



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

Nuclear Department

CERTIFIED MAIL  
RETURN RECEIPT REQUESTED  
ARTICLE NUMBER: P 632 876 100

JUL 08 1992  
NLR-E92184

Bureau of Discharge Prevention  
New Jersey Department of Environmental Protection and Energy  
401 East State Street  
CN 027  
Trenton, New Jersey 08625-0027  
Attention: Discharge Confirmation Report

To Whom It May Concern:

DISCHARGE OF HYDRAULIC OIL  
PUBLIC SERVICE ELECTRIC AND GAS COMPANY (PSE&G) ARTIFICIAL ISLAND  
CASE #92-06-08-1318-08  
30-DAY CONFIRMATION REPORT

As per the requirements of NJAC 7:1E-5.8, PSE&G has prepared a report (attached) confirming the discharge to the ground of 10 gallons of hydraulic oil on the access road west of the cooling tower at Hope Creek Generating Station on June 8, 1992. The discharge occurred entirely within PSE&G property, and no injuries resulted.

Since there is no "Reportable Quantity" (RQ) for hydraulic oil under 40 CFR 302.4, no notification of the release was reported to any other agency other than the New Jersey Department of Environmental Protection and Energy (NJDEPE) and the Nuclear Regulatory Commission (NRC), as required under 10 CFR 50.72, Significant Events.

PSE&G, in making this notification, believes that it acted in accordance with the intent of NJAC 7:1E, Subchapter 5, which requires all major facilities to notify NJDEPE of discharges of petroleum and other potentially hazardous substances. As a result of this discharge, PSE&G has conducted a follow-up investigation of the incident and has implemented steps to prevent recurrence of this event.

9207170207 920708  
PDR ADOCK 05000354  
S PDR

The Energy People

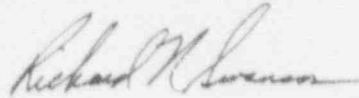
NJDEPE  
NLR-E92184

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JUL 08 1992

Should you have any questions concerning the information contained herein, or require additional information, please contact Mr. Donald Bowman of Licensing and Regulation at (609) 339-1477.

Sincerely,



Richard N. Swanson  
General Manager -  
Engineering and Plant Betterment

Attachment

NJDEPE  
NLR-E92184

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JUL 08 1992

C New Jersey Department of Environmental Protection and Energy  
Division of Responsible Party Site Remediation  
Southern Regional Enforcement  
20 E. Clementon Road  
Gibbsboro, New Jersey 08026

United States Nuclear Regulatory Commission  
Document Control Desk  
Washington, DC 20555

Salem County Department of Health  
98 Market Street  
Salem, New Jersey 08079  
Attention: Mr. James Warner  
Senior Sanitary Inspector

ATTACHMENT 1

DISCHARGE CONFIRMATION REPORT - SUPPLEMENTAL INFORMATION  
RELATED TO THE DISCHARGE OF HYDRAULIC OIL WEST OF THE  
COOLING TOWER AT HOPE CREEK GENERATING STATION  
CASE #92-06-08-1318-08

INDIVIDUAL REPORTING DISCHARGE:

A. E. Faulkner  
Senior Nuclear Shift Supervisor  
Public Service Electric and Gas Company  
Hope Creek Generating Station  
P.O. Box 236, M/C H01  
Hancock's Bridge, New Jersey 08038  
(609) 339-3027

INDIVIDUAL SUBMITTING CONFIRMATION REPORT:

R. N. Swanson  
General Manager - Engineering and Plant Betterment  
Public Service Electric and Gas Company  
Nuclear Department  
P.O. Box 236, M/C N19  
Hancock's Bridge, New Jersey 08038  
(609) 339-1700

INDIVIDUALS RESPONSIBLE FOR THE DISCHARGE:

A. Aldridge  
Site Manager  
Bechtel Construction  
P.O. Box B  
Hancock's Bridge, New Jersey 08038  
(609) 339-2512

R. N. Swanson  
General Manager - Engineering and Plant Betterment  
Public Service Electric and Gas Company  
Nuclear Department  
P.O. Box 236, M/C N19  
Hancock's Bridge, New Jersey 08038  
(609) 339-1700

FACILITY OWNER/OPERATOR:

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

ATTACHMENT 1 (continued)

DISCHARGE CONFIRMATION REPORT - SUPPLEMENTAL INFORMATION  
RELATED TO THE DISCHARGE OF HYDRAULIC OIL WEST OF THE  
COOLING TOWER AT HOPE CREEK GENERATING STATION  
CASE #92-06-08-1318-08

DISCHARGE SOURCE:

Hydraulic system on 20 ton crane

The hydraulic system failed on a 20 ton mobile crane on the  
access road west of the Hope Creek cooling tower. Hydraulic oil  
leaked to the ground.

DISCHARGE LOCATION:

Hope Creek Generating Station  
End of Buttonwood Road  
Block: 26  
Lot: 4  
Municipality: Hancock's Bridge  
County: Salem  
Zip Code: 08038  
Tax No.: 22-1212-800  
EPA ID No.: NJD077070811  
(Map Enclosed - see Figure 1)

CHEMICAL DISCHARGED:

Hydraulic oil  
CAS # 64742-54-7 or 64742-65-0 or 64741-97-5

QUANTITY DISCHARGED:	10 gallons
DATE/TIME DISCHARGE BEGAN:	June 8, 1992 1310 hours
DATE/TIME DISCHARGE DISCOVERED:	June 8, 1992 1315 hours
DATE/TIME DISCHARGE ENDED:	June 8, 1992 1315 hours
DATE/TIME DISCHARGE REPORTED: (to NJDEPE Hotline)	June 8, 1992 1318 hours



586°42'24"E

259.18'

2121.00'

N05°43'05"W

1135.05'

CH=88°28'35"W 7558.40'

2434'

2425'

P.S.E.&G. CO.  
BLOCK 26  
LOT 4  
173.56 ACS.  
INDUSTRY GENERAL

S03°10'36"E

2598.11'

50' WIDE EASEMENT  
UNITED STATES CORPS OF ENGINEERS

TO NEW JERSEY DELAWARE BOUNDARY

Discharge Location

COOLING TOWER

CONC. APRON  
CONC. RAMP

CONC. RAMP

1244'

LAYOUT YARD

CHANGE HOUSE

DELAWARE RIVER

CONC. RAMP

CONC. APRON

HOPE CREEK  
GENERATING STATION  
LOT 4

S05°12'36"E

382.60'

HOPE CREEK SWITCHING STATION

R=5826.15' ARC=2589.55'

S05°58'36"E

611.01'

1122°36'W

939.35'

1122°36'W

SALEM GENERATING STATION

P.S.E.&G. CO., et al.  
BLOCK 26  
LOT 5.04  
10.72 ACS.  
INDUSTRY GENERAL

ATTACHMENT 1 (continued)

DISCHARGE CONFIRMATION REPORT - SUPPLEMENTAL INFORMATION  
RELATED TO THE DISCHARGE OF HYDRAULIC OIL WEST OF THE  
COOLING TOWER AT HOPE CREEK GENERATING STATION  
CASE #92-06-08-1318-08

MEASURES TAKEN TO CONTAIN, CLEANUP AND REMOVE THE DISCHARGE:

Immediate response by Bechtel and PSE&G Site Services personnel contained the area of contamination to approximately 40 square feet. Bechtel personnel promptly excavated the soil around the discharge (approximately 29.6 cubic feet) and placed it into drums for disposal. This was completed by 1600 on June 8.

The drums shall be disposed of by PSE&G as hazardous waste at a licensed disposal facility within 90 days of generation in accordance with N.J.A.C. 7:26-9.3. The estimated cost for cleanup and disposal of the contaminated material is \$2780.

CORRECTIVE MEASURES:

Subsequent investigation identified broken hydraulic lines to the rear outrigger cylinders of the crane as the cause of the spill. The hydraulic lines have been replaced.

INDIVIDUAL INVOLVED IN CONTAINMENT/CLEANUP:

A. Aldridge  
Site Manager  
Bechtel Construction  
P.O. Box B  
Hancock's Bridge, New Jersey 08038  
(609) 339-2512

J. G. Sterner  
Yard Supervisor  
Site Services Maintenance  
Public Service Electric and Gas Company  
Nuclear Department  
P.O. Box 236, M/C N34  
Hancock's Bridge, New Jersey 08038  
(609) 339-5338

ATTACHMENT 1 (continued)

DISCHARGE CONFIRMATION REPORT - SUPPLEMENTAL INFORMATION  
RELATED TO THE DISCHARGE OF HYDRAULIC OIL WEST OF THE  
COOLING TOWER AT HOPE CREEK GENERATING STATION  
CASE #92-06-08-1318-08

TYPE, QUANTITY, LOCATION AND DATE OF SAMPLES:

No laboratory data was collected for this discharge.

INDIVIDUAL CONDUCTING ANALYSIS: Not applicable.

QUALITY ASSURANCE PROCEDURES: Not applicable.

SAMPLE METHODOLOGY: Not applicable.

RATIONALE FOR SAMPLING LOCATION: Not applicable.

FINANCIAL RESPONSIBILITY:

PSE&G satisfies the requirements for self-insurance established  
by N.J.A.C. 7:1E-4.5(g) and will include appropriate  
documentation of this in its Discharge Cleanup and Removal (DCR)  
Plan as required by N.J.A.C. 7:1E-4.4(a)9.




CERTIFICATION

State of New Jersey:                    ss  
County of Salem                    :

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



Sworn and subscribed before me  
on this 8<sup>th</sup> day of July, 1992.

  
Notary Public

KIMBERLY A. HILL  
NOTARY PUBLIC OF NEW JERSEY  
My Commission Expires March 9, 1997