

SEP 2 5 2003



LR-E03-0412

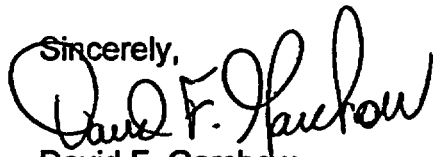
**CERTIFIED MAIL
RETURN RECEIPT REQUESTED
ARTICLE NUMBER: 7001 1140 0002 6726 6623**

**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 Waste Characterization Reports for DSN's 461C and 462B for the permit quarter ending August 31, 2003.

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

Sincerely,

David F. Garchow
Vice President – Projects and Licensing

Attachments

C Executive Director, DRBC

**Document Control Desk
USNRC - Docket number 50-354**

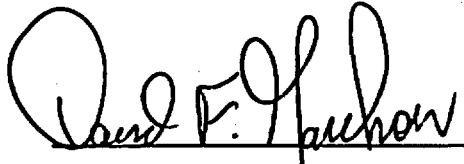
C001

SEP 25 2003

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, Projects and Licensing for PSEG Nuclear, and as such am authorized to sign Hope Creek's 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 Waste Characterization 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 – Projects and Licensing

Subscribed and Sworn to before me
this 24 day of Sept., 2003.



Notary Public of New Jersey

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

My Commission expires on _____

New Jersey Department of Environmental Protection
Division of Water Quality
Surface Water Discharge Waste Characterization Report Submittal Form

PI 46815

NJPDES PERMIT	MONITORING PERIOD						MONITORED LOCATION:	
NJ0025411	Month	Day	Year	To	Month	Day	Year	461C - DSN 461C - DSW i
	6	1	2003		8	31	2003	

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.

David F. Garchow VP Projects & Licensing
NAME AND TITLE OF PRINCIPAL EXECUTIVE OFFICER OR
AUTHORIZED AGENT

GRADE AND REGISTRY NUMBER (IF APPLICABLE)

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

09/25/03
DATE (MONTH / DAY
/ YEAR)

856 339-3250
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: 6/1/2003 TO 8/31/2003 FACILITY NAME: HOPE CREEK GENERATING STATION

SAMPLE DATE OF REPORT: 7/16/2003

PARAMETER	REPORTED VALUE	UNITS	REMARK CODE	SAMPLE TYPE
Nitrogen, Ammonia Total (as N) 00610 Effluent Gross Value	0.97	UG/L		COMP24
Zinc, Total Recoverable 01094 Effluent Gross Value	48.8	UG/L		COMP24
Cadmium, Total Recoverable 01113 Effluent Gross Value	0.435	UG/L	J	COMP24
Copper, Total Recoverable 01119 Effluent Gross Value	190	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 - 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
Surface Water Discharge Waste Characterization Report Submittal Form

PI 46815

NJPDDES PERMIT NJ0025411	MONITORING PERIOD						MONITORED LOCATION: 462B - dsn 462B - dsw out	
	Month	Day	Year	To	Month	Day		Year
	6	1	2003		8	31		2003

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.

David F. Garchow VP Licensing & Permits

NAME AND TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

GRADE AND REGISTRY NUMBER (IF APPLICABLE)

David F. Garchow

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

09/25/03

DATE (MONTH / DAY / YEAR)

856 339-3250

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: 462B dsn 462B - dsw outfall
MONITORING PERIOD: 6/1/2003 TO 8/31/2003
FACILITY NAME: HOPE CREEK GENERATING STATION

SAMPLE DATE OF REPORT: 7/16/2003

PARAMETER	REPORTED VALUE	UNITS	REMARK CODE	SAMPLE TYPE
Cyanide, Total (as CN) 00720 Effluent Gross Value	ND	UG/L	J	GRAB
Nickel, Total Recoverable 01074 Effluent Gross Value	3.20	UG/L	J	COMP24
Zinc, Total Recoverable 01094 Effluent Gross Value	130.8	UG/L		COMP24
Cadmium, Total Recoverable 01113 Effluent Gross Value	0.207	UG/L	J	COMP24
Chromium, Total Recoverable 01118 Effluent Gross Value	1.00	UG/L	J	COMP24
Copper, Total Recoverable 01119 Effluent Gross Value	49.1	UG/L		COMP24
Lab Certification # 99999 Lab	CT410			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".