



Public Service Electric and Gas Company P.O. Box 236 Hancocks Bridge, New Jersey 08038-0236

Nuclear Business Unit

CERTIFIED MAIL  
RETURN RECEIPT REQUESTED  
ARTICLE NUMBER: P 462 769 856

LR-E970282  
MAY 06 1997

Bureau of Discharge Prevention,  
New Jersey Department of Environmental Protection  
401 East State Street  
CN-027  
Trenton, New Jersey 08625-0027

To Whom It May Concern:

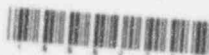
**PUBLIC SERVICE ELECTRIC AND GAS COMPANY  
HOPE CREEK GENERATING STATION  
CASE NO. 97-4-11-1013-46  
DISCHARGE CONFIRMATION REPORT - CLOSEOUT**

In accordance with NJAC 7:1E-5, enclosed is Public Service Electric and Gas Company's (PSE&G) report confirming the discharge of approximately one pint of Spartan 220 lubricating oil to the Delaware River at the Hope Creek Generating Station's Service Water Intake Structure. The discharge was from a trash rake gear box which accidentally cracked during maintenance activities. As a result of this discharge, oil sorbent booms were deployed to contain the discharge to the intake bay area. Also, involved personnel were briefed on the importance of attention to detail especially while moving large equipment.

This discharge was reported to the New Jersey Department of Environmental Protection (NJDEP) Hotline and assigned Case No. 97-4-11-1013-46 by Operator No. 24. As the discharge of lubricating oil to a navigable waterway is regulated under 40 CFR 112, notification of this discharge was also made to the U.S. Coast Guard via EPA's National Response Center. The National Response Center assigned Case No. 383-327. As required under 10 CFR 50.72, Significant Events, the Nuclear Regulatory Commission (NRC) was also notified.

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The power is in your hands.

NJDEP  
LR-E970282

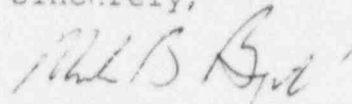
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MAY 06 1997

In making this notification, PSE&G maintains that it has acted in accordance with the intent of NJAC 7:1E-5, which requires all major facilities to notify the NJDEP of discharges of petroleum and other potentially hazardous substances in any concentration, and 40 CFR 112, which requires reporting of discharges of oil to navigable waterways.

Should you have any questions concerning this information, or require additional information, please contact Ms. Jude Schloss of Licensing & Regulation at (609) 339-1074.

Sincerely,



M. B. Bezilla  
General Manager -  
Hope Creek Operations

C Salem County Department of Health  
98 Market Street  
Salem, NJ 08079  
Attention: Mr. James Wagner

Nuclear Regulatory Commission  
Document Control Desk  
Washington, DC 20555

U.S. Coast Guard  
Marine Safety Office/Group Philadelphia  
One Washington Avenue  
Philadelphia, PA 19147-4395

CERTIFICATION

STATE OF NEW JERSEY:

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COUNTY OF SALEM:

I certify under penalty of law that the information provided in this document is, to the best of my knowledge, true, accurate and complete. I am aware that there are significant civil and criminal penalties, including the possibility of fines or imprisonment or both, for submitting false, inaccurate or incomplete information.

M. B. Bezilla  
M. B. Bezilla  
General Manager -  
Hope Creek Operations

Sworn and subscribed before me  
on this 5<sup>th</sup> day of May, 1997.

Jennifer M. Turner  
Notary Public

My Commission Expires \_\_\_\_\_

JENNIFER M. TURNER  
NOTARY PUBLIC OF NEW JERSEY  
My Commission Expires July 25, 2000

DISCHARGE CONFIRMATION REPORT  
CASE NO. 97-4-11-1013-46

INDIVIDUAL REPORTING DISCHARGE:

Harlan Hanson, Jr.  
Operations Superintendent  
Public Service Electric and Gas  
P. O. Box 236, M/C H01  
Hancocks Bridge, New Jersey 08038  
(609) 339-3005

INDIVIDUAL SUBMITTING CONFIRMATION REPORT:

M. B. Bezilla  
GM - Hope Creek Operations  
Public Service Electric and Gas  
P. O. Box 236, M/C H07  
Hancocks Bridge, New Jersey 08038  
(609) 339-3463

FACILITY OWNER/OPERATOR:

Public Service Electric and Gas Co.  
P. O. Box 570-17G  
Newark, New Jersey 07101-0570  
(201) 430-5868

INDIVIDUAL(S) RESPONSIBLE FOR THE DISCHARGE:

M. B. Bezilla  
GM - Hope Creek Operations  
Public Service Electric and Gas  
Licensing and Regulation  
P. O. Box 236, M/C H07  
Hancocks Bridge, New Jersey 08038  
(609) 339-3463

DISCHARGE SOURCE:

Spartan 220 lubricating oil was discharge to the Delaware River when the trash rack gearbox cracked upon impact of the trash rack's motor with a protruding scaffold clamp attached to a personnel safety handrail/fence.

DISCHARGE CONFIRMATION REPORT  
CASE NO. 97-4-11-1013-46

DISCHARGE LOCATION:

Hope Creek Generating Station  
End of Alloway Creek Neck Road  
Block No: 26  
Lot No: 4  
Municipality: Lower Alloways Creek Township  
County: Salem County  
Zip Code: 08038  
Tax ID No: 22-1212-800  
EPA ID No: NJD077070811  
(Map enclosed - Figure 1)

CHEMICAL DISCHARGED:

Exxon Spartan 220 (Lubricating Oil)  
CAS Number: 64742-54-7 or 64742-65-0 or 64742-62-7  
(as specified on MSDS, dated 4/10/86)

QUANTITY DISCHARGED:	<1 pint
DATE/TIME DISCHARGE BEGAN:	April 11, 1997 (approx. 10:00 am)
DATE/TIME DISCHARGE ENDED:	April 11, 1997 (approx. 10:00 am)
DATE/TIME DISCHARGE DISCOVERED:	April 11, 1997 (approx. 10:00 am)
DATE/TIME DISCHARGE REPORTED:	April 11, 1997 (approx. 10:13 am)

DISCHARGE SCENARIO:

On the east side of Hope Creek's Service Water Intake (river side), there is a "trash rake" utilized to remove debris from the intake bays, if necessary. While maintenance personnel were moving the trash rack, the gear box was accidentally cracked when the trash rake motor hit a scaffold clamp with protruding screws on a handrail. The handrail or fence is utilized to protect personnel when the deckplates are removed from the intake structure. The motor is cantilevered from the gearbox. When the gearbox cracked approximately one pint of Spartan 220 lubricating oil leaked out. Maintenance personnel immediately contained the gearbox with a bucket and absorbent material, however, some oil was discharged to the Delaware River.

DISCHARGE CONFIRMATION REPORT  
CASE NO. 97-4-11-1013-46

MEASURES TAKEN TO CONTAIN, CLEANUP AND REMOVE THE DISCHARGE:

Maintenance personnel immediately contained the leaking gearbox utilizing a bucket and absorbent material. Notification was then made to personnel supervisor and internal First Responders. Oil sorbent boom was deployed to contain the discharge within the intake bay area. Individual booms were then placed within each intake bay. Debris and booms were removed and properly disposed of via normal trash.

CORRECTIVE MEASURES:

Based upon the discharge scenario, Maintenance personnel were briefed on the importance of attention to detail especially while working with large equipment.

INDIVIDUAL(S) INVOLVED IN CONTAINMENT/CLEANUP:

The individuals responsible for the containment and cleanup of any contaminated material are:

J. E. Schloss  
Lead Engineer  
Public Service Electric and Gas  
Licensing and Regulation  
P. O. Box 236, M/C N21  
Hancocks Bridge, New Jersey 08038  
(609) 339-1034

A. W. Fisher  
Yard Supervisor  
Public Service Electric and Gas  
Site Services Maintenance  
P. O. Box 236, M/C X12  
Hancocks Bridge, New Jersey 08038  
(609) 339-1601

TYPE, QUANTITY, LOCATION AND DATE OF SAMPLES:

Not applicable

FINANCIAL RESPONSIBILITY:

PSE&G satisfies the requirements for self-insurance established by NJAC 7:1E-4.5(g) and has included appropriate documentation of this in its Discharge Cleanup and Removal (DCR) Plan as required by NJAC 7:1E-4.4(a)g.



FIGURE 1

