

P.O. BOX 270 HARTFORD, CONNECTICUT 06141-0270 (203) 665-5000

September 24, 1990

Docket Nos. 50-213 50-245 50-336 50-423 B13629

Re: 10CFR26.71(b)

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

Gent!emen:

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

In a letter dated August 17 990, (1) Connecticut Yankee Atomic Power Company (CYAPCO), on behalf o Haddam Neck Plant, and Northeast Nuclear Energy Company (NNECO) on broof Millstone Nuclear Power Station, Unit Nos. 1, 2, and 3, submitted its semiannual Fitness-for-Duty performance data as required by 10CFR26.71(d). Due to an administrative oversight, a positive test result for alcohol was not included in our data compilation process. Also, the original submittal contained a typographical error on the performance data forms which indicated a confirmation cutoff level of 50 ng/ml for cocaine. This has been corrected to show the actual cutoff level of 150 ng/ml.

This submittal supersedes Attachments 1 through 5 in the August 17, 1990, letter ... their entirety. 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 significant events reported. Attachments 2, 3, and 4 are separate compilations of data collected at the Millstone Nuclear Fower Station, Haddam Neck Plant, and Northeast Utilities corporate offices, respectively. Attachment 5 is a compilation of the aforementioned sites into one data sheet.

CYAPCO and NNECO trust that the information provided herein addresses the requirements of the fitness-for-duty rule, 10CFR26.71(d) and apologizes for

A121

⁽¹⁾ E. J. Mroczka letter to U.S. Nuclear Regulatory Commission, "Haddam Neck Plant, Millstone Nuclear Power Station, Unit Nos. 1, 2, and 3, Semiannua! Fitness-for-Duty Performance Data," dated August 17, 1990.

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any inconvenience this amendment may have caused the Staff. If the Staff has any questions regarding this submittal, please contact us.

Very truly yours.

CONNECTICUT YANKEE ATOMIC POWER COMPANY NORTHEAST NUCLEAR ENERGY COMPANY

Muryha E. J. Mroczka Senior Vice President

cc: T. T. Martin, Region I Administrator

M. L. Boyle, NRC Project Manager, Millstone Unit No. 1 G. S. Vissing, NRC Project Manager, Millstone Unit No. 2 D. H. Jaffe, NRC Project Manager, Millstone Unit No. 3 A. B. Wang, NRC Project Manager, Haddam Neck Plant

W. J. Raymond, Senior Resident Inspector, Millstone Unit Nos. 1, 2, and 3

J. T. Shedlosky, Senior Resident Inspector, Haddam Neck Plant

Attachment No. 1

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

Performance Data Form Explanation Summary of Performance Data/Management Actions Significant Events Reported U.S. Nuclear Regulatory Commission B13629/Page 1 September 21, 1990

Haddam Neck Plant

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

Northeast Utilities Service Company

Performance Data Form Explanation

Summary of Performance Data/Management Actions

Significant Events Reported

Performance Data Form Explanation

o 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.

o <u>Substances</u>

Northeast Utilities tests for five additional drugs--listed on the front of the form.

o <u>Categories</u>

- -- The "preemployment" testing category included those persons seeking a job with Northeast Utilities in a position which requires unescorted access. The category includes outside applications as well as internal transfers.
- The "prebadging" category includes all contract personnel seeking access to a Northeast Utilities nuclear facility as well as currently employed Northeast Utilities personnel requesting unescorted access.

o NRC vs. Northeast Utilities Cutoff Levels

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

o Average Number With Unescorted Access vs. Random Testing Results

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

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The data reported in the random test results category reflects the number of tests actually performed at each of NU's collection locations.

Although random selection of these 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 and Haddam Neck is higher than expected. However, the aggregate data for total program performance (Attachment 5) demonstrates that the number of random tests performed meets the required level.

o Verified Confirmed Positive Test for Specific Substances

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

Summary of Performance Data

- o 3,121 tests performed.
- o 1,794 tests were random.
 - -- Average population = 3,505.
 - -- 100 percent target rate achieved.
- o Percent verified confirmed positive rates:
 - -- Preemployment and Prebadging = 1.61 percent (64 percent of verified confirmed positive tests were in these two categories).
 - -- Random = 0.33 percent

Overall = 0.99 percent.

o the a were 34 verified confirmed positive tests from 31 individuals.

L. eakdown:

-- Marijuana 17 (50 percent) -- Cocaine 12 (35 percent) -- Alcohol 5 (15 percent) U.S. Nuclear Regulatory Commission B13629/Page 3 September 21, 1990

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

- o NRC vs. Northeast Utilities Cutoff Levels
 - A total of 17 individuals were verified confirmed positive tested for marijuana.
 - Twelve of these seventeen samples screened at a level between 50 ng/ml and 99 ng/ml (71 percent of the samples were verified confirmed positive tested for marijuana at a level less than 100 ng/ml).
 - -- Five of the seventeen samples screened at a level of 100 ng/ml or greater (that is 29 percent of the samples were verified confirmed posit /e tested for marijuana at a level of 100 ng/ml or greater).
 - Three of the twelve individuals who were verified confirmed positive tested between 50 and 99 ng/ml also tested verified confirmed positive for another substance which has a cutoff level identical to NRC. Consequently, Northeast Utilities' lower cutoff level had no impact on the verified confirmed positive determination for these three individuals, and the total difference between NRC and Northeast Utilities results is nine.

Management Actions

Twenty-five contractor personnel tested verified confirmed positive for drugs and alcohol. Nineteen of these individuals tested verified confirmed positive in the prebadging situation. All 19 were denied unescorted access and will not be considered for unescorted access for a period of 1 year. Another 6 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 1 year.

One outside applicant for employment with Northeast Utilities tested verified confirmed positive in a preemployment test. Employment was denied and the person may not reapply for one year.

Four Northeast Utilities employees tested verified confirmed positive. Consistent with Company policy, the following actions were taken:

- Unescorted access revoked for a minimum of 14 days.
- o Referred to the Employee Assistance Program (EAP).
- o Placed on paid medical leave for a minimum of 14 days (paid status contingent upon cooperation with the medical program).

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One of the above employees subsequently tested verified confirmed positive a second time, prior to reinstatement, and was terminated.

Two employees have had their unescorted access reinstated. Reinstatement of a third is pending at the time of this report.

Significant Event

On April 19. 1990, a supervisor working for a contract security firm tested varified confirmed positive for alcohol in a for-cause situation. Consistent with procedure, he was removed from the site, and unescorted access privileges were revoked for one year.

Attachment No. 2

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

Semiannual Fitness-for-Duty Performance Data

Performance Data Personnel Subject to CFR 26

Northeast Nucl	ar Energ	ry Co.		-	June 30,	THE RESERVE AND ADDRESS OF THE PERSON NAMED IN		
Waterford, CT					6 MONTHS ENDI			
Devid J. Herit	age				(2035 24	5-8036		,
CONTACT NAME					MICHE MICHA	AREA CODE)		
CUTOFFS: SCREEN/C	ONFIRMATIC	ON (ng/ml)	APPENDIX A TO 10	CFR 26	. ,			
MARUUANA 50	/ 15	AMPHETA	MINES 1000 / 500	Bar	biturates	300	/ 300	
COCAINE 300	0/150	PHENCYC	JDINE 25 / 25		zodiazeni hadone		300	
OPIATES 300	0/ 300	ALCOHOL	(% BAC) 0.04		haqualone poxypine		300	
TESTING RESULTS		UCENSEE	EMPLOYEES		RACTOR SONNEL	TOTA	AL .	
AVERAGE NUMBER WITH UNESCORTED ACCESS	752	N R N C U	State of the law, to be extended the	891	N P N C U	1643	N R C	N U
CATEGORIES	# TESTED	POSITIVE	REFERRED ACCESS	# TESTED	POSITIVE	# TESTED		# SITIVE
PRE-EMPLOYMENT	18	6.		0	0	18		n
PRE-BADGING	14	0		845	10 11	859	10	1:
PERIODIC -	0	0		0	0	0		0
FOR CAUSE	0	0	全世界	4	3 3	4	3	3
POST ACCIDENT	0	0		0	0	0		0
RANDOM	607	1 1	发生生产	435	1 1	1042	2	2
FOLLOW-UP	3	0		,	0	3		0
OTHER	0	0		2	0	2		0
TOTAL					1		1	1.,

ENDMIDUALS TESTED	198	9	19	90	199	1 .	19	192	19	193
POSITIVE NEGATIVE		/	10/3		/	/		/.	/	/
* POSITIVE			0.19	TITL	ти	ПП	1111	· · · ·	11111	
GRAPH OF 5 - X POSITIVE 4 -										
3 - 2 -										
1-						###				++++

CONFIRMED POSITIVE TESTS FOR SPECIFIC SUBSTANCES

	6			6		
MARUUANA		_		 		
COCAINE	6			-	-	
OPIATES	0				-	
AMPHETAMINES	0			-		
PHENCYCLIDINE	0					
ALCOHOL	5					
TOTAL	17					

6/7/89

	A STATE OF THE PARTY OF THE PAR	
- ALPAN SERTING	BOCK COM A MA	RESULTS

OF DIVIDUALS TESTED	19	189	19	90	19	91	19	92	19	93
@ POSITIVE	/		1040		/	/	/	/	/	/
% FOSITIVE		<u> </u>	0.19	 	1	Incu			Ш	11111
SPAPH OF 5										
2										

THE BOR SPECIFIC SUBSTANCES

ONFIRMED POSITIVE TES			:		
MARUUANA	6				
COCAINE	6				
OPIATES	0	1			
AMPHETAMINES	0				
PHENCYCLIDINE	0				
ALCOHOL	5			-	
			-	+	
TOTAL	17				

Attachment No. 3

Haddam Neck Plant

Semiannual Fitness-for-Duty
Performance Data

Performance Data Personnel Subject to CFR 26

Connectic	ut Yankee			June 30, 1990	
Fadden Ne				6 MONTHS ENDING	
COORDIN					
Devid J.	Heritage '			(203) 721-230)6 F
CONTACT NAME	ALL COLUMN			PHONE (MOLUCE AREA)	(3000)
MARIJUANA	SO / 15	AMPHETAMINES	1000 / 500	Barbiturates Benzodiazenines	300/ 300 300/ 300 300/ 300
COCAINE	300/150	PHENCYCLIDINE	25 / 25	Methadone Methagualone Propoxyphine	300/ 300 300/ 300
OPIATES	300/ 300	ALCOHOL (% BAC)	0.04		

TESTING RESULTS		LICE	NSEE	EMPLOYEES		CONTI			TOTAL			
AVERAGE NUMBER WITH UNESCORTED ACCESS	193	N P. C	N U	English war.		534	N P. C	NU	727	N P. C	N U	
CATEGORIES	TESTED #	PO	# SITIVE	REFERRED TO EAP	ACCESS RESTORED	# TESTED	POS	# SITIVE	# TESTED	POS	# SITIV	
PRE-EMPLOYMENT	9		0 -			0		0	9		0	
PRE-BADGING	8	1	1			332	2	8	340	3	9	
PERIODIC -	0		0	-		. 0		0	0		0	
FOR CAUSE	0		0	全数量		1		0	1		0	
POST ACCIDENT	0		0		25.4	0		0	0		0	
RANDOM	191		0	は、	200 年	270	2	2	461	2	2	
FOLLOW-UP	1	1	1	**	在 和中:	0		0	1	1	1	
OTHER	0		0		-	0		0	0	T	0	
TOTAL	209	2	2	1	0	603	4	110	812	6	1:	

NDMOUALS	1989		19	90	19	91	19	92	19	93
POSITIVE	1	1	2/	/	/			/.	/	/
POSITIVE			0.43	11111	11111	11111				
POSITIVE 4										
2		###								#

MARUUANA TEST	9		-	-		
COCAINE	5			-		
OPIATES	0			-		
AMPHETAMINES	0		-	-	-	
PHENCYCLIDINE	0			-	-	
ALCOHOL .	0					
TOTAL	14					6/

RANDOM TESTIN	G PRO IN	্ত গ্ৰহ			
MOMDUALS TESTED	1'989	1990	1991	1992	1993
• POSITIVE • NEGATIVE	//	2/459	//	//	///
% POSITIVE		0.43	 		
GRAPH OF S. N. POSITIVE 4					
2					
1				HHHHH	

MARUUANA TEST	9			+-	-	
COCAINE	5		+-	-	+-+	
OPIATES	0				+-+	
AMPHETAMINES	0	-	_	+	+-+	
PHENCYCLIDINE	0		_	+-	+-+	
ALCOHOL .	0		-	-	-	
		++	+-		-	
TOTAL	14					-

Attachment No. 4

Northeast Utilities Service Company

Semiannual Fitness-for-Duty
Performance Data

Performance Data Personnel Subject to CFR 26

Corporate Office	June 30, 1990	
COMPANY	6 MONTHS ENDING	
Berilin, CT		
LOCATION		
Devid J. Heritage	(203) 721-2306	· F =====
CONTACT HAVE	PHONE (INCLUDE AREA CODE)	
CUTOFFS: SCREEN/CONFIRMATION (ng/ml) APPENDIX A TO 10CFR 26		

MARUUANA 50/15 **AMPHETAMINES** 1000/500 Barbiturates 300/300 Benzodiazepines 300/300 Methadone 300/300 25/25 300/150 PHENCYCLIDINE COCAINE 300/200 Methaqualone Propoxyphine 300/300

OPIATES 300/300 ALCOHOL (% BAC) 0.04

CONTRACTOR LATOT TESTING RESULTS LICENSEE EMPLOYEES PERSONNEL AVERAGE NUMBER WITH UNESCORTED 1135 1135 R N P N N ACCESS REFERRED ACCESS CATEGORIES TESTED POSITIVE TESTED POSITIVE TESTED POSITIVE TO EAP RES! DRED PRE-EMPLOYMENT 40 0 40 PRE-BADGING 39 0 39 0 0 0 PERIODIC . 0 0 FOR CAUSE 0 0 C 0 POST ACCIDENT 0 0 0 0 291 RANDOM 291 2 **FOLLOW-UP** 11 0 0 .1 OTHER 0 0 0 0 TOTAL 381 381

RANDOM TESTIN	G PROGR	AM RES	ULTS				Ι			
MDMDUALS TESTED	19	189	19	90	19	91	19	92	19	93
* POSITIVE	/		2 289			/		1.	/	/
% POSITIVE			0.68	1		1	1	11111	Iran	ш
GRAPH OF 5 - 4 - 3 - 2 - 1 -										

MARUUANA		2				
MARDUANA	 					
COCAINE		1			-	-
OPIATES				-	-	-
AMPHETAMINES						-
PHENCYCLIDINE			1			-
ALCOHOL						-
						-
						1_
TOTAL		3				

PROGR	AM RES	ULTS							
19	89	19	90	.1.9	991	19	92	19	93
/		2 289	/		/	/	1.		/
		0.68			1	1	11111	han	ш
		1989	2/289	1989 1990	1989 1990 19	1989 1990 1991	1989 1990 1991 19	1989 1990 1991 1992 2 289	1989 1990 1991 1992 19 2 289

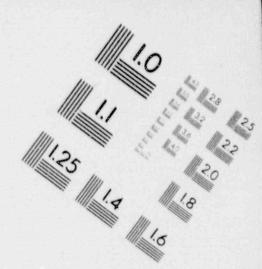
MARUUANA		2					
COCAINE		1					
OPIATES							
AMPHETAMINES						-	-
PHENCYCLIDINE							-
ALCOHOL				 -			
			1				+-
							-
TOTAL.		3		1			

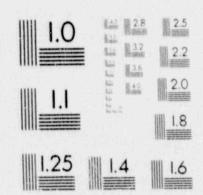
Attachment No. 5

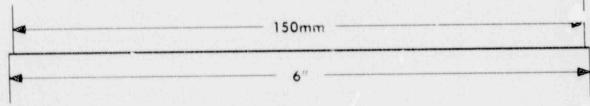
Haddam Neck Plant
Millstone Nuclear Power Station, Unit Nos. 1, 2, and 3
Northeast Utilities Service Company

Semiannual Fitness-for-Duty Performance Data

IMAGE EVALUATION TEST TARGET (MT-3)







SIM SIM GZIM

Performance Data Personnel Subject to CFR 26

Northeast Utilities	June 30, 1990
COMPANY	6 MONTHS ENDING
Berlin, CT	
LOOKTION	
David J. Heritage	(203) 72 2306
CONTACT NAME	PHONE (INCLUE_, AEA CODE)

CUTOFFS: SCREEN/CONFIRMATION (ng/ml) APPENLIX A TO 100FR-26

MARUUANA 50/15 AMPHETAMINES 1000/500 Barbiturates 300/300 Benzodiagepines 300/300 300/ 150 COCAINE PHENCYCLIDINE 25/25 Methadone . 300/300 Methaqualone 300/300 Propozyphine 300/300 **OPIATES** 300/300 ALCOHOL (" BAC) 0.04

TESTING RESULTS		LICE	NSEE I	EMPLOYEES		CONTI	RACTO		TOTAL		
AVERAGE NUMBER WITH UNESCORTED ACCESS	2080	N R C	N U			1425	N R C	N U	3505	N R C	
CATEGORIES	TESTED	POS	# SITIVE	REFERRED TO EAP	ACCESS RESTORED	# TESTED		# SITIVE	# TESTED		# ITIVE
PRE-EMPLOYMENT	67	0	ì			0		n	67	0	
PRE-BADGING	61	1	1			1177	12	19	1238	13	20
PERIODIC	0		0			ů		0	0		0
FOR CAUSE	0		0			5	3	3	5	3	Π
POST ACCIDENT	0		0			0		0	0		0
RANDOM	1089	2	3			705	3	3	1794	5	T
FOILLOW-UP	15	1	1.		THE PERSON NAMED IN	0		0	15	1	
a a l	0		0		Control of the Contro	2		0	2		0
TOTAL	1232	4	6	4	2	1889	18	25	3121	22	T ₃

RANDOM TESTING	PROGR	AM RES	ULTS				I			
INDIVIDUALS YESTED	19			90	19	91	. 19	92	19	1 7
* POSITIVE	/	/	1788		/_	/	/	/	/	/
% POSITIVE	11111	11111	0.33	11111						HI
GRAPH OF STIVE 4 -										

MARUUANA	17						
COCAINE	12						
OPIATES	0						
AMPHETAMINES,	0			-		+-+	
PHENCYCLIDINE	0						
ALCOHOL	5						
Barbiturates	0				-		
zodi zzepines	0	<u> </u>	-			+	
Methadone	.0						6/7/8
Methaqualone	0						
Propoxyphine	0						
TOTAL	34						

RANDOM TESTING	PROGRAM RES	ULTS			
INDMODUALS TESTED	1989	1990	1991	. 1992	1993
# POSITIVE	///	6/1738		///	//
% POSITIVE		0.33	land and	1,,,,,	
GRAPH OF S - 4 - 3 - 2 - 1 -					

:

MARUUANA	17					
O AINE	12					
OPIATES	0					
AMPHETAMINES,	0					
PHENCYCLIDINE	0					
ALCOHOL	5				++	
Batbiturates	0		-			
nzodiazepines	0	•		+		
Methadone	0		 •	+		6/1/8
Methaqualone	0					
Propoxyphine	0					
TOTAL	34					