

MASSACHUSETTS

ARNDT NORTH-EAST UTILITIES SERVICE CO.

ROPE FERRY ROAD

WATERFORD

WATERFOOD CT DARS

FACULTY F. IIT TYPES (MULTI-TYPE)

LOCATION: INDONESIA

01162-442-3
CY 014444

PAGE-FIVE

DISCHARGE MONITORING REPORT 'DM-3'

(2.10) (17.19)

0237

[illegible]

STAYING POWER

Major

1

2000

UNIT #1 F

EFFLUENT

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NOTE: Read Instructions

Form Approved

OMB No. 0704-0188

MONITORING PERIOD							
YEAR	MO	DAY		YEAR	MO	DAY	
93	03	01	TO	93	03	31	
				1967-1-26 / 1967-1-31			

PARAMETER (32-37)		SAMPLE MEASUREMENT PERMIT REQUIREMENT	(1 Card Only) QUANTITY OR LOADING (34-41)			(2 Card Only) QUALITY OR CONCENTRATION (46-53)			UNITS	NO. EX (52-53)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
			AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM				
FLOW, GALLONS/BATCH			*****	9725 10094	(53)	*****	*****	*****	*****	0	9/07	TM
00164 1 0 1 EFFLUENT GROSS VALUE			*****	14000 MAXIMUM	GPB	*****	*****	*****	*****	0	DAILY	GPB
PH			*****	*****	*****	*****	*****	*****	*****	0	01/07	GR
00400 1 0 0 EFFLUENT GROSS VALUE			*****	*****	*****	*****	*****	*****	*****	0	01/07	GR
SOLIDS, TOTAL			*****	0.043	(01)	*****	*****	*****	*****	0	01/07	GR
SUSPENDED			*****	1.9	MG/L	*****	*****	*****	*****	0	01/07	GR
00530 1 0 1 EFFLUENT GROSS VALUE			*****	MAXIMUM	DAY	*****	*****	*****	*****	0	01/07	GR
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PRINTED ON PAPER

DETAILED EXPLANATIONS OF ALL PERMIT VIOLATIONS & PROPOSED CORRECTIVE ACTIONS SHALL BE APPENDED.
 MAXIMUM FREQUENCY OF DISCHARGE: TWO PER DAY. RECORD FLOW AND NUMBER OF HOURS OF DISCHARGE.

EPA Form 3120-1 (Rev. 9-88) Previous editions may be used.

(REPLACES NPA FORM T-48 WHICH MAY NOT BE USED.)

002041930414-1122

PAGE 4 OF 4

9707220200 970702
PDR ADOCK 05000245
R PDR

0707330300 070703

March 1993

DSN001A-2 Additional Data

March 1993

DATE	pH	Total Suspended Solids (TSS)	TSS (kg/batch)	Tank Volume (gallons)	Volume Discharged (gallons)
03/01/93	6.82	1.0	0.038	10712	10028
03/02/93	6.97	0.6	0.022	10700	9550
03/03/93	7.24	0.2	0.007	10370	9458
03/05/93	6.95	1.1	0.041	10940	9904
03/05/93	7.04	0.8	0.031	10940	10094
03/07/93	6.60	0.5	0.018	10595	9559
03/08/93	6.95	1.1	0.037	9750	8950
03/09/93	6.50	0.6	0.022	10940	9788
03/10/93	7.00	1.1	0.040	10712	9572
03/12/93	7.20	0.6	0.022	10825	9673
03/13/93	7.40	0.4	0.014	10250	9110
03/15/93	7.20	0.9	0.033	10710	9558
03/16/93	7.00	0.8	0.028	10500	9360
03/16/93	7.00	0.3	0.011	10750	9600
03/18/93	7.18	0.4	0.014	10256	9116
03/20/93	7.30	0.9	0.033	10750	9610
03/21/93	7.10	0.4	0.013	9673	8521
03/22/93	7.10	0.3	0.011	10700	9550
03/23/93	7.00	0.4	0.014	10598	9458
03/24/93	7.00	0.1	0.004	10710	9558
03/25/93	7.36	0.2	0.007	10370	9230
03/27/93	6.79	0.3	0.011	10480	9328
03/27/93	7.07	0.3	0.010	10256	9116
03/28/93	7.05	0.5	0.018	10595	9443
03/29/93	7.30	0.1	0.003	10028	8888
03/30/93	7.10	0.3	0.008	8091	6951
03/31/93	7.40	1.2	0.043	10595	9443

PERMITTEE NAME/ADDRESS (Include
Facility Name/Location if different)

NAME N.E. UTILITIES (MILLSTONE)
ADDRESS NORTHEAST UTILITIES SERVICE CO
ROPE FERRY ROAD
WATERFORD CT 06385
FACILITY N.E. UTILITIES (MILLSTONE)
LOCATION WATERFORD CT 06141-0270

NATIONAL POLLUTANT DISCHARGE REPORTING SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

(12-16)
CT0003263
PERMIT NUMBER

(17-19)
01C 2
DISCHARGE NUMBER

MAJOR
(SUBR 2)
F - FINAL

Form Approved
OMB No. 2040-0004

#3 WASTE TEST TANK DISCHARGE
EFFLUENT

*** NO DATA ***
NOTE: Read instructions before completing this form.

MONITORING PERIOD
YEAR MO DAY TO YEAR MO DAY
93 03 01 TO 93 03 31
(12-31) (12-31) (12-31) (12-27) (12-29) (12-31)

PARAMETER (33-37)	SAMPLE MEASUREMENT	(1 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (54-61)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
SPECIFIC CONDUCTANCE	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
00095 1 0 0 EFFLUENT GROSS VALUE	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
FLOW, GALLONS/BATCH	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
00164 1 0 1 EFFLUENT GROSS VALUE	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
PH	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
00400 1 0 0 EFFLUENT GROSS VALUE	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
BORIC ACID	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
00698 1 0 1 EFFLUENT GROSS VALUE	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
LITHIUM, TOTAL (AS LI)	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
01132 1 0 0 EFFLUENT GROSS VALUE	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
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0001-0002075

E/TITLE PRINCIPAL EXECUTIVE OFFICER
R.G. CHEVALIER
VICE PRESIDENT
TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED
AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED
ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR
OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION
IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIG-
NIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING
THE POSSIBILITY OF FINE AND IMPRISONMENT SEE 18 USC § 1001 AND
33 USC § 1319. (Penalties under these statutes may include fines up to \$100,000
and/or maximum imprisonment of between 6 months and 5 years.)

SIGNATURE OF PRINCIPAL EXECUTIVE
OFFICER OR AUTHORIZED AGENT

TELEPHONE
203 865-5318
DATE
93 05 19
AREA CODE NUMBER YEAR MO DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

MINIMUM OF 2 CONDENSER CIRCULATING PUMPS SHALL BE IN SERVICE ON UNIT #3 DURING DSDG.
RECORD TOTAL FLOW AND NUMBER OF HOURS OF DISCHARGE FOR EACH DAY OF SAMPLE COLLECTION.

DSN 001C-2 Additional Data
March 1993

Date	pH	Specific Conductivity	VOLUME (gallons)	Boric Acid (kg)	Lithium (ppm)	Source
03/05/93	6.15	9.69	14700	16.00	<0.1	WTT-B
03/08/93	5.90	32.70	14910	23.50	<0.1	WTT-B
03/11/93	5.50	36.00	14700	26.70	<0.1	WTT-B
03/17/93	5.25	4.73	14280	15.10	<0.1	WTT-B
03/20/93	5.51	26.60	15015	25.50	<0.1	WTT-A
03/22/93	5.04	7.70	1490	40.00	<0.1	WTT-B
03/24/93	5.22	11.80	14700	92.50	<0.1	WTT-A
03/25/93	4.63	17.60	14910	140.70	<0.1	WTT-B
03/26/93	4.78	10.90	14700	161.50	<0.1	WTT-A
03/26/93	5.00	16.30	15330	191.20	<0.1	WTT-B
03/27/93	4.97	10.70	15750	207.00	<0.1	WTT-A
03/27/93	5.00	8.80	15750	211.40		WTT-A
03/27/93	5.00	8.80	15750	211.40	<0.1	WTT-B
03/31/93	3.99	69.80	15540	76.50	<0.1	WTT-A

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)
(17.19)

Form Approved
OMB No. 2040-0004

MAJOR
(SUBR 2)
F - FINAL
LOW LEVEL WASTE DRAIN TANK
EFFLUENT

NO DATA
NOTE: Read Instructions before completing this form.

PERMIT NUMBER
C10003263
DISCHARGE NUMBER
01C 3

MONITORING PERIOD
YEAR 93 MO 03 DAY 31
TO YEAR 93 MO 03 DAY 31

QUANTITY OR CONCENTRATION
(18.43)
(18.43) 128.36 (18.31)

QUANTITY OR LOADING
(18.43)
(18.31) 133.24 (18.31)

QUANTITY OR CONCENTRATION
(18.43)
(18.43) 128.36 (18.31)

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QUANTITY OR CONCENTRATION
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QUANTITY OR CONCENTRATION
(18.43)
(18.43) 128.36 (18.31)

PERMITTED NAME/ADDRESS (Include
Facility Name/Location if different)
NAME N.E. UTILITIES (MILLSTONE)
ADDRESS NORTHEAST UTILITIES SERVICE CO
ROPE FERRY ROAD
WATERFORD
FACILITY N.E. UTILITIES (MILLSTONE)
LOCATION WATERFORD
ATTN: RONALD G. CHEVALIER, VP

PARAMETER
(23.37)

FLOW GALLONS/BATCH

00164 1 0 1
EFFLUENT GROSS VALUE

PH

00400 1 0 0
EFFLUENT GROSS VALUE

SOLIDS, TOTAL
SUSPENDED

00530 1 0 1
EFFLUENT GROSS VALUE

BORIC ACID

00698 1 0 1
EFFLUENT GROSS VALUE

0001 - 0002076

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NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
R.G. CHEVALIER
VICE PRESIDENT

TYPED OR PRINTED

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

DETAILED EXPLANATIONS OF ALL PERMIT VIOLATIONS & PROPOSED CORRECTIVE ACTIONS SHALL BE APPENDED.

IF AT ANY TIME THE BORIC ACID EVAPORATORS ARE NOT FUNCTIONAL & BORIC ACID CONCENTRATIONS > 30 MG/L, TWO

EXPANDED MONITORING SHALL BE IN OPERATION

Signature

SIGNATURE OF PRINCIPAL EXECUTIVE
OFFICER OR AUTHORIZED AGENT

TELEPHONE

DATE

208 606-6315

93 05 19

AREA CODE

NUMBER

YEAR

MO

DAY

march 93

DSN 001C-3 Additional Data
March 1993

Date	pH	Total Suspended Solids (ppm)	VOLUME (gallons)	Boric Acid (kg)	Source
03/01/93	11.73	7.50	3200	0.14	LLWDT-B
03/02/93	11.74	4.4	3200	0.45	LLWDT-A
03/03/93	10.90	1.90	3720	2.32	LLWDT-B
03/04/93	9.00	13.6	3280	13.30	LLWDT-A
03/05/93	11.80	34.30	3240	0.31	LLWDT-B
03/06/93	11.50	6.4	3280	2.30	LLWDT-A
03/07/93	11.74	4.50	3200	0.48	LLWDT-B
03/08/93	11.75	4.1	3120	0.34	LLWDT-A
03/09/93	10.94	3.90	2960	15.30	LLWDT-B
03/10/93	12.22	4.3	3000	2.51	LLWDT-A
03/11/93	11.75	19.10	3160	3.16	LLWDT-B
03/12/93	11.75	19.0	3440	1.15	LLWDT-A
03/13/93	11.72	33.20	3200	1.74	LLWDT-B
03/14/93	11.68	1.0	3160	0.19	LLWDT-A
03/15/93	11.61	13.60	3200	0.25	LLWDT-B
03/16/93	11.62	1.3	3220	0.72	LLWDT-A
03/17/93	11.67	2.30	3200	0.87	LLWDT-B
03/18/93	11.50	18.8	3600	0.45	LLWDT-A
03/19/93	11.61	16.30	3360	1.00	LLWDT-B
03/20/93	11.50	20.5	3200	1.53	LLWDT-A
03/21/93	11.75	5.00	3200	0.37	LLWDT-B
03/22/93	11.80	1.8	3160	0.68	LLWDT-A
03/23/93	11.77	1.3	3320	1.00	LLWDT-A
03/25/93	11.60	23.70	3280	0.30	LLWDT-B
03/25/93	11.61	6.1	3280	0.85	LLWDT-A
03/26/93	11.65	1.0	3320	0.70	LLWDT-A
03/27/93	11.50	27.40	3400	0.29	LLWDT-B
03/28/93	11.67	2.5	3440	0.24	LLWDT-A
03/29/93	11.64	8.00	3200	2.08	LLWDT-B
03/30/93	11.64	1.9	3240	1.15	LLWDT-A
03/31/93	11.69	1.00	3280	0.20	LLWDT-B

PERMIT: CT0003263

DIST: 12 TOWN: 152 LOC: 003

FACILITY: MILLSTONE NUCLEAR POWER STA.
ADDRESS: RTE 156
CITY, STATE, ZIP: WATERFORD, CT 06385
CONTACT: MR. PAUL JACOBSON
PHONE: (860) 447-1791 (x2335)

MAILING NAME: NORTHEAST NUCLEAR ENERGY CO.
ADDRESS: P.O. BOX 270
CITY, STATE, ZIP: HARTFORD, CT 06101
CONTACT: MR. PAUL JACOBSON
PHONE: (860) 447-1791 (x2335)

If there are any changes or corrections with your facility information, please cross out incorrect information and replace with correct information.

THIS REVISED DMR CONSISTS OF 8 PAGES FOR THE REPORTING PERIOD

March 1993

STATEMENT OF ACKNOWLEDGMENT

I certify under penalty of law that this revised document and all DMR revisions attached hereto, which only constitute revisions as specifically noted to pages and attachments previously submitted, were prepared under direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, of those persons directly responsible for gathering the information, the revised information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Authorized Official: S. E. Scace Title: Director, Nuclear Engineering Programs, NNECO

Signature: S. E. Scace

Date: 7/2/97