

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

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

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**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:**