	1
Random		1300	4			1075	0
Follow-up		97	0			14	0
Other		1	0			84	2
Total		1502	4			2808	22

Breakdown of Confirmed Positive Tests for Specific Substances

	NRC		Cocaine	Opiates	Amphetamines	Phencyclidine	Alcohol	Refusal to Test	1	2	3	4	5	
	Marijuana	NU												
Licensee Employees	1	0	1				2							
Long-Term Contractors														
Short-Term Contractors	9	5	7				2							
Total	10	5	8				4							
A													22	27