



LR-E01-0352

50-272/311

October 23, 2001

New Jersey Department of  
Environmental Protection  
Division of Water Quality  
Bureau of Permit Management  
P.O. Box 029  
Trenton, NJ 08625-0029  
Certified Mail Number 7099 3400 0003 6394 4935

**NEW JERSEY POLLUTANT DISCHARGE ELIMINATION SYSTEM  
DISCHARGE MONITORING REPORTS  
SALEM GENERATING STATION  
PERMIT NO. NJ0005622**

Attached is the Discharge Monitoring Report for Salem Generating Station containing the information as required in Permit No. NJ0005622, for the month of September 2001.

This report is required by and prepared specifically for the Environmental Protection Agency (EPA) and the New Jersey Department of Environmental Protection (NJDEP). It presents only the observed results of measurements and analyses required to be performed by the above agencies. The choice of the measurement devices and analytical methods is controlled by EPA and NJDEP, not by the company, and there are limitations on the accuracy of such measurement devices and analytical techniques even when used and maintained as required. Accordingly, this report is not intended as an assertion that any instrument has measured, or any reading or analytical result represents, the true value with absolute accuracy, nor is it an endorsement of the suitability of any analytical or measurement procedure.

Sincerely,

A handwritten signature in dark ink, appearing to read "David F. Garchow".  
David F. Garchow  
Vice President Operations

Attachments

IE25

NJPDES Report  
September 2001

- C     Executive Director – DRBC  
       USNRC – Document Control Desk Unit#1-50-272 Unit#2-50-311  
       Vice President Operations  
       Manager – Nuclear Safety & Licensing  
       M. Vaskis  
       D. Hurka  
       Central Record Facility  
       E. Keating

NJPDES Report  
Explanation of Deviations  
September 2001

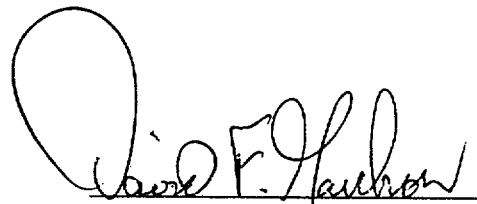
The following excursions are included in the attached report and are explained below. Excursions have not endangered nor significantly impacted public health or the environment.

<u>DSN NO.</u>	<u>EXPLANATION</u>
	None

COUNTY OF SALEM  
STATE OF NEW JERSEY

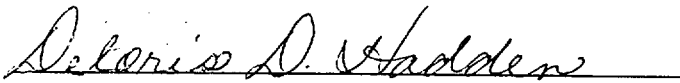
I, David F. Garchow, of full age, being duly sworn according to law, upon my oath depose and say:

1. I am the Vice President, Operations for PSEG Nuclear, and as such, am authorized to sign Salem's Discharge Monitoring Reports submitted to the New Jersey Department of Environmental Protection pursuant to the Station's New Jersey Pollutant Discharge Elimination System permit.
2. I have reviewed the attached Discharge Monitoring Reports. Pursuant to N.J. A. C. 7:14A-2.4, I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that based on my inquiry of those individuals 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.
3. The signature on the attached Discharge Monitoring Reports is my signature and I am submitting this affidavit in satisfaction of the requirement that my signature be notarized.



David F. Garchow  
Vice President  
Operations

Sworn and subscribed before me  
this 23rd day of OCT 2001



DELORIS D. HADDEN  
Notary Public of New Jersey  
My Commission Expires 03-29-2005  
ID # 2073649



TO: Dave Hurka  
Sr. Engineer - Nuclear  
PSEG

October 5, 2001  
Report No. TP01060-A

SUBJECT: **RECORD OF RHODAMINE WT DYE INJECTION FOR CIRCULATING WATER FLOW TEST AT SALEM GENERATING STATION - UNIT NO. 1**

CONDUCTED BY: Victor Simpson  
Sr. Test Engineer, Maplewood Testing Services

**PURPOSE**

To report the date, time, amount and concentration of Rhodamine WT dye released to the river while testing at Salem Generating Station - Unit No. 1.

**SUMMARY**

Listed in the table below are the data pertinent to the injection of Rhodamine WT dye at Salem Generating Station - Unit No. 1. Testing is complete at this station.

**RECORD OF RHODAMINE WT INJECTION**

Test Date	Pump No.	Injection Time		Pure Dye Injected (ml)	No. of Pumps In Service	Total System Flow (1000 gpm)	Effluent Concentration (ppb)
		(start)	(stop)				
9/25/01	11B	1035	1055	7.12	9	1665.0	0.06
9/25/01	12B	1258	1303	1.75	11	2035.0	0.05
9/25/01	12B	1314	1331	5.98	9	1665.0	0.06
9/25/01	13B	1410	1415	1.76	11	2035.0	0.05
9/25/01	13B	1431	1447	5.61	9	1665.0	0.06
9/26/01	11A	1012	1030	6.30	11	2035.0	0.05
9/26/01	12A	1051	1108	5.94	11	2035.0	0.05
9/26/01	13A	1126	1143	5.87	11	2035.0	0.04

Senior Supervising Test Engineer  
Mechanical Division

C J. Eggers



TO: James Eggers  
Engineering Supervisor – Nuclear Licensing  
PSEG

October 5, 2001  
Report No. TP01060

SUBJECT: **DETERMINATION OF CIRCULATING WATER FLOW AT SALEM GENERATING STATION - UNIT NO. 1**

CONDUCTED BY: Victor Simpson  
Sr. Test Engineer, Maplewood Testing Services

#### PURPOSE

To determine the flow capacities of the Unit No. 1 circulating water pumps.

#### SUMMARY

On September 25 and 26, 2001 the Mechanical Division of Maplewood Testing Services conducted a series of test runs at Salem Unit No. 1 to determine the capacities of the 11A, 11B, 12A, 12B, 13A and 13B (CMS designations M, H, K, F, B and A respectively) circulating water pumps.

Work was performed under SAP work orders 30032550, 30032551, 30032820, 30032552, 30032821 and 30032822.

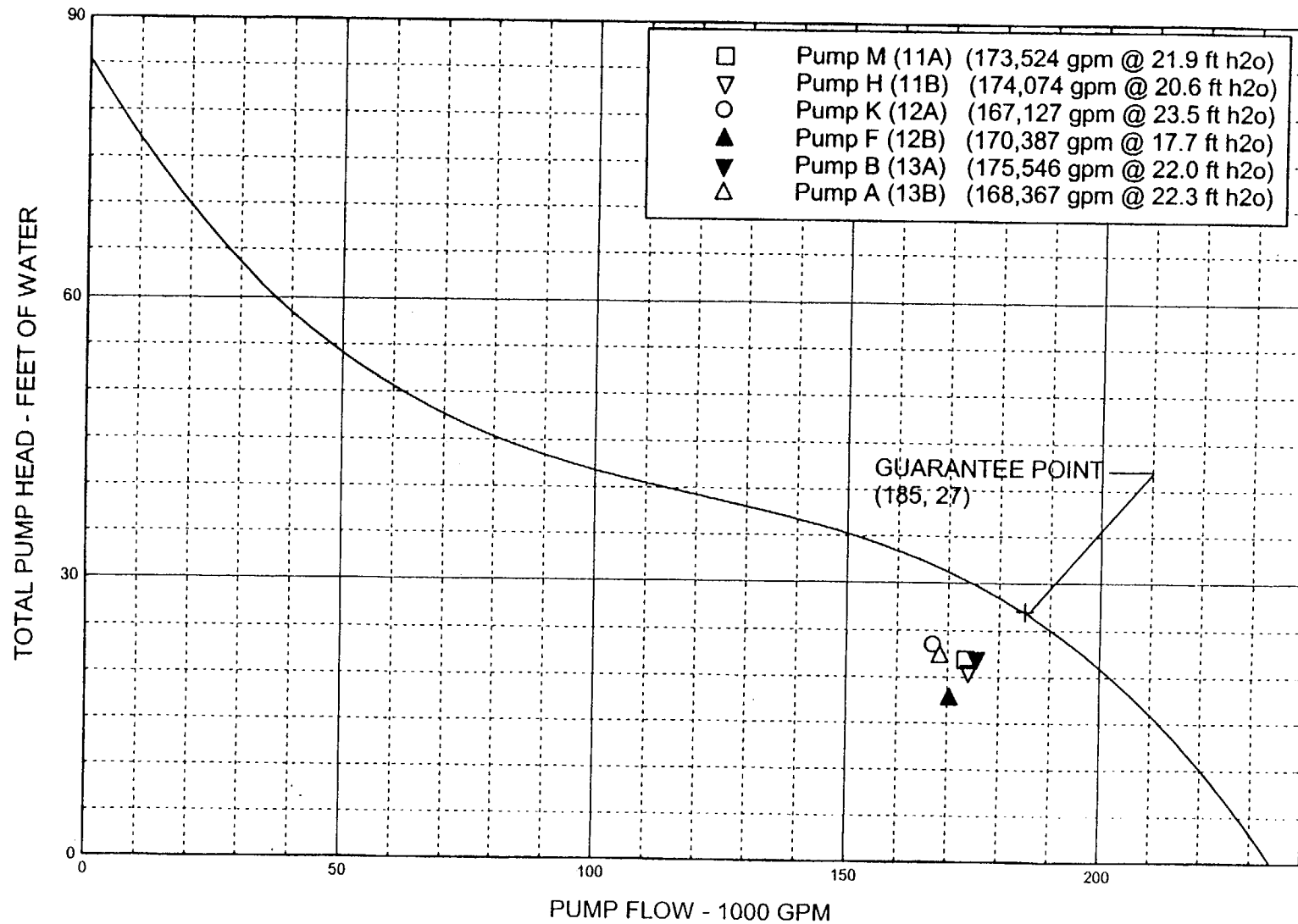
Final test results are shown in the table below and the following figure.

#### **SUMMARY OF TEST RESULTS**

Pump No.	CMS Pump Designation	Test Date	Measured Pump Capacity (gpm)	Pump Suction Head (ft h <sub>2</sub> o)	Pump Discharge Head (ft h <sub>2</sub> o)	Total Dynamic Head (ft h <sub>2</sub> o)
11A	M	9/26/01	173,524	-10.4	11.5	21.9
11B	H	9/25/01	174,074	-11.6	9.0	20.6
12A	K	9/26/01	167,127	-11.0	12.5	23.5
12B	F	9/25/01	170,387	-11.2	6.5	17.7
13A	B	9/26/01	175,546	-11.5	10.5	22.0
13B	A	9/25/01	168,367	-9.8	12.5	22.3

Note: Pump suction heads and discharge heads corrected to elevation 100'.

# SALEM GENERATING STATION - UNIT NO.1 TOTAL PUMP HEAD VS. CIRCULATING WATER PUMP FLOW



James Eggers  
Supervising Engineer – Nuclear Licensing  
PSEG

October 5, 2001  
Report No. TP01060

### DISCUSSION

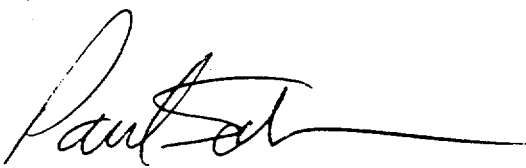
As compared to the results from testing conducted in October 2000 (reference MTS report TP00055), the test points shown on the above figure are further depressed from the manufacturer's curve. There was a significant grassing problem reported by the station and observed by MTS during the September 25, 2001 tests. This may have impacted pump performance.

### TEST METHOD

The circulating water flow rate was determined by fluorometry using MTS Mechanical Division Work Instruction TPG-19 "Water Flow Using The Turner Fluorometer". Rhodamine WT dye was injected into the bell mouth of each pump using ½ inch PVC pipe with a carrier flow of screen wash water at 3 gallons per minute.

The dye was injected at a known rate using a peristaltic pump and a class A burette to measure rate. The diluted sample was retrieved and monitored by taking a sample from the inlet water box piping. The ratio of the injected concentration to the sampled concentration multiplied by the injection flow rate yielded the circulator flow rate.

The total dynamic head was obtained by measuring the pump suction head in feet from elevation 100 and the pump discharge head in feet of water at the water box inlet. After correcting for elevation the total dynamic head was calculated as the pump discharge head minus the pump suction head.



Senior Supervising Test Engineer  
Mechanical Division

c D. Hurka  
F. Todd

New Jersey Department of Environmental Protection  
Division of Water Quality

**MONITORING REPORT SUBMITTAL FORM**

NJPDES PERMIT NUMBER: NJ0005622  
MONITORING REPORT TYPE: Surface Water Discharge  
MONITORING PERIOD: 9/1/2001 - 9/30/2001

MONITORED LOCATION: FACA SW Outfall FACA  
MONITORED LOCATION GROUP: N/A  
REGION / COUNTY: Southern / Salem County

REPORT RECIPIENT:  
PSEG NUCLEAR LLC  
PO BOX 236/N21  
HANCOCKS BRIDGE, NJ 08038

LOCATION OF ACTIVITY:  
PSEG NUCLEAR LLC  
ALLOWAY CREEK NECK RD  
LOWER ALLOWAYS CREEK, NJ 08038-0000

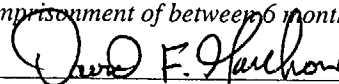
CHECK IF APPLICABLE: ☐ No Discharge this Monitoring Period

MONITORING REPORT COMMENTS: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
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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. § 1319.

*(Penalties under these statutes may include fines up to \$10,000 and or a maximum imprisonment of between 6 months and 5 years.)*

David F. Garchow, Vice President-Operations  
NAME AND TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

  
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

(856) 339-6000

10/23/01

AREA CODE / TELEPHONE NUMBER

DATE (MONTH / DAY / YEAR)

# Surface water Discharge Monitoring Report

PERMIT NUMBER: NJ0005622
 MONITORED LOCATION: FACA SW Outfall FACA
 MONITORING PERIOD: 9/1/2001 TO 9/30/2001
 FACILITY NAME: PSEG NUCLEAR LLC

PARAMETER		QUANTITY OR LOADING		UNITS	QUALITY OR CONCENTRATION			UNITS	NO. EX.	FREQ. OF ANALYSIS	SAMPLE TYPE
Temperature, oC 00010 G Raw Sew/influent	SAMPLE MEASUREMENT	*****	*****		*****	24.8	28.0		0	Continuous	CONTIN
	PERMIT REQUIREMENT	*****	*****	*****	*****	REPORT 01MOAV	REPORT 01DAMX	DEG.C		Continuous	CONTIN
Temperature, oC 00010 1 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****		*****	31.0	35.8		0	Continuous	CONTIN
	PERMIT REQUIREMENT	*****	*****	*****	*****	REPORT 01MOAV	45.1 01DAMX	DEG.C		Continuous	CONTIN
Temperature, oC 00010 2 Effluent Net Value	SAMPLE MEASUREMENT	*****	*****		*****	6.2	8.2		0	1/Day	CALCTD
	PERMIT REQUIREMENT	*****	*****	*****	*****	REPORT 01MOAV	15.3 01DAMX	DEG.C		1/Day	CALCTD
Lab Certification # 99999 99 Lab	SAMPLE MEASUREMENT	17327	06431		46405	77343					
	PERMIT REQUIREMENT	REPORT Lab #	REPORT Lab #		REPORT Lab #	REPORT Lab #	REPORT Lab #			Not Applic	NOT AP

Comments: If there are any questions in regards to the monitoring report form, please contact Susan Rosenwinkel of the BPSP - Region 2 at (609)292-4860 or via email at "srosenwi@dep.state.nj.us".

New Jersey Department of Environmental Protection  
Division of Water Quality

**MONITORING REPORT SUBMITTAL FORM**

NJPDES PERMIT NUMBER: NJ0005622  
MONITORING REPORT TYPE: Surface Water Discharge  
MONITORING PERIOD: 9/1/2001 - 9/30/2001

MONITORED LOCATION: FACB SW Outfall FACB  
MONITORED LOCATION GROUP: N/A  
REGION / COUNTY: Southern / Salem County

REPORT RECIPIENT:  
PSEG NUCLEAR LLC  
PO BOX 236/N21  
HANCOCKS BRIDGE, NJ 08038

LOCATION OF ACTIVITY:  
PSEG NUCLEAR LLC  
ALLOWAY CREEK NECK RD  
LOWER ALLOWAYS CREEK, NJ 08038-0000

CHECK IF APPLICABLE: ☐ No Discharge this Monitoring Period

MONITORING REPORT COMMENTS: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

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. § 1319.

*(Penalties under these statutes may include fines up to \$10,000 and or a maximum imprisonment of between 6 months and 5 years.)*

David F. Garchow, Vice President-Operations

NAME AND TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

(856) 339-6000

AREA CODE / TELEPHONE NUMBER

  
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

10/23/01

DATE (MONTH / DAY / YEAR)

# Surface Water Discharge Monitoring Report

PERMIT NUMBER:

MONITORED LOCATION:

MONITORING PERIOD:

FACILITY NAME:

NJ0005622

FACB SW Outfall FACB

9/1/2001 TO 9/30/2001

PSEG NUCLEAR LLC

PARAMETER		QUANTITY OR LOADING		UNITS	QUALITY OR CONCENTRATION			UNITS	NO. EX.	FREQ. OF ANALYSIS	SAMPLE TYPE
Temperature, oC 00010 G Raw Sew/influent	SAMPLE MEASUREMENT	*****	*****		*****	24.8	28.0		0	Continuous	CONTIN
	PERMIT REQUIREMENT	*****	*****	*****	*****	REPORT 01MOAV	REPORT 01DAMX	DEG.C		Continuous	CONTIN
Temperature, oC 00010 1 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****		*****	32.2	36.3		0	Continuous	CONTIN
	PERMIT REQUIREMENT	*****	*****	*****	*****	REPORT 01MOAV	46.1 01DAMX	DEG.C		Continuous	CONTIN
Temperature, oC 00010 2 Effluent Net Value	SAMPLE MEASUREMENT	*****	*****		*****	7.4	9.5		0	1/Day	CALC'D
	PERMIT REQUIREMENT	*****	*****	*****	*****	REPORT 01MOAV	15.3 01DAMX	DEG.C		1/Day	CALC'D
Lab Certification # 99999 99 Lab	SAMPLE MEASUREMENT	17327	06431		46405	77343					
	PERMIT REQUIREMENT	REPORT Lab #	REPORT Lab #		REPORT Lab #	REPORT Lab #	REPORT Lab #			Not Applic	NOT AP

Comments: If there are any questions in regards to the monitoring report form, please contact Susan Rosenwinkel of the BPSP - Region 2 at (609)292-4860 or via email at "srosenwi@dep.state.nj.us".

New Jersey Department of Environmental Protection  
Division of Water Quality

MONITORING REPORT SUBMITTAL FORM

NJPDES PERMIT NUMBER: NJ0005622

MONITORING REPORT TYPE: Surface Water Discharge

MONITORING PERIOD: 9/1/2001 - 9/30/2001

MONITORED LOCATION:

FACC SW Outfall FACC

MONITORED LOCATION GROUP: N/A

REGION / COUNTY:

Southern / Salem County

REPORT RECIPIENT:

PSEG NUCLEAR LLC

PO BOX 236/N21

HANCOCKS BRIDGE, NJ 08038

LOCATION OF ACTIVITY:

PSEG NUCLEAR LLC

ALLOWAY CREEK NECK RD

LOWER ALLOWAYS CREEK, NJ 08038-0000

CHECK IF APPLICABLE: ☐ No Discharge this Monitoring Period

MONITORING REPORT COMMENTS:

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. § 1319.

(Penalties under these statutes may include fines up to \$10,000 and or a maximum imprisonment of between 6 months and 5 years.)

David F. Garchow, Vice-President-Operations

NAME AND TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

(856) 339-6000

AREA CODE / TELEPHONE NUMBER

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

10/23/01

DATE (MONTH / DAY / YEAR)

# Surface Water Discharge Monitoring Report

PERMIT NUMBER: NJ0005622
 MONITORED LOCATION: FACC SW Outfall FACC
 MONITORING PERIOD: 9/1/2001 TO 9/30/2001
 FACILITY NAME: PSEG NUCLEAR LLC

PARAMETER		QUANTITY OR LOADING		UNITS	QUALITY OR CONCENTRATION			UNITS	NO. EX.	FREQ. OF ANALYSIS	SAMPLE TYPE
Flow, In Conduit or Thru Treatment Plant 50050 G Raw Sew/influent	SAMPLE MEASUREMENT	2768	2904	MGD	*****	*****	*****	*****	0	1/Day	CALCTD
	PERMIT REQUIREMENT	3024 01MOAV	REPORT 01DAMX		*****	*****	*****			1/Day	CALCTD
Thermal Discharge Million BTUs per Hr 00015 2 Effluent Net Value	SAMPLE MEASUREMENT	12195	15088	MBTU/HR	*****	*****	*****	*****	0	1/Day	CALCTD
	PERMIT REQUIREMENT	REPORT 01MOAV	30600 01DAMX		*****	*****	*****			1/Day	CALCTD
Lab Certification # 99999 99 Lab	SAMPLE MEASUREMENT	17327	06431		46405	77343					
	PERMIT REQUIREMENT	REPORT Lab #	REPORT Lab #		REPORT Lab #	REPORT Lab #	REPORT Lab #			Not Applic	NOT AP

Comments: If there are any questions in regards to the monitoring report form, please contact Susan Rosenwinkel of the BPSP - Region 2 at (609)292-4860 or via email at "srosenwi@dep.state.nj.us".

New Jersey Department of Environmental Protection  
Division of Water Quality

**MONITORING REPORT SUBMITTAL FORM**

NJPDES PERMIT NUMBER: NJ0005622

MONITORING REPORT TYPE: Surface Water Discharge

MONITORING PERIOD: 9/1/2001 - 9/30/2001

MONITORED LOCATION:

048C SW Outfall 48C

MONITORED LOCATION GROUP: N/A

REGION / COUNTY:

Southern / Salem County

REPORT RECIPIENT:

PSEG NUCLEAR LLC

PO BOX 236/N21

HANCOCKS BRIDGE, NJ 08038

LOCATION OF ACTIVITY:

PSEG NUCLEAR LLC

ALLOWAY CREEK NECK RD

LOWER ALLOWAYS CREEK, NJ 08038-0000

CHECK IF APPLICABLE: ☐ No Discharge this Monitoring Period

MONITORING REPORT COMMENTS:

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SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

10/23/01

DATE (MONTH / DAY / YEAR)

# Surface Water Discharge Monitoring Report

PERMIT NUMBER:

MONITORED LOCATION:

MONITORING PERIOD:

FACILITY NAME:

NJ0005622

048C SW Outfall 48C

9/1/2001 TO 9/30/2001

PSEG NUCLEAR LLC

PARAMETER		QUANTITY OR LOADING		UNITS	QUALITY OR CONCENTRATION			UNITS	NO. EX.	FREQ. OF ANALYSIS	SAMPLE TYPE
Flow, In Conduit or Thru Treatment Plant 50050 1	SAMPLE MEASUREMENT	0.1286	0.3928		*****	*****	*****		0	1/Day	CALCTD
Effluent Gross Value	PERMIT REQUIREMENT	REPORT 01MOAV	REPORT 01DAMX	MGD	*****	*****	*****	*****		1/Day	CALCTD
Solids, Total Suspended 00530 1	SAMPLE MEASUREMENT	*****	*****		*****	10	11		0	2/Month	COMPOS
Effluent Gross Value	PERMIT REQUIREMENT	*****	*****	*****	*****	30 01MOAV	100 01DAMX	MG/L		2/Month	COMPOS
Nitrogen, Ammonia Total (as N) 00610 1	SAMPLE MEASUREMENT	*****	*****		*****	0	0		0	2/Month	COMPOS
Effluent Gross Value	PERMIT REQUIREMENT	*****	*****	*****	*****	35 01MOAV	70 01DAMX	MG/L		2/Month	COMPOS
Petroleum Hydrocarbons 00551 1	SAMPLE MEASUREMENT	*****	*****		*****	1	2		0	2/Month	GRAB
Effluent Gross Value	PERMIT REQUIREMENT	*****	*****	*****	*****	10 01MOAV	15 01DAMX	MG/L		2/Month	GRAB
Carbon, Tot Organic (TOC) 00680 1	SAMPLE MEASUREMENT	*****	*****		*****	17	33		0	2/Month	COMPOS
Effluent Gross Value	PERMIT REQUIREMENT	*****	*****	*****	*****	REPORT 01MOAV	50 01DAMX	MG/L		2/Month	COMPOS
Lab Certification # 99999 99	SAMPLE MEASUREMENT	17327	06431		46405	77343					
Lab	PERMIT REQUIREMENT	REPORT Lab #	REPORT Lab #		REPORT Lab #	REPORT Lab #	REPORT Lab #			Not Applic	NOT AP

Comments: If there are any questions in regards to the monitoring report form, please contact Susan Rosenwinkel of the BPSP - Region 2 at (609)292-4680 or via email at "srosenwi@dep.state.nj.us".

New Jersey Department of Environmental Protection  
Division of Water Quality

**MONITORING REPORT SUBMITTAL FORM**

NJPDES PERMIT NUMBER: NJ0005622

MONITORING REPORT TYPE: Surface Water Discharge

MONITORING PERIOD: 9/1/2001 - 9/30/2001

MONITORED LOCATION:

481A SW Outfall 481A

MONITORED LOCATION GROUP: N/A

REGION / COUNTY:

Southern / Salem County

REPORT RECIPIENT:

PSEG NUCLEAR LLC

PO BOX 236/N21

HANCOCKS BRIDGE, NJ 08038

LOCATION OF ACTIVITY:

PSEG NUCLEAR LLC

ALLOWAY CREEK NECK RD

LOWER ALLOWAYS CREEK, NJ 08038-0000

CHECK IF APPLICABLE: ☐ No Discharge this Monitoring Period

MONITORING REPORT COMMENTS:

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David F. Garchow, Vice President-Operations

NAME AND TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

(856) 339-6000

AREA CODE / TELEPHONE NUMBER


SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

10/23/01

DATE (MONTH / DAY / YEAR)

# Surface Water Discharge Monitoring Report

PERMIT NUMBER: NJ0005622     
 MONITORED LOCATION: 481A SW Outfall 481A     
 MONITORING PERIOD: 9/1/2001 TO 9/30/2001     
 FACILITY NAME: PSEG NUCLEAR LLC

PARAMETER		QUANTITY OR LOADING		UNITS	QUALITY OR CONCENTRATION			UNITS	NO. EX.	FREQ. OF ANALYSIS	SAMPLE TYPE
Flow, In Conduit or Thru Treatment Plant 50050 1 Effluent Gross Value	SAMPLE MEASUREMENT	526	559	MGD	*****	*****	*****	*****	0	1/Day	CALCTD
	PERMIT REQUIREMENT	REPORT 01MOAV	REPORT 01DAMX		*****	*****	*****			1/Day	CALCTD
pH 00400 1 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****	*****	7.5	*****	7.6	SU	0	1/week	GRAB
	PERMIT REQUIREMENT	*****	*****		6.0 01DAMN	*****	9.0 01DAMX			1/Week	GRAB
pH 00400 7 Intake From Stream	SAMPLE MEASUREMENT	*****	*****	*****	7.7	*****	7.8	SU	0	1/week	GRAB
	PERMIT REQUIREMENT	*****	*****		REPORT 01DAMN	*****	REPORT 01DAMX			1/Week	GRAB
LC50 Statre 96hr Acu Cyprinodon TAN6A 1 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****	*****	CODE=N	*****	*****	%EFFL	0	CODE=N	CODE=N
	PERMIT REQUIREMENT	*****	*****		50 01DAMN	*****	*****			2/Year	COMPOS
Chlorine Produced Oxidants *CPOX 1 Effluent Gross Value Option 1	SAMPLE MEASUREMENT	*****	*****	*****	*****	CODE=N	CODE=N	MG/L	0	CODE=N	CODE=N
	PERMIT REQUIREMENT	*****	*****		*****	0.3 01MOAV	0.5 01DAMX			3/Week	GRAB
Chlorine Produced Oxidants *CPOX 1 Effluent Gross Value Option 2	SAMPLE MEASUREMENT	*****	*****	*****	*****	<0.1	<0.1	MG/L	0	3/week	GRAB
	PERMIT REQUIREMENT	*****	*****		*****	REPORT 01MOAV	0.2 01DAMX			3/Week	GRAB
Temperature, oC 00010 1 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****	*****	*****	31.3	37.9	DEG.C	0	1/Day	CONTIN
	PERMIT REQUIREMENT	*****	*****		*****	REPORT 01MOAV	REPORT 01DAMX			1/Day	CONTIN
Lab Certification # 99999 99 Lab	SAMPLE MEASUREMENT	17327	06431		46405	77343					
	PERMIT REQUIREMENT	REPORT Lab #	REPORT Lab #		REPORT Lab #	REPORT Lab #	REPORT Lab #			Not Applic	NOT AP

Comments: The permittee is required to perform acute toxicity testing on a minimum of one representative CWS outfall while DSN 48C is being routed to that outfall.

New Jersey Department of Environmental Protection  
Division of Water Quality

**MONITORING REPORT SUBMITTAL FORM**

NJPDES PERMIT NUMBER: NJ0005622

MONITORING REPORT TYPE: Surface Water Discharge A

MONITORING PERIOD: 9/1/2001 - 9/30/2001

MONITORED LOCATION:

482A SW Outfall 482A

MONITORED LOCATION GROUP: N/A

REGION / COUNTY:

Southern / Salem County

REPORT RECIPIENT:

PSEG NUCLEAR LLC

PO BOX 236/N21

HANCOCKS BRIDGE, NJ 08038

LOCATION OF ACTIVITY:

PSEG NUCLEAR LLC

ALLOWAY CREEK NECK RD

LOWER ALLOWAYS CREEK, NJ 08038-0000

CHECK IF APPLICABLE: ☐ No Discharge this Monitoring Period

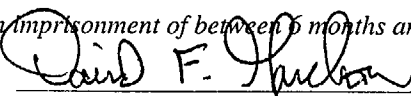
MONITORING REPORT COMMENTS: \_\_\_\_\_

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. § 1319.

*(Penalties under these statutes may include fines up to \$10,000 and or a maximum imprisonment of between 6 months and 5 years.)*

David F. Garchow, Vice President-Operations

NAME AND TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT



SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

(856) 339-6000

AREA CODE / TELEPHONE NUMBER

10/23/01

DATE (MONTH / DAY / YEAR)

# Surface Water Discharge Monitoring Report

PERMIT NUMBER: NJ0005622     
 MONITORED LOCATION: 482A SW Outfall 482A     
 MONITORING PERIOD: 9/1/2001 TO 9/30/2001     
 FACILITY NAME: PSEG NUCLEAR LLC

PARAMETER		QUANTITY OR LOADING		UNITS	QUALITY OR CONCENTRATION			UNITS	NO. EX.	FREQ. OF ANALYSIS	SAMPLE TYPE
Flow, In Conduit or Thru Treatment Plant 50050 1	SAMPLE MEASUREMENT	495	529	MGD	*****	*****	*****	*****	0	1/Day	CALCTD
Effluent Gross Value	PERMIT REQUIREMENT	REPORT 01MOAV	REPORT 01DAMX		*****	*****	*****			1/Day	CALCTD
pH 00400 1	SAMPLE MEASUREMENT	*****	*****	*****	7.5	*****	7.6	SU	0	1/Week	GRAB
Effluent Gross Value	PERMIT REQUIREMENT	*****	*****		6.0 01DAMN	*****	9.0 01DAMX			1/Week	GRAB
pH 00400 7	SAMPLE MEASUREMENT	*****	*****	*****	7.7	*****	7.8	SU	0	1/Week	GRAB
Intake From Stream	PERMIT REQUIREMENT	*****	*****		REPORT 01DAMN	*****	REPORT 01DAMX			1/Week	GRAB
LC50 Statre 96hr Acu Cyprinodon TAN6A 1	SAMPLE MEASUREMENT	*****	*****	*****	CODE = N	*****	*****	%EFFL	0	CODE = N	CODE = N
Effluent Gross Value	PERMIT REQUIREMENT	*****	*****		50 01DAMN	*****	*****			2/Year	COMPOS
Chlorine Produced Oxidants *CPOX 1	SAMPLE MEASUREMENT	*****	*****	*****	*****	CODE = N	CODE = N	MG/L	0	CODE = N	CODE = N
Effluent Gross Value Option 1	PERMIT REQUIREMENT	*****	*****		*****	0.3 01MOAV	0.5 01DAMX			3/Week	GRAB
Chlorine Produced Oxidants *CPOX 1	SAMPLE MEASUREMENT	*****	*****	*****	*****	<0.1	<0.1	MG/L	0	3/Week	GRAB
Effluent Gross Value Option 2	PERMIT REQUIREMENT	*****	*****		*****	REPORT 01MOAV	0.2 01DAMX			3/Week	GRAB
Temperature, oC 00010 1	SAMPLE MEASUREMENT	*****	*****	*****	*****	31.3	39.1	DEG.C	0	1/Day	CONTIN
Effluent Gross Value	PERMIT REQUIREMENT	*****	*****		*****	REPORT 01MOAV	REPORT 01DAMX			1/Day	CONTIN
Lab Certification # 99999 99	SAMPLE MEASUREMENT	17327	06431		46405	77343					
Lab	PERMIT REQUIREMENT	REPORT Lab #	REPORT Lab #		REPORT Lab #	REPORT Lab #	REPORT Lab #			Not Applic	NOT AP

Comments: The permittee is required to perform acute toxicity testing on a minimum of one representative CWS outfall while DSN 48C is being routed to that outfall.

New Jersey Department of Environmental Protection  
Division of Water Quality

**MONITORING REPORT SUBMITTAL FORM**

NJPDES PERMIT NUMBER: NJ0005622  
MONITORING REPORT TYPE: Surface Water Discharge A  
MONITORING PERIOD: 9/1/2001 - 9/30/2001

MONITORED LOCATION: 483A SW Outfall 483A  
MONITORED LOCATION GROUP: N/A  
REGION / COUNTY: Southern / Salem County

REPORT RECIPIENT:  
PSEG NUCLEAR LLC  
PO BOX 236/N21  
HANCOCKS BRIDGE, NJ 08038

LOCATION OF ACTIVITY:  
PSEG NUCLEAR LLC  
ALLOWAY CREEK NECK RD  
LOWER ALLOWAYS CREEK, NJ 08038-0000

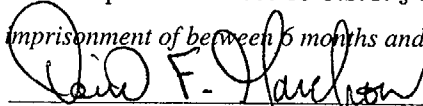
CHECK IF APPLICABLE: ☐ No Discharge this Monitoring Period

MONITORING REPORT COMMENTS: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

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*(Penalties under these statutes may include fines up to \$10,000 and or a maximum imprisonment of between 6 months and 5 years.)*

David F. Garchow, Vice President-Operations  
NAME AND TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

  
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

(856) 339-6000  
AREA CODE / TELEPHONE NUMBER

10/23/01  
DATE (MONTH / DAY / YEAR)

# Surface Water Discharge Monitoring Report

PERMIT NUMBER:

MONITORED LOCATION:

MONITORING PERIOD:

FACILITY NAME:

NJ0005622

483A SW Outfall 483A

9/1/2001 TO 9/30/2001

PSEG NUCLEAR LLC

PARAMETER		QUANTITY OR LOADING		UNITS	QUALITY OR CONCENTRATION			UNITS	NO. EX.	FREQ. OF ANALYSIS	SAMPLE TYPE
Flow, In Conduit or Thru Treatment Plant 50050 1	SAMPLE MEASUREMENT	523	538		*****	*****	*****		0	1/Day	CALCTD
Effluent Gross Value	PERMIT REQUIREMENT	REPORT 01MOAV	REPORT 01DAMX	MGD	*****	*****	*****	*****		1/Day	CALCTD
pH 00400 1	SAMPLE MEASUREMENT	*****	*****		7.6	*****	7.7		0	1/Week	GRAB
Effluent Gross Value	PERMIT REQUIREMENT	*****	*****	*****	6.0 01DAMN	*****	9.0 01DAMX	SU		1/Week	GRAB
pH 00400 7	SAMPLE MEASUREMENT	*****	*****		7.7	*****	7.8		0	1/Week	GRAB
Intake From Stream	PERMIT REQUIREMENT	*****	*****	*****	REPORT 01DAMN	*****	REPORT 01DAMX	SU		1/Week	GRAB
Chlorine Produced Oxidants *CPOX 1	SAMPLE MEASUREMENT	*****	*****		*****	CODE=N	CODE=N		0	CODE=N	CODE=N
Effluent Gross Value Option 1	PERMIT REQUIREMENT	*****	*****	*****	*****	0.3 01MOAV	0.5 01DAMX	MG/L		3/Week	GRAB
Chlorine Produced Oxidants *CPOX 1	SAMPLE MEASUREMENT	*****	*****		*****	<0.1	<0.1		0	3/Week	GRAB
Effluent Gross Value Option 2	PERMIT REQUIREMENT	*****	*****	*****	*****	REPORT 01MOAV	0.2 01DAMX	MG/L		3/Week	GRAB
Temperature, oC 00010 1	SAMPLE MEASUREMENT	*****	*****		*****	31.0	40.0		0	1/Day	CONTIN
Effluent Gross Value	PERMIT REQUIREMENT	*****	*****	*****	*****	REPORT 01MOAV	REPORT 01DAMX	DEG.C		1/Day	CONTIN
Lab Certification # 99999 99	SAMPLE MEASUREMENT	17327	06431		46405	77343					
Lab	PERMIT REQUIREMENT	REPORT Lab #	REPORT Lab #		REPORT Lab #	REPORT Lab #	REPORT Lab #			Not Applic	NOT AP

Comments: Any questions in regards to the monitoring report form can be directed to S. Rosenwinkel of the BPSP - Region 2 at (609)292-4860.

New Jersey Department of Environmental Protection  
Division of Water Quality

**MONITORING REPORT SUBMITTAL FORM**

NJPDES PERMIT NUMBER: NJ0005622

MONITORING REPORT TYPE: Surface Water Discharge A

MONITORING PERIOD: 9/1/2001 - 9/30/2001

REPORT RECIPIENT:

PSEG NUCLEAR LLC

PO BOX 236/N21

HANCOCKS BRIDGE, NJ 08038

MONITORED LOCATION:

484A SW Outfall 484A

MONITORED LOCATION GROUP: N/A

REGION / COUNTY:

Southern / Salem County

LOCATION OF ACTIVITY:

PSEG NUCLEAR LLC

ALLOWAY CREEK NECK RD

LOWER ALLOWAYS CREEK, NJ 08038-0000

CHECK IF APPLICABLE: ☐ No Discharge this Monitoring Period

MONITORING REPORT COMMENTS: \_\_\_\_\_  
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David F. Garchow, Vice President-Operations

NAME AND TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

(856) 339-6000

AREA CODE / TELEPHONE NUMBER

  
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

10/23/01

DATE (MONTH / DAY / YEAR)

# Surface Water Discharge Monitoring Report

PERMIT NUMBER: NJ0005622
 MONITORED LOCATION: 484A SW Outfall 484A
 MONITORING PERIOD: 9/1/2001 TO 9/30/2001
 FACILITY NAME: PSEG NUCLEAR LLC

PARAMETER		QUANTITY OR LOADING		UNITS	QUALITY OR CONCENTRATION			UNITS	NO. EX.	FREQ. OF ANALYSIS	SAMPLE TYPE
Flow, In Conduit or Thru Treatment Plant 50050 1	SAMPLE MEASUREMENT	412	465	MGD	*****	*****	*****	*****	0	1/Day	CALCTD
Effluent Gross Value	PERMIT REQUIREMENT	REPORT 01MOAV	REPORT 01DAMX		*****	*****	*****			1/Day	CALCTD
pH 00400 1	SAMPLE MEASUREMENT	*****	*****	*****	7.5	*****	7.6	SU	0	1/Week	GRAB
Effluent Gross Value	PERMIT REQUIREMENT	*****	*****		6.0 01DAMN	*****	9.0 01DAMX			1/Week	GRAB
pH 00400 7	SAMPLE MEASUREMENT	*****	*****	*****	7.7	*****	7.8	SU	0	1/Week	GRAB
Intake From Stream	PERMIT REQUIREMENT	*****	*****		REPORT 01DAMN	*****	REPORT 01DAMX			1/Week	GRAB
LC50 Statre 96hr Acu Cyprinodon TAN6A 1	SAMPLE MEASUREMENT	*****	*****	*****	CODE=N	*****	*****	%EFFL	0	CODE=N	CODE=N
Effluent Gross Value	PERMIT REQUIREMENT	*****	*****		50 01DAMN	*****	*****			2/Year	COMPOS
Chlorine Produced Oxidants *CPOX 1	SAMPLE MEASUREMENT	*****	*****	*****	*****	CODE=N	CODE=N	MG/L	0	CODE=N	CODE=N
Effluent Gross Value Option 1	PERMIT REQUIREMENT	*****	*****		*****	0.3 01MOAV	0.5 01DAMX			3/Week	GRAB
Chlorine Produced Oxidants *CPOX 1	SAMPLE MEASUREMENT	*****	*****	*****	*****	<0.1	<0.1	MG/L	0	3/Week	GRAB
Effluent Gross Value Option 2	PERMIT REQUIREMENT	*****	*****		*****	REPORT 01MOAV	0.2 01DAMX			3/Week	GRAB
Temperature, oC 00010 1	SAMPLE MEASUREMENT	*****	*****	*****	*****	32.8	39.6	DEG.C	0	1/Day	CONTIN
Effluent Gross Value	PERMIT REQUIREMENT	*****	*****		*****	REPORT 01MOAV	REPORT 01DAMX			1/Day	CONTIN
Lab Certification # 99999 99 Lab	SAMPLE MEASUREMENT	17327	06431		46405	77343					
	PERMIT REQUIREMENT	REPORT Lab #	REPORT Lab #		REPORT Lab #	REPORT Lab #	REPORT Lab #			Not Applic	NOT AP

Comments: The permittee is required to perform acute toxicity testing on a minimum of one representative CWS outfall while DSN 48C is being routed to that outfall.

New Jersey Department of Environmental Protection  
Division of Water Quality

MONITORING REPORT SUBMITTAL FORM

NJPDES PERMIT NUMBER: NJ0005622

MONITORING REPORT TYPE: Surface Water Discharge

MONITORING PERIOD: 9/1/2001 - 9/30/2001

MONITORED LOCATION:

485A SW Outfall 485A

MONITORED LOCATION GROUP: N/A

REGION / COUNTY:

Southern / Salem County

REPORT RECIPIENT:

PSEG NUCLEAR LLC

PO BOX 236/N21

HANCOCKS BRIDGE, NJ 08038

LOCATION OF ACTIVITY:

PSEG NUCLEAR LLC

ALLOWAY CREEK NECK RD

LOWER ALLOWAYS CREEK, NJ 08038-0000

CHECK IF APPLICABLE: ☐ No Discharge this Monitoring Period

MONITORING REPORT COMMENTS:

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David F. Garchow, Vice President-Operations

NAME AND TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

(856) 339-6000

AREA CODE / TELEPHONE NUMBER


SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

10/23/01

DATE (MONTH / DAY / YEAR)

# Surface Water Discharge Monitoring Report

PERMIT NUMBER: NJ0005622     
 MONITORED LOCATION: 485A SW Outfall 485A     
 MONITORING PERIOD: 9/1/2001 TO 9/30/2001     
 FACILITY NAME: PSEG NUCLEAR LLC

PARAMETER		QUANTITY OR LOADING		UNITS	QUALITY OR CONCENTRATION			UNITS	NO. EX.	FREQ. OF ANALYSIS	SAMPLE TYPE
Flow, In Conduit or Thru Treatment Plant 50050 1	SAMPLE MEASUREMENT	407	419	MGD	*****	*****	*****	*****	0	1/Day	CALCTD
Effluent Gross Value	PERMIT REQUIREMENT	REPORT 01MOAV	REPORT 01DAMX		*****	*****	*****			1/Day	CALCTD
pH 00400 1	SAMPLE MEASUREMENT	*****	*****	*****	7.5	*****	7.6	SU	0	1/week	GRAB
Effluent Gross Value	PERMIT REQUIREMENT	*****	*****		6.0 01DAMN	*****	9.0 01DAMX			1/Week	GRAB
pH 00400 7	SAMPLE MEASUREMENT	*****	*****	*****	7.7	*****	7.8	SU	0	1/week	GRAB
Intake From Stream	PERMIT REQUIREMENT	*****	*****		REPORT 01DAMN	*****	REPORT 01DAMX			1/Week	GRAB
LC50 Statre 96hr Acu Cyprinodon TAN6A 1	SAMPLE MEASUREMENT	*****	*****	*****	CODE = N	*****	*****	%EFFL	0	CODE = N	CODE = N
Effluent Gross Value	PERMIT REQUIREMENT	*****	*****		50 01DAMN	*****	*****			2/Year	COMPOS
Chlorine Produced Oxidants *CPOX 1	SAMPLE MEASUREMENT	*****	*****	*****	*****	CODE = N	CODE = N	MG/L	0	CODE = N	CODE = N
Effluent Gross Value Option 1	PERMIT REQUIREMENT	*****	*****		*****	0.3 01MOAV	0.5 01DAMX			3/Week	GRAB
Chlorine Produced Oxidants *CPOX 1	SAMPLE MEASUREMENT	*****	*****	*****	*****	<0.1	0.1	MG/L	0	3/week	GRAB
Effluent Gross Value Option 2	PERMIT REQUIREMENT	*****	*****		*****	REPORT 01MOAV	0.2 01DAMX			3/Week	GRAB
Temperature, oC 00010 1	SAMPLE MEASUREMENT	*****	*****	*****	*****	31.2	37.2	DEG.C	0	1/Day	CONTIN
Effluent Gross Value	PERMIT REQUIREMENT	*****	*****		*****	REPORT 01MOAV	REPORT 01DAMX			1/Day	CONTIN
Lab Certification # 99999 99	SAMPLE MEASUREMENT	17327	06431		46405	77343					
Lab	PERMIT REQUIREMENT	REPORT Lab #	REPORT Lab #		REPORT Lab #	REPORT Lab #	REPORT Lab #			Not Applic	NOT AP

Comments: The permittee is required to perform acute toxicity testing on a minimum of one representative CWS outfall while DSN 48C is being routed to that outfall.

New Jersey Department of Environmental Protection  
Division of Water Quality

**MONITORING REPORT SUBMITTAL FORM**

NJPDES PERMIT NUMBER: **NJ0005622**  
MONITORING REPORT TYPE: **Surface Water Discharge**  
MONITORING PERIOD: **9/1/2001 - 9/30/2001**

MONITORED LOCATION: **486A SW Outfall 486A**  
MONITORED LOCATION GROUP: **N/A**  
REGION / COUNTY: **Southern / Salem County**

REPORT RECIPIENT:  
**PSEG NUCLEAR LLC**  
**PO BOX 236/N21**  
**HANCOCKS BRIDGE, NJ 08038**

LOCATION OF ACTIVITY:  
**PSEG NUCLEAR LLC**  
**ALLOWAY CREEK NECK RD**  
**LOWER ALLOWAYS CREEK, NJ 08038-0000**

CHECK IF APPLICABLE: ☐ No Discharge this Monitoring Period

MONITORING REPORT COMMENTS: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

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David F. Garchow, Vice President-Operations

NAME AND TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

  
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

(856) 339-6000

AREA CODE / TELEPHONE NUMBER

10/23/01

DATE (MONTH / DAY / YEAR)

# Surface Water Discharge Monitoring Report

PERMIT NUMBER: NJ0005622
 MONITORED LOCATION: 486A SW Outfall 486A
 MONITORING PERIOD: 9/1/2001 TO 9/30/2001
 FACILITY NAME: PSEG NUCLEAR LLC

PARAMETER		QUANTITY OR LOADING		UNITS	QUALITY OR CONCENTRATION			UNITS	NO. EX.	FREQ. OF ANALYSIS	SAMPLE TYPE
Flow, In Conduit or Thru Treatment Plant 50050 1	SAMPLE MEASUREMENT	499	505	MGD	*****	*****	*****	*****	0	1/Day	CALCTD
Effluent Gross Value	PERMIT REQUIREMENT	REPORT 01MOAV	REPORT 01DAMX		*****	*****	*****			1/Day	CALCTD
pH 00400 1	SAMPLE MEASUREMENT	*****	*****	*****	7.5	*****	7.7	SU	0	1/Week	GRAB
Effluent Gross Value	PERMIT REQUIREMENT	*****	*****		6.0 01DAMN	*****	9.0 01DAMX			1/Week	GRAB
pH 00400 7	SAMPLE MEASUREMENT	*****	*****	*****	7.7	*****	7.8	SU	0	1/Week	GRAB
Intake From Stream	PERMIT REQUIREMENT	*****	*****		REPORT 01DAMN	*****	REPORT 01DAMX			1/Week	GRAB
Chlorine Produced Oxidants *CPOX 1	SAMPLE MEASUREMENT	*****	*****	*****	*****	CODE=N	CODE=N	MG/L	0	CODE=N	CODE=N
Effluent Gross Value Option 1	PERMIT REQUIREMENT	*****	*****		*****	0.3 01MOAV	0.5 01DAMX			3/Week	GRAB
Chlorine Produced Oxidants *CPOX 1	SAMPLE MEASUREMENT	*****	*****	*****	*****	<0.1	<0.1	MG/L	0	3/Week	GRAB
Effluent Gross Value Option 2	PERMIT REQUIREMENT	*****	*****		*****	REPORT 01MOAV	0.2 01DAMX			3/Week	GRAB
Temperature, oC 00010 1	SAMPLE MEASUREMENT	*****	*****	*****	*****	32.3	39.0	DEG.C	0	1/Day	CONTIN
Effluent Gross Value	PERMIT REQUIREMENT	*****	*****		*****	REPORT 01MOAV	REPORT 01DAMX			1/Day	CONTIN
Lab Certification # 99999 99	SAMPLE MEASUREMENT	17327	06431		46405	77343					
Lab	PERMIT REQUIREMENT	REPORT Lab #	REPORT Lab #		REPORT Lab #	REPORT Lab #	REPORT Lab #			Not Applicable	NOT/AP

Comments: Any questions in regards to the monitoring report form can be directed to S. Rosenwinkel of the BPSP - Region 2 at (609)292-4860.

New Jersey Department of Environmental Protection  
Division of Water Quality

**MONITORING REPORT SUBMITTAL FORM**

NJPDES PERMIT NUMBER: NJ0005622  
MONITORING REPORT TYPE: Surface Water Discharge  
MONITORING PERIOD: 9/1/2001 - 9/30/2001

MONITORED LOCATION: 487B SW Outfall 487B  
MONITORED LOCATION GROUP: N/A  
REGION / COUNTY: Southern / Salem County

REPORT RECIPIENT:  
PSEG NUCLEAR LLC  
PO BOX 236/N21  
HANCOCKS BRIDGE, NJ 08038

LOCATION OF ACTIVITY:  
PSEG NUCLEAR LLC  
ALLOWAY CREEK NECK RD  
LOWER ALLOWAYS CREEK, NJ 08038-0000

CHECK IF APPLICABLE: ☒ No Discharge this Monitoring Period

MONITORING REPORT COMMENTS: \_\_\_\_\_  
\_\_\_\_\_  
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\_\_\_\_\_  
\_\_\_\_\_

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David F. Garchow, Vice President-Operations

NAME AND TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

David F. Garchow  
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

(856) 339-6000


AREA CODE / TELEPHONE NUMBER

10/23/01

DATE (MONTH / DAY / YEAR)

# Surface Water Discharge Monitoring Report

PERMIT NUMBER:                      MONITORED LOCATION:                      MONITORING PERIOD:                      FACILITY NAME:                       
 NJ0005622 487B SW Outfall 487B 9/1/2001 TO 9/30/2001 PSEG NUCLEAR LLC

PARAMETER		QUANTITY OR LOADING		UNITS	QUALITY OR CONCENTRATION			UNITS	NO. EX.	FREQ. OF ANALYSIS	SAMPLE TYPE
Flow, In Conduit or Thru Treatment Plant 50050 1	SAMPLE MEASUREMENT				*****	*****	*****				
Effluent Gross Value	PERMIT REQUIREMENT	REPORT 01MOAV	REPORT 01DAMX	MGD	*****	*****	*****	*****		1/Batch	CALCTD
pH	SAMPLE MEASUREMENT	*****	*****			*****					
00400 1	PERMIT REQUIREMENT	*****	*****	*****	6.0 01DAMN	*****	9.0 01DAMX	SU		1/Batch	GRAB
Effluent Gross Value											
Solids, Total Suspended 00530 1	SAMPLE MEASUREMENT	*****	*****		*****						
Effluent Gross Value	PERMIT REQUIREMENT	*****	*****	*****	*****	REPORT 01MOAV	100 01DAMX	MG/L		1/Batch	GRAB
Temperature, oC 00010 1	SAMPLE MEASUREMENT	*****	*****		*****						
Effluent Gross Value	PERMIT REQUIREMENT	*****	*****	*****	*****	REPORT 01MOAV	43.3 01DAMX	DEG.C		1/Batch	GRAB
Petroleum Hydrocarbons 00551 1	SAMPLE MEASUREMENT	*****	*****		*****						
Effluent Gross Value	PERMIT REQUIREMENT	*****	*****	*****	*****	REPORT 01MOAV	15 01DAMX	MG/L		1/Batch	GRAB
Carbon, Tot Organic (TOC) 00680 1	SAMPLE MEASUREMENT	*****	*****		*****						
Effluent Gross Value	PERMIT REQUIREMENT	*****	*****	*****	*****	REPORT 01MOAV	50 01DAMX	MG/L		1/Batch	GRAB
Lab Certification # 99999 99	SAMPLE MEASUREMENT										
Lab	PERMIT REQUIREMENT	REPORT Lab #	REPORT Lab #		REPORT Lab #	REPORT Lab #	REPORT Lab #			Not Applic	NOT AP

Comments: If there are any questions in regards to the monitoring report form, please contact Susan Rosenwinkel of the BPSP - Region 2 at (609)292-4860 or via email at "srosenwi@dep.state.nj.us".

New Jersey Department of Environmental Protection  
Division of Water Quality

**MONITORING REPORT SUBMITTAL FORM**

NJPDES PERMIT NUMBER: **NJ0005622**  
MONITORING REPORT TYPE: **Surface Water Discharge**  
MONITORING PERIOD: **9/1/2001 - 9/30/2001**

MONITORED LOCATION: **489A SW Outfall 489A**  
MONITORED LOCATION GROUP: **N/A**  
REGION / COUNTY: **Southern / Salem County**

REPORT RECIPIENT:  
**PSEG NUCLEAR LLC**  
**PO BOX 236/N21**  
**HANCOCKS BRIDGE, NJ 08038**

LOCATION OF ACTIVITY:  
**PSEG NUCLEAR LLC**  
**ALLOWAY CREEK NECK RD**  
**LOWER ALLOWAYS CREEK, NJ 08038-0000**

CHECK IF APPLICABLE: ☐ **No Discharge this Monitoring Period**

MONITORING REPORT COMMENTS: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
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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. § 1319.

*(Penalties under these statutes may include fines up to \$10,000 and or a maximum imprisonment of between 6 months and 5 years.)*

David F. Garchow, Vice President-Operations

NAME AND TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

(856) 339-6000

AREA CODE / TELEPHONE NUMBER

  
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

10/23/01

DATE (MONTH / DAY / YEAR)

# Surface Water Discharge Monitoring Report

PERMIT NUMBER: NJ0005622
 MONITORED LOCATION: 489A SW Outfall 489A
 MONITORING PERIOD: 9/1/2001 TO 9/30/2001
 FACILITY NAME: PSEG NUCLEAR LLC

PARAMETER		QUANTITY OR LOADING		UNITS	QUALITY OR CONCENTRATION			UNITS	NO. EX.	FREQ. OF ANALYSIS	SAMPLE TYPE
Flow, In Conduit or Thru Treatment Plant 50050 1	SAMPLE MEASUREMENT	0.0848	0.0848	MGD	*****	*****	*****	*****	0	1/Month	CALCTD
Effluent Gross Value	PERMIT REQUIREMENT	REPORT 01MOAV	REPORT 01DAMX		*****	*****	*****			1/Month	CALCTD
pH	SAMPLE MEASUREMENT	*****	*****	*****	7.8	*****	7.8	SU	0	1/Month	GRAB
00400 1 Effluent Gross Value	PERMIT REQUIREMENT	*****	*****		6.0 01DAMN	*****	9.0 01DAMX			1/Month	GRAB
Solids, Total Suspended 00530 1	SAMPLE MEASUREMENT	*****	*****	*****	8	8	*****	MG/L	0	1/Month	GRAB
Effluent Gross Value	PERMIT REQUIREMENT	*****	*****		100 01DAMX	30 01MOAV	*****			1/Month	GRAB
Petroleum Hydrocarbons 00551 1	SAMPLE MEASUREMENT	*****	*****	*****	*****	1	1	MG/L	0	1/Month	GRAB
Effluent Gross Value	PERMIT REQUIREMENT	*****	*****		*****	10 01MOAV	15 01DAMX			1/Month	GRAB
Carbon, Tot Organic (TOC) 00680 1	SAMPLE MEASUREMENT	*****	*****	*****	*****	17	17	MG/L	0	1/Month	GRAB
Effluent Gross Value	PERMIT REQUIREMENT	*****	*****		*****	REPORT 01MOAV	50 01DAMX			1/Month	GRAB
Lab Certification # 99999 99	SAMPLE MEASUREMENT	17327	06431		46405	77343					
Lab	PERMIT REQUIREMENT	REPORT Lab #	REPORT Lab #		REPORT Lab #	REPORT Lab #	REPORT Lab #			Not Applic	NOT AP

Comments: If there are any questions in regards to the monitoring report form, please contact Susan Rosenwinkel of the the BPSP - Region 2 at (609)292-4860 or via email at "srosenwi@dep.state.nj.us".