Licensing Correspondence Control Sheet

Other Correspondence 5.00.001 Ltr. [

Ltr. Date: 1/18/00

For Distribution: *Cover Sheet Only

Licensing File #1 J.F. Alexander * #1 R.D. Anderson W.J. DiCroce *

#1 #56 M. Most J.J. Scheffer #51 #1

Title:

Discharge Monitoring Report 12/99

Date Received:

This is a monthly report of monitoring activities for PNPS discharges

required by NPDES permit No. 003557 (EPA) and No. 359 (Mass

DEP).

Distribution Reviewed By:

R.D. Anderson

Action:

No actions required.

ILXE%





Right 1, to ear Power Station 600 Rh (4) Hit Road Right an MA (1360)

J. F. Alexander

January 18, 2000 ENGC Ltr. 5.00.001

Water Technical Unit (SEW) U.S. Environmental Protection Agency P.O. Box 8127 Boston, MA 02114-8127

Massachusetts Dept. of Environmental Protection Southeast Regional Office 20 Riverside Drive Lakeville, MA 02347

Discharge Monitoring Report

Dear Sirs:

Enclosed is the Discharge Monitoring Report for Pilgrim Nuclear Power Station (PNPS), NPDES permit number MA0003557 (Federal) and number 359 (State).

The period covered by this report is December 1999.

Should you have any questions on this report, please direct them to our Principal Marine Biologist, Mr. Robert Anderson, at (508) 830-7935.

Sincerely,

RDA/sc

Attachments: 1. Summary

2. Discharge Monitoring Report

cc: U. S. Nuclear Regulatory Commission

Document Control Desk Washington, DC 20555

U. S. Nuclear Regulatory Commission

Region I

475 Allendale Road

King of Prussia, PA 19406

Senior NRC Resident Inspector Pilgrim Nuclear Power Station

ATTACHMENT 1 TO ENGC LETTER 5.00.001

SUMMARY

PILGRIM I DISCHARGE MONITORING REPORT

In accordance with the Federal Clean Water Act, as amended (33USC 1251 et seq: the "CWA"), and the Massachusetts Clean Water Act, as amended (M.G.L.; Chap. 21, 26-53), regarding effluent limitations, monitoring requirements and other conditions set forth in the Pilgrim NPDES permit (Federal Permit Number MA0003557, and State Permit Number 359), Parts I and II, the following information is submitted for the period December 1999.

Discharge Points Covered in this Report

Discharge Point	Discharge Identification
001	Condenser Cooling Water
002	Thermal Backwash for Biofouling Control
003	Intake Screen Wash
004, 005, 006, and 007	Yard Drains (April and September)
008	Sea Foam Suppression
010	Service Cooling Water
011	Makeup Water and Demineralizer Waste Discharge

II. Summary and Notes of Discharge Report

- A. The flows at points 001 and 010 are calculated from system pump capacity and are equal to the total for all pumps in each system running at full capacity for a 24-hour period. The flow at 011 is measured by noting sump levels before and after discharge. Flow at point 002 is a conservative figure obtained by calculating flow if backwashing took place for 24 hours. Flows at points 003 and 008 are calculated from system pump capacity and mean operating time.
- B. The temperatures at points 001 and 002 are measured by resistance temperature detectors (RTD's).
- C. Periodically, total residual chlorine (TRC) concentration in the service cooling water (010) exceeds permit requirements (0.50 ppm daily average TRC and 1.00 ppm daily maximum TRC) prior to mixing with any other stream, primarily because of the number of service water pumps in operation. Chlorine injection levels are lowered as a corrective measure. The dilution provided by the PNPS circulating water flow keeps total residual chlorine concentrations discharged to Cape Cod Bay below the NPDES permit limit of 0.1 ppm.
- D. For stormwater outfalls 004, 005, 006 and 007, samples are collected by grab sampling. Samples are handled and stored in accordance with 40 CFR 136. No additional inputs to these stormwater outfalls occur downstream of the sampling locations.

- E. Intake traveling water screens were operated with dechlorination pumps on in December.
- F. No sawdust was applied to seek and seal PNPS condenser leaks in December 1999.
- G. No boron and sodium nitrite discharges (ppm) occurred in December 1999 from discharge point #001.

DateGallonsConcentrationConcentrationDischargedDischargedBefore DischargeDischarged

H. The PNPS Environmental Programs and Plans for 2000, to meet NPDES permit requirements, were submitted to the U.S. EPA for approval on December 27, 1999 (ENGC Ltr. 5.99.184).

ATTACHMENT 2 to ENGC LETTER 5.00.001

DISCHARGE MONITORING REPORT

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different) NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) Form Approved. DISCHARGE MONITORING REPORT (DMR)
(2.16)
(2.17-19) BOSTON NO #1 PILGRIN PLANT OMB No. 2040-0004 HAJOR Approval expires 05-31-98 ADDRESS ROCKY HILL ROAD 440003557 0.01 (SUBR S) RFD 31 PERMIT NUMBER DISCHARGE NUMBER F - FYNAL PLYMOUTE EA 02360 CONDENSES COOLING WATER FACILITY PILGEIM NUCLEAR POWER STATION MONITORING PERIOD YEAR MO LOCATION PLYMOUTH DAY YEAR МО DAY MA 02360 *** NO PISCHARGE | | *** 111 FROM 12 TO 72 31 ATTN: C.S GODDARD, PLANT MANAGER NOTE: Read Instructions before completing this form. (20-21) (22-23) (24-25) (26-27) (30-31) (28-29) (3 Card Only) QUANTITY OR LOADING (46-53) (54-61) (4 Card Only) QUANTITY OR CONCENTRATION NO. FREQUENCY SAMPLE **PARAMETER** (38-45) (46-53)(54-61)EX TYPE (32-37)AVERAGE MAXIMUM ANALYSIS UNITS MINIMUM **AVFRAGE MAXIMUM** UNITS (62-63)(64-68) (69-70)TERPERATURE. WATER *** ********* *** *** SAMPLE 151 DEG. FARRENHEIT **MEASUREMENT** 00011 1 0 0 *** **** *** PERMIT *** 102 donting cord REFLUENT GROSS VALUEREQUIREMENT **** DAILY MX DEG.F UOUS OXIDANTS, TOTAL *** **** *** SAMPLE (19) 0.08 RESTRUCT MEASUREMENT MGIL 34044 1 0 0 *** **** *** **PERMIT** 0.1 0-1 HEN GRAB EFFLUENT GROSS VALUEREQUIREMENT *** MO RVG DAILY MX MG/L DISCHR FLOW, IN CONDUIT OR (03) *** *** **** SAMPLE 446,4 THRU TREATMENT PLANTMEASUREMENT 50050 1 0 0 447-0 510-0 *** *** *********** **** PERMIT CONTINESTIM EPPLUENT GROSS VALUEREQUIREMENT MO AVG DAILY MX MGD *** UOUS TEMP. DIFF. BETWEEN *** *** *** *** SAMPLE (15)INTAKE AND DISCHARGIMEASUREMENT OF 61576 1 0 0 *** ****** *** *** *** PERMIT EFFLUENT GROSS VALUEREQUIREMENT *** DAILY MX DEG.F DOUS SAMPLE **MEASUREMENT** PERMIT REQUIREMENT SAMPLE MEASUREMENT PERMIT REQUIREMENT SAMPLE MEASUREMENT PERMIT REQUIREMENT NAME/TITLE PRINCIPAL EXECUTIVE OFFICER I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND **TELEPHONE** DATE AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN: AND BASED ON MY

W. J. DI CROCE PLANT MANAGER

TYPED OR PRINTED

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 SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. \$ 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may include fines up to \$10,000 and or maximum imprisonment of between 6 months and 5 years.)

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

508| 830-8100 00 NUMBER YEAR.

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

PH SHALL NOT VARY MORE THAN 0.5 PH STANDARD UNITS FROM INTAKE WATER. SEE PERMIT PAGE 5 PARAGRAPHS MEN FO A BORON AND SODIUM NITRATE REPORTING REQUIREMENTS. ATTACH ALL RELATED REPORTS TO THIS FORM. A BARRIER EPA Form 3320-1 (08-95) Previous editions may not be used. (REPLACES EPA FORM T-40 WHICH MAY NOT BE USED.)

00362/990111-1220

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

NAME 805TON ED \$1 PILGRIM PLANT

ADDRESS ROCKY HILL ROAD

RFD \$1

PLYMOUTH MA 02360

FACILITY PILGRIM NUCLEAR POWER STATION
LOCATIONPLYMOUTH MA 02360

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)
(2-16) (17-19)

PERMIT NUMBER

002 1
DISCHARGE NUMBER

MAJOR (SUBR S) F - FINAL

THERMAL PACKWASH

Form Approved. OMB No. 2040-0004 Approval expires 05-31-98

MONITORING PERIOD

YEAR MO DAY
12 01 TO 99 1.2 31

(20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

*** NO DISCHARGE ***
NOTE: Read Instructions before completing this form.

ATTN: C.S GODDARD, E	LANT MAN!	\G≅R	(20-21)	(22-23) (24-	25) (26-27) (2	28-29) (30-31)	NOTE: Read Instru	Ctions belon	a com	Jeung uns	101111.
PARAMETER		(3 Card Only) QUANTITY OR LOADING (46-53) (54-61)			(4 Card Only) G (38-45)	UANTITY OR CON((46-53)	CENTRATION (54-61)		NO. EX	FREQUENCY OF	SAMPLE TYPE
(32-37)		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	(62-63)	ANALYSIS (64-68)	(69-70)
TEMPERATURE, WATER DEG. PARRENUEIT	SAMPLE MEASUREMENT	***	***		****	****	C	(15) OF	0	99/19	RC
00011 1 0 0	PERMIT	****	****	7	***	****	120	} /		l	RCORD
EPPLUENT GROSS VALUE	REQUIREMENT			****			DAILY MX	DEG . F	<u> </u>	0005	
FLOW, IN COMBULT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	****	C	(03) MGD	***	****	****		0	WHJOS	ES
50050 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	****	255.0 . DAILY NX	MGD	****	*****	****	****	•	HEN DISCH	ESTIN <i>)</i> R
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										 1 +v
	SAMPLE MEASUREMENT									·	
	PERMIT REQUIREMENT									-	
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		ITIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY IRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, JRATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT ALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE						TELEPHONE		DA	ATE
W.J. DICROCE PLANT MANAGER	Y OF THOSE INDIVIDUAL NFORMATION, I BELIEV NATE AND COMPLETE.	LS IMMEDIATELY RESPO /E THE SUBMITTED IN I AM AWARE THAT TH	NSIBLE FOR ON STORMATION HERE ARE SIG	BTAINING IS TRUE, INIFICANT	W.					[]	
PLANT MANAGER	1 1 10551	ISSIBILITY OF FINE AND IMPRISORMENT. SEE TO U.S.C. 9 TOOT AND 33 U.S.C. 1 SIGNATURE OF PRINCIPAL EXECUTIVE								00 1.	
TYPED OR PRINTED	meximu	m imprisonment of between	en 6 months and 5 years.)		OFF	FICER OR AUTHORIZE	D AGENT AR	DE NUMBE	R	YEAR N	10 DAY

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

THE PH SHALL NOT VARY MORE THAN 0.5 STANDARD UNITS FROM THAT OF THE INTAKE HATER. FLOW RATE IS TO BE ESTIMATED AS IF HACKFLUSHING TOOK PLACE FOR 24 CONTINOUS HOURS. SEE PERBIT PAGE 8 FOR CONDITIONS REGARDING TH

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)
NAME BOSTON ED #1 PILGRIM PLANT
ADDRESS ROCKY HILL ROAD

RFD #1 PLYNCUTH NA 02360

FACILITY PILGRIM NUCLEAR POWER STATION LOCATION PLYMOUTH NA 02360

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)
(2:10)
(7:7-19)

MA 0003557 PERMIT NUMBER

YEAR

FROM

99

003 A DISCHARGE NUMBER *AJOB (SUBR 5) F - FINAL Form Approved. OMB No. 2040-0004 Approval expires 05-31-98

*** NO DISCHARGE | ***
NOTE: Read Instructions before completing this form.

WASH

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53) (54-61)			(4 Card Only) (38-45)	ENTRATION (54-61)			. FREQUENCY OF	SAMPLE TYPE	
		AVERAGE	MAXIMUM	MAXIMUM UNITS	МИМИМ	AVERAGE	MAXIMUM	UNITS	(62-63)	ANALYSIS (64-68)	(69-70)
PLOW, IN CONDUIT OR THRU TREATMENT PLANT			3.2	(03) MGD	****		***		0	01/01	ES
50050 1 0 1 EPPLUENT GROSS_VALUE	PERMIT REQUIREMENT	4.1 MO AVG	4.1 DAILY MX		***	****	****	****	1	AILY	ESTIM
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT		7		v ¹⁷ ,	1 44 E 144 E					
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT		,			, , , , , , , , , , , , , , , , , , ,					147.7
	SAMPLE MEASUREMENT									3	
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
•	PERMIT REQUIREMENT					ti i kanala jerana					
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINATED FOR A SAMELIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASE INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OFFICE THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION I ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIG PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDIAL PROPRIET OF THE PROP			NED AND TELEP				NE	D/	ATE		
WJ. DICROCE PLANT MANAGER INQUIRY OF THOSE IN THE INFORMATION, ACCURATE AND COMPANATION OF THOSE IN THE INFORMATION, ACCURATE AND COMPOSSIBILITY OF FINE.		RY OF THOSE INDIVIDUA NFORMATION, I BELIE RATE AND COMPLETE. TIES FOR SUBMITTI	(LS IMMEDIATELY RESPO VE THE SUBMITTED II I AM AWARE THAT TI NG FALSE INFORMAT	NSIBLE FOR O NFORMATION HERE ARE SIG ION, INCLUDI	BTAINING IS TRUE, INIFICANT NG THE	M		08,830-	01111	00	1 17
	i. Cenaues under mese	renalies under these statutes thay include lines up to \$10,000 and or			U.S.C. SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT			5 100		MO DAY	
TYPED OR PRINTED			en 6 months and 5 years.)				Co	DE NUMBI	-11	TIENNI I	10 TOA

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

THE TEMPERATURE OF THIS DISCHARGE SHALL AT NO TIME EXCEED THE TEMPERATURE OF THE INTAKE WATER.
ALL FISH SHELLFISH AND OTHER ORGANISMS COLLECTED OR TRAPPED ON INTAKE SCREEN SHOULD BE RETURNED TO WATER

CIPA AMALENT TEMP. SUFFICIENTLY DISTAN FORM EPA Form 3320-1 (08-95) Previous editions may not be used. (REPL

(REPLACES EPA FORM T-40 WHICH MAY NOT BE USED.) 00386/990111-1220

PAGE 1

ADDRESS ROCKY HILL ROAD		MADO	03557		008 A (SHER S.)				Approval expires 05-31-98				
RFD #1			PERM	IIT NUMBER		,	SUER S)		•				
PLYSOUTH	PLYSOUTH MA 02360						- FINAL						
ACILITY DITCRIM VECTUAL BOURD CHARGON					TORING PERIOD	ING PERIOD SEA FOAM				DISCH	ARGE		
LOCATION PLYMOUTH		MA 02360	YEAR 99	MO DA		MO DAY			\	/			
ATTH: C.S GODDARD,	PLANT MAN.	AGER		(22-23) (24-2)	TO 99 (26-27) (2	12 31 *** 28-29) (30-31)	NO DISC	HARGE	<u>įX</u>	Alekina Abia			
DARAMETER		(3 Card Only) QUA	NTITY OR LOADING			NUANTITY OR CONC		Instructions before completing this					
PARAMETER (32-37)		(46-53)	(54-61)		(38-45) (46-53)		(54-61)		NO. FREQ	FREQUENC OF	SAMPLE TYPE		
, .		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS]	ANALYSIS	ļ		
FLOW, IN CONDUIT OR THRU TREATMENT PLAN		C	C	(03)	***	****	****	t .	(62-63)	(64-68)	(69-70)		
50050 1 0 0			_	MGD					O	01/01	E5		
EFFLUENT GROSS VALU	PERMIT	0.73	0.73	l ⁻	****	****	***	***			ESTIM		
CTTEGENT GNOSS VALU	 	MO AVG	DAILY MY	MGD				***		nei.			
	SAMPLE MEASUREMENT										1		
	PERMIT REQUIREMENT	" .						1					
	SAMPLE MEASUREMENT												
	PERMIT REQUIREMENT]					
	SAMPLE										<u> </u>		
	MEASUREMENT			-									
	PERMIT REQUIREMENT										100 A 200 A		
	SAMPLE MEASUREMENT												
	PERMIT REQUIREMENT												
	SAMPLE												
	MEASUREMENT								!				
	PERMIT REQUIREMENT										·		
	SAMPLE MEASUREMENT												
	PERMIT REQUIREMENT												
NAME/TITLE PRINCIPAL EXECUTIVE OF	FICER CERTIF	Y UNDER PENALTY OF I	AW THAT I HAVE PERSO!	NALLY EXAMINE	D AND			TELEPHONI		······································			
W.J. Dicroce		LAW THAT I HAVE PERSONALLY EXAMINED AND INTERPRETABLE OF MAY SIMMEDIATELY RESPONSIBLE FOR OBTAINING ETHE SUBMITTED INFORMATION IS TRUE, I AM AWARE THAT THERE ARE SIGNIFICANT		ON MY UNING	AY			<u>:</u> -	DA	(TE			
PLANT MANAGER						DD .					, _		
§ 1319 (Penalties under these		A FALSE INFORMATION, INCLUDING THE ISONMENT. SEE 18 U.S.C. \$ 1001 AND 33 U.S.C. statutes may include fines up to \$10,000 and or		U.S.C. SIGN	SIGN PHARE OF PRINCIPAL EXECUTIVE			100	00 1	Q			
COMMENTS AND EXPLANATION OF AN	maximum	инризонтент от рег ме е	1 6 months and 5 years 1		9/FIC	ER OR AUTHORIZED	AGENT AREA			YEAR M	O DAY		
Energy Englished An	TOLATIONS (RE	and all allachmi	ынк пөгө)		-								

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)
(17-19)

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

BOSTON ED #1 PILGRIM PLANT

NAME

Form Approved.

EOLAE

OMB No. 2040-0004

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different) Form Approved. NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) DISCHARGE MONITORING REPORT (DMR) OMB No. 2040-0004 BOSTON ED 21 PILGRIB PLANT MAJOR Approval expires 05-31-98 ADDRESS ROCKY MILL ROAD MA0003557 010 A (SUBR S) PERMIT NUMBER RFD #1 DISCHARGE NUMBER F - FINAL PLYMOUTH MA 02360 PLANT SERVICE COOLING WATER MONITORING PERIOD FACILITY PILGRIM NUCLEAR POWER STATION MO YEAR MO YFAR DAY DAY LOCATIONPLYMOUTH *** NO DISCHARGE | | *** MA 02360 01 **FROM** TO NOTE: Read Instructions before completing this form. ATTN: C.S GODDARD, PLANT MANAGER (20-21) (22-23) (24-25) (26-27) (28-29) (30-31) (3 Card Only) QUANTITY OR LOADING QUANTITY OR CONCENTRATION SAMPLE (4 Card Only) NO. FREQUENCY **PARAMETER** (46-53)(54-61)(38-45)(46-53)(54-61)TYPE **ANALYSIS** (32-37)**AVERAGE MAXIMUM** UNITS MINIMUM **AVERAGE** MAXIMUM UNITS (69-70)(64-68)**** 33333333 **** OXIDANTS, TOTAL (19) SAMPLE. 0.19 Gl 0.32 RESIDUAL MEASUREMENT MG/L 0 **** **** *** 34044 1 0.5 CONTINECORD PERMIT *** EFFLUENT GROSS VALUEREQUIREMENT MO AVG DAILY MX #G/L UOUS *** *** *** ******* FLOW. IN CONDUIT OR (03)SAMPLE THRU TREATMENT PLANTMEASUREMENT MGC *** 50050 1 0 0 *** **** *** ⋧≎≎≉ CONTINESTIM **PERMIT** *** EFFLUFNT GROSS VALUEREQUIREMENT MO AVG MGD DOUS SAMPLE MEASUREMENT PERMIT REQUIREMENT SAMPLE MEASUREMENT PERMIT REQUIREMENT SAMPLE **MEASUREMENT** PERMIT REQUIREMENT SAMPLE MEASUREMENT **PERMIT** REQUIREMENT **SAMPLE** MEASUREMENT PERMIT REQUIREMENT NAME/TITLE PRINCIPAL EXECUTIVE OFFICER I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND **TELEPHONE** DATE AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN: AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING W. J. DICROCE THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PLANT MANAGER PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT, SEE 18 U.S.C. § 1001 AND 33 U.S.C. SIGNATURE OF PRINCIPAL EXECUTIVE \$ 1319. (Penalties under these statutes may include fines up to \$10,000 and or OFFICER OR AUTHORIZED AGENT TYPED OR PRINTED

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

EPA Form 3320-1 (08-95) Previous editions may not be used.

CONTINOUS CHLORINATION OF SERVICE WATER SYSTEM MAY BE USED FOR MACROINVERTEBRATE CONTROL. FLOW RATE SHAL I BE ESTIMATED FROM PUMP CAPACITY CURVES AND OPERATIONAL HOURS.

maximum imprisonment of between 6 months and 5 years.)

Form Approved. PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different) NATIONAL POLLUTANT DISCHARGE FLIMINATION SYSTEM (NPDES) DISCHARGE MONITORING REPORT (DMR) OMB No. 2040-0004 MAJCR BOSTON ED #1 PILGRIE PLANT Approval expires 05-31-98 (SUBR 5) ADDRESS ROCKY HILL ROAD H# 0003557 011 PERMIT NUMBER DISCHARGE NUMBER RFD #1 F - FINAL MA 02360 MAKE UP WATER AND DEMINERALIZE PLYMOUTH MONITORING PERIOD FACILITY PILGRIM NUCLEAR POWER STATION YEAR МО DAY YEAR MO DAY LOCATIONPLYMOUTH **MA 02360 ☆☆** NO DISCHARGE 99 12 ŪΙ 12 TO FROM NOTE: Read Instructions before completing this form. ATTH: C.S GODDARD, PLANT MANAGER (20-21) (22-23) (24-25) (26-27) (28-29) (30-31)(3 Card Only) QUANTITY OR LOADING QUANTITY OR CONCENTRATION NO. FREQUENCY SAMPLE (4 Card Only) PARAMETER (46-53)(54-61)(38-45)(46-53)(54-61)TYPE **ANALYSIS** (32-37)**AVERAGE MAXIMUM** UNITS MINIMUM **AVERAGE MAXIMUM** UNITS (69-70)(62-63) (64-68)*** **** **** (19)SOLIDS. TOTAL SAMPLE SUSPENDED MEASUREMENT MG/C **** *** 30 100 00530 1 0 0 **** PERMIT *** DAILY MX MG/L BATCH REFLUENT GROSS VALU*REQUIREMENT NO AVG *** *** *** (03)FLOY. IN COMBUIT OF SAMPLE THRU TREATMENT PLANTMEASUREMENT MGD *** *** *** **** 50050 1 0 0 0.015 0-05 ESTIN PERMIT DAILY MX MGD *** DISCHR FFFLUENT GROSS VALURREQUIREMENT MO AVG SAMPLE MEASUREMENT **PERMIT** REQUIREMENT SAMPLE MEASUREMENT PERMIT REQUIREMENT SAMPLE **MEASUREMENT** PERMIT REQUIREMENT SAMPLE MEASUREMENT **PERMIT** REQUIREMENT SAMPLE **MEASUREMENT** PERMIT REQUIREMENT

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

W. J. DICROCE PLANT MANAGER

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, ACCUPATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. \$ 1319, (Penalties under these statutes may Include fines up to \$10,000 and or maximum imprisonment of between 6 months and 5 years.)

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE

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

SEE PAGE 5 OF PERMIT PARAGRAPH M FOR SODIUM MITHATE REPORTING REQUIERMENTS. ATTACH ALL BELATED REPORTS TO THIS FORM

DATE