

MAY 05 2018



HCH-2018-024

Department of Environmental Protection
Office of Permit Management
Division of Water Quality
PO Box 420
Trenton, N.J. 08625-0420

**NEW JERSEY POLLUTANT DISCHARGE ELIMINATION SYSTEM
RESIDUALS DISCHARGE MONITORING REPORT
SL1A STP MONITORING SYSTEM
HOPE CREEK GENERATING STATION
NJPDES PERMIT NJG0256773**

Dear Sir or Madam:

Attached is the Residuals Discharge Monitoring Report for the Hope Creek Generating Station for the year of 2017. Also included are the Residuals Waste Characterization Report and the Residuals Transfer Submittal Report of 2017. There were no discharges or transfers of Sludge under this permit. All Sludge was processed as radioactive waste.

This report is required by and prepared specifically for 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 are controlled by the EPA and the 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 that 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.

If you have any questions concerning this report, please feel free to contact Geoffrey Zeiger at (856) 339-2080.

The Discharge Monitoring Report for Hope Creek Generating Station is now submitted and certified electronically to the NJDEP. This document contains a copy of the Monitoring Report Submittal Forms.

IEZS
NRR

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NJPDES DMR

Attachments

C Executive Director, DRBC
USNRC - Docket number 50-354

EXPLANATION OF CONDITIONS

For 2017

The following explanations are included to clarify possible deviation from permit conditions.

General - The columns labeled "No. Ex" on the enclosed DMR tabulate the number of daily discharge values outside the indicated limits.

Data reporting and accuracy reflect the working environment, the design capabilities and reliability of the monitoring instruments and operating equipment.

Deviations from required sampling, analysis monitoring and reporting methods and periodicities are indicated on the respective transmittal sheet with explanations below.

Results reported on the Discharge Monitoring Report forms are consistent with permit limits, data supplied from contract laboratories, the 2013 revision of the NJDEP Monitoring Report Form Reference Manual, the 2016 revision to the NJPDES Reference Manual for Online Form Submittal and specific guidance from DEP personnel.

After discussions with NJDEP Department of Enforcement, the Residuals Discharge Monitoring Report, Transfer Report and Waste Characterization Report were submitted as No Discharge this Monitoring Period. These 3 documents are being submitted late, required submission date was February 28, 2018.

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EXPLANATION OF EXCEEDANCES

For 2017

The following exceedances are included in the attached report and explained below.

DSN No.

EXPLANATION

No Exceedances



State of New Jersey
Department of Environmental Protection
Residuals DMR

PI: 46815

Shell Generation Date: 1/1/2017

HOPE CREEK GENERATING STATION - NJG0256773 - SL1A SQAR-Sludge Holding Tank - 01/01/2017 - 12/31/2017

Permittee:

PSEG NUCLEAR LLC
PO BOX 236

HANCOCKS BRIDGE, NJ 08038

Location of Activity:

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

Report Recipient:

PSE&G Nuclear LLC - MC - N21
Alison Kraus
P.O. BOX 236
HANCOCKS BRIDGE, NJ 08038

NJPDES Permit Number: NJG0256773
Monitoring Period: 01/01/2017 To 12/31/2017
Monitored Location: SL1A SQAR-Sludge Holding Tank
Monitored Location Group:
Region / County: Southern / Salem

Check if Applicable: No Discharge This Monitoring Period

Monitoring Report Comments:



State of New Jersey
Department of Environmental Protection

Residuals Transfer Report

PI: 46815

Shell Generation Date: 1/1/2017

HOPE CREEK GENERATING STATION - NJG0256773 - SL1A SQAR-Sludge Holding Tank - 01/01/2017 - 12/31/2017

Permittee:

PSEG NUCLEAR LLC
PO BOX 236

HANCOCKS BRIDGE, NJ 08038

Location of Activity:

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

Report Recipient:

PSE&G Nuclear LLC - MC - N21
Alison Kraus
P.O. BOX 236
HANCOCKS BRIDGE, NJ 08038

NJPDES Permit Number: NJG0256773
Monitoring Period: 01/01/2017 To 12/31/2017
Monitored Location: SL1A SQAR-Sludge Holding Tank
Monitored Location Group: N/A
Region / County: Southern / Salem

Check if Applicable: No Discharge This Monitoring Period

Monitoring Report Comments:



State of New Jersey
Department of Environmental Protection
Residuals Waste Characterization Report

PI: 46815

Shell Generation Date: 1/1/2017

HOPE CREEK GENERATING STATION - NJG0256773 - SL1P SQAR-Sludge Production - 01/01/2017 - 12/31/2017

Permittee:

PSEG NUCLEAR LLC
PO BOX 236

HANCOCKS BRIDGE, NJ 08038

Location of Activity:

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

Report Recipient:

PSE&G Nuclear LLC - MC - N21
Alison Kraus
P.O. BOX 236
HANCOCKS BRIDGE, NJ 08038

NJPDES Permit Number: NJG0256773
Monitoring Period: 01/01/2017 To 12/31/2017
Monitored Location: SL1P SQAR-Sludge Production
Monitored Location Group: N/A
Region / County: Southern / Salem

Check if Applicable: No Discharge This Monitoring Period

Monitoring Report Comments: