

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

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

Form Approved
OMB No. 2040-0004
Expires 2-29-84

NAME EXECUTIVE VICE
ADDRESS GPU NUCLEAR
100 INTERPACE PARKWAY
PARSIPPANY NJ 07054
FACILITY
LOCATION LACEY /TWP/

(2-16)
NJ0005550
PERMIT NUMBER

(17-19)
I 001
DISCHARGE NUMBER

840501-840531

GP AT MI
17 7 I

MONITORING PERIOD							
FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	8 4	0 5	0 1		8 4	0 5	3 1
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

OYSTER CREEK
COOLING WATER

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	X	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (46-53)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
00010 1 TEMPERATURE, WATER (CENTIGRADE) EFFL GROSS	SAMPLE MEASUREMENT	*****	*****		NO DISCHARGE					
	PERMIT REQUIREMENT	*****	*****		*****	*****	*****		CONT	*
00010 2 TEMPERATURE, WATER (CENTIGRADE) INFLUENT	SAMPLE MEASUREMENT	*****	*****							
	PERMIT REQUIREMENT	*****	*****		*****	*****	*****		**	**
00015 4 HEAT RATE (BTU X 10E6/HOUR) EFFL NET	SAMPLE MEASUREMENT	*****	*****							
	PERMIT REQUIREMENT	*****	*****		*****	*****	*****		*	*
00016 4 TEMPERATURE DIFF. EFFL NET	SAMPLE MEASUREMENT	*****	*****							
	PERMIT REQUIREMENT	*****	*****		*****	*****	*****		*	*
00400 1 PH EFFL GROSS	SAMPLE MEASUREMENT	*****	*****							
	PERMIT REQUIREMENT	*****	*****		6.00	*****	9.00		2/7	GR
50050 1 FLOW RATE (MILLION GALLONS/DY) EFFL GROSS	SAMPLE MEASUREMENT	*****	*****							
	PERMIT REQUIREMENT	*****	*****		*****	*****	*****		CONT	*
50064 1 CHLORINE, FREE AVAILABLE EFFL GROSS	SAMPLE MEASUREMENT			KG/DAY						
	PERMIT REQUIREMENT	*****	*****		*****	0.20	0.50		CONT	*
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		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 SIGNIFICANT 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 \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)					TELEPHONE		DATE	
Peter B. Fiedler Vice President and Director Oyster Creek TYPED OR PRINTED							609 971-4796		84	6 8
		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT					AREA CODE	NUMBER	YEAR	MO DAY

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

FREQUENCY OF ANALYSIS FOR FREE AVAILABLE CHLORINE SHALL BE CONTINUOUS DURING CHLORINATION PERIODS.

8406190254 840531
PDR ADOCK 05000219
R PDR

E USED.1

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

NAME **EXECUTIVE VICE**
 ADDRESS **GPU NUCLEAR**
100 INTERPACE PARKWAY
PARSIPPANY NE 07054
 FACILITY
 LOCATION **LACEY /TWP/**

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

(2-16) **NJ0005550** (17-19) **I 001**
 PERMIT NUMBER DISCHARGE NUMBER

840501-840531

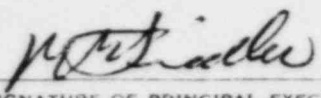
Form Approved
 OMB No. 2040-0004
 Expires 2-29-84
 GP AF MI
 17 7 I

MONITORING PERIOD
 FROM YEAR 84 MO 05 DAY 01 TO YEAR 84 MO 05 DAY 31
 (20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

OYSTER CREEK
 COOLING WATER

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	<div></div>	(3 Card Only) (46-53) QUANTITY OR LOADING (54-61)			(4 Card Only) (38-45) QUALITY OR CONCENTRATION (46-53) (54-61)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-66)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
81380 2 VELOCITY	SAMPLE MEASUREMENT	★ ★ ★ ★ ★	★ ★ ★ ★ ★		NO FLOW			FT/SEC	1/31	NA
INFLUENT	PERMIT REQUIREMENT	★ ★ ★ ★ ★	★ ★ ★ ★ ★		★ ★ ★ ★ ★	1.00	2.20			
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
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	PERMIT REQUIREMENT									
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	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	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 SIGNIFICANT 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 \$10,000 and/or maximum imprisonment of between 6 months and 5 years.	 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE	DATE		
Peter B. Fiedler Vice President and Director Oyster Creek TYPED OR PRINTED			609 971-4796	84	6	8

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

FREQUENCY OF ANALYSIS FOR FREE AVAILABLE CHLORINE SHALL BE CONTINUOUS DURING CHLORINATION PERIODS.

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

NAME EXECUTIVE VICE
ADDRESS GPU NUCLEAR
100 INTERPACE PARKWAY
PARSIPPANY NJ 07054

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

PERMIT NUMBER
NJ0005550

DISCHARGE NUMBER
I HEC

840501-840531

Form Approved
OMB No. 2040-0004
Expires 2-29-84

GP AT MI
17 7 I

FACILITY
LOCATION LACEY /TWP/

MONITORING PERIOD																			
FROM	YEAR			MO			DAY			TO	YEAR			MO			DAY		
	8	4	0	5	0	1	2	4	0		5	3	1	(20-21)	(22-23)	(24-25)	(26-27)	(28-29)	(30-31)

OYSTER CREEK
COOLING WATER

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-51)			(2 Card Only) QUALITY OR CONCENTRATION (58-63)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
00010 8 TEMPERATURE, WATER (CENTIGRADE) STREAM INT	SAMPLE MEASUREMENT	*****	*****		16.1	16.4	16.7	DEG.C	0	*	*
	PERMIT REQUIREMENT	*****	*****		*****	*****	*****			*	*
00010 1 TEMPERATURE, WATER (CENTIGRADE) EFFL GROSS	SAMPLE MEASUREMENT	*****	*****		15.6	22.8	30	DEG.C	0	2/31	GR
	PERMIT REQUIREMENT	*****	*****		*****	*****	*****			2/30	GR
00015 4 HEAT RATE (BTU X 10E6/HOUR) EFFL NET	SAMPLE MEASUREMENT	*****	*****		-2.1	11.5	25.1	M6TU/HR	0	*	*
	PERMIT REQUIREMENT	*****	*****		*****	*****	*****			*	*
00016 4 TEMPERATURE DIFF. EFFL NET	SAMPLE MEASUREMENT	*****	*****		-1.2	6.4	13.9	DEG.C	0	*	*
	PERMIT REQUIREMENT	*****	*****		*****	*****	*****			*	*
00400 1 PH EFFL GROSS	SAMPLE MEASUREMENT	*****	*****		7.2	7.3	7.4	SU	0	2/31	GR
	PERMIT REQUIREMENT	*****	*****		6.50	*****	8.50			2/30	GR
50050 1 FLOW RATE (MILLION GALLONS/DY) EFFL GROSS	SAMPLE MEASUREMENT	*****	*****		2.88	2.88	2.88	MGD	0	2/31	NA
	PERMIT REQUIREMENT	*****	*****		*****	*****	*****			2/30	NA
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
Peter B. Fiedler
Vice President and Director
Oyster Creek
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 SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT SEE 18 USC § 1001 AND 18 USC § 1012. (Violators under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 1 year.)

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT
OFFICER OR AUTHORIZED AGENT

TELEPHONE
771-4796
AREA CODE
84 6 8
NUMBER
YEAR MO DAY

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

DTS HEC IS HEAT EXCHANGE COOLING WATER

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

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

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100 INTERPACE PARKWAY
PARSIPPANY NJ 07054
FACILITY _____
LOCATION LACEY TWP

NJ0005550
PERMIT NUMBER

F DMW
DISCHARGE NUMBER

840501-840531

GP AT M
17 7 1

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
84	05	01	84	05	31
(20-21)	(22-23)	(24-25)	(26-27)	(28-29)	(30-31)

OYSTER CREEK

NOTE: Read instructions before completing this form

PARAMETER (32-37)		(3 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			
00056 1 FLOW RATE (GALLONS PER DAY) EFFL GROSS	SAMPLE MEASUREMENT	*****	*****		NO DISCHARGE						
	PERMIT REQUIREMENT	*****	*****		*****	*****	*****	*****	GPD	1/30	CP
00530 1 SOLIDS, SUSPENDED, TOTAL (TSS) EFFL GROSS	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT	0.73	2.40	KG/DAY	*****	*****	*****	*****	MG/L	1/30	CP
	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
Peter B. Fiedler
Vice President and Director
Oyster Creek
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 KNOWLEDGE 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 18 U.S.C. § 1011). Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of 1 or below 6 months and 5 years.

SIGNATURE OF PRINCIPAL EXECUTIVE
OFFICER OR AUTHORIZED AGENT

TELEPHONE
609 971-4796
AREA CODE NUMBER
DATE
84 6 8
YEAR MO DAY

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

DIS DMW IS DEMINCRALIZER WASTES

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

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

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NAME EXECUTIVE VICE
ADDRESS GPU NUCLEAR
100 INTERPACE PARKWAY
PARSIPPANY NE 07054
FACILITY _____
LOCATION LACEY /TWP/

(2-16)
NJ0005550
PERMIT NUMBER

(17-19)
F STP
DISCHARGE NUMBER

840501-840531

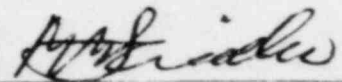
GP AT MI
17 F I

MONITORING PERIOD							
FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	8 4	0 5	0 1		8 4	0 5	3 1
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

OYSTER CREEK
SANITARY

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (38-45)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-65)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
00056 1 FLOW RATE (GALLONS PER DAY) EFFL GROSS	SAMPLE MEASUREMENT	*****	*****		NO DISCHARGE					
	PERMIT REQUIREMENT	*****	*****		*****	*****	*****	GPD	1/30	*
00310 1 BOD, 5-DAY (BOD5) EFFL GROSS	SAMPLE MEASUREMENT			KG/DAY						
	PERMIT REQUIREMENT	1.14	1.70		*****	30.00	45.00	MG/L	1/30	CP
00400 1 PH	SAMPLE MEASUREMENT	*****	*****							
	PERMIT REQUIREMENT	*****	*****		6.00	*****	9.00	SU	1/30	GR
00530 1 SOLIDS, SUSPENDED, TOTAL (TSS) EFFL GROSS	SAMPLE MEASUREMENT			KG/DAY						
	PERMIT REQUIREMENT	1.14	1.70		*****	30.00	45.00	MG/L	1/30	CP
74055 1 COLIFORM, FECAL GENERAL EFFL GROSS	SAMPLE MEASUREMENT	*****	*****							
	PERMIT REQUIREMENT	*****	*****		*****	200.00	400.00	N/100ML	1/30	GR
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER Peter B. Fiedler Vice President and Director Oyster Creek 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 SIGNIFICANT 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 \$10,000 and/or maximum imprisonment of between 6 months and 5 years.	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT 		TELEPHONE 609 971-4796		DATE 84 6 8		
		AREA CODE NUMBER YEAR MO DAY						

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

DISCH STP IS SEWAGE TREATMENT PLANTWASTE

 **Nuclear****GPU Nuclear Corporation**

Post Office Box 388
Route 9 South
Forked River, New Jersey 08731-0388
609 971-4000
Writer's Direct Dial Number:

June 8, 1984

Mr. John Gaston, Director
Division of Water Resources
Department of Environmental Protection
P.O. Box CN-029
Trenton, NJ 08625

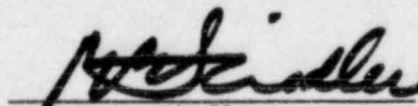
Dear Mr. Gaston:

Subject: GPU Nuclear Corporation
Oyster Creek Nuclear Generating Station
NJPDES Permit No. NJ 000 5550

Enclosed is the Discharge Monitoring Report for the subject permit for the month of May 1984. Please note that there were no noncompliances during this reporting period.

If you have any further questions concerning this report, please contact Mr. Douglas Moore of our Licensing and Regulatory Affairs Department at (609) 971-4630.

Very truly yours,



Peter B. Fiedler
Vice President & Director
Oyster Creek

PBF:DFM:dam
Enclosures

(cc: Page 2)

1E25
1/1

To: John Gaston, Director
Dept. of Environmental Protection
Re: Discharge Monitoring Report
Page 2

cc: U.S. Environmental Protection Agency
Room 432
26 Federal Plaza
New York, NY 10278
Attn: Permits Administration Branch
Marion Burger

Mr. Louis Pinata
U.S. Army Corps of Engineers
Custom House
Second & Chestnut Streets
Philadelphia, PA 19106

Dr. Thomas E. Murley, Administrator
Region I
U.S. Nuclear Regulatory Commission
631 Park Avenue
King of Prussia, PA 19406

Director
Office of Nuclear Reactor Regulations
U.S. Nuclear Regulatory Commission
Washington, DC 20555
c/o Distribution Services Branch, DDC, ADM

NJPDES PERMIT 000 5550

GPU Nuclear Corporation

Comments for Oyster Creek - May 1984

1. The Oyster Creek Nuclear Generating Station did not operate during the month of May 1984 as a result of the maintenance/refueling outage currently in progress.
2. Circulating water pumps 1-1, 1-2, 1-3, and 1-4 were not operated in May.
3. Dilution pump 1-1 was not operated in May.
Dilution pump 1-2 was operated on May 18 and 25, 1984.
Dilution pump 1-3 was operated on May 25, 1984.
4. The main condensers were not chlorinated during May.
5. The value reported for total suspended solids, discharge DMW is the average value of the analysis of two aliquots of the same sample.