STATE OF CONNECTICUT ** DEPARTMENT OF ENVIRONMENTAL PROTECTION
Bureau of Water Management - Discharge Monitoring Report (DMR)

DATE RECEIVED (STAMPED)

Logged: Delivered: OK'd:

Permit: CT0003263 MAJ Dist: 12 Town:152 Loc:003

Facility: MILLSTONE NUCLEAR POWER STA. Contact: Paul Brindamour

Town: WATERFORD Phone: (203) 665-4617

KEY: CT0003263 Issue: 121492 Expire: 12/14/97 Sample Month February 1995

Average Flow: 2738000000 GPD

ND = none detected

Discharge 001 1 Mon Loc: 1 COOLING WATER < 5000

Sample Weeks:

Code	Start	s/m	Typ	Unit	Parameter		Minimum	Average	Maximum	Freq	1	2	3	4	5
[illegible]	121492	0/1	G	MG/L	CHLORINE, FREE AVAILABLE	ND	*****	*****	0.03	01/07	0.03	<0.02	<0.02	0.02	
[illegible]0	121492	0/1	G	MG/L	CHLORINE, TOTAL RESIDUAL	ND	*****	*****	0.03	01/07	0.03	<0.02	<0.02	<0.02	
50050	121492	0/1	I	MGD	FLOW, IN CONDUIT OR THRU		*****	*****	2631	24/01	SEE ATTACHED TABLE				
00400	121492	0/1	G	SU	PH		7.9	*****	8.6	24/01	SEE ATTACHED TABLE				
00018	121492	0/1	I	DEG F	TEMP DIFF BETWEEN SAMP		10.5	15.4	17.6	02/14	SEE ATTACHED TABLE				
00011	121492	0/1	I	DEG F	TEMP. DEG FAHRENHEIT		50.6	54.8	59.9	24/01	SEE ATTACHED TABLE				
00015	121492	0/1	CA	BTU/	THERMAL DISCHARGE MILLION		*****	13768.2	15569.4	01/01	SEE ATTACHED TABLE				

KEY: CT0003263 Issue: 121492 Expire: 12/14/97 Sample Month February 1995

Average Flow: 2738000000 GPD

ND = none detected

Discharge 001 1 Mon Loc: 7 COOLING WATER < 5000

Sample Weeks:

Code	Start	s/m	Typ	Unit	Parameter	Minimum	Average	Maximum	Freq	1	2	3	4	5
00011	121492	0/1	I	DEG F	TEMPERATURE DEG FAHR	*****	*****	46.6	24/01	SEE ATTACHED TABLE				

COMMENTS:

0001 - 0004528

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KEY: CT0003263 Issue: 121492 Expire: 12/14/97 Sample Month February 1995
Average Flow: 604800000 GPD
Discharge 01A 1 Mon Loc: 1 COOLING WATER < 5000
ND = none detected

Code	Start	s/m	Typ	Unit	Parameter		Minimum	Average	Maximum	Freq	Sample Weeks: 1	2	3	4	5
00164	120192	0/1	T	GPB	FLOW, GALLONS/BATCH		*****	*****		02/99		NO DISCHARGE			
00400	091686	0/0	G	SU	PH		*****	*****		01/07		NO DISCHARGE			
00095	091686	0/0	G	HM/C	SPECIFIC CONDUCTANCE		*****	*****		01/07		NO DISCHARGE			

KEY: CT0003263 Issue: 121492 Expire: 12/14/97 Sample Month February 1995
Average Flow: 14000 GPD
Discharge 01A2 Mon Loc: 1 BUILDING FLOOR DRAIN
ND = none detected

Code	Start	s/m	Typ	Unit	Parameter		Minimum	Average	Maximum	Freq	Sample Weeks: 1	2	3	4	5
00164	120192	0/1	T	GPB	FLOW, GALLONS/BATCH		*****	*****	9914	01/01	9572 ~~9302~~	9914	9914	9590	9458
00400	091986	0/0	G	SU	PH		*****	*****	10.28 ~~8.95~~	01/07	10.28 ~~8.95~~	9.89 ~~8.58~~	8.70 ~~8.39~~	7.98 ~~7.89~~	7.92
00530	120192	0/1	G	KG/D	SOLIDS, TOTAL SUSPENDED		*****	*****	0.0075	01/07	.017 ~~.0018~~	.007 ~~.0075~~	.015 ~~.0075~~	.0036	.007
00530	120192	0/1	G	MG/L	SOLIDS, TOTAL SUSPENDED	ND	*****	*****	0.5 ~~0.2~~	01/07	0.5 ~~<0.1~~	0.2	0.4 ~~0.2~~	0.1	0.2

KEY: CT0003263 Issue: 121492 Expire: 12/14/97 Sample Month February 1995
Average Flow: 3500 GPD
Discharge 01A 4 Mon Loc: 1 WATER PRODUCTION WASTEWTR
ND = none detected

Code	Start	s/m	Typ	Unit	Parameter	Minimum	Average	Maximum	Freq	Sample Weeks: 1	2	3	4	5
00698	120192	0/1	G	KG/D	BORIC ACID	*****	*****	Code9	WH/DS					
00698	120192	0/1	G	MG/L	BORIC ACID	*****	*****	Code9	WH/DS					
00164	120192	0/1	T	GPB	FLOW, GALLONS/BATCH	*****	*****	2784	01/BA	2784	no discharge	no discharge	no discharge		

DSN001A-2 Additional Data
February 1995

DATE	pH	Total Suspended Solids (TSS)	TSS (kg/batch)	Tank Volume (gallons)	Volume Discharged (gallons)
02/02/95	10.28	0.3	0.011	10,484	9,572
02/03/95	9.44	0.5	0.017	9,789	8,752
02/05/95	9.89	0.2	0.006	9,250	8,433
02/07/95	8.10	0.1	0.004	10,500	9,458
02/09/95	8.58	0.2	0.007	10,712	9,914
02/12/95	8.21	0.4	0.015	10,750	9,904
02/13/95	8.10	0.1	0.003	9,800	6,910
02/16/95	8.39	0.2	0.007	10,800	9,914
02/18/95	8.70	0.2	0.006	9,443	8,522
02/19/95	7.98	0.1	0.003	9,850	9,003
02/22/95	7.89	0.1	0.004	10,500	9,590
02/23/95	7.90	0.0	0.001	9,500	8,637
02/26/95	7.92	0.2	0.007	10,500	9,458
02/27/95	7.76	0.1	0.003	8,600	7,635

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Average Flow: 1400000 GPD
Discharge 01C 1 Mon Loc: 1 STEAM ELECTRIC POWER PLNT
ND = none detected

Code	Start	s/m	Typ	Unit	Parameter	Minimum	Average	Maximum	Freq	Sample Weeks: 1	2	3	4	5
00698	091988	0/0	G	KG/D	BORIC ACID	*****	*****		02/99		NO DISCHARGE			
50050	120192	0/1	I	MGD	FLOW, IN CONDUIT OR THRU	*****	*****	0.225	01/07	0.225	0.213 NO DISCHARGE			
00400	091986	0/0	G	SU	PH	*****	*****	9.7	01/07	7.7	9.6 NO DISCHARGE			
00530	120192	0/1	G	MG/L	SOLIDS, TOTAL SUSPENDED	*****	*****	0.025	01/07	0.025	0.035 NO DISCHARGE			
00011	120192	0/1	G	DEG F MG/L	TEMPERATURE DEG FAHR ETA	*****	*****	212 3.55	01/07	212 3.55	212 NO DISCHARGE 3.35			

KEY: CT0003263 Issue: 121492 Expire: 12/14/97 Sample Month February 1995
Average Flow: 25000 GPD
Discharge 01C 2 Mon Loc: 1 BUILDING FLOOR DRAIN
ND = none detected

Code	Start	s/m	Typ	Unit	Parameter	Minimum	Average	Maximum	Freq	Sample Weeks: 1	2	3	4	5
00698	120192	0/1	BC	KG/D	BORIC ACID	*****	*****	60.5	01/07	12.2	22.7	60.5	24.8	24.0
00184	120192	0/1	I	GPB	FLOW, GALLONS/BATCH	*****	*****	17010 14700	01/07	14700	14700	14700 14490	15120 14700	17010
01132	091986	0/0	G	MG/L	LITHIUM, TOTAL (AS LI) ND	*****	*****	<0.10	01/07	<0.10	<0.10	<0.10	<0.10	<0.10
00400	091986	0/0	G	SU	PH	*****	*****	5.82 4.46	01/07	4.41	4.43	5.82 4.03	5.80 4.46	4.57
00095	091986	0/0	G	HM/C	SPECIFIC CONDUCTANCE	*****	*****	49.2	01/07	27.7	30.0 28.2	49.2	20.7 20.8	214

COMMENTS:

DSN 001C-2 Additional Data
February 1995

Date	pH	Specific Conductivity	VOLUME (gallons)	Boric Acid (kg)	Lithium (ppm)	Source
02/02/95	4.41	27.70	14700	12.19	<0.1	WTT-A
02/06/95	4.38	30.00	14700	13.35	<0.1	WTT-B
02/09/95	4.43	28.20	14700	22.70	<0.1	WTT-A
02/14/95	4.03	49.20	14490	60.50	<.1	WTT-A
02/14/95	3.90	40.10	14070	43.90	<.1	WTT-B
02/16/95	5.82	0.84	8307.0	0.08	<.1	BTT-B
02/17/95	5.80	0.86	8073	0.07		BTT-A
02/17/95	5.80	0.80	8073.0	0.09	<.1	BTT-B
02/17/95	4.06	47.30	14700	37.90	<.1	WTT-A
02/18/95	5.82	0.80	7839	0.07		BTT-A
02/18/95	5.81	0.80	9477.0	0.12	<.1	BTT-B
02/18/95	4.27	30.80	14700	21.30	<.1	WTT-B
02/20/95	5.80	1.20	8307	0.16		BTT-A
02/20/95	5.79	0.90	5616.0	0.07		BTT-B
02/22/95	4.46	20.50	14700	24.80		WTT-A
02/23/95	4.46	20.70	15120	18.70	<.1	WTT-B
02/26/95	4.50	21.40	17010	23.56		WTT-A
02/28/95	4.57	17.90	16800	24.03	<.1	WTT-B

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Average Flow: 5000 GPD
Discharge 01C 3 Mon Loc: 1 BLOWDOWN FR HEAT & COOL

Sample Month February 1995

ND = none detected

Code	Start	s/m	Typ	Unit	Parameter	Minimum	Average	Maximum	Freq	Sample Weeks: 1	2	3	4	5
00698	120192	0/1	G	KG/D	BORIC ACID	*****	*****	18.1 ~~10.94~~	WH/DS	0.93 ~~4.92~~	9.25 ~~2.15~~	18.1 ~~0.61~~	10.94	9.97
00164	120192	0/1	T	GPB	FLOW, GALLONS/BATCH	*****	*****	3320 ~~3440~~	01/07	3240 ~~3440~~	3280 ~~3240~~	3250	3320 ~~3080~~	3200
00400	091986	0/0	G	SU	PH	*****	*****	11.67 ~~11.65~~	01/07	11.8 ~~11.60~~	11.67 ~~11.65~~	11.65	11.64 ~~11.59~~	11.55
00530	120192	0/1	G	MG/L	SOLIDS, TOTAL SUSPENDED	*****	*****	21.0 ~~16.5~~	01/07	21.0 ~~2.6~~	3.8	16.5	12.3	6.1

KEY: CT0003263 Issue: 121492 Expire: 12/14/97
Average Flow: 80000 GPD
Discharge 01C 4 Mon Loc: 1 WATER PRODUCTION WASTEWTR

Sample Month February 1995

ND = none detected

Code	Start	s/m	Typ	Unit	Parameter	Minimum	Average	Maximum	Freq	Sample Weeks: 1	2	3	4	5
00164	091986	0/0	T	GPB	FLOW, GALLONS/BATCH	*****	52000	*****	01/07	52000	52000	no discharge	no discharge	
81313	091986	0/0	G	MG/L	HYDRAZINE	*****	*****	Code9	02/99			no discharge	no discharge	
00400	091986	0/0	G	SU	PH	*****	*****	6.0	01/07	6.0	6.0	no discharge	no discharge	
00530	120192	0/1	G	MG/L	SOLIDS, TOTAL SUSPENDED	*****	*****	1.3	01/07	1.3	0.7	no discharge	no discharge	

KEY: CT0003263 Issue: 121492 Expire: 12/14/97
Average Flow: 43200000 GPD
Discharge 01C 5 Mon Loc: 1 NON-CONTACT COOLING WATER

Sample Month February 1995

ND = none detected

Code	Start	s/m	Typ	Unit	Parameter	Minimum	Average	Maximum	Freq	Sample Weeks: 1	2	3	4	5
50064	120192	0/1	G	MG/L	CHLORINE, FREE AVAILABLE	*****	*****	0.17 0.19	01/07	0.15 0.17	0.17 0.19	0.14 0.17	0.15 0.17	0.16 0.1
50064	120192	0/1	I	MGD	FLOW, IN CONDUIT OR THRU	*****	*****	43.2	02/99	43.2	43.2	43.2	43.2	
00011	120192	0/1	I	DEG F	TEMPERATURE DEG FAHR	*****	*****	45	01/07	45	40	42	42	

Additional samples taken

Water M.L.a. / * Weekly maximum value.

DSN 001C-3 Additional Data
February 1995

Date	pH	Total Suspended Solids (ppm)	VOLUME (gallons)	Boric Acid (kg)	Source
02/02/95	11.60	12.5	3200	0.93	LLWDT-A
02/03/95	11.70	7.60	3200	0.38	LLWDT-B
02/04/95	11.80	21.0	3240	0.53	LLWDT-A
02/05/95	11.60	2.50	3200	9.25	LLWDT-B
02/07/95	11.65	3.8	3240	2.15	LLWDT-A
02/08/95	11.50	2.60	3280	0.27	LLWDT-B
02/09/95	11.48	2.2	3240	1.88	LLWDT-A
02/10/95	11.67	3.50	3240	0.74	LLWDT-B
02/13/95	11.25	3.1	3160	0.41	LLWDT-A
02/14/95	11.45	2.00	3120	1.78	LLWDT-B
02/14/95	11.62	1.5	3200	18.10	LLWDT-A
02/16/95	11.59	1.20	3200	2.70	LLWDT-B
02/17/95	11.65	16.5	3280	0.61	LLWDT-A
02/19/95	11.64	1.80	3120	2.56	LLWDT-B
02/20/95	11.60	3.7	3280	1.99	LLWDT-A
02/21/95	11.58	1.50	3320	0.87	LLWDT-B
02/22/95	11.60	1.6	3200	1.71	LLWDT-A
02/23/95	11.62	1.80	3000	0.98	LLWDT-B
02/25/95	11.59	12.3	3080	10.94	LLWDT-A
02/26/95	11.55	2.10	3160	6.23	LLWDT-B
02/27/95	11.54	6.1	3200	9.42	LLWDT-A
02/28/95	11.40	1.60	3200	9.97	LLWDT-B

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Average Flow: 25000 GPD
Discharge 01C 6 Mon Loc: 1 WATER PRODUCTION WASTEWTR
ND = none detected

Code	Start	s/m	Typ	Unit	Parameter		Minimum	Average	Maximum	Freq	Sample Weeks: 1	2	3	4	5
00164	120192	0/1	T	GPB	FLOW, GALLONS/BATCH		*****	*****	18000	01/07	13000	14950	11000	18000	
81313	120192	0/1	G	MG/L	HYDRAZINE		*****	*****	12 ~~Code9~~	02/99	2.6	3.2	7.3	12 4.5	4
00556	120192	0/1	G	KG/D	OIL & GREASE FREON EXTR		*****	*****	0.0123	01/30	.0123				
00556	120192	0/1	G	MG/L	OIL & GREASE FREON EXTR	ND	*****	*****	<0.5	01/30	<0.5				
00400	091986	0/0	G	SU	PH		*****	*****	8.0	01/07	8.0	8.0	6.8	7.5	
00530	120192	0/1	G	KG/D	SOLIDS, TOTAL SUSPENDED		*****	*****	0.67	01/07	0.52	0.32	0.56	0.67	
00530	120192	0/1	G	MG/L	SOLIDS, TOTAL SUSPENDED		*****	*****	13.4	01/07	10.5	5.7	13.4	9.8	
00011	120192	0/1	G	DEG F	TEMPERATURE DEG FAHR		*****	*****	68	01/07	68	64	68	68	

KEY: CT0003263 Issue: 121492 Expire: 12/14/97 Sample Month February 1995
Average Flow: 100000 GPD
Discharge 01C 8 Mon Loc: 1 BLOWDOWN FR HEAT/COOL
ND = none detected

Code	Start	s/m	Typ	Unit	Parameter	Minimum	Average	Maximum	Freq	Sample Weeks: 1	2	3	4	5
00164	120192	0/1	BC	GPB	FLOW, GALLONS/BATCH	*****	*****		02/99		NO DISCHARGE			
81313	120192	0/1	G	MG/L	HYDRAZINE	*****	*****		01/DD		NO DISCHARGE			
01045	120192	0/1	G	MG/L	IRON, TOTAL (AS FE)	*****	*****		01/DD		NO DISCHARGE			
00400	091986	0/0	G	SU	PH	*****	*****		01/DD		NO DISCHARGE			
00530	120192	0/1	G	MG/L	SOLIDS, TOTAL SUSPENDED	*****	*****		01/DD		NO DISCHARGE			
00011	120192	0/1	G	DEG F	TEMPERATURE DEG FAHR	*****	*****		01/DD		NO DISCHARGE			

0001 - 0004545

PERMIT: CT0003263 DIST: 12 TOWN: 152 LOC: 003

FACILITY:	MILLSTONE NUCLEAR POWER STA.	MAILING NAME:	NORTHEAST NUCLEAR ENERGY CO.
ADDRESS:	RTE 156	ADDRESS:	P.O. BOX 270
CITY, STATE, ZIP:	WATERFORD, CT 06385	CITY, STATE, ZIP:	HARTFORD, CT 06101
CONTACT:	MR. PAUL JACOBSON	CONTACT:	MR. PAUL JACOBSON
PHONE:	(860) 447-1791 (x2335)	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 9 PAGES FOR THE REPORTING PERIOD February 1995

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 my 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, or 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