



MAR 19 2004

LR-E04-0132

CERTIFIED MAIL
RETURN RECEIPT REQUESTED
ARTICLE NUMBER: 7003 0500 0003 4363 7759

Department of Environmental Protection
Division of Water Quality
Bureau of Permit Management
P.O. Box 029
Trenton, N.J. 08625-0029

**PSEG NUCLEAR LLC
HOPE CREEK GENERATING STATION
NJPDES PERMIT NJ0025411
SURFACE WATER DISCHARGE WASTE CHARACTERIZATION REPORT**

In accordance with Part III, Sections C and D of the above-referenced NJPDES permit, PSEG Nuclear is submitting the Surface Water Discharge Waste Characterization Reports for DSN's 461C and 462B for the permit quarter ending February 29, 2004. This is the final report required by the permit.

If you have any questions concerning these reports, please feel free to contact Mr. David Hurka at (856) 339-1275.

Sincerely,

John Carlin
Vice President – Nuclear Assessments

Attachments

C Executive Director, DRBC

Document Control Desk
USNRC - Docket number 50-354

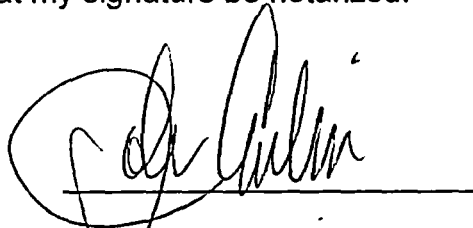
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MAR 19 2004

COUNTY OF SALEM
STATE OF NEW JERSEY

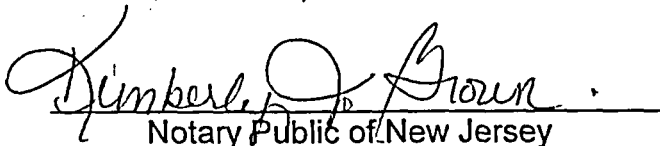
I, John Carlin, of full age, being duly sworn according to law, upon my oath depose and say:

1. I am the Vice President, Nuclear Assessments for PSEG Nuclear, and as such am authorized to sign Hope Creek's Surface Water Discharge Waste Characterization Reports submitted to the New Jersey Department of Environmental Protection pursuant to the Station's New Jersey Pollutant Discharge Elimination System permit.
2. 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 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.
3. The signature on the attached Surface Water Discharge Waste Characterization Reports is my signature and I am submitting this affidavit in satisfaction of the requirement that my signature be notarized.



John Carlin
Vice President – Nuclear Assessments

Subscribed and Sworn to before me
this 19 day of March, 2004.



Notary Public of New Jersey

My Commission expires on _____ Kimberly J. Brown
Notary Public - New Jersey
My Commission Expires June 16, 2008

New Jersey Department of Environmental Protection
 Division of Water Quality

PI 46815

Surface Water Discharge Waste Characterization Report Submittal Form

NJPDES PERMIT NJ0025411	MONITORING PERIOD						MONITORED LOCATION: 461C - DSN 461C - DSW i
	Month 12	Day 1	Year 2003	To	Month 2	Day 29	

PERMITTEE:

PSEG NUCLEAR LLC
 PO BOX 236/N21
 ALLOWAY CREEK NECK RD
 HANCOCKS BRIDGE, NJ 08038

LOCATION OF ACTIVITY:

HOPE CREEK GENERATING
 STATION
 ARTIFICIAL ISLAND
 FOOT OF BUTTONWOOD RD
 LOWER ALLOWAYS CREEK, NJ
 08038-0000

REPORT RECIPIENT:

PSE&G
 P.O. BOX 236/N21
 HANCOCKS BRIDGE, NJ 08038

REGION / COUNTY: Southern / Salem County

CHECK IF APPLICABLE: No Discharge this Monitoring Period Monitoring Report Comments Attached

WHO MUST SIGN The highest ranking official having day-to-day managerial and operational responsibilities for the discharging facility shall sign the certification or, in his absence a person designated by that person. For a local agency, the highest ranking operator of the treatment works shall sign the certification. Where the highest ranking operator does not have the ability to authorize capital expenditures and hire personnel, a person having that responsibility or person designated by that person shall also sign the second certification at the bottom of this page. If the local agency has contracted with another entity to operate the treatment works, the highest-ranking official of the contracted entity shall sign the certification.

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 immediately responsible for obtaining the information, I believe that the information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and/or imprisonment, pursuant to N.J.A.C. 7:14A-6.9(B). The New Jersey Water Pollution Control Act provides for penalties up to \$50,000 per violation.

John Carlin VP-Nuclear Assessments
 NAME AND TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

[Signature]
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

GRADE AND REGISTRY NUMBER (IF APPLICABLE)

3/19/04 856 339 5500
 DATE (MONTH / DAY / YEAR) AREA CODE / TELEPHONE NUMBER

**For a local agency where the highest ranking operator does not have the ability to authorize capital expenditures and hire personnel, a person having that responsibility or person designated by that person shall sign the following certification:*

I certify under penalty of law and in accordance with N.J.S.A. 58:10A-6F(5) that I have received and reviewed the attached discharge monitoring reports.

NAME AND TITLE

SIGNATURE

DATE

AREA CODE/PHONE NUMBER

Surface Water Discharge Waste Characterization Report PI 46815

PERMIT NUMBER: NJ0025411
MONITORED LOCATION: 461C DSN 461C - DSW Intern
MONITORING PERIOD: 12/1/2003 TO 2/29/2004
FACILITY NAME: HOPE CREEK GENERATING STATION

SAMPLE DATE OF REPORT: 1/14/04

PARAMETER	REPORTED VALUE	UNITS	REMARK CODE	SAMPLE TYPE
Nitrogen, Ammonia Total (as N) 00610 Effluent Gross Value	0.067	UG/L		COMP24
Zinc, Total Recoverable 01094 Effluent Gross Value	57.5	UG/L		COMP24
Cadmium, Total Recoverable 01113 Effluent Gross Value	0.104	UG/L	56	COMP24
Copper, Total Recoverable 01119 Effluent Gross Value	13.2	UG/L		COMP24
Lab Certification # 99999 Lab	CT 410			NOT AP
Lab Certification # 99999 Lab	WA 004			NOT AP
Lab Certification # 99999 Lab				NOT AP
Lab Certification # 99999 Lab				NOT AP
Lab Certification # 99999 Lab				NOT AP

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

New Jersey Department of Environmental Protection
Division of Water Quality

PI 46815

Surface Water Discharge Waste Characterization Report Submittal Form

NJPDES PERMIT	MONITORING PERIOD						MONITORED LOCATION:	
	Month	Day	Year	To	Month	Day		Year
NJ0025411	12	1	2003		2	29	2004	462B - dsn 462B - dsw out

PERMITTEE:

PSEG NUCLEAR LLC
PO BOX 236/N21
ALLOWAY CREEK NECK RD
HANCOCKS BRIDGE, NJ 08038

LOCATION OF ACTIVITY:

HOPE CREEK GENERATING
STATION
ARTIFICIAL ISLAND
FOOT OF BUTTONWOOD RD
LOWER ALLOWAYS CREEK, NJ
08038-0000

REPORT RECIPIENT:

PSE&G
P.O. BOX 236/N21
HANCOCKS BRIDGE, NJ 08038

REGION / COUNTY: Southern / Salem County

CHECK IF APPLICABLE: No Discharge this Monitoring Period Monitoring Report Comments Attached

WHO MUST SIGN The highest ranking official having day-to-day managerial and operational responsibilities for the discharging facility shall sign the certification or, in his absence a person designated by that person. For a local agency, the highest ranking operator of the treatment works shall sign the certification. Where the highest ranking operator does not have the ability to authorize capital expenditures and hire personnel, a person having that responsibility or person designated by that person shall also sign the second certification at the bottom of this page. If the local agency has contracted with another entity to operate the treatment works, the highest-ranking official of the contracted entity shall sign the certification.

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 immediately responsible for obtaining the information, I believe that the information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and/or imprisonment, pursuant to N.J.A.C. 7:14A-6.9(B). The New Jersey Water Pollution Control Act provides for penalties up to \$50,000 per violation.

John Carlin, PUP - Nuclear Assessments
NAME AND TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

GRADE AND REGISTRY NUMBER (IF APPLICABLE)

3/19/04 DATE (MONTH/DAY/YEAR)

856 339 5500
610 925 6900 AREA CODE / TELEPHONE NUMBER

[Signature]
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

*For a local agency where the highest ranking operator does not have the ability to authorize capital expenditures and hire personnel, a person having that responsibility or person designated by that person shall sign the following certification:

I certify under penalty of law and in accordance with N.J.S.A. 58:10A-6F(5) that I have received and reviewed the attached discharge monitoring reports.

NAME AND TITLE _____ SIGNATURE _____

DATE _____ AREA CODE/PHONE NUMBER _____

Surface Water Discharge Waste Characterization Report PI 46815

PERMIT NUMBER: NJ0025411
MONITORED LOCATION: 462B dsn 462B - dsw outfall
MONITORING PERIOD: 12/1/2003 TO 2/29/2004
FACILITY NAME: HOPE CREEK GENERATING STATION

SAMPLE DATE OF REPORT: 1/14/04

PARAMETER	REPORTED VALUE	UNITS	REMARK CODE	SAMPLE TYPE
Cyanide, Total (as CN) 00720 Effluent Gross Value	8.0	UG/L	6	GRAB
Nickel, Total Recoverable 01074 Effluent Gross Value	1.48	UG/L	J	COMP24
Zinc, Total Recoverable 01094 Effluent Gross Value	56.1	UG/L		COMP24
Cadmium, Total Recoverable 01113 Effluent Gross Value	0.126	UG/L	J6	COMP24
Chromium, Total Recoverable 01118 Effluent Gross Value	1.78	UG/L	J	COMP24
Copper, Total Recoverable 01119 Effluent Gross Value	47.3	UG/L		COMP24
Lab Certification # 99999 Lab	CT 410			NOT AP
Lab Certification # 99999 Lab	WA 004			NOT AP
Lab Certification # 99999 Lab				NOT AP
Lab Certification # 99999 Lab				NOT AP
Lab Certification # 99999 Lab				NOT AP

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