



LR-E01-0258

August 22, 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 5024

**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 July 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
July 2001

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

NJPDES Report
Explanation of Deviations
July 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.

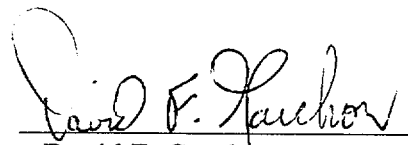
<u>DSN NO.</u>	<u>EXPLANATION</u>
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	None
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COUNTY OF SALEM
STATE OF NEW JERSEY


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 23 day of Aug 2001



SHERI L. HUSTON
NOTARY PUBLIC OF NEW JERSEY
My Commission Expires 12/08/2003

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: 7/1/2001 - 7/31/2001

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: _____

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

08/22/01

DATE (MONTH / DAY / YEAR)

PERMIT NUMBER:

MONITORED LOCATION:

MONITORING PERIOD:

FACILITY NAME:

NJ0005622

FACA SW Outfall FACA

7/1/2001 TO 7/31/2001

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	*****	*****		*****	27.3	29.3		0	Continuous	CONTIN
	PERMIT REQUIREMENT	*****	*****	*****	*****	REPORT 01MOAV	REPORT 01DAMX	DEG.C		Continuous	CONTIN
Temperature, oC 00010 1 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****		*****	35.2	37.6		0	Continuous	CONTIN
	PERMIT REQUIREMENT	*****	*****	*****	*****	REPORT 01MOAV	46.1 01DAMX	DEG.C		Continuous	CONTIN
Temperature, oC 00010 2 Effluent Net Value	SAMPLE MEASUREMENT	*****	*****		*****	8.0	9.9		0	Continuous	CALCTD
	PERMIT REQUIREMENT	*****	*****	*****	*****	REPORT 01MOAV	15.3 01DAMX	DEG.C		Continuous	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: Your monitoring report forms have been converted to the Department's new NJ Environmental Management System (NJEMS). 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: **7/1/2001 - 7/31/2001**

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

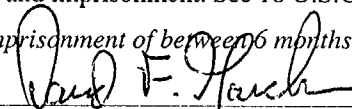
CHECK IF APPLICABLE: ☐ No Discharge this Monitoring Period

MONITORING REPORT COMMENTS: _____

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David F. Garchow Vice President-Operations



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SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

(856) 339-6000

08/22/01

AREA CODE / TELEPHONE NUMBER

DATE (MONTH / DAY / YEAR)

PERMIT NUMBER:

MONITORED LOCATION:

MONITORING PERIOD:


FACILITY NAME:

NJ0005622

FACB SW Outfall FACB

7/1/2001 TO 7/31/2001

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	*****	*****	*****	*****	27.3	29.3	DEG.C	0	Continuous	CONTIN
	PERMIT REQUIREMENT	*****	*****		*****	REPORT 01MOAV	REPORT 01DAMX		Continuous	CONTIN	
Temperature, oC 00010 1 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****	*****	*****	35.3	39.1	DEG.C	0	Continuous	CONTIN
	PERMIT REQUIREMENT	*****	*****		*****	REPORT 01MOAV	46.1 01DAMX		Continuous	CONTIN	
Temperature, oC 00010 2 Effluent Net Value	SAMPLE MEASUREMENT	*****	*****	*****	*****	8.0	9.8	DEG.C	0	Continuous	CALCTD
	PERMIT REQUIREMENT	*****	*****		*****	REPORT 01MOAV	15.3 01DAMX		Continuous	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	

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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: 7/1/2001 - 7/31/2001

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

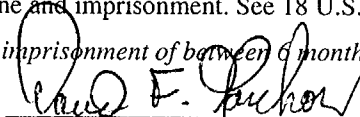
CHECK IF APPLICABLE: ☐ No Discharge this Monitoring Period

MONITORING REPORT COMMENTS: _____

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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

08/22/01

AREA CODE / TELEPHONE NUMBER

DATE (MONTH / DAY / YEAR)

Groundwater Monitoring Report

PERMIT NUMBER: NJ0005622
 MONITORED LOCATION: FACC SW Outfall FACC
 MONITORING PERIOD: 7/1/2001 TO 7/31/2001
 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	2856	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	14790	15550	MBTU/HR	*****	*****	*****	*****	0	Continuous	CALCTD
	PERMIT REQUIREMENT	REPORT 01MOAV	30600 01DAMX		*****	*****	*****			Continuous	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: Your monitoring report forms have been converted to the Department's new NJ Environmental Management System (NJEMS). 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: 7/1/2001 - 7/31/2001

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

(856) 339-6000

AREA CODE / TELEPHONE NUMBER

08/22/01

DATE (MONTH / DAY / YEAR)

PERMIT NUMBER:

MONITORED LOCATION:

MONITORING PERIOD:


FACILITY NAME:

NJ0005622

048C SW Outfall 48C

7/1/2001 TO 7/31/2001

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	0.1314	0.4865	MGD	*****	*****	*****	*****	0	1/Day	CALCTD
Effluent Gross Value	PERMIT REQUIREMENT	REPORT 01MOAV	REPORT 01DAMX		*****	*****	*****			1/Day	CALCTD
Solids, Total Suspended 00530 1	SAMPLE MEASUREMENT	*****	*****	*****	*****	10	11	MG/L	0	2/Month	COMPOS
Effluent Gross Value	PERMIT REQUIREMENT	*****	*****		*****	30 01MOAV	100 01DAMX			2/Month	COMPOS
Nitrogen, Ammonia Total (as N) 00610 1	SAMPLE MEASUREMENT	*****	*****	*****	*****	6	12	MG/L	0	2/Month	COMPOS
Effluent Gross Value	PERMIT REQUIREMENT	*****	*****		*****	35 01MOAV	70 01DAMX			2/Month	COMPOS
Petroleum Hydrocarbons 00551 1	SAMPLE MEASUREMENT	*****	*****	*****	*****	<0.5	<0.5	MG/L	0	2/Month	GRAB
Effluent Gross Value	PERMIT REQUIREMENT	*****	*****		*****	10 01MOAV	15 01DAMX			2/Month	GRAB
Carbon, Tot Organic (TOC) 00680 1	SAMPLE MEASUREMENT	*****	*****	*****	*****	6	6	MG/L	0	2/Month	COMPOS
Effluent Gross Value	PERMIT REQUIREMENT	*****	*****		*****	REPORT 01MOAV	50 01DAMX			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

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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: 7/1/2001 - 7/31/2001

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


SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

(856) 339-6000

AREA CODE / TELEPHONE NUMBER

08/22/01

DATE (MONTH / DAY / YEAR)

PERMIT NUMBER:

MONITORED LOCATION:

MONITORING PERIOD:


FACILITY NAME:

NJ0005622

481A SW Outfall 481A

7/1/2001 TO 7/31/2001

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	556	559	MGD	*****	*****	*****	*****	0	1/Day	CALCTD
Effluent Gross Value	PERMIT REQUIREMENT	REPORT 01MOAV	REPORT 01DAMX		*****	*****	*****			1/Day	CALCTD
pH 00400 1	SAMPLE MEASUREMENT	*****	*****	*****	7.0	*****	7.5	SU	0	1/week	GRAB
Effluent Gross Value	PERMIT REQUIREMENT	*****	*****		6.0 01DAMN	*****	9.0 01DAMX			1/Week	GRAB
pH 00400 7	SAMPLE MEASUREMENT	*****	*****	*****	7.2	*****	7.7	SU	0	1/week	GRAB
Intake From Stream	PERMIT REQUIREMENT	*****	*****		REPORT 01DAMN	*****	REPORT 01DAMX			1/Week	GRAB
LC50 Fthd Minnow Static Defn TA1CA 1	SAMPLE MEASUREMENT	*****	*****	*****	CODE=N	*****	*****	%EFFL	0	CODE=N	CODE=N
Effluent Gross Value	PERMIT REQUIREMENT	*****	*****		50 01DAMN	*****	*****			1/Quarter	COMPOS
Chlorine, Total Residual 50060 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, Total Residual 50060 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
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: Your monitoring report forms have been converted to the Department's new NJ Environmental Management System (NJEMS). 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: **7/1/2001 - 7/31/2001**

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

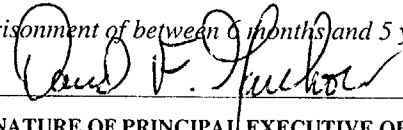
CHECK IF APPLICABLE: ☐ No Discharge this Monitoring Period

MONITORING REPORT COMMENTS: _____

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

(856) 339-6000
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DATE (MONTH / DAY / YEAR)

Surface Water Discharge Monitoring Report

PERMIT NUMBER:

MONITORED LOCATION:

MONITORING PERIOD:

FACILITY NAME:

NJ0005622

482A SW Outfall 482A

7/1/2001 TO 7/31/2001

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	510	529		*****	*****	*****		0	1/Day	CALCTD
Effluent Gross Value	PERMIT REQUIREMENT	REPORT 01MOAV	REPORT 01DAMX	MGD	*****	*****	*****	*****		1/Day	CALCTD
pH 00400 1	SAMPLE MEASUREMENT	*****	*****		6.9	*****	7.6		0	1/Week	GRAB
Effluent Gross Value	PERMIT REQUIREMENT	*****	*****	*****	6.0 01DAMN	*****	9.0 01DAMX	SU		1/Week	GRAB
pH 00400 7	SAMPLE MEASUREMENT	*****	*****		7.2	*****	7.7		0	1/Week	GRAB
Intake From Stream	PERMIT REQUIREMENT	*****	*****	*****	REPORT 01DAMN	*****	REPORT 01DAMX	SU		1/Week	GRAB
LC50 Fthd Minnow Static Defn TA1CA 1	SAMPLE MEASUREMENT	*****	*****		CODE= N	*****	*****		0	CODE= N	CODE= N
Effluent Gross Value	PERMIT REQUIREMENT	*****	*****	*****	50 01DAMN	*****	*****	%EFFL		1/Quarter	COMPOS
Chlorine, Total Residual 50060 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, Total Residual 50060 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
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

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Division of Water Quality

MONITORING REPORT SUBMITTAL FORM

NJPDES PERMIT NUMBER: NJ0005622
MONITORING REPORT TYPE: Surface Water Discharge
MONITORING PERIOD: 7/1/2001 - 7/31/2001

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
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Surface Water Discharge Monitoring Report

PERMIT NUMBER:

MONITORED LOCATION:

MONITORING PERIOD:

FACILITY NAME:

NJ0005622

483A SW Outfall 483A

7/1/2001 TO 7/31/2001

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 Effluent Gross Value	SAMPLE MEASUREMENT	534	539	MGD	*****	*****	*****	*****	0	1/Day	CALCTD
	PERMIT REQUIREMENT	REPORT 01MOAV	REPORT 01DAMX		*****	*****	*****			1/Day	CALCTD
pH 00400 1 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****	*****	7.0	*****	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	*****	*****	*****	7.2	*****	7.7	SU	0	1/week	GRAB
	PERMIT REQUIREMENT	*****	*****		REPORT 01DAMN	*****	REPORT 01DAMX			1/Week	GRAB
LC50 Fthd Minnow Static Defn TA1CA 1 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****	*****	CODE=N	*****	*****	%EFFL	0	CODE=N	CODE=N
	PERMIT REQUIREMENT	*****	*****		50 01DAMN	*****	*****			1/Quarter	COMPOS
Chlorine, Total Residual 50060 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, Total Residual 50060 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
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: Your monitoring report forms have been converted to the Department's new NJ Environmental Management System (NJEMS). 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: 7/1/2001 - 7/31/2001

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:

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

08/22/01

AREA CODE / TELEPHONE NUMBER

DATE (MONTH / DAY / YEAR)

PERMIT NUMBER:

MONITORED LOCATION:

MONITORING PERIOD:

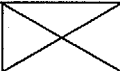
FACILITY NAME:

NJ0005622

484A SW Outfall 484A

7/1/2001 TO 7/31/2001

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	447	465	MGD	*****	*****	*****	*****	0	1/Day	CALCTD
Effluent Gross Value	PERMIT REQUIREMENT	REPORT 01MOAV	REPORT 01DAMX		*****	*****	*****			1/Day	CALCTD
pH 00400 1	SAMPLE MEASUREMENT	*****	*****	*****	7.4	*****	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	*****	*****	*****	7.2	*****	7.7	SU	0	1/Week	GRAB
Intake From Stream	PERMIT REQUIREMENT	*****	*****		REPORT 01DAMN	*****	REPORT 01DAMX			1/Week	GRAB
LC50 Fthd Minnow Static Defn TA1CA 1	SAMPLE MEASUREMENT	*****	*****	*****	CODE=N	*****	*****	%EFFL	0	CODE=N	CODE=N
Effluent Gross Value	PERMIT REQUIREMENT	*****	*****		50 01DAMN	*****	*****			1/Quarter	COMPOS
Chlorine, Total Residual 50060 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, Total Residual 50060 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
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: Your monitoring report forms have been converted to the Department's new NJ Environmental Management System (NJEMS). 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: 7/1/2001 - 7/31/2001

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: _____

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

08/22/01

DATE (MONTH / DAY / YEAR)

PERMIT NUMBER:

MONITORED LOCATION:

MONITORING PERIOD:

FACILITY NAME:

NJ0005622

485A SW Outfall 485A

7/1/2001 TO 7/31/2001

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 Effluent Gross Value	SAMPLE MEASUREMENT	417	419	MGD	*****	*****	*****	*****	0	1/Day	CALCTD
	PERMIT REQUIREMENT	REPORT 01MOAV	REPORT 01DAMX		*****	*****	*****				
pH 00400 1 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****	*****	7.4	*****	7.6	SU	0	1/Week	GRAB
	PERMIT REQUIREMENT	*****	*****		6.0 01DAMN	*****	9.0 01DAMX				
pH 00400 7 Intake From Stream	SAMPLE MEASUREMENT	*****	*****	*****	7.2	*****	7.7	SU	0	1/Week	GRAB
	PERMIT REQUIREMENT	*****	*****		REPORT 01DAMN	*****	REPORT 01DAMX				
LC50 Fthd Minnow Static Defn TA1CA 1 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****	*****	7100	*****	*****	%EFFL	0	1/Quarter	COMPOS
	PERMIT REQUIREMENT	*****	*****		50 01DAMN	*****	*****				
Chlorine, Total Residual 50060 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				
Chlorine, Total Residual 50060 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				
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: Your monitoring report forms have been converted to the Department's new NJ Environmental Management System (NJEMS). 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: 7/1/2001 - 7/31/2001

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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SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

(856) 339-6000

08/22/01

AREA CODE / TELEPHONE NUMBER

DATE (MONTH / DAY / YEAR)

Surface Water Discharge Monitoring Report

PERMIT NUMBER:

MONITORED LOCATION:

MONITORING PERIOD:

FACILITY NAME:

NJ0005622

486A SW Outfall 486A

7/1/2001 TO 7/31/2001

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 Effluent Gross Value	SAMPLE MEASUREMENT	502	505		*****	*****	*****		0	1/Day	CALCTD
	PERMIT REQUIREMENT	REPORT 01MOAV	REPORT 01DAMX	MGD	*****	*****	*****	*****		1/Day	CALCTD
pH 00400 1 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****		7.4	*****	7.6		0	1/week	GRAB
	PERMIT REQUIREMENT	*****	*****	*****	6.0 01DAMN	*****	9.0 01DAMX	SU		1/Week	GRAB
pH 00400 7 Intake From Stream	SAMPLE MEASUREMENT	*****	*****		7.2	*****	7.7		0	1/week	GRAB
	PERMIT REQUIREMENT	*****	*****	*****	REPORT 01DAMN	*****	REPORT 01DAMX	SU		1/Week	GRAB
LC50 Fthd Minnow Static Defn TA1CA 1 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****		CODE=N	*****	*****		0	CODE=N	CODE=N
	PERMIT REQUIREMENT	*****	*****	*****	50 01DAMN	*****	*****	%EFFL		1/Quarter	COMPOS
Chlorine, Total Residual 50060 1 Effluent Gross Value Option 1	SAMPLE MEASUREMENT	*****	*****		*****	CODE=N	CODE=N		0	CODE=N	CODE=N
	PERMIT REQUIREMENT	*****	*****	*****	*****	0.3 01MOAV	0.5 01DAMX	MG/L		3/Week	GRAB
Chlorine, Total Residual 50060 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
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: Your monitoring report forms have been converted to the Department's new NJ Environmental Management System (NJEMS). 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: 7/1/2001 - 7/31/2001

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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(856) 339-6000

AREA CODE / TELEPHONE NUMBER

08/22/01

DATE (MONTH / DAY / YEAR)

Surface Water Discharge Monitoring Report

PERMIT NUMBER:

MONITORED LOCATION:

MONITORING PERIOD:

FACILITY NAME:

NJ0005622

487B SW Outfall 487B

7/1/2001 TO 7/31/2001

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											
Effluent Gross Value	PERMIT REQUIREMENT	*****	*****	*****	6.0 01DAMN	*****	9.0 01DAMX	SU		1/Batch	GRAB
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 #	SAMPLE MEASUREMENT										
99999 99											
Lab	PERMIT REQUIREMENT	REPORT Lab #	REPORT Lab #		REPORT Lab #	REPORT Lab #	REPORT Lab #			Not Applic	NOT AP

Comments: Your monitoring report forms have been converted to the Department's new NJ Environmental Management System (NJEMS). 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: 7/1/2001 - 7/31/2001

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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(856) 339-6000

AREA CODE / TELEPHONE NUMBER

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

08/22/01

DATE (MONTH / DAY / YEAR)

Surface Water Discharge Monitoring Report

PERMIT NUMBER:

MONITORED LOCATION:

MONITORING PERIOD:

FACILITY NAME:

NJ0005622

489A SW Outfall 489A

7/1/2001 TO 7/31/2001

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 Effluent Gross Value	SAMPLE MEASUREMENT	0.0390	0.0390	MGD	*****	*****	*****	*****	0	1/Month	CALC'D
	PERMIT REQUIREMENT	REPORT 01MOAV	REPORT 01DAMX		*****	*****	*****			1/Month	CALC'D
pH 00400 1 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****	*****	7.6	*****	7.6	SU	0	1/Month	GRAB
	PERMIT REQUIREMENT	*****	*****		6.0 01DAMN	*****	9.0 01DAMX			1/Month	GRAB
Solids, Total Suspended 00530 1 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****	*****	9	9	9	MG/L	0	1/Month	GRAB
	PERMIT REQUIREMENT	*****	*****		100 01DAMX	30 01MOAV	45 01WKAV			1/Month	GRAB
Petroleum Hydrocarbons 00551 1 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****	*****	*****	<0.5	<0.5	MG/L	0	1/Month	GRAB
	PERMIT REQUIREMENT	*****	*****		*****	10 01MOAV	15 01DAMX			1/Month	GRAB
Carbon, Tot Organic (TOC) 00680 1 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****	*****	*****	9	9	MG/L	0	1/Month	GRAB
	PERMIT REQUIREMENT	*****	*****		*****	REPORT 01MOAV	50 01DAMX			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: Your monitoring report forms have been converted to the Department's new NJ Environmental Management System (NJEMS). 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".