



LR-E02-0160

April 22, 2002

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 7001 2510 0003 6742 5342

**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 March 2002.

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 black ink that reads "David F. Garchow".

David F. Garchow
Vice President Operations

Attachments

TE25

NJPDES Report
March 2002

- 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
March 2002

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.

DSN NO. EXPLANATION

In accordance with N.J.A.C. 7:14A-6.10, PSEG Nuclear reported the discharge to the Delaware River of approximately 50 gallons of lubricating oil. The discharge originated from a failure of the 12 B Circulator upper motor oil reservoir cooler. This failure caused cooling water to flow into the oil reservoir and cause the reservoir to overflow into the motor windings down the motor and subsequently into the pump intake of 12 B Circulator. As 12 B Circulator was in service at the time of the failure, the oil was discharged via DSN 482. Due to the time of the event it could not be ascertained if a visible sheen developed.

The discharge was reported to the New Jersey Department of Environmental Protection ("NJDEP") Hotline and assigned Case No. 02-03-03-0229-23. The discharge was also reported to the National Response Center and assigned Case No. 595482 and the Nuclear Regulatory Commission (NRC).

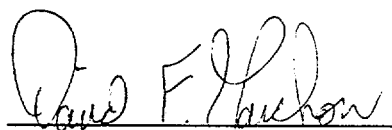
Operations personnel discovered the discharge at 0228 hours on March 3, 2002. Upon discovery of the failed cooler, Operations personnel immediately tripped the circulator, stopping the discharge. Site personnel used absorbent pads and boom to remove the remaining oil located in the intake bay.

In order to prevent reoccurrence, PSEG will keep the affected circulator out of service until repairs are completed. In addition, PSEG is inspecting the other circulators for indications of a potential similar failure. No injuries resulted from this discharge and there was no evidence of environmental damage.

COUNTY OF SALEM
STATE OF NEW JERSEY

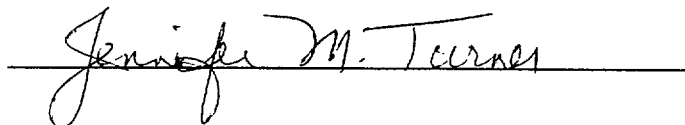
I, David F. Garchow, of full age, being duly sworn according to law, upon my oath
depose and say:

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 22 day of April 2002



JENNIFER M. TURNER
NOTARY PUBLIC OF NEW JERSEY
My Commission Expires July 25, 2005

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: **3/1/2002 - 3/31/2002**

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

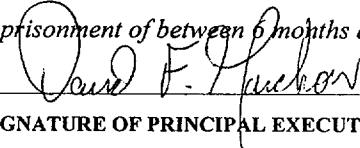
CHECK IF APPLICABLE: **No Discharge this Monitoring Period**

MONITORING REPORT COMMENTS: _____

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 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

04/22/02

AREA CODE / TELEPHONE NUMBER

DATE (MONTH / DAY / YEAR)

Surface Water Discharge Monitoring Report

PERMIT NUMBER: NJ0005622
 MONITORED LOCATION: FACA SW Outfall FACA
 MONITORING PERIOD: 3/1/2002 TO 3/31/2002
 FACILITY NAME: PSEG NUCLEAR LLC

PARAMETER	X	QUANTITY OR LOADING		UNITS	QUALITY OR CONCENTRATION			UNITS	NO. EX.	FREQ. OF ANALYSIS	SAMPLE TYPE
Temperature, oC 00010 G Raw Sew/influent	SAMPLE MEASUREMENT	*****	*****		*****	8.4	11.3		0	Continuous	CONTIN
	PERMIT REQUIREMENT	*****	*****	*****	*****	REPORT 01MOAV	REPORT 01DAMX	DEG.C		Continuous	CONTIN
Temperature, oC 00010 1 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****		*****	15.3	21.2		0	Continuous	CONTIN
	PERMIT REQUIREMENT	*****	*****	*****	*****	REPORT 01MOAV	43.3 01DAMX	DEG.C		Continuous	CONTIN
Temperature, oC 00010 2 Effluent Net Value	SAMPLE MEASUREMENT	*****	*****		*****	7.0	11.8		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 N
MONITORING PERIOD: 3/1/2002 - 3/31/2002

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

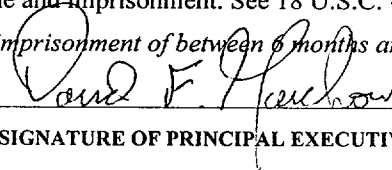
CHECK IF APPLICABLE: No Discharge this Monitoring Period

MONITORING REPORT COMMENTS: _____

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 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-Operation



NAME AND TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

(856) 339-6000

04/22/02

AREA CODE / TELEPHONE NUMBER

DATE (MONTH / DAY / YEAR)

Surface Water Discharge Monitoring Report

PERMIT NUMBER: NJ0005622
 MONITORED LOCATION: FACB SW Outfall FACB
 MONITORING PERIOD: 3/1/2002 TO 3/31/2002
 FACILITY NAME: PSEG NUCLEAR LLC

PARAMETER	X	QUANTITY OR LOADING		UNITS	QUALITY OR CONCENTRATION			UNITS	NO. EX.	FREQ. OF ANALYSIS	SAMPLE TYPE
Temperature, °C 00010 G Raw Sew/Influent	SAMPLE MEASUREMENT	*****	*****		*****	8.4	11.3		0	Continuous	CONTIN
	PERMIT REQUIREMENT	*****	*****	*****	*****	REPORT 01MOAV	REPORT 01DAMX	DEG.C		Continuous	CONTIN
Temperature, °C 00010 1 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****		*****	16.9	19.6		0	Continuous	CONTIN
	PERMIT REQUIREMENT	*****	*****	*****	*****	REPORT 01MOAV	43.3 01DAMX	DEG.C		Continuous	CONTIN
Temperature, °C 00010 2 Effluent Net Value	SAMPLE MEASUREMENT	*****	*****		*****	8.5	10.2		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 N
MONITORING PERIOD: 3/1/2002 - 3/31/2002

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

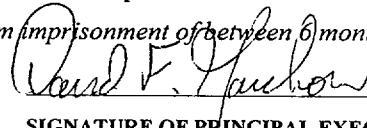
CHECK IF APPLICABLE: No Discharge this Monitoring Period

MONITORING REPORT COMMENTS: _____

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 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

04/22/02

AREA CODE / TELEPHONE NUMBER

DATE (MONTH / DAY / YEAR)

Surface Water Discharge Monitoring Report

PERMIT NUMBER: NJ0005622
 MONITORED LOCATION: FACC SW Outfall FACC
 MONITORING PERIOD: 3/1/2002 TO 3/31/2002
 FACILITY NAME: PSEG NUCLEAR LLC

PARAMETER	X	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	2438	2892	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	12798	16195	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 #		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 A**
MONITORING PERIOD: **3/1/2002 - 3/31/2002**

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

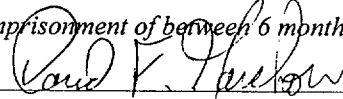
CHECK IF APPLICABLE: **No Discharge this Monitoring Period**

MONITORING REPORT COMMENTS: _____

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 U.S.C. § 1319.

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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

04/22/02

AREA CODE / TELEPHONE NUMBER

DATE (MONTH / DAY / YEAR)

Surface Water Discharge Monitoring Report

PERMIT NUMBER: NJ0005622
 MONITORED LOCATION: 048C SW Outfall 48C
 MONITORING PERIOD: 3/1/2002 TO 3/31/2002
 FACILITY NAME: PSEG NUCLEAR LLC

PARAMETER	X	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	0.1244	0.3116		*****	*****	*****		0	1/Day	CALCTD
	PERMIT REQUIREMENT	REPORT 01MOAV	REPORT 01DAMX	MGD	*****	*****	*****	*****		1/Day	CALCTD
Solids, Total Suspended 00530 1 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****		*****	6	7		0	2/Month	COMPOS
	PERMIT REQUIREMENT	*****	*****	*****	*****	30 01MOAV	100 01DAMX	MG/L		2/Month	COMPOS
Nitrogen, Ammonia Total (as N) 00610 1 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****		*****	12	15		0	2/Month	COMPOS
	PERMIT REQUIREMENT	*****	*****	*****	*****	35 01MOAV	70 01DAMX	MG/L		2/Month	COMPOS
Petroleum Hydrocarbons 00551 1 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****		*****	1	1		0	2/Month	GRAB
	PERMIT REQUIREMENT	*****	*****	*****	*****	10 01MOAV	15 01DAMX	MG/L		2/Month	GRAB
Carbon, Tot Organic (TOC) 00680 1 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****		*****	26	41		0	2/Month	COMPOS
	PERMIT REQUIREMENT	*****	*****	*****	*****	REPORT 01MOAV	50 01DAMX	MG/L		2/Month	COMPOS
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 BPS - Region 2 at (609)292-4680 or via email at "rosenwi@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: 3/1/2002 - 3/31/2002

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

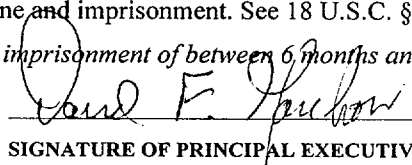
CHECK IF APPLICABLE: No Discharge this Monitoring Period

MONITORING REPORT COMMENTS: _____

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David F. Garchow Vice President-Operations



SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

NAME AND TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

(856) 339-6000

AREA CODE / TELEPHONE NUMBER

04/22/02

DATE (MONTH / DAY / YEAR)

Surface Water Discharge Monitoring Report

PERMIT NUMBER:

MONITORED LOCATION:

MONITORING PERIOD:

FACILITY NAME:

NJ0005622

481A SW Outfall 481A

3/1/2002 TO 3/31/2002

PSEG NUCLEAR LLC

PARAMETER	SAMPLE MEASUREMENT / PERMIT REQUIREMENT	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	389	519	MGD	*****	*****	*****	*****	0	1/Day	CALCTD
	PERMIT REQUIREMENT	REPORT 01MOAV	REPORT 01DAMX		*****	*****	*****		*****	1/Day	CALCTD
pH 00400 1 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****	*****	7.8	*****	7.9	SU	0	1/Week	GRAB
	PERMIT REQUIREMENT	*****	*****		6.0 01DAMN	*****	9.0 01DAMX		1/Week	GRAB	
pH 00400 7 Intake From Stream	SAMPLE MEASUREMENT	*****	*****	*****	7.9	*****	8.1	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	*****	*****	*****	*****	<0.1	<0.1	MG/L	0	3/Week	GRAB
	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	*****	*****	*****	*****	15.5	23.5	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 N
MONITORING PERIOD: 3/1/2002 - 3/31/2002

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

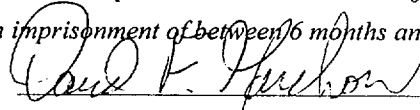
CHECK IF APPLICABLE: No Discharge this Monitoring Period

MONITORING REPORT COMMENTS: _____

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David F. Garchow, Vice President-Operations



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04/22/02

AREA CODE / TELEPHONE NUMBER

DATE (MONTH / DAY / YEAR)

Surface Water Discharge Monitoring Report

PERMIT NUMBER:

MONITORED LOCATION:

MONITORING PERIOD:

FACILITY NAME:

NJ0005622

482A SW Outfall 482A

3/1/2002 TO 3/31/2002

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	344	490	MGD	*****	*****	*****	*****	0	1/Day	CALCTD
	PERMIT REQUIREMENT	REPORT 01MOAV	REPORT 01DAMX		*****	*****	*****		*****	1/Day	CALCTD
pH 00400 1 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****	*****	7.9	*****	8.1	SU	0	1/week	GRAB
	PERMIT REQUIREMENT	*****	*****		6.0 01DAMN	*****	9.0 01DAMX		1/Week	GRAB	
pH 00400 7 Intake From Stream	SAMPLE MEASUREMENT	*****	*****	*****	7.9	*****	8.1	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	*****	*****		2Year	COMPOS	
Chlorine Produced Oxidants *CPOX 1 Effluent Gross Value Option 1	SAMPLE MEASUREMENT	*****	*****	*****	*****	<0.1	<0.1	MG/L	0	3/week	GRAB
	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	*****	*****	*****	*****	16.0	23.1	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 #		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: 3/1/2002 - 3/31/2002

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

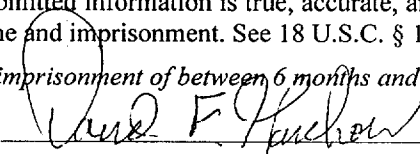
CHECK IF APPLICABLE: No Discharge this Monitoring Period

MONITORING REPORT COMMENTS: _____

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 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

04/22/02

AREA CODE / TELEPHONE NUMBER

DATE (MONTH / DAY / YEAR)

Surface Water Discharge Monitoring Report

PERMIT NUMBER:

MONITORED LOCATION:

MONITORING PERIOD:

FACILITY NAME:

NJ0005622

483A SW Outfall 483A

3/1/2002 TO 3/31/2002

PSEG NUCLEAR LLC

PARAMETER	X	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	370	510		*****	*****	*****		0	1/Day	CALCTD
	PERMIT REQUIREMENT	REPORT 01MOAV	REPORT 01DAMX	MGD	*****	*****	*****	*****		1/Day	CALCTD
pH 00400 1 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****		7.6	*****	8.0		0	1/week	GRAB
	PERMIT REQUIREMENT	*****	*****	*****	6.0 01DAMN	*****	9.0 01DAMX	SU		1/Week	GRAB
pH 00400 7 Intake From Stream	SAMPLE MEASUREMENT	*****	*****		7.9	*****	8.1		0	1/week	GRAB
	PERMIT REQUIREMENT	*****	*****	*****	REPORT 01DAMN	*****	REPORT 01DAMX	SU		1/Week	GRAB
Chlorine Produced Oxidants *CPOX 1 Effluent Gross Value Option 1	SAMPLE MEASUREMENT	*****	*****		*****	0.2	0.4		0	3/week	GRAB
	PERMIT REQUIREMENT	*****	*****	*****	*****	0.3 01MOAV	0.5 01DAMX	MG/L		3/Week	GRAB
Chlorine Produced Oxidants *CPOX 1 Effluent Gross Value Option 2	SAMPLE MEASUREMENT	*****	*****		*****	<0.1	<0.1		0	3/week	GRAB
	PERMIT REQUIREMENT	*****	*****	*****	*****	REPORT 01MOAV	0.2 01DAMX	MG/L		3/Week	GRAB
Temperature, oC 00010 1 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****		*****	15.8	29.8		0	1/Day	CONTIN
	PERMIT REQUIREMENT	*****	*****	*****	*****	REPORT 01MOAV	REPORT 01DAMX	DEG.C		1/Day	CONTIN
Lab Certification # 99999 99 Lab	SAMPLE MEASUREMENT	17327	06431		46431	77343					
	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 N
MONITORING PERIOD: 3/1/2002 - 3/31/2002

MONITORED LOCATION: 484A SW Outfall 484A
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

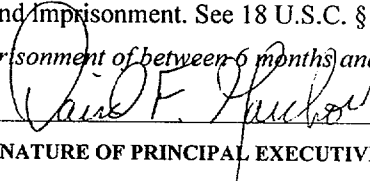
CHECK IF APPLICABLE: No Discharge this Monitoring Period

MONITORING REPORT COMMENTS: _____

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 U.S.C. § 1319.

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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

04/22/02

AREA CODE / TELEPHONE NUMBER

DATE (MONTH / DAY / YEAR)

Surface Water Discharge Monitoring Report

PERMIT NUMBER: NJ0005622
 MONITORED LOCATION: 484A SW Outfall 484A
 MONITORING PERIOD: 3/1/2002 TO 3/31/2002
 FACILITY NAME: PSEG NUCLEAR LLC

PARAMETER	X	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	509		*****	*****	*****		0	1/Day	CALCTD
Effluent Gross Value	PERMIT REQUIREMENT	REPORT 01MOAV	REPORT 01DAMX	MGD	*****	*****	*****	*****		1/Day	CALCTD
pH 00400 1	SAMPLE MEASUREMENT	*****	*****		7.8	*****	8.1		0	1/Week	GRAB
Effluent Gross Value	PERMIT REQUIREMENT	*****	*****	*****	6.0 01DAMN	*****	9.0 01DAMX	SU		1/Week	GRAB
pH 00400 7	SAMPLE MEASUREMENT	*****	*****		7.9	*****	8.1		0	1/Week	GRAB
Intake From Stream	PERMIT REQUIREMENT	*****	*****	*****	REPORT 01DAMN	*****	REPORT 01DAMX	SU		1/Week	GRAB
LC50 Statre 96hr Acu Cyprinodon TAN6A 1	SAMPLE MEASUREMENT	*****	*****		CODE=N	*****	*****		0	CODE=N	CODE=N
Effluent Gross Value	PERMIT REQUIREMENT	*****	*****	*****	50 01DAMN	*****	*****	%EFFL		2/Year	COMPOS
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	*****	*****		*****	17.3	21.4		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: 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 N**
MONITORING PERIOD: **3/1/2002 - 3/31/2002**

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

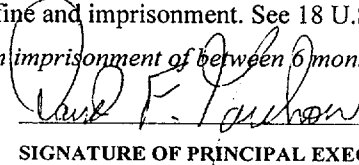
CHECK IF APPLICABLE: **No Discharge this Monitoring Period**

MONITORING REPORT COMMENTS: _____

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 U.S.C. § 1319.

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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

04/22/02

AREA CODE / TELEPHONE NUMBER

DATE (MONTH / DAY / YEAR)

Surface Water Discharge Monitoring Report

PERMIT NUMBER:

MONITORED LOCATION:

MONITORING PERIOD:

FACILITY NAME:

NJ0005622

485A SW Outfall 485A

3/1/2002 TO 3/31/2002

PSEG NUCLEAR LLC

PARAMETER	X	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	450	450	MGD	*****	*****	*****	*****	0	1/Day	CALCTD
	PERMIT REQUIREMENT	REPORT 01MOAV	REPORT 01DAMX		*****	*****	*****		*****	1/Day	CALCTD
pH 00400 1 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****	*****	7.5	*****	7.8	SU	0	1/Week	GRAB
	PERMIT REQUIREMENT	*****	*****		6.0 01DAMN	*****	9.0 01DAMX		1/Week	GRAB	
pH 00400 7 Intake From Stream	SAMPLE MEASUREMENT	*****	*****	*****	7.9	*****	8.1	SU	0	1/Week	GRAB
	PERMIT REQUIREMENT	*****	*****		REPORT 01DAMN	*****	REPORT 01DAMX		1/Week	GRAB	
LC50 Statre 96hr Acu Cyprinodon TANGA 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	*****	*****	*****	*****	16.0	20.1	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 N
MONITORING PERIOD: 3/1/2002 - 3/31/2002

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

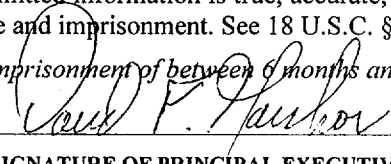
CHECK IF APPLICABLE: No Discharge this Monitoring Period

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

04/22/02

AREA CODE / TELEPHONE NUMBER

DATE (MONTH / DAY / YEAR)

Surface Water Discharge Monitoring Report

PERMIT NUMBER: NJ0005622
MONITORED LOCATION: 486A SW Outfall 486A
MONITORING PERIOD: 3/1/2002 TO 3/31/2002
FACILITY NAME: PSEG NUCLEAR LLC

PARAMETER	SAMPLE MEASUREMENT	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	450	493	MGD	*****	*****	*****	*****	0	1/Day	CALCTD
	PERMIT REQUIREMENT	REPORT 01MOAV	REPORT 01DAMX		*****	*****	*****		*****	1/Day	CALCTD
pH 00400 1 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****	*****	7.7	*****	8.0	SU	0	1/week	GRAB
	PERMIT REQUIREMENT	*****	*****		6.0 01DAMN	*****	9.0 01DAMX		1/Week	GRAB	
pH 00400 7 Intake From Stream	SAMPLE MEASUREMENT	*****	*****	*****	7.9	*****	8.1	SU	0	1/week	GRAB
	PERMIT REQUIREMENT	*****	*****		REPORT 01DAMN	*****	REPORT 01DAMX		1/Week	GRAB	
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	*****	*****	*****	*****	20.1	20.1	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	*****	*****	*****	*****	17.7	24.1	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: 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 N
MONITORING PERIOD: 3/1/2002 - 3/31/2002

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

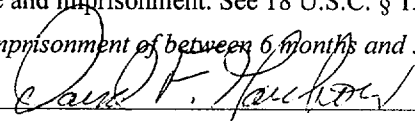
CHECK IF APPLICABLE: No Discharge this Monitoring Period

MONITORING REPORT COMMENTS: _____

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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

04/22/02

AREA CODE / TELEPHONE NUMBER

DATE (MONTH / DAY / YEAR)

Surface Water Discharge Monitoring Report

PERMIT NUMBER:

MONITORED LOCATION:

MONITORING PERIOD:

FACILITY NAME:

NJ0005622

487B SW Outfall 487B

3/1/2002 TO 3/31/2002

PSEG NUCLEAR LLC

PARAMETER	X	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				*****	*****	*****				
	PERMIT REQUIREMENT	REPORT 01MOAV	REPORT 01DAMX	MGD	*****	*****	*****	*****		1/Batch	CALCTD
pH 00400 1 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****			*****					
	PERMIT REQUIREMENT	*****	*****	*****	6.0 01DAMN	*****	9.0 01DAMX	SU		1/Batch	GRAB
Solids, Total Suspended 00530 1 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****		*****						
	PERMIT REQUIREMENT	*****	*****	*****	*****	REPORT 01MOAV	100 01DAMX	MG/L		1/Batch	GRAB
Temperature, oC 00010 1 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****		*****						
	PERMIT REQUIREMENT	*****	*****	*****	*****	REPORT 01MOAV	43.3 01DAMX	DEG.C		1/Batch	GRAB
Petroleum Hydrocarbons 00551 1 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****		*****						
	PERMIT REQUIREMENT	*****	*****	*****	*****	REPORT 01MOAV	15 01DAMX	MG/L		1/Batch	GRAB
Carbon, Tot Organic (TOC) 00680 1 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****		*****						
	PERMIT REQUIREMENT	*****	*****	*****	*****	REPORT 01MOAV	50 01DAMX	MG/L		1/Batch	GRAB
Lab Certification # 99999 99 Lab	SAMPLE MEASUREMENT										
	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 "rosenwi@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: 3/1/2002 - 3/31/2002

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

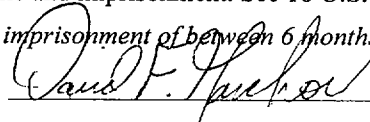
CHECK IF APPLICABLE: No Discharge this Monitoring Period

MONITORING REPORT COMMENTS: _____

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NAME AND TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

(856) 339-6000

04/22/02

AREA CODE / TELEPHONE NUMBER

DATE (MONTH / DAY / YEAR)

Surface Water Discharge Monitoring Report

PERMIT NUMBER: NJ0005622 MONITORED LOCATION: 489A SW Outfall 489A MONITORING PERIOD: 3/1/2002 TO 3/31/2002 FACILITY NAME: PSEG NUCLEAR LLC

PARAMETER	X	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	0.1310	0.1310		*****	*****	*****		0	1/Month	CALCTD
	PERMIT REQUIREMENT	REPORT 01MOAV	REPORT 01DAMX	MGD	*****	*****	*****	*****		1/Month	CALCTD
pH 00400 1 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****		7.7	*****	7.7		0	1/Month	GRAB
	PERMIT REQUIREMENT	*****	*****	*****	6.0 01DAMN	*****	9.0 01DAMX	SU		1/Month	GRAB
Solids, Total Suspended 00530 1 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****		1	1	*****		0	1/Month	GRAB
	PERMIT REQUIREMENT	*****	*****	*****	100 01DAMX	30 01MOAV	*****	MG/L		1/Month	GRAB
Petroleum Hydrocarbons 00551 1 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****		*****	<0.5	<0.5		0	1/Month	GRAB
	PERMIT REQUIREMENT	*****	*****	*****	*****	10 01MOAV	15 01DAMX	MG/L		1/Month	GRAB
Carbon, Tot Organic (TOC) 00680 1 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****		*****	<1	<1		0	1/Month	GRAB
	PERMIT REQUIREMENT	*****	*****	*****	*****	REPORT 01MOAV	50 01DAMX	MG/L		1/Month	GRAB
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 the BPS - Region 2 at (609)292-4860 or via email at "srosenwi@dep.state.nj.us".