



ECMPS Client Tool

Version 1.0 2017 Q1

United States Environmental Protection Agency (EPA)
Emissions Collection and Monitoring Plan System (ECMPS) Feedback

April 14, 2017 09:44 PM

Re: Salem Generating Station(2410) - 2001

Dear Certifying Official:

Thank you for submitting your Monitoring Plan using the U. S. EPA's Emissions Collection and Monitoring Plan System (ECMPS) software. This ECMPS Feedback report provides you with a detailed submission receipt, a summary of the evaluations performed on your submission, and guidance on any follow-up actions needed if any errors were found. EPA has also received a copy of this Feedback Report as part of your submission.

SUBMISSION STATUS

The EPA has received your Monitoring Plan for the Facility and Monitoring Location(s) listed in Table 1 below. The Table also provides confirmation of EPA's receipt (Date, Time, etc.) of your submission. Prior to submission ECMPS evaluated your Monitoring Plan and assigned an overall "Error Status Level" to it, based on the results (see Table 1).

Table 1: Submission Receipt and Error Status Level Information

Report Received for Facility ID (ORIS Code):	2410
Facility Name:	Salem Generating Station
State:	NJ
Monitoring Locations:	2001
Monitoring Plan Status:	Active
Submission Type:	MP
Error Status Level:	No Errors
Submission Date/Time:	04/14/2017 9:44:22 PM
Submitter User ID:	cpriec
Submission ID:	1055959
Resubmission Required:	No
EPA Analyst:	Craig Hillock; (202) 343-9105; hillock.craig@epa.gov Carlos R Martinez; (202) 343-9747; martinez.carlos@epa.gov

EXPLANATION OF YOUR ERROR STATUS LEVEL LISTED IN TABLE 1

The EPA has accepted your Monitoring Plan submission. ECMPS detected no errors in your data based on the checks performed.

OTHER INFORMATION AND BULLETINS FROM EPA

QUESTIONS: Please contact your EPA Analyst listed in Table 1 with any questions regarding your Monitoring Plan submission and the evaluation results. If you need assistance with revising the Monitoring Plan data for this facility, please send an e-mail to ECMPS Technical Support at: ecmps-support@camdsupport.com.

DATA RESUBMISSION: You may revise and resubmit your Monitoring Plan at any time. NOTE: If Monitoring Plan revisions also affect related QA/Cert test data and/or Emissions data so that they also need to be resubmitted, please complete the ECMPS Data Resubmission Request Form located at: http://ecmps.camdsupport.com/help_resubmit_form.shtml. Please provide detailed documentation of the reasons for the resubmission. Support staff will review your request and notify you via e-mail once the necessary database access has been granted for your resubmission.

TECHNICAL SUPPORT: please visit the ECMPS Technical Support website at <http://ecmps.camdsupport.com> for information about ECMPS software downloads, ECMPS News, Technical Support, documentation, tutorials, FAQs, and more.

ECMPS Data Reporting Instructions: for detailed information about reporting Monitoring Plan, QA/Certification Test, and Emissions data, please see the ECMPS Reporting Instructions on EPA's website at: <http://www.epa.gov/airmarkets/business/ecmps/reporting-instructions.html>.

If you have any questions regarding this correspondence, please feel free to contact your EPA Analyst listed in Table 1 as soon as possible. Thank you for your attention to this matter.



ECMPS Client Tool

Version 1.0 2015 Q2

United States Environmental Protection Agency (EPA)
Emissions Collection and Monitoring Plan System (ECMPS) Feedback

July 9, 2015 07:37 AM

Re: Salem Generating Station (2410) - 2001

Dear Certifying Official:

Thank you for submitting your Quarterly Emissions Report using the U. S. EPA's Emissions Collection and Monitoring Plan System (ECMPS) software. This ECMPS Feedback report provides you with a detailed submission receipt, a summary of the evaluations performed on your submission, and guidance on any follow-up actions needed if any errors were found. EPA has also received a copy of this Feedback Report as part of your submission.

SUBMISSION STATUS

The EPA has received your Quarterly Emissions Report for the Facility and Monitoring Location(s) listed in Table 1 below. The Table also provides confirmation of EPA's receipt (Date, Time, etc.) of your submission. Prior to submission ECMPS evaluated your emissions report and assigned an overall "Error Status Level" to it, based on the results (see Table 1). This Feedback Report also contains Table 2, which displays EPA-Accepted Cumulative Values for emissions and other parameters.

Table 1: Submission Receipt and Error Status Level Information

Report Received for Facility ID (ORIS Code):	2410
Facility Name:	Salem Generating Station
State:	NJ
Monitoring Locations:	2001
Submission Type:	EM for 2015 QTR 2
Error Status Level:	No Errors
Submission Date/Time:	07/09/2015 7:37:34 AM
Submitter User ID:	cprice
Submission ID:	878366
Resubmission Required:	No
EPA Analyst:	Craig Hillock; (202) 343-9105; hillock.craig@epa.gov Carlos R Martinez; (202) 343-9747; martinez.carlos@epa.gov

EXPLANATION OF YOUR ERROR STATUS LEVEL LISTED IN TABLE 1

The EPA has accepted your Emissions data submission. ECMPS detected no errors in your data based on the checks performed. NOTE: The ECMPS submission access window for this Emissions report has been closed. If you need to resubmit this data, please see the DATA RESUBMISSION guidance, below.

OTHER INFORMATION AND BULLETINS FROM EPA

QUESTIONS: Please contact your EPA Analyst listed in Table 1 with any questions regarding this submission and the evaluation results. If you need assistance with correcting problems in the Emissions data for this facility, please send an email to ECMPS Technical Support at: ecmps-support@camdsupport.com.

DATA RESUBMISSION: If you need to resubmit emissions data, including for previous calendar quarters, please complete the ECMPS Data Resubmission Request Form located at: http://ecmps.camdsupport.com/help_resubmit_form.shtml. Please provide detailed documentation of the reasons for the resubmission. Support staff will review your request and notify you via e-mail when the necessary database access window has been granted for your resubmission.

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Table 2: Cumulative Data Summary -- EPA-Accepted Values

Unit/Stack/Pipe ID: 2001

	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Ozone Season	Year-to-Date
Number of Operating Hours	6	0			0	6
Operating Time (hrs)	6.00	0.00			0.00	6.00
SO2 Mass (tons)	0.1	0.0				0.1
CO2 Mass (tons)	62.2	0.0				62.2
Heat Input (mmBtu)	767	0			0	767
NOx Mass (tons)	0.5	0.0			0.0	0.5



ECMPS Client Tool

Version 1.0 2014 Q4 SP1

United States Environmental Protection Agency (EPA)
Emissions Collection and Monitoring Plan System (ECMPS) Feedback

January 14, 2015 08:39 PM

Re: Salem (2410) - 2001

Dear Certifying Official:

Thank you for submitting your Quarterly Emissions Report using the U. S. EPA's Emissions Collection and Monitoring Plan System (ECMPS) software. This ECMPS Feedback report provides you with a detailed submission receipt, a summary of the evaluations performed on your submission, and guidance on any follow-up actions needed if any errors were found. EPA has also received a copy of this Feedback Report as part of your submission.

SUBMISSION STATUS

The EPA has received your Quarterly Emissions Report for the Facility and Monitoring Location(s) listed in Table 1 below. The Table also provides confirmation of EPA's receipt (Date, Time, etc.) of your submission. Prior to submission ECMPS evaluated your emissions report and assigned an overall "Error Status Level" to it, based on the results (see Table 1). This Feedback Report also contains Table 2, which displays EPA-Accepted Cumulative Values for emissions and other parameters.

Table 1: Submission Receipt and Error Status Level Information

Report Received for Facility ID (ORIS Code):	2410
Facility Name:	Salem
State:	NJ
Monitoring Locations:	2001
Submission Type:	EM for 2014 QTR 4
Error Status Level:	No Errors
Submission Date/Time:	01/14/2015 8:39:43 PM
Submitter User ID:	cprice
Submission ID:	831243
Resubmission Required:	No
EPA Analyst:	Craig Hillock; (202) 343-9105; hillock.craig@epa.gov Carlos R Martinez; (202) 343-9747; martinez.carlos@epa.gov

EXPLANATION OF YOUR ERROR STATUS LEVEL LISTED IN TABLE 1

The EPA has accepted your Emissions data submission. ECMPS detected no errors in your data based on the checks performed. NOTE: The ECMPS submission access window for this Emissions report has been closed. If you need to resubmit this data, please see the DATA RESUBMISSION guidance, below.

OTHER INFORMATION AND BULLETINS FROM EPA

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Facility Name: Salem
Facility ID (ORISPL): 2410 State: NJ

ECMPS Feedback
January 14, 2015 08:39 PM

Table 2: Cumulative Data Summary -- EPA-Accepted Values

Unit/Stack/Pipe ID: 2001

	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Ozone Season	Year-to-Date
Number of Operating Hours	58	7	3	6	10	74
Operating Time (hrs)	58.00	7.00	3.00	6.00	10.00	74.00
SO2 Mass (tons)	1.7	0.2	0.1	0.1		2.1
CO2 Mass (tons)	914.0	104.4	51.8	48.9		1,119.1
Heat Input (mmBtu)	11,293	1,288	640	604	1,928	13,825
NOx Mass (tons)	6.8	0.8	0.4	0.4	1.2	8.4



ECMPS Client Tool

Version 1.0 2015 Q4

United States Environmental Protection Agency (EPA)
Emissions Collection and Monitoring Plan System (ECMPS) Feedback

January 11, 2016 10:10 AM

Re: Salem Generating Station (2410) - 2001

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SUBMISSION STATUS

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Table 1: Submission Receipt and Error Status Level Information

Report Received for Facility ID (ORIS Code):	2410
Facility Name:	Salem Generating Station
State:	NJ
Monitoring Locations:	2001
Submission Type:	EM for 2015 QTR 4
Error Status Level:	No Errors
Submission Date/Time:	01/11/2016 10:10:17 AM
Submitter User ID:	cprice
Submission ID:	930497
Resubmission Required:	No
EPA Analyst:	Craig Hillock; (202) 343-9105; hillock.craig@epa.gov Carlos R Martinez; (202) 343-9747; martinez.carlos@epa.gov

EXPLANATION OF YOUR ERROR STATUS LEVEL LISTED IN TABLE 1

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Table 2: Cumulative Data Summary -- EPA-Accepted Values

Unit/Stack/Pipe ID: 2001

	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Ozone Season	Year-to-Date
Number of Operating Hours	6	0	6	4	6	16
Operating Time (hrs)	6.00	0.00	6.00	4.00	6.00	16.00
SO2 Mass (tons)	0.1	0.0	0.2	0.2		0.5
CO2 Mass (tons)	62.2	0.0	89.7	82.8		234.7
Heat Input (mmBtu)	767	0	1,106	1,021	1,106	2,894
NOx Mass (tons)	0.5	0.0	0.7	0.6	0.7	1.8



ECMPS Client Tool

Version 1.0 2016 Q1

United States Environmental Protection Agency (EPA)
Emissions Collection and Monitoring Plan System (ECMPS) Feedback

April 9, 2016 09:47 PM

Re: Salem Generating Station (2410) - 2001

Dear Certifying Official:

Thank you for submitting your Quarterly Emissions Report using the U. S. EPA's Emissions Collection and Monitoring Plan System (ECMPS) software. This ECMPS Feedback report provides you with a detailed submission receipt, a summary of the evaluations performed on your submission, and guidance on any follow-up actions needed if any errors were found. EPA has also received a copy of this Feedback Report as part of your submission.

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Report Received for Facility ID (ORIS Code):	2410
Facility Name:	Salem Generating Station
State:	NJ
Monitoring Locations:	2001
Submission Type:	EM for 2016 QTR 1
Error Status Level:	No Errors
Submission Date/Time:	04/09/2016 9:47:45 PM
Submitter User ID:	cprice
Submission ID:	954231
Resubmission Required:	No
EPA Analyst:	Craig Hillock; (202) 343-9105; hillock.craig@epa.gov Carlos R Martinez; (202) 343-9747; martinez.carlos@epa.gov

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Table 2: Cumulative Data Summary -- EPA-Accepted Values

Unit/Stack/Pipe ID: 2001

	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Ozone Season	Year-to-Date
Number of Operating Hours	2					2
Operating Time (hrs)	2.00					2.00
SO2 Mass (tons)	0.1					0.1
CO2 Mass (tons)	41.0					41.0
Heat Input (mmBtu)	505					505
NOx Mass (tons)	0.3					0.3



ECMPS Client Tool

Version 1.0 2016 Q1

United States Environmental Protection Agency (EPA)
Emissions Collection and Monitoring Plan System (ECMPS) Feedback

July 28, 2016 11:30 AM

Re: Salem Generating Station (2410) - 2001

Dear Certifying Official:

Thank you for submitting your Quarterly Emissions Report using the U. S. EPA's Emissions Collection and Monitoring Plan System (ECMPS) software. This ECMPS Feedback report provides you with a detailed submission receipt, a summary of the evaluations performed on your submission, and guidance on any follow-up actions needed if any errors were found. EPA has also received a copy of this Feedback Report as part of your submission.

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Table 1: Submission Receipt and Error Status Level Information

Report Received for Facility ID (ORIS Code):	2410
Facility Name:	Salem Generating Station
State:	NJ
Monitoring Locations:	2001
Submission Type:	EM for 2016 QTR 2
Error Status Level:	No Errors
Submission Date/Time:	07/28/2016 11:30:48 AM
Submitter User ID:	cprice
Submission ID:	991782
Resubmission Required:	No
EPA Analyst:	Craig Hillock; (202) 343-9105; hillock.craig@epa.gov Carlos R Martinez; (202) 343-9747; martinez.carlos@epa.gov

EXPLANATION OF YOUR ERROR STATUS LEVEL LISTED IN TABLE 1

The EPA has accepted your Emissions data submission. ECMPS detected no errors in your data based on the checks performed. NOTE: The ECMPS submission access window for this Emissions report has been closed. If you need to resubmit this data, please see the DATA RESUBMISSION guidance, below.

OTHER INFORMATION AND BULLETINS FROM EPA

QUESTIONS: Please contact your EPA Analyst listed in Table 1 with any questions regarding this submission and the evaluation results. If you need assistance with correcting problems in the Emissions data for this facility, please send an email to ECMPS Technical Support at: ecmps-support@camdsupport.com.

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If you have any questions regarding this correspondence, please feel free to contact your EPA Analyst listed in Table 1 as soon as possible. Thank you for your attention to this matter.

Table 2: Cumulative Data Summary -- EPA-Accepted Values

Unit/Stack/Pipe ID: 2001

	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Ozone Season	Year-to-Date
Number of Operating Hours	2	3			2	5
Operating Time (hrs)	2.00	3.00			2.00	5.00
SO2 Mass (tons)	0.1	0.1				0.2
CO2 Mass (tons)	41.0	33.2				74.2
Heat Input (mmBtu)	505	409			233	914
NOx Mass (tons)	0.3	0.2			0.1	0.5



ECMPS Client Tool

Version 1.0 2016 Q3

United States Environmental Protection Agency (EPA)
Emissions Collection and Monitoring Plan System (ECMPS) Feedback

October 19, 2016 07:56 PM

Re: Salem Generating Station (2410) - 2001

Dear Certifying Official:

Thank you for submitting your Quarterly Emissions Report using the U. S. EPA's Emissions Collection and Monitoring Plan System (ECMPS) software. This ECMPS Feedback report provides you with a detailed submission receipt, a summary of the evaluations performed on your submission, and guidance on any follow-up actions needed if any errors were found. EPA has also received a copy of this Feedback Report as part of your submission.

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Table 1: Submission Receipt and Error Status Level Information

Report Received for Facility ID (ORIS Code):	2410
Facility Name:	Salem Generating Station
State:	NJ
Monitoring Locations:	2001
Submission Type:	EM for 2016 QTR 3
Error Status Level:	No Errors
Submission Date/Time:	10/19/2016 7:56:09 PM
Submitter User ID:	cprice
Submission ID:	1007625
Resubmission Required:	No
EPA Analyst:	Craig Hillock; (202) 343-9105; hillock.craig@epa.gov Carlos R Martinez; (202) 343-9747; martinez.carlos@epa.gov

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Table 2: Cumulative Data Summary -- EPA-Accepted Values

Unit/Stack/Pipe ID: 2001

	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Ozone Season	Year-to-Date
Number of Operating Hours	2	3	5		7	10
Operating Time (hrs)	2.00	3.00	5.00		7.00	10.00
SO2 Mass (tons)	0.1	0.1	0.1			0.3
CO2 Mass (tons)	41.0	33.2	50.3			124.5
Heat Input (mmBtu)	505	409	620		853	1,534
NOx Mass (tons)	0.3	0.2	0.4		0.5	0.9



ECMPS Client Tool

Version 1.0 2016 Q4

United States Environmental Protection Agency (EPA)
Emissions Collection and Monitoring Plan System (ECMPS) Feedback

January 24, 2017 10:02 AM

Re: Salem Generating Station (2410) - 2001

Dear Certifying Official:

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Submission Type:	EM for 2016 QTR 4
Error Status Level:	No Errors
Submission Date/Time:	01/24/2017 10:02:25 AM
Submitter User ID:	cprice
Submission ID:	1037472
Resubmission Required:	No
EPA Analyst:	Craig Hillock; (202) 343-9105; hillock.craig@epa.gov Carlos R Martinez; (202) 343-9747; martinez.carlos@epa.gov

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If you have any questions regarding this correspondence, please feel free to contact your EPA Analyst listed in Table 1 as soon as possible. Thank you for your attention to this matter.

Table 2: Cumulative Data Summary -- EPA-Accepted Values

Unit/Stack/Pipe ID: 2001

	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Ozone Season	Year-to-Date
Number of Operating Hours	2	3	5	2	7	12
Operating Time (hrs)	2.00	3.00	5.00	2.00	7.00	12.00
SO2 Mass (tons)	0.1	0.1	0.1	0.1		0.4
CO2 Mass (tons)	41.0	33.2	50.3	32.8		157.3
Heat Input (mmBtu)	505	409	620	404	853	1,938
NOx Mass (tons)	0.3	0.2	0.4	0.2	0.5	1.1



ECMPS Client Tool

Version 1.0 2017 Q2

United States Environmental Protection Agency (EPA)
Emissions Collection and Monitoring Plan System (ECMPS) Feedback

July 15, 2017 06:48 PM

Re: Salem Generating Station (2410) - 2001

Dear Certifying Official:

Thank you for submitting your Quarterly Emissions Report using the U. S. EPA's Emissions Collection and Monitoring Plan System (ECMPS) software. This ECMPS Feedback report provides you with a detailed submission receipt, a summary of the evaluations performed on your submission, and guidance on any follow-up actions needed if any errors were found. EPA has also received a copy of this Feedback Report as part of your submission.

SUBMISSION STATUS

The EPA has received your Quarterly Emissions Report for the Facility and Monitoring Location(s) listed in Table 1 below. The Table also provides confirmation of EPA's receipt (Date, Time, etc.) of your submission. Prior to submission ECMPS evaluated your emissions report and assigned an overall "Error Status Level" to it, based on the results (see Table 1). This Feedback Report also contains Table 2, which displays EPA-Accepted Cumulative Values for emissions and other parameters.

Table 1: Submission Receipt and Error Status Level Information

Report Received for Facility ID (ORIS Code):	2410
Facility Name:	Salem Generating Station
State:	NJ
Monitoring Locations:	2001
Submission Type:	EM for 2017 QTR 2
Error Status Level:	No Errors
Submission Date/Time:	07/15/2017 6:48:02 PM
Submitter User ID:	cprice
Submission ID:	1078184
Resubmission Required:	No
EPA Analyst:	Craig Hillock; (202) 343-9105; hillock.craig@epa.gov Carlos R Martinez; (202) 343-9747; martinez.carlos@epa.gov

EXPLANATION OF YOUR ERROR STATUS LEVEL LISTED IN TABLE 1

The EPA has accepted your Emissions data submission. ECMPS detected no errors in your data based on the checks performed. NOTE: The ECMPS submission access window for this Emissions report has been closed. If you need to resubmit this data, please see the DATA RESUBMISSION guidance, below.

OTHER INFORMATION AND BULLETINS FROM EPA

QUESTIONS: Please contact your EPA Analyst listed in Table 1 with any questions regarding this submission and the evaluation results. If you need assistance with correcting problems in the Emissions data for this facility, please send an email to ECMPS Technical Support at: ecmps-support@camdsupport.com.

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Table 2: Cumulative Data Summary -- EPA-Accepted Values

Unit/Stack/Pipe ID: 2001

	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Ozone Season	Year-to-Date
Number of Operating Hours	2	4			2	6
Operating Time (hrs)	2.00	4.00			2.00	6.00
SO2 Mass (tons)	0.0	0.1				0.1
CO2 Mass (tons)	25.1	65.6				90.7
Heat Input (mmBtu)	310	810			349	1,120
NOx Mass (tons)	0.2	0.5			0.2	0.7



ECMPS Client Tool

Version 1.0 2017 Q3

United States Environmental Protection Agency (EPA)
Emissions Collection and Monitoring Plan System (ECMPS) Feedback

October 8, 2017 09:52 AM

Re: Salem Generating Station (2410) - 2001

Dear Certifying Official:

Thank you for submitting your Quarterly Emissions Report using the U. S. EPA's Emissions Collection and Monitoring Plan System (ECMPS) software. This ECMPS Feedback report provides you with a detailed submission receipt, a summary of the evaluations performed on your submission, and guidance on any follow-up actions needed if any errors were found. EPA has also received a copy of this Feedback Report as part of your submission.

SUBMISSION STATUS

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Table 1: Submission Receipt and Error Status Level Information

Report Received for Facility ID (ORIS Code):	2410
Facility Name:	Salem Generating Station
State:	NJ
Monitoring Locations:	2001
Submission Type:	EM for 2017 QTR 3
Error Status Level:	No Errors
Submission Date/Time:	10/08/2017 9:52:36 AM
Submitter User ID:	cprice
Submission ID:	1101392
Resubmission Required:	No
EPA Analyst:	Craig Hillock; (202) 343-9105; hillock.craig@epa.gov Carlos R Martinez; (202) 343-9747; martinez.carlos@epa.gov

EXPLANATION OF YOUR ERROR STATUS LEVEL LISTED IN TABLE 1

The EPA has accepted your Emissions data submission. ECMPS detected no errors in your data based on the checks performed. NOTE: The ECMPS submission access window for this Emissions report has been closed. If you need to resubmit this data, please see the DATA RESUBMISSION guidance, below.

OTHER INFORMATION AND BULLETINS FROM EPA

QUESTIONS: Please contact your EPA Analyst listed in Table 1 with any questions regarding this submission and the evaluation results. If you need assistance with correcting problems in the Emissions data for this facility, please send an email to ECMPS Technical Support at: ecmps-support@camdsupport.com.

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If you have any questions regarding this correspondence, please feel free to contact your EPA Analyst listed in Table 1 as soon as possible. Thank you for your attention to this matter.

Table 2: Cumulative Data Summary -- EPA-Accepted Values

Unit/Stack/Pipe ID: 2001

	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Ozone Season	Year-to-Date
Number of Operating Hours	2	4	2		4	8
Operating Time (hrs)	2.00	4.00	2.00		4.00	8.00
SO2 Mass (tons)	0.0	0.1	0.1			0.2
CO2 Mass (tons)	25.1	65.6	29.8			120.5
Heat Input (mmBtu)	310	810	368		717	1,488
NOx Mass (tons)	0.2	0.5	0.2		0.4	0.9



ECMPS Client Tool

Version 1.0 2017 Q4

United States Environmental Protection Agency (EPA)
Emissions Collection and Monitoring Plan System (ECMPS) Feedback

January 14, 2018 07:20 PM

Re: Salem Generating Station (2410) - 2001

Dear Certifying Official:

Thank you for submitting your Quarterly Emissions Report using the U. S. EPA's Emissions Collection and Monitoring Plan System (ECMPS) software. This ECMPS Feedback report provides you with a detailed submission receipt, a summary of the evaluations performed on your submission, and guidance on any follow-up actions needed if any errors were found. EPA has also received a copy of this Feedback Report as part of your submission.

SUBMISSION STATUS

The EPA has received your Quarterly Emissions Report for the Facility and Monitoring Location(s) listed in Table 1 below. The Table also provides confirmation of EPA's receipt (Date, Time, etc.) of your submission. Prior to submission ECMPS evaluated your emissions report and assigned an overall "Error Status Level" to it, based on the results (see Table 1). This Feedback Report also contains Table 2, which displays EPA-Accepted Cumulative Values for emissions and other parameters.

Table 1: Submission Receipt and Error Status Level Information

Report Received for Facility ID (ORIS Code):	2410
Facility Name:	Salem Generating Station
State:	NJ
Monitoring Locations:	2001
Submission Type:	EM for 2017 QTR 4
Error Status Level:	No Errors
Submission Date/Time:	1/14/2018 7:20:34 PM
Submitter User ID:	cprice
Submission ID:	1125538
Resubmission Required:	No
EPA Analyst:	Craig Hillock; (202) 343-9105; hillock.craig@epa.gov Carlos R Martinez; (202) 343-9747; martinez.carlos@epa.gov

EXPLANATION OF YOUR ERROR STATUS LEVEL LISTED IN TABLE 1

The EPA has accepted your Emissions data submission. ECMPS detected no errors in your data based on the checks performed. NOTE: The ECMPS submission access window for this Emissions report has been closed. If you need to resubmit this data, please see the DATA RESUBMISSION guidance, below.

OTHER INFORMATION AND BULLETINS FROM EPA

QUESTIONS: Please contact your EPA Analyst listed in Table1 with any questions regarding this submission and the evaluation results. If you need assistance with correcting problems in the Emissions data for this facility, please send an email to ECMPS Technical Support at: ecmps-support@camdsupport.com.

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Table 2: Cumulative Data Summary -- EPA-Accepted Values

Unit/Stack/Pipe ID: 2001

	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Ozone Season	Year-to-Date
Number of Operating Hours	2	4	2	3	4	11
Operating Time (hrs)	2.00	4.00	2.00	3.00	4.00	11.00
SO2 Mass (tons)	0.0	0.1	0.1	0.1		0.3
CO2 Mass (tons)	25.1	65.6	29.8	40.5		161.0
Heat Input (mmBtu)	310	810	368	499	717	1,987
NOx Mass (tons)	0.2	0.5	0.2	0.3	0.4	1.2



ECMPS Client Tool

Version 1.0 2018 Q1

United States Environmental Protection Agency (EPA)
Emissions Collection and Monitoring Plan System (ECMPS) Feedback

April 15, 2018 07:41 AM

Re: Salem Generating Station (2410) - 2001

Dear Certifying Official:

Thank you for submitting your Quarterly Emissions Report using the U. S. EPA's Emissions Collection and Monitoring Plan System (ECMPS) software. This ECMPS Feedback report provides you with a detailed submission receipt, a summary of the evaluations performed on your submission, and guidance on any follow-up actions needed if any errors were found. EPA has also received a copy of this Feedback Report as part of your submission.

SUBMISSION STATUS

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Table 1: Submission Receipt and Feedback Status Level Information

Report Received for Facility ID (ORIS Code):	2410
Facility Name:	Salem Generating Station
State:	NJ
Monitoring Locations:	2001
Submission Type:	EM for 2018 QTR 1
Feedback Status Level:	No Errors
Submission Date/Time:	4/15/2018 7:41:01 AM
Submitter User ID:	cprice
Submission ID:	1148688
Resubmission Required:	No
EPA Analyst:	Craig Hillock; (202) 343-9105; hillock.craig@epa.gov Carlos R Martinez; (202) 343-9747; martinez.carlos@epa.gov

EXPLANATION OF YOUR FEEDBACK STATUS LEVEL LISTED IN TABLE 1

The EPA has accepted your Emissions data submission. ECMPS detected no errors in your data based on the checks performed. NOTE: The ECMPS submission access window for this Emissions report has been closed. If you need to resubmit this data, please see the DATA RESUBMISSION guidance, below.

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Table 2: Cumulative Data Summary -- EPA-Accepted Values

Unit/Stack/Pipe ID: 2001

	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Ozone Season	Year-to-Date
Number of Operating Hours	0					0
Operating Time (hrs)	0.00					0.00
SO2 Mass (tons)	0.0					0.0
CO2 Mass (tons)	0.0					0.0
Heat Input (mmBtu)	0					0
NOx Mass (tons)	0.0					0.0



ECMPS Client Tool

Version 1.0 2018 Q2

United States Environmental Protection Agency (EPA)
Emissions Collection and Monitoring Plan System (ECMPS) Feedback

July 24, 2018 10:15 PM

Re: Salem Generating Station (2410) - 2001

Dear Certifying Official:

Thank you for submitting your Quarterly Emissions Report using the U. S. EPA's Emissions Collection and Monitoring Plan System (ECMPS) software. This ECMPS Feedback report provides you with a detailed submission receipt, a summary of the evaluations performed on your submission, and guidance on any follow-up actions needed if any errors were found. EPA has also received a copy of this Feedback Report as part of your submission.

SUBMISSION STATUS

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Table 1: Submission Receipt and Feedback Status Level Information

Report Received for Facility ID (ORIS Code):	2410
Facility Name:	Salem Generating Station
State:	NJ
Monitoring Locations:	2001
Submission Type:	EM for 2018 QTR 2
Feedback Status Level:	No Errors
Submission Date/Time:	7/24/2018 10:15:44 PM
Submitter User ID:	cprice
Submission ID:	1178144
Resubmission Required:	No
EPA Analyst:	Craig Hillock; (202) 343-9105; hillock.craig@epa.gov Carlos R Martinez; (202) 343-9747; martinez.carlos@epa.gov

EXPLANATION OF YOUR FEEDBACK STATUS LEVEL LISTED IN TABLE 1

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Table 2: Cumulative Data Summary -- EPA-Accepted Values

Unit/Stack/Pipe ID: 2001

	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Ozone Season	Year-to-Date
Number of Operating Hours	0	3			2	3
Operating Time (hrs)	0.00	3.00			2.00	3.00
SO2 Mass (tons)	0.0	0.1				0.1
CO2 Mass (tons)	0.0	40.6				40.6
Heat Input (mmBtu)	0	501			301	501
NOx Mass (tons)	0.0	0.3			0.2	0.3



ECMPS Client Tool

Version 1.0 2018 Q3

United States Environmental Protection Agency (EPA)
Emissions Collection and Monitoring Plan System (ECMPS) Feedback

October 13, 2018 06:48 PM

Re: Salem Generating Station (2410) - 2001

Dear Certifying Official:

Thank you for submitting your Quarterly Emissions Report using the U. S. EPA's Emissions Collection and Monitoring Plan System (ECMPS) software. This ECMPS Feedback report provides you with a detailed submission receipt, a summary of the evaluations performed on your submission, and guidance on any follow-up actions needed if any errors were found. EPA has also received a copy of this Feedback Report as part of your submission.

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Table 1: Submission Receipt and Feedback Status Level Information

Report Received for Facility ID (ORIS Code):	2410
Facility Name:	Salem Generating Station
State:	NJ
Monitoring Locations:	2001
Submission Type:	EM for 2018 QTR 3
Feedback Status Level:	No Errors
Submission Date/Time:	10/13/2018 6:48:47 PM
Submitter User ID:	cprice
Submission ID:	1193345
Resubmission Required:	No
EPA Analyst:	Craig Hillock; (202) 343-9105; hillock.craig@epa.gov Carlos R Martinez; (202) 343-9747; martinez.carlos@epa.gov

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Table 2: Cumulative Data Summary -- EPA-Accepted Values

Unit/Stack/Pipe ID: 2001

	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Ozone Season	Year-to-Date
Number of Operating Hours	0	3	2		4	5
Operating Time (hrs)	0.00	3.00	2.00		4.00	5.00
SO2 Mass (tons)	0.0	0.1	0.1			0.2
CO2 Mass (tons)	0.0	40.6	34.3			74.9
Heat Input (mmBtu)	0	501	423		724	924
NOx Mass (tons)	0.0	0.3	0.3		0.5	0.6

Certification Statement:

The designated representative or alternate designated representative must sign (i.e., agree to) this certification statement. If you are an agent and you click on "SUBMIT", you are not agreeing to the certification statement, but are submitting the certification statement on behalf of the designated representative or alternate designated representative who is agreeing to the certification statement. An agent is only authorized to make the electronic submission on behalf of the designated representative, not to sign (i.e., agree to) the certification statement.

Facility Name: Salem

Facility Identifier: 519934

Facility Reporting Year: 2013

Facility Location:

Address: 39.4676, -75.5304 [END OF BUTTONWOOD ROAD]

City: HANCOCKS BRIDGE

State: NJ

Postal Code: 08038

Facility Site Details:

CO2 equivalent emissions from facility subparts C-II, SS, and TT (metric tons): 7389.5

CO2 equivalent emissions from supplier subparts LL-QQ (metric tons): 0

Biogenic CO2 emissions from facility subparts C-II, SS, and TT (metric tons): 0

Cogeneration Unit Emissions Indicator: N

GHG Report Start Date: 2013-01-01

GHG Report End Date: 2013-12-31

Description of Changes to Calculation Methodology:

Part 75 Biogenic Emissions Indication:

Plant Code Indicator: Y

Primary NAICS Code: 221113

Second Primary NAICS Code: 221112

Parent Company Details:

Parent Company Name: EXELON CORP

Address: 10 S. Dearborn Street, Chicago, IL 60680-5398

Percent Ownership Interest: 21.5

Parent Company Name: PUBLIC SERVICE ENTERPRISE GROUP INC

Address: 80 Park Plaza, Newark, NJ 07102

Percent Ownership Interest: 78.5

Subpart C: General Stationary Fuel Combustion

Gas Information Details

Gas Name	Other Gas Name	Gas Quantity	Own Result?
Biogenic Carbon dioxide		0 (Metric Tons)	
Methane		0.27 (Metric Tons)	
Nitrous Oxide		0.054 (Metric Tons)	
Carbon Dioxide		6696.9 (Metric Tons)	

Unit Details:

Unit Name : GP-1

Unit Type : OCS (Other combustion source)

Unit Description :

Other Unit Name :

Small Unit Aggregation Details:

Highest Maximum Rated Heat Input Capacity: 74.9

Emission Details:

Annual CO2 mass emissions from sorbent: 0.0 (Metric Tons)

Annual Biogenic CO2 Emissions: 0.0 (metric tons)
Annual Fossil fuel based CO2 Emissions: 6696.9 (metric tons)

Tier Fuel Details:

Fuel : Distillate Fuel Oil No. 2
Tier Name : Tier 1 (Equation C-1)
Tier Methodology Start Date : 2013-01-01
Tier Methodology End Date : 2013-12-31

Fuel Emission Details :

Total CO2 emissions	Total CH4 emissions	Total N2O emissions	Total CH4 emissions CO2e	Total N2O emissions CO2e
6696.9 (Metric Tons)	0.27 (Metric Tons)	0.054 (Metric Tons)	6.8 (Metric Tons)	16.1 (Metric Tons)

Subpart D: Electricity Generation

Gas Information Details

Gas Name	Other Gas Name	Gas Quantity	Own Result?
Biogenic Carbon dioxide		0 (Metric Tons)	
Methane		0.03 (Metric Tons)	
Nitrous Oxide		0.006 (Metric Tons)	
Carbon Dioxide		667.2 (Metric Tons)	

Unit Details:

Unit Name : 2001
Unit Type : Electricity Generator
Unit Description :
Plant Code : (numeric, maximum of 6 digits)
Part 75 Methodology : LME (§75.19(c)(4)(iii))
Methodology Start Date: 2013-01-01
Methodology End Date: 2013-12-31
Acid Rain Program Indicator: N

Emission Details:

Annual CO2 Emissions Including Biomass (metric tons): 667.2
Annual CO2 Emissions Including Biomass (short tons): 735.5
Annual CO2 Emissions from Biomass (metric tons): 0.0

Electricity Fuel Details:

Fuel type: Distillate Fuel Oil No. 2
Annual heat input: 9304 (mmBtu)
CH4 Emissions CO2 Equivalent: 0.7 (Metric Tons)
N2O Emissions CO2 Equivalent: 1.7 (Metric Tons)

LR-E13-0024



Dated: **FEB 12 2013**

UPS Ground Shipping
Tracking Number: 1Z273AE6P293154626

US EPA, Region II
Response and Prevention Branch
Attn: Michelle Tabayoyong
2890 Woodbridge Avenue, MS-211
Edison, NJ 08837

RE: PSEG Nuclear, LLC
Salem & Hope Creek Generating Station
FRP #0200087
5 year FRP Plan Re-submittal

Ms. Tabayoyong:

Enclosed please find for your review and approval, the Facility Response Plan 5 year re-submittal for the Salem and Hope Creek Generating Stations in accordance with 40 CFR 112.20(c)(4).

The enclosed consists of two 3-ring binders containing the site Discharge Prevention and Response Plan (DPRP) updated as of January 2011. This plan not only includes the requirements of the US EPA Facility Response Plan (FRP) as mentioned above, but also includes the requirements of the NJDEP Discharge Prevention, Containment, and Countermeasure / Discharge Cleanup and Removal (DPCC/DCR) Plans, the US EPA Spill Prevention, Control and Countermeasure (SPCC) Plan, the Hazardous Waste Contingency Plan (HWCP), and the Stormwater Pollution Prevention Plan.

Should you have any questions or require further information, please do not hesitate to contact Tanya Timberman at (856) 339-1426, Tanya.Timberman@pseg.com or myself at (856) 339-7900, Jeffrey.Pantazes@pseg.com.

Sincerely,

A handwritten signature in black ink, appearing to read "Jeffrey Pantazes", written over a stylized graphic element that resembles a large, open letter 'J' or a signature flourish.

Jeffrey Pantazes
Manager – Nuclear Environmental Affairs

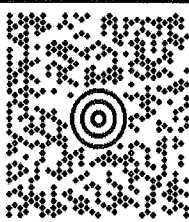

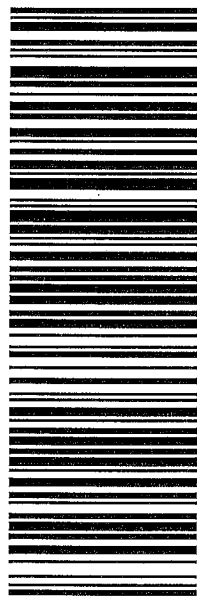

UPS CampusShip: View/Print Label

1. **Ensure there are no other shipping or tracking labels attached to your package.** Select the Print button on the print dialog box that appears. Note: If your browser does not support this function select Print from the File menu to print the label.
2. **Fold the printed sheet containing the label at the line so that the entire shipping label is visible. Place the label on a single side of the package and cover it completely with clear plastic shipping tape. Do not cover any seams or closures on the package with the label.** Place the label in a UPS Shipping Pouch. If you do not have a pouch, affix the folded label using clear plastic shipping tape over the entire label.
3. **GETTING YOUR SHIPMENT TO UPS**
UPS locations include the UPS Store®, UPS drop boxes, UPS customer centers, authorized retail outlets and UPS drivers.
Schedule a same day or future day Pickup to have a UPS driver pickup all your CampusShip packages.
Hand the package to any UPS driver in your area.
Take your package to any location of The UPS Store®, UPS Drop Box, UPS Customer Center, UPS Alliances (Office Depot® or Staples®) or Authorized Shipping Outlet near you. Items sent via UPS Return Services(SM) (including via Ground) are also accepted at Drop Boxes. To find the location nearest you, please visit the Resources area of CampusShip and select UPS Locations.

Customers with a Daily Pickup

Your driver will pickup your shipment(s) as usual.

FOLD HERE

TANYA TIMBERMAN 856.339.1426 PSEG - NUCLEAR ALLOWAY CREEKNECK RD HANCOCKS BRIDGE NJ 08038		10 LBS DWT: 28.11.9		1 OF 1	
SHIP TO: RESPONSE & PREVENTION BRANCH US EPA, REGION II MICHELLE TABAYOYONG MS-211 2890 WOODBRIDGE AVENUE, EDISON NJ 08837-3659					
		NJ 089 9-02 			
UPS GROUND		TRACKING #: 1Z 273 AE0 P2 9315 4626			
					
BILLING: P/P ATTENTION UPS DRIVER: SHIPPER RELEASE					
Performance Improvement: 1276 Bill To Cost Center / Plant Code: 1276 CS 150.26 WXPRES0 33.04.10/2012					
					

**Attachment 2
Verification Completion Form
Page 1 of 1**

Verification Documentation

Correspondence/Letter number: LR-E13-0091 Origination Date: 6/26/13
Agency/External Stakeholder: EPA Submittal Due Date: 7/1/13
Recipient of Correspondence: Memo to File (Electronic Submittal)
(name and title if known)

Purpose of Submittal: Toxic Release Inventory

Originating Office: ☒ Salem ☒ Hope Creek ☐ PSEG Nuclear Corporate

Preparer: ERM Consultant Na Television 6/26/13
(print) (sign) (date)

Peer Reviewer: Helen Gregory Helen Gregory 6/26/13
(print) (sign) (date)

Certified Mail Return Receipt Requested: ☒ Yes ☐ No

Approvals (check box if applicable)

	Applicable	Date Review Needed	Signature of Reviewer	Date of Review
Site Departments				
Nuclear Environmental Affairs Manager – A. Kraus	<input checked="" type="checkbox"/>		<u>Alison Kraus</u>	<u>6/26/13</u>
Chemistry	<input type="checkbox"/>			
Operations	<input type="checkbox"/>			
Engineering	<input type="checkbox"/>			
Regulatory Assurance	<input type="checkbox"/>			
Corporate				
CFAM-	<input type="checkbox"/>			
Site Management				
Plant Manager	<input type="checkbox"/>			
Site Vice President	<input type="checkbox"/>			
Other:	<input type="checkbox"/>		<input type="checkbox"/> Report Signed and Approved	
Other:	<input type="checkbox"/>			

Attach additional page for comments.

Form Approved OMB Number: 2025-0009

(IMPORTANT: Read instructions before completing form; type or use fill-and-print form)

Approval Expires: 10/31/2014

United States Environmental Protection Agency		TOXICS CHEMICAL RELEASE INVENTORY FORM A		TRI Facility ID Number 08038NCLRBENDOF	
WHERE TO SEND COMPLETED FORMS:		1. TRI Data Processing Center P.O. Box 10163 Fairfax, VA 22038 *** File Copy Only: Do Not Submit Paper Form to EPA ***		2. APPROPRIATE STATE OFFICE (See instructions in Appendix F)	
This section only applies if you are revising or withdrawing a previously submitted form, otherwise leave blank:		Revision (Enter up to two code(s)) [] []		Withdrawal (Enter up to two code(s)) [] []	
Important: See Instructions to determine when "Not Applicable (NA)" boxes should be checked.					
Part I. FACILITY IDENTIFICATION INFORMATION					
SECTION 1. REPORTING YEAR : 2012					
SECTION 2. TRADE SECRET INFORMATION					
2.1 Are you claiming the toxic chemical identified on page 2 trade secret? [] Yes (Answer question 2.2; attach substantiation forms) [X] NO (Do not answer 2.2; go to Section 3)		2.2 Is this copy [] Sanitized [] Unsanitized (Answer only if "Yes" in 2.1)			
SECTION 3. CERTIFICATION (Important: Read and sign after completing all form sections.)					
I hereby certify that to the best of my knowledge and belief, for each toxic chemical listed in the statement, the annual reportable amount as defined in 40 CFR 372.27 (a), did not exceed 500 pounds for this reporting year and the chemical was manufactured, processed, or otherwise used in an amount not exceeding 1 million pounds during this reporting year.					
Name and official title of owner/operator or senior management official:		Signature:		Date Signed:	
File Copy Only: Do Not Submit Paper Form to EPA		File Copy Only: Do Not Submit Paper Form to EPA		XX/XX/XXXX	
SECTION 4. FACILITY IDENTIFICATION					
4.1		TRI Facility ID Number		08038NCLRBENDOF	
Facility or Establishment Name SALEM & HOPE CREEK GENERATING STATIONS					
Street END OF ALLOWAY CREEK NECK RD		Mailing Address (if different from physical street address) END OF ALLOWAY CREEK NECK RD			
City/County/Tribe/State/ZIP Code HANCOCKS BRIDGE / Salem / BIA Code: / NJ / 08038		City/State/ZIP Code HANCOCKS BRIDGE / NJ / 08038		Country (Non-US) /	
4.2 This report contains information for : (Important: check c or d if applicable)		c. [] A Federal facility		d. [] GOCO	
4.3 Technical Contact name Helen Gregory		Email Address Helen.Gregory@pseg.com		Telephone Number (include area code) 8563391341	
4.4 Public Contact name Helen Gregory		Email Address Helen.Gregory@pseg.com		Telephone Number (include area code) 8563391341	
4.5 NAICS Code(s) (6 digits) a. 221113 (Primary) b.		c.		d.	
4.6 Dun and Bradstreet Number(s) (9 digits) a. 848793910		b.			
SECTION 5. PARENT COMPANY INFORMATION					
5.1 Name of U.S. Parent Company (for TRI Reporting purposes) PUBLIC SERVICE ENTERPRISE GROUP		No U.S. Parent Company (for TRI Reporting purposes) []			
5.2 Parent Company's Dun & Bradstreet Number NA []		848793910			

EPA Form 9350-2 (Rev. 10/2012) - Previous editions are obsolete.

Printed using TRI-MEweb

IMPORTANT: Read instructions before completing form; type or use fill-and-print form

EPA FORM A PART II. CHEMICAL IDENTIFICATION Do not use this form for reporting Dioxin and Dioxin-like Compounds*		TRI Facility ID Number 08038NCLRBENDOF
SECTION 1. TOXIC CHEMICAL IDENTITY		Report 1 of 1
1.1	CAS Number (Important: Enter only one number as it appears on the Section 313 list. Enter category code if reporting a chemical category.) 302012	
1.2	Toxic Chemical or Chemical Category Name (Important: Enter only one name exactly as it appears on the Section 313 list.) Hydrazine	
1.3	Generic Chemical Name (Important: Complete only if Part I, Section 2.1 is checked "Yes". Generic Name must be structurally descriptive). NA	
SECTION 2. MIXTURE COMPONENT IDENTITY (Important: DO NOT complete this section if you completed Section 1.)		
2.1	Generic Chemical Name Provided by Supplier (Important: Maximum of 70 characters, including numbers, spaces, and punctuation.) NA	

*See the TRI Reporting Forms and Instructions Manual for the TRI-listed Dioxin and Dioxin-like Compounds
EPA Form 9350-2 (Rev. 10/2012) - Previous editions are obsolete.

Gregory, Helen L

From: Kraus, Alison R.
Sent: Wednesday, June 26, 2013 3:41 PM
To: Gregory, Helen L
Subject: FW: TRI-MEweb Submission Certification

-----Original Message-----

From: helpdesk@epacdx.net [mailto:helpdesk@epacdx.net]
Sent: Wednesday, June 26, 2013 3:39 PM
To: justin.furman@erm.com; Kraus, Alison R.
Subject: TRI-MEweb Submission Certification

The TRI-MEweb submission for the facility and chemical(s) listed below has been prepared, certified, and sent to USEPA.

Please be aware that the state of NEW JERSEY is participating in USEPA's TRI Data Exchange through the Environmental Information Exchange Network. This certified submission will be electronically forwarded to NEW JERSEY, satisfying your obligation to report to both USEPA and the state in which the facility is located (NEW JERSEY).

You may wish to print a copy of this receipt and keep it for your records. Do not send this receipt to USEPA.

If you have any questions regarding this email, please contact the CDX Help Desk at the phone numbers listed below for further assistance. Please reference the information below when contacting the CDX Help Desk.

----- REFERENCE INFORMATION -----

TRI Facility ID: 08038NCLRBENDOF
Facility: SALEM & HOPE CREEK GENERATING STATIONS
END OF ALLOWAY CREEK NECK RD
HANCOCKS BRIDGE NEW JERSEY, 08038

Chemical Name	RY	CAS	Form	Revision
Withdrawal				
Hydrazine	2012	302012	A	No

Prepared By: justin.furman@erm.com
Date Prepared: Jun 26, 2013 3:27:14 PM
Certifying Official:
Name: Alison Kraus
Title: Manager - Nuclear Environmental Affairs
E-mail: alison.kraus@pseg.com
Date Certified and Sent to USEPA: Jun 26, 2013 3:38:47 PM Transaction ID:
_cd0a3a7d-0066-451a-9732-e8065192a636
Document Name: TRI000220130626152714FURMANJ1

----- CDX HELP DESK -----

Phone (toll-free): +1 (888) 890-1995
Phone (toll): (970) 494-5500
Email: helpdesk@epacdx.net

The CDX Help Desk is available Monday through Friday, 8:00 AM to 6:00 PM Eastern Time.

Access CDX Home: <https://cdx.epa.gov/>



LR-E13-0093

Dated:

JUN 26 2013

Certified Mail, Return Receipt Requested

Article Number: 7012 1640 0000 4257 4838

Salem County Department of Health
Community Right to Know Coordinator
98 Market Street
Salem, NJ 08079-1996

**RE: Release & Pollution Prevention Report - 2012
Salem and Hope Creek Generating Stations
TRI Facility ID No. 08038NCLRBENDOF
CRTK Facility ID No. 223663480**

Please find enclosed the Release and Pollution Prevention Report (RPPR) for the 2012 reporting year for the subject facility.

This information is being submitted as required under Section 313 Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and the Pollution Prevention Act of 1990.

Should you have any questions or require further information, please do not hesitate to me at (856) 339-1341, Helen.Gregory@pseg.com.

Sincerely,

A handwritten signature in cursive script that reads "Helen Gregory".

Helen Gregory
Environmental Compliance Manager – Nuclear

Enclosures (TRI & RPPR reports))

Q1-28-2009

Q1-28-2009

RELEASE & POLLUTION PREVENTION REPORT FOR 2012

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF POLLUTION PREVENTION & RIGHT TO KNOW
P.O. BOX 443, TRENTON, NJ 08625-0443

FACID: 00585211041

NAICS: 221113

FEIN: 223663480

COMU: 1704

PSEG NUCLEAR LLC
END OF ALLOWAY CREEK NCK RD
HANCOCKS BRIDGE, NJ 08038

PSEG NUCLEAR LLC
ALLOWAY CREEK NECK RD
HANDCOCK BRIDGE, NJ 08038

MAILING ADDRESS

FACILITY LOCATION

SECTION A. GENERAL FACILITY INFORMATION

1.1 Person to contact regarding this report

Name (printed) Helen Gregory1.2 Title MGR-EnvironmentalComp1.3 Phone number (856)339-13411.4 Fax # (856)339-2036

1.5 Contact's address (if different than facility address)

2. Briefly describe the nature of business conducted at this facility

ELECTRIC POWER GENERATION3. TRI Facility ID Number: 08038NCLRBENDOF

4. Facility NJ RTK Research & Development Laboratory exemption approval number:

5. Is this facility subject to filing any EPA Toxic
Release Inventory Forms (Form R or Form A) for
calendar year 2012?☒ Yes ☐ No5.1 Number of Forms R subject to reporting for 2012: 05.2 Number of Forms A subject to reporting for 2012: 16. *Reserved (see instructions)*

7. Wastewater Discharges

7.1 If there is a discharge of a reported substance to a publicly owned treatment works (POTW), complete the following:

a. Name of utility (POTW) N/A

b. Address (physical location)

c. Estimated average volume of wastewater discharged to POTW daily (gallons per day)

d. Briefly describe any pretreatment methods employed

7.2 If there is a discharge of a reported substance to a surface water, a navigable waterway, or to a tributary system,
complete the following:a. Name of receiving stream DELAWARE RIVERb. Estimated average volume of wastewater discharged to receiving stream (gallons per day) 999999999

c. Briefly describe any pretreatment methods employed

7.3 If there is a discharge of a reported substance to groundwater, complete the following:

a. Estimated average volume of wastewater discharged to groundwater (gallons per day)

b. Briefly describe any pretreatment methods employed

8. Trade Secret Claims

8.1 Does this report contain any trade secret (confidential business information) claims for Section B data? ☐ Yes ☒ No

8.2 Does this report contain any trade secret (confidential business information) claims for Section C or D data? ☐ Yes ☒ No

(You are required to provide full documentation on any trade secret (confidentiality) claim. Refer to the instructions booklet, *Trade Secret Claim*.)

9. Waste Hauler Information - Provide the full names and locations (include street, city, state, and zip code) and the USEPA ID Number, or NJ Solid Waste Transporter Registration Number if applicable, of the hauler services that transported production-related wastes containing reported substances to off-site locations in 2012.

EPA ID# SOLID WASTE ID#	Name of Hauler	Address	City	State	Zip Code
-------------------------------	----------------	---------	------	-------	----------

10. CERTIFICATION OF EMPLOYER OR DULY AUTHORIZED REPRESENTATIVE - I certify under penalty of law that I have personally examined and am familiar with the information submitted in Sections A and B of this report and all attachments, and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

-->

Signature Submitted and certified electronically by Helen Gregory

Date 06/26/2013

Phone No. (856)339-1341

Title Env Compliance Mgr

NOTE: You are required pursuant to the authority of N.J.S.A. 34:5A-7(b) to forward a copy of this report to your RTK County Lead Agency. (See RPPR Appendix D for appropriate addresses.)

SECTION B. FACILITY-LEVEL SUBSTANCE-SPECIFIC INFORMATION

FACID: 00585211041	
PSEG NUCLEAR LLC ALLOWAY CREEK NECK RD , HANDCOCK BRIDGE, NJ 08038	
1.1 CAS No. (Category No.) 302-01-2	
1.2 RTK Substance No. 1006	
1.3 Substance Name (or Category Name) HYDRAZINE	
1.4 Does this section contain any trade secret (confidential business information) claims for data in question #5 through #10 (excluding #5.1 and #10.1)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

2. Activities and Uses of the Substance at the Facility (Check all that apply.)			
2.1	Manufacture the Substance:	a. <input type="checkbox"/> Produce b. <input type="checkbox"/> Import	If "produce" or "import" then: c. <input type="checkbox"/> For on-site use/processing d. <input type="checkbox"/> For sale/distribution e. <input type="checkbox"/> As a byproduct f. <input type="checkbox"/> As an impurity
2.2	Process the Substance:	a. <input type="checkbox"/> As a reactant d. <input type="checkbox"/> Repackaging	b. <input type="checkbox"/> As a formulation component e. <input type="checkbox"/> As an impurity c. <input type="checkbox"/> As an article component
2.3	Otherwise use Substance:	a. <input type="checkbox"/> As a chemical processing aid b. <input type="checkbox"/> As a manufacturing aid	c. <input checked="" type="checkbox"/> Ancillary or other use
3.1	Principal Method of Storage: TI, Other Storage Method: null		
3.2	Frequency of Transfer from Storage: 365 times per CONTIN		
3.3	Methods of Transfer: PIPE		

INVENTORY AND THROUGHPUT INFORMATION				
	INVENTORY	N/A	Quantity (in pounds)	Basis of Estimate
4.	Maximum Daily Inventory of the Substance	<input type="checkbox"/>	16,680	O
	INPUTS	N/A	Quantity	Basis of Estimate
5.	Starting Inventory of the Substance	<input type="checkbox"/>	16,680	O
5.1	Quantity of Starting Inventory that is Nonproduct Output (NPO)	<input type="checkbox"/>	0	O
6.	Quantity Produced on Site	<input type="checkbox"/>	0	O
7.	Quantity Brought on Site	<input type="checkbox"/>	32,514	O
7.1	Quantity Brought on Site as Recycled Substance	<input type="checkbox"/>	0	O
	OUTPUTS		Quantity (in pounds)	Basis of Estimate
8.	Quantity Consumed on Site (chemically reacted in process)	<input type="checkbox"/>	32,514	O
9.	Quantity Shipped off Site as (or in) Product	<input type="checkbox"/>	0	O
10.	Ending Inventory of the Substance	<input type="checkbox"/>	16,680	O
10.1	Quantity of Ending Inventory that is Nonproduct Output (NPO)	<input type="checkbox"/>	0	O
11.	Total Nonproduct Output		0	
	USE (calculated from Section B data)		32,514	
	ON-SITE MANAGEMENT OF NONPRODUCT OUTPUT		Quantity (in pounds)	Basis of Estimate
12.	Quantity Recycled Out-of-Process on Site and Used on Site	<input checked="" type="checkbox"/>		
13.	Quantity Destroyed through On-Site Treatment	<input checked="" type="checkbox"/>		
14.	Quantity Destroyed through On-Site Energy Recovery	<input checked="" type="checkbox"/>		
	RELEASE INFORMATION (Substance Specific)		Quantity (in pounds)	Basis of Estimate
15.	Total Stack or Point Source Air Emissions	<input type="checkbox"/>	0	O
16.	Total Fugitive or Non-Point Source Air Emissions	<input type="checkbox"/>	0	O
17.	Total Discharge to Publicly Owned Treatment Works (POTW)	<input checked="" type="checkbox"/>		
18.	Total Discharge to Surface Waters	<input type="checkbox"/>	0	O
19.	Total Discharge to Groundwater	<input checked="" type="checkbox"/>		
20. On-Site Land Disposal: <input checked="" type="checkbox"/> N/A				
21. Transfers to Other Off-Site Locations: <input checked="" type="checkbox"/> N/A				
22.	Quantity released to the environment as a result of remedial actions, catastrophic events, or one-time events not associated with production processes (pounds/year):			
23.	2012 Quantity and Units of Production Associated with the Reported Substance:		Quantity	Units of Measurement and Product Description
		1.	19,300,884	MWHRS
		2.		
		3.		
		4.		

***PRODUCTION**: Whenever possible, "UNITS" should be mass or surface area units only, such as pounds of material manufactured or square footage of product involved.

24. Has any reduction or elimination of either the use of the reported substance or the generation of the reported substance as nonproduct output (NPO) occurred during 2012 due to discontinuance of operations?

☐ Yes ☒ No If "Yes", fill in below:

	Quantity of Substance Reduced (in pounds) (2011 to 2012)	Basis of Estimate
Quantity of substance reduced in pounds (2011 to 2012) due to the discontinuance of operations, including operations transferred to or undertaken by another facility		

POLLUTION PREVENTION ACTIVITIES

For the purpose of this question and Sections C and D of this report, pollution prevention means: the reduction or elimination of either the use of the reported substance or the generation of the reported substance as nonproduct output, prior to treatment, storage, out-of-process recycling, or disposal. Pollution prevention is not any type of treatment, out-of-process recycling, incineration, or the transfer of releases to different media.

25. Has any material-related change (change in the amount of the reported substance used due to substitution of a non-listed substance) been employed to reduce the quantity of this reported substance during 2011 relative to 2012 levels?

☐ Yes ☒ No If "Yes," fill in the table below:

POLLUTION PREVENTION METHODOLOGY	Quantity of Substance Reduced (in pounds) (2011 to 2012)	Basis of Estimate
Material-Related Change (change in the amount of the substance used due to substitution of other non-listed substance)		
CAS Number, Substance Name and Quantity of Substitute Substance		
<u>CAS Number</u>	<u>Substance Name</u>	<u>Quantity (pounds)</u>
a)		
b)		
c)		

SECTION C. FACILITY-LEVEL SUBSTANCE-SPECIFIC POLLUTION PREVENTION PROGRESS

FACID: 00585211041
PSEG NUCLEAR LLC ALLOWAY CREEK NECK RD HANDCOCK BRIDGE, NJ 08038
1.1 CAS No. (Category No.) 302-01-2
1.2 Substance Name (Category Name) HYDRAZINE

2. Production Ratio or Activity Index (based on the USE per number of units of product)	From Base Year	From Previous Year
	0.93	0.93
3. Percent Change from Base Year (based on the USE or NPO per number of units of product)	USE	NPO
	-144.4	0

4. Note the Process ID of any production processes that your facility discontinued or sent off site in 2012. These Process IDs should match those identified in your Pollution Prevention Plan Summary. If any of the listed processes involved more than one reportable substance, identify the process ID only once. If no production processes were discontinued or sent off site in 2012, then leave this blank.

SECTION D: PROCESS-LEVEL POLLUTION PREVENTION INFORMATION FOR TARGETED PROCESSES

FACID: 00585211041

PSEG NUCLEAR LLC
ALLOWAY CREEK NECK RD
HANDCOCK BRIDGE, NJ 08038

- 1.1 Process ID (Must be the same ID listed in the Pollution Prevention Plan Summary). 000000000001
- 1.2 ☐ Check here if your facility made a production process change in 2012 that triggered a modification to the Pollution Prevention Plan or Pollution Prevention Plan Summary.
- 1.3 ☐ Check here if your facility's pollution prevention progress was less than anticipated for any hazardous substance within this targeted process and explain below.

2.1 Substance Name (Category Name)	Percent Change Per Unit of Product		4.1 Pollution Prevention Techniques Used in 2012 (use 3-digit codes in Appendix E of the instructions)	4.2 Pollution Prevention Techniques Planned for 2013 (use 3-digit codes in Appendix E of the instructions)
2.2 CAS Number (Category No.)	3.1 USE	3.2 NPO		
HYDRAZINE	-	0		
302-01-2	144.36			

POLLUTION PREVENTION PROCESS-LEVEL DATA WORKSHEET (P2-115)

Note: This worksheet is required as part of the Pollution Prevention Plan, and is optional as a submittal in lieu of Sections C and D of the Release and Pollution Prevention Report.

Base Year 2009

FACID: 00585211041	Process ID (from P2 Plan Summary)	<u>000000000001</u>
PSEG NUCLEAR LLC	Units of Production (e.g., type of widget, lbs. of chemical, square feet of product)	<u>MWHRS</u>
END OF ALLOWAY CREEK NCK RD	Is process targeted? (Y/N)	<u>Y</u>
HANCOCKS BRIDGE, NJ 08038	Is this a grouped process? (Y/N)	<u>N</u>

FACILITY LOCATION

CAS No.: 302-01-2	Hazardous Substance: HYDRAZINE
-------------------	--------------------------------

	Base Year	Year 1	Year 2	Year 3	Year 4	Year 5
Production Quantity	20,795,038	21,078,274	20,713,052	19,300,884		
USE (pounds)	14,336	17,920	22,848	32,514		
Consumed	14,336	17,920	22,848	32,514		
Shipped off-site as (or in) product	0	0	0	0		
NPO (pounds)	0	0	0	0		
Recycled out of process	0	0	0	0		
Destroyed: on-site treatment	0	0	0	0		
Destroyed: on-site energy recovery	0	0	0	0		
Stack air emissions	0	0	0	0		
Fugitive air emissions	0	0	0	0		
Discharge to POTWs	0	0	0	0		
Discharge to surface waters	0	0	0	0		
Discharge to groundwater	0	0	0	0		
On-site land disposal	0	0	0	0		
Transferred off site	0	0	0	0		
Ending Inv. as NPO minus Starting Inv. as NPO	0	0	0	0		
P2 techniques used in given year (see codes in RPPR Appendix E)						
Was this process discontinued or sent off site in the given year?		N	N	N		
Did facility make process change(s) that triggered a Plan modification?		N	N	N		
Was facility's P2 progress (targeted process only) less than anticipated?		N	N	N		

CERTIFICATION OF OWNER OR OPERATOR - I certify under penalty of law that the information submitted in this Pollution Prevention Progress Report is true, accurate and complete to the best of my knowledge.

Signature Submitted and certified electronically by Helen Gregory

Date 06/26/2013

Phone No. (856)339-1341

Title Env Compliance Mgr

LR-E13-0101

JUL 24 2013



Certified Mail/Return Receipt Requested
ARTICLE NUMBER: 7012 1640 0000 4257 4937

US EPA, Region 2
Environmental Protection Agency
290 Broadway
New York, NY 10007-1866

Re: PSEG Nuclear LLC Title V Six-Month Deviation Report (January – June 2013)
Permit Activity Number: BOP120001
Program Interest Number: 65500

To the Administrator:

PSEG Nuclear LLC ("PSEG Nuclear") submitted the enclosed Title V Six-Month Deviation Report for the period of January 1, 2013 through June 30, 2013 electronically to the New Jersey Department of Environmental Protection (NJDEP). PSEG Nuclear LLC had no deviations to report during this period.

If you have any questions, please do not hesitate to contact me at (856) 339-1341,.

Sincerely,

A handwritten signature in cursive script that reads "Helen Gregory".

Helen Gregory
Environmental Compliance Manager

Enclosures

cc: NJ DEP – Compliance & Enforcement

bcc: DCRMS

A. Kraus – Manager - NEA

Section I - Facility Information

1) Facility Name: PSEG NUCLEAR LLC HOPE CRK & SALEM GEN STA

2) Program Interest Number (5-Digit): 65500

The permittee shall submit to the Department and to the EPA, a periodic compliance certification, in accordance with N.J.A.C. 7:27-22.19(f) and the schedule for submittal of compliance certifications set forth in the compliance plan of your operating permit. The annual compliance certification is due to the Department and the EPA within 60 days of the expiration of each 1-year anniversary of the Initial Operating Permit Approval Date, unless otherwise specified in your approved operating permit.

3) Submittal Type: Second Semi-Annual Report (Choose from List)

4) Is this a revision of an already submitted report? No (Choose from List)

5) Reporting Year: 2013

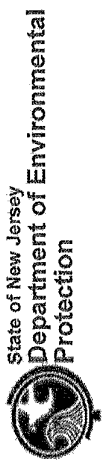
6) This report is due: 07/30/2013
(MM/DD/YYYY)

and covers the reporting period from: 01/01/2013 to: 06/30/2013
(MM/DD/YYYY) (MM/DD/YYYY)

7) The methods used to determine the compliance status for each permit limitation are, at a minimum, as specified in the approved operating permit.

Section II - Compliance Certification Statement**Compliance Status for the Reporting Period:**

- ☒ a. Pursuant to N.J.A.C. 7:27-22.19(f)1.i, I hereby state that this facility is currently in compliance with all applicable requirements as indicated in the facility specific requirements of my operating permit and has been in continuous compliance for the time period listed in Section I.3 above.
- ☐ b. Pursuant to N.J.A.C. 7:27-22.19(f)1.i, I hereby state that this facility is currently in compliance with all applicable requirements as indicated in the facility specific requirements of operating permit but had periods of non-compliance during the time period listed in Section I.3 above which are listed in the Deviation Summary tab.
- ☐ c. Pursuant to N.J.A.C. 7:27-22.19(f)1.ii, I hereby state that this facility is in compliance with all applicable requirements as indicated in the facility specific requirements of my operating permit for the time period listed in Section I.3 above except those applicable requirements listed in the compliance schedule, included in my operating permit pursuant to N.J.A.C. 7:27-22.9(c)7, which includes a sequence of actions with milestones leading to compliance with the applicable requirement.
- ☐ d. Pursuant to N.J.A.C. 7:27-22.19(f)1.iii, I hereby state that this facility is in compliance with all applicable requirements for the time period listed in Section I.3 above as indicated in the facility specific requirements of my operating permit, except for those applicable requirements included in an order or consent decree not incorporated into a compliance schedule.
- ☐ e. Pursuant to N.J.A.C. 7:27-22.19(f)1.iv, I hereby state that this facility is currently not in compliance with at least one applicable requirement in the facility specific requirements of my operating permit, which are listed in the Deviation Summary tab.
- ☒ f. None of the above. This is a semi-annual report.



Section IIIb - Summary of Facility and Emission Unit Compliance Status

Add Rows Insert Row Delete Rows

Permit Activity Number	Select the Subject Item(s) from the Operating Permit associated with the Deviation		Requirement Reference #	Requirement Type	Description of Deviation	Compliance Status at End of the Reporting Period	Was this Deviation Intermittent or Continuous Throughout the Reporting Period?
	SI Type	SI Number					

Summary of Facility and Emission Unit Compliance Status						Section 11(b) - Summary	
Deviation Notification / Department Response Status	Compliance Report Type	Enforcement Action Activity Number	Communication Center Notification Number or Reported Date	Recurring Deviation of Requirement	List all Deviation Dates or Date Ranges	Deviation Discovery Date	Affirmative Defense Requested?

<p>History of Facility and Emission Unit Compliance Status</p>
--

Did the Deviation Result in Excess Emissions?	Estimate the Amount of Emissions below		Comments
	Type of Contaminants	Amount (lbs.)	
			Describe the steps taken to correct the problem (e.g., steps taken to mitigate excess emissions equipment repairs, etc.) and the preventive measures applied to avoid future incidents.



State of New Jersey
Department of Environmental
Protection

Section IIIa - Summary of Facility and Emission Unit Compliance Status		
Add Rows	Insert Row	Delete Rows
		Set All Yes/No
Permit Activity ID	<i>Each unit includes ALL Operating Scenarios (OS), Steps (ST), Control Devices (CD), Emission Point (PT), Group (GR) and Equipment (E) listed under that UNIT or BP</i> Emission Unit/Batch Process	Continuous Compliance Throughout the Reporting Period

[Skip Navigation](#)[njdep home](#) | [about dep](#) | [index by topic](#) | [programs/units](#) | [dep online](#)[My Workspace](#)[User Profile](#)[Certifications](#)[Payments](#)[Documents and Forms](#)[Permit Folder](#)

Version: 5.0

65500

Currently logged in: robert braun (NUR4B) PSEG NUCLEAR LLC HOPE CRK & SALEM GEN STA

[Help](#) | [Logout](#)**SUBMISSION CONFIRMATION**[Printer Friendly Version](#)

1 - Instructions

2 - Submission
Name

3 - Facility Selection

4 - Contacts

5 - Spreadsheet
Upload6 - Upload
Confirmation7 - Attachment
Upload

8 - Certification

9 - Submission
Confirmation**Please Note**

You may click on a
previously visited page
(above) to navigate
back to that screen.

The following was successfully submitted:

Submission:
Report

319400:PSEG Nuclear 2013 6 Month Deviation

Your application has been submitted. We will contact you if further information is
needed.



SERVICE SUMMARY**Facility Profile**

Facility ID: 65500
Facility Name: PSEG NUCLEAR LLC
HOPE CRK & SALEM
GEN STA

County: Salem

Facility Location: ALLOWAY CREEK
NCK RD
Hancocks Bridge, NJ
08038

Mailing Address: PO BOX 236 MC N21

Hancocks Bridge, NJ
08038

Contacts

Name: Helen Gregory
Title:
Contact Type: Compliance Certification Contact
E-Mail: Helen.Gregory@pseg.com
Phone: 8563391341 (Work Phone Number)

Specific Registration Information

[Click here to review the uploaded form.](#) *(If the uploaded form does not appear, click on the link to view the form while holding down the CTRL key. Continue holding down the CTRL key until the pop-up appears.)*

Certification

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

Helen Gregory
Individual With Direct Knowledge

07/24/2013
Date

"I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attached documents and, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate and complete. I am aware that there are significant civil and criminal penalties, including the possibility of fine or imprisonment or both, for

submitting false, inaccurate or incomplete information."

robert braun
Responsible Official

07/24/2013
Date

JAN 28 2014

VIA ELECTRONIC SUBMITTAL

LR-E14-0018



Richelle Wormley
State of New Jersey
Department of Environmental Protection
Southern Regional Office - Bureau of Compliance and Enforcement
One Port Center
2 Riverside Drive, Suite 201
Camden, NJ ~~08625-0407~~
08102

Re: PSEG Nuclear LLC- 2013 Annual Certification Report
Permit Activity Number: BOP120003
Program Interest Number: 65500

Dear Ms. Wormley:

Enclosed is the Annual Title V Compliance Certification for PSEG Nuclear LLC ("PSEG Nuclear") covering the period of January 1, 2013 through December 31, 2013. The Annual Compliance Certification has been prepared using the Department's electronic submittal forms and process. In addition, PSEG Nuclear is submitting this report within 30 days following the end of the calendar year in order to also qualify the report as the 6-month Deviation Report, as required by N.J.A.C. 7:27-22.19(d) 3.

This certification includes a Title V deviation under unit U120 for exceeding the hours of operation permitted. A separate permit modification has been submitted in concert with this report to the Department requesting an increase in the hours of operations for U120.

If you have any questions, please do not hesitate to contact me at (856) 339-1341 or Luis Cataldo at (856) 339-2678.

Sincerely,

A handwritten signature in cursive script, appearing to read "Helen L. Gregory".

Helen L. Gregory
Environmental Compliance Manager - Nuclear

cc: Steven Riva/USEPA Region II - via FedEx *with mail*

LR-E14-0018

bcc: L. Holgado

J. Sindoni

P. Davison

J. Perry

E. Carr

L. Wagner

G. Smith

A. Kraus

Section I - Facility Information1) Facility Name: PSEG Nuclear2) Program Interest Number (5-Digit): 65500

The permittee shall submit to the Department and to the EPA, a periodic compliance certification, in accordance with N.J.A.C. 7:27-22.19(f) and the schedule for submittal of compliance certifications set forth in the compliance plan of your operating permit. The annual compliance certification is due to the Department and the EPA within 60 days of the expiration of each 1-year anniversary of the Initial Operating Permit Approval Date, unless otherwise specified in your approved operating permit.

3) Submittal Type: Combined (Choose from List)4) Is this a revision of an already submitted report? No (Choose from List)5) Reporting Year: 20136) This report is due: 01/30/2014
(MM/DD/YYYY)and covers the reporting period from: 01/01/2013 to: 12/31/2013
(MM/DD/YYYY) (MM/DD/YYYY)

7) The methods used to determine the compliance status for each permit limitation are, at a minimum, as specified in the approved operating permit.

Section II - Compliance Certification Statement**Compliance Status for the Reporting Period:**

- ☐ a. Pursuant to N.J.A.C. 7:27-22.19(f)1.i, I hereby state that this facility is currently in compliance with all applicable requirements as indicated in the facility specific requirements of my operating permit and has been in continuous compliance for the time period listed in Section I.3 above.
- ☒ b. Pursuant to N.J.A.C. 7:27-22.19(f)1.i, I hereby state that this facility is currently in compliance with all applicable requirements as indicated in the facility specific requirements of operating permit but had periods of non-compliance during the time period listed in Section I.3 above which are listed in the Deviation Summary tab.
- ☐ c. Pursuant to N.J.A.C. 7:27-22.19(f)1.ii, I hereby state that this facility is in compliance with all applicable requirements as indicated in the facility specific requirements of my operating permit for the time period listed in Section I.3 above except those applicable requirements listed in the compliance schedule, included in my operating permit pursuant to N.J.A.C. 7:27-22.9(c)7, which includes a sequence of actions with milestones leading to compliance with the applicable requirement.
- ☐ d. Pursuant to N.J.A.C. 7:27-22.19(f)1.iii, I hereby state that this facility is in compliance with all applicable requirements for the time period listed in Section I.3 above as indicated in the facility specific requirements of my operating permit, except for those applicable requirements included in an order or consent decree not incorporated into a compliance schedule.
- ☐ e. Pursuant to N.J.A.C. 7:27-22.19(f)1.iv, I hereby state that this facility is currently not in compliance with at least one applicable requirement in the facility specific requirements of my operating permit, which are listed in the Deviation Summary tab.
- ☐ f. None of the above. This is a semi-annual report.



State of New Jersey
Department of Environmental
Protection

Section IIIa - Summary of Facility and Emission Unit Compliance Status

Add Rows

Insert Row

Delete Rows

Set All Yes/No

Permit Activity ID	Each unit includes ALL Operating Scenarios (OS), Steps (ST), Control Devices (CD), Emission Point (PT), Group (GR) and Equipment (E) listed under that UNIT or BP Emission Unit/Batch Process	Continuous Compliance Throughout the Reporting Period
BOP120003	FC	Yes
BOP120003	U1	Yes
BOP120003	U11	Yes
BOP120003	U19	Yes
BOP120003	U22	Yes
BOP120003	U24	Yes
BOP120003	U33	Yes
BOP120003	U34	Yes
BOP120003	U35	Yes
BOP120003	U36	Yes
BOP120003	U37	Yes
BOP120003	U39	Yes
BOP120003	U40	Yes
BOP120003	U41	Yes
BOP120003	U42	Yes
BOP120003	U43	Yes
BOP120003	U44	Yes
BOP120003	U45	Yes
BOP120003	U46	Yes
BOP120003	U47	Yes
BOP120003	U49	Yes
BOP120003	U55	Yes
BOP120003	U56	Yes
BOP120003	U57	Yes
BOP120003	U58	Yes
BOP120003	U60	Yes
BOP120003	U70	Yes
BOP120003	U71	Yes
BOP120003	U72	Yes
BOP120003	U73	Yes
BOP120003	U74	Yes
BOP120003	U75	Yes
BOP120003	U120	No
BOP120003	U130	Yes
BOP120003	U140	Yes
BOP120003	U141	Yes
BOP120003	FG3	Yes
BOP120003	FG7	Yes
BOP120003	IS1	Yes
BOP120003	IS2	Yes
BOP120003	IS4	Yes
BOP120003	IS5	Yes
BOP120003	IS6	Yes
BOP120003	IS16	Yes
BOP120003	IS100	Yes
BOP120003	IS102	Yes
BOP120003	IS103	Yes
BOP120003	IS104	Yes
BOP120003	IS105	Yes
BOP120003	IS106	Yes
BOP120003	IS107	Yes
BOP120003	IS108	Yes
BOP120003	IS109	Yes
BOP120003	IS110	Yes
BOP120003	IS111	Yes

State of New Jersey
Department of Environmental
Protection

Section 111b - Summary of Facility and Emission Unit Compliance Status													Section 111b - Summary of Facility and Emission Unit Compliance Status												
Form Activity Number	Select the Subject Item(s) from the Operating Permit associated with the Deviation			Requirement Reference (A)	Description of Deviation	Compliance Status at End of the Reporting Period	Was this Deviation Interrupted for Continuous Compliance?	Deviation Notification Status Reported to Department?	Compliance Report Type	Enforcement Action Number	Communication Number or Date Reported	Reporting Deviation Requirements met?	Last all Deviation Dates or Date Range	Deviation Discovery Date	Affirmative Defense Requested?	Did the Deviation Result in Excess?	Type of Excess Containment	Amount (lb)	Comments						
	SI Type	Number	Separate Number																	Estimate the Amount of Emissions below	Comments				
BOP12003	U	120	0	10(A) Applicable	PSEG Nuclear operated the circulating water bay pumps for a total of 995.6 hours during calendar year 2013, exceeding the permit limit of 800 hours.	Out of Compliance (OC)	Continuous	None				No	10/1/13 - 12/31/13	1/14/2014	No	No			PSEG Nuclear will modify its Title V permit to increase the allowable hours of operation.						

SERVICE SUMMARY**Facility Profile**

Facility ID: 65500
Facility Name PSEG NUCLEAR LLC
HOPE CRK & SALEM
GEN STA

County: Salem

Facility Location: ALLOWAY CREEK
NCK RD
Hancocks Bridge, NJ
08038

Mailing Address: PO BOX 236 MC N21

Hancocks Bridge, NJ
08038

Contacts


Name: Helen Gregory
Title:
Contact Type: Compliance Certification Contact
E-Mail: Helen.Gregory@pseg.com
Phone: 8563391341 (Work Phone Number)

Specific Registration Information

[Click here to review the uploaded form.](#) *(If the uploaded form does not appear, click on the link to view the form while holding down the CTRL key. Continue holding down the CTRL key until the pop-up appears.)*

Certification

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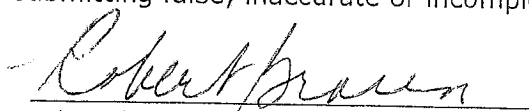

Helen Gregory
Individual With Direct Knowledge

01/28/2014

Date

"I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attached documents and, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate and complete. I am aware that there are significant civil and criminal penalties, including the possibility of fine or imprisonment or both, for

submitting false, inaccurate or incomplete information."


robert braun
Responsible Official

01/28/2014
Date

SERVICE SUMMARY**Facility Profile**

Facility ID: 65500
Facility Name: PSEG NUCLEAR LLC
HOPE CRK & SALEM
GEN STA
County: Salem
Facility Location: ALLOWAY CREEK
NCK RD
Hancocks Bridge, NJ
08038
Mailing Address: PO BOX 236 MC N21
Hancocks Bridge, NJ
08038

Contacts

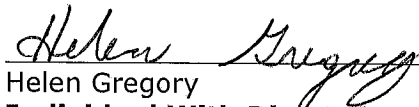
Name: Helen Gregory
Title:
Contact Type: Compliance Certification Contact
E-Mail: Helen.Gregory@pseg.com
Phone: 8563391341 (Work Phone Number)

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Helen Gregory

Individual With Direct Knowledge

01/28/2014

Date

"I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attached documents and, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate and complete. I am aware that there are significant civil and criminal penalties, including the possibility of fine or imprisonment or both, for

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Permit Folder

Version: 5.1

65500

Currently logged in: Helen Gregory (HELEN.GREGORY)PSEG NUCLEAR LLC HOPE CRK & SALEM GEN STA Help | Logout

CERTIFICATION - SINGLE SUBMISSION SUMMARY**367657 - 2013 Annual Compliance Certification**

To certify electronically, please click on the blue ribbon.

Required	Name	Certifier Type	Certifier Status	Notification Status	Certify Electronically	Certify via Paper	Remove Certifier
		Individual With Direct Knowledge	Not Certified	Notifications last sent on 01/28/2014.			
	robert braun	Responsible Official	Certified on 01/28/2014	Notifications last sent on 01/28/2014.			

Clicking a column title will sort the table by that column.

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Department of Environmental Protection
P. O. Box 402
Trenton, NJ 08625-0402

Last Updated: June 24, 2004

Attachment 2
Verification Completion Form
Page 1 of 1

Verification Documentation

Correspondence/Letter number: LR-E14-0018 Origination Date: 01/21/2014

Agency/External Stakeholder: NJDEP/EPA Submittal Due Date: 01/30/2014

Recipient of Correspondence: Ms. Wormley (Air Compliance & Enforcement)
(name and title if known)

Purpose of Submittal: Electronic Submittal – Title Annual Compliance Certification

Originating Office: ☒ Salem ☒ Hope Creek ☐ PSEG Nuclear Corporate

Preparer: ERM Consultants e-mail 1/21/2014
(print) (sign) (date)

Peer Reviewer: Luis Cataldo Luis Cataldo 1/24/2014
(print) (sign) (date)

Certified Mail Return Receipt Requested: ☐ Yes ☒ No

Approvals (check box if applicable)

	Applicable	Date Review Needed	Signature of Reviewer	Date of Review
Site Departments				
Manager - Nuclear Environmental Affairs	<input checked="" type="checkbox"/>		<u>Adam Krug</u>	<u>1/24/14</u>
Operations	<input type="checkbox"/>			
Engineering	<input type="checkbox"/>			
Regulatory Assurance	<input type="checkbox"/>			
Corporate				
Site Vice President – R. Braun	<input checked="" type="checkbox"/>		<u>R</u>	<u>1/28/14</u>
Site Management				
Salem Plant Manager –				
Salem Vice President – J. Perry	<input checked="" type="checkbox"/>		<u>John F. Perry</u>	<u>1-27-14</u>
HC Plant Manager –				
HC Vice President – P. Davison	<input checked="" type="checkbox"/>		<u>Paul J. Davison</u>	<u>1/28/14</u>
Other	<input type="checkbox"/>			
<input type="checkbox"/> Report Signed and Approved				

Attach additional page for comments.

memo

MEMORANDUM

To: File
From: Luis Cataldo
CC: DCRMS
Date: 6/30/2014
Re: LR-E14-0099, 2013 Release and Pollution Prevention Report

Comments: The attached report was submitted electronically/online to the NJDEP on 6/26/2014. Proof of submittal is attached.

RELEASE & POLLUTION PREVENTION REPORT FOR 2013

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF POLLUTION PREVENTION & RIGHT TO KNOW
P.O. BOX 443, TRENTON, NJ 08625-0443

FACID: 00585211041

NAICS: 221113

FEIN: 223663480

COMU: 1704

PSEG NUCLEAR LLC END OF ALLOWAY CREEK NCK RD HANCOCKS BRIDGE, NJ 08038	PSEG NUCLEAR LLC ALLOWAY CREEK NECK RD HANDCOCK BRIDGE, NJ 08038
--	--

MAILING ADDRESS

FACILITY LOCATION

SECTION A. GENERAL FACILITY INFORMATION

- 1.1 Person to contact regarding this report
Name (printed) HELEN GREGORY
- 1.2 Title MGR-ENVIRONMENTALCOMP
- 1.3 Phone number (856)339-1341
- 1.4 Fax # (856)339-2036
- 1.5 Contact's address (if different than facility address)
2. Briefly describe the nature of business conducted at this facility
ELECTRIC POWER GENERATION
3. TRI Facility ID Number: 08038NCLRBENDOF
4. Facility NJ RTK Research & Development Laboratory exemption approval number:
5. Is this facility subject to filing any EPA Toxic Release Inventory Forms (Form R or Form A) for calendar year 2013? ☒ Yes ☐ No
- 5.1 Number of Forms R subject to reporting for 2013: 0
- 5.2 Number of Forms A subject to reporting for 2013: 1
6. Is this facility subject to filing the Waste Generation and Management Form (Form GM) as part of the 2013 Hazardous Waste Generator Biennial Report? ☒ Yes ☐ No
7. Wastewater Discharges
- 7.1 If there is a discharge of a reported substance to a publicly owned treatment works (POTW), complete the following:
- Name of utility (POTW) N/A
 - Address (physical location)
 - Estimated average volume of wastewater discharged to POTW daily (gallons per day)
 - Briefly describe any pretreatment methods employed
- 7.2 If there is a discharge of a reported substance to a surface water, a navigable waterway, or to a tributary system, complete the following:
- Name of receiving stream DELAWARE RIVER
 - Estimated average volume of wastewater discharged to receiving stream (gallons per day) 999999999
 - Briefly describe any pretreatment methods employed
- 7.3 If there is a discharge of a reported substance to groundwater, complete the following:
- Estimated average volume of wastewater discharged to groundwater (gallons per day)

b. Briefly describe any pretreatment methods employed

8. Trade Secret Claims

8.1 Does this report contain any trade secret (confidential business information) claims for Section B data? ☐ Yes ☒ No

8.2 Does this report contain any trade secret (confidential business information) claims for Section C or D data? ☐ Yes ☒ No

(You are required to provide full documentation on any trade secret (confidentiality) claim. Refer to the instructions booklet, *Trade Secret Claim*.)

9. Waste Hauler Information - Provide the full names and locations (include street, city, state, and zip code) and the USEPA ID Number, or NJ Solid Waste Transporter Registration Number if applicable, of the hauler services that transported production-related wastes containing reported substances to off-site locations in 2013.

EPA ID# SOLID WASTE ID#	Name of Hauler	Address	City	State	Zip Code
-------------------------------	----------------	---------	------	-------	----------

10. CERTIFICATION OF EMPLOYER OR DULY AUTHORIZED REPRESENTATIVE - I certify under penalty of law that I have personally examined and am familiar with the information submitted in Sections A and B of this report and all attachments, and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

-->

Signature Submitted and certified electronically by Helen Gregory

Date 06/26/2014

Phone No. (856)339-1341 Title Env Compliance Mgr

NOTE: You are required pursuant to the authority of N.J.S.A. 34:5A-7(b) to forward a copy of this report to your RTK County Lead Agency. (See RPPR Appendix D for appropriate addresses.)

SECTION B. FACILITY-LEVEL SUBSTANCE-SPECIFIC INFORMATION

FACID: 00585211041	
PSEG NUCLEAR LLC ALLOWAY CREEK NECK RD , HANDCOCK BRIDGE, NJ 08038	
1.1 CAS No. (Category No.) 302-01-2	
1.2 RTK Substance No. 1006	
1.3 Substance Name (or Category Name) HYDRAZINE	
1.4 Does this section contain any trade secret (confidential business information) claims for data in question #5 through #10 (excluding #5.1 and #10.1)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

2. Activities and Uses of the Substance at the Facility (Check all that apply.)			
2.1	Manufacture the Substance:	a. <input type="checkbox"/> Produce	If "produce" or "import" then: c. <input type="checkbox"/> For on-site use/processing
		b. <input type="checkbox"/> Import	d. <input type="checkbox"/> For sale/distribution
2.2	Process the Substance:	a. <input type="checkbox"/> As a reactant	b. <input type="checkbox"/> As a formulation component
		d. <input type="checkbox"/> Repackaging	e. <input type="checkbox"/> As an impurity
2.3	Otherwise use Substance:	a. <input type="checkbox"/> As a chemical processing aid	c. <input checked="" type="checkbox"/> Ancillary or other use
		b. <input type="checkbox"/> As a manufacturing aid	
3.1	Principal Method of Storage: TI, Other Storage Method: null		
3.2	Frequency of Transfer from Storage: 365 times per CONTIN		

3.3 Methods of Transfer: PIPE

INVENTORY AND THROUGHPUT INFORMATION

	INVENTORY	N/A	Quantity (in pounds)	Basis of Estimate
4.	Maximum Daily Inventory of the Substance	<input type="checkbox"/>	16,680	O
	INPUTS	N/A	Quantity	Basis of Estimate
5.	Starting Inventory of the Substance	<input type="checkbox"/>	16,680	O
5.1	Quantity of Starting Inventory that is Nonproduct Output (NPO)	<input type="checkbox"/>	0	O
6.	Quantity Produced on Site	<input type="checkbox"/>	0	O
7.	Quantity Brought on Site	<input type="checkbox"/>	24,177	O
7.1	Quantity Brought on Site as Recycled Substance	<input type="checkbox"/>	0	O
	OUTPUTS		Quantity (in pounds)	Basis of Estimate
8.	Quantity Consumed on Site (chemically reacted in process)	<input type="checkbox"/>	24,177	O
9.	Quantity Shipped off Site as (or in) Product	<input type="checkbox"/>	0	O
10.	Ending Inventory of the Substance	<input type="checkbox"/>	16,680	O
10.1	Quantity of Ending Inventory that is Nonproduct Output (NPO)	<input type="checkbox"/>	0	O
11.	Total Nonproduct Output		0	
	USE (calculated from Section B data)		24,177	
	ON-SITE MANAGEMENT OF NONPRODUCT OUTPUT		Quantity (in pounds)	Basis of Estimate
12.	Quantity Recycled Out-of-Process on Site and Used on Site	<input checked="" type="checkbox"/>		
13.	Quantity Destroyed through On-Site Treatment	<input type="checkbox"/>		
14.	Quantity Destroyed through On-Site Energy Recovery	<input checked="" type="checkbox"/>		
	RELEASE INFORMATION (Substance Specific)		Quantity (in pounds)	Basis of Estimate
15.	Total Stack or Point Source Air Emissions	<input type="checkbox"/>	0	O
16.	Total Fugitive or Non-Point Source Air Emissions	<input type="checkbox"/>	0	O
17.	Total Discharge to Publicly Owned Treatment Works (POTW)	<input checked="" type="checkbox"/>		
18.	Total Discharge to Surface Waters	<input type="checkbox"/>	0	O
19.	Total Discharge to Groundwater	<input checked="" type="checkbox"/>		

20. On-Site Land Disposal: ☒ N/A21. Transfers to Other Off-Site Locations: ☒ N/A

22. Quantity released to the environment as a result of remedial actions, catastrophic events, or one-time events not associated with production processes (pounds/year):

		Quantity	Units of Measurement and Product Description
23.	2013 Quantity and Units of Production Associated with the Reported Substance:	1. 18,671,590	MWHRS
		2.	
		3.	

4.

***PRODUCTION:** Whenever possible, "UNITS" should be mass or surface area units only, such as pounds of material manufactured or square footage of product involved.

24. Has any reduction or elimination of either the use of the reported substance or the generation of the reported substance as nonproduct output (NPO) occurred during 2013 due to discontinuance of operations?

☐ Yes ☒ No If "Yes", fill in below:

	Quantity of Substance Reduced (in pounds) (2012 to 2013)	Basis of Estimate
Quantity of substance reduced in pounds (2012 to 2013) due to the discontinuance of operations, including operations transferred to or undertaken by another facility		

POLLUTION PREVENTION ACTIVITIES

For the purpose of this question and Sections C and D of this report, pollution prevention means: the reduction or elimination of either the use of the reported substance or the generation of the reported substance as nonproduct output, prior to treatment, storage, out-of-process recycling, or disposal. Pollution prevention is not any type of treatment, out-of-process recycling, incineration, or the transfer of releases to different media.

25. Has any material-related change (change in the amount of the reported substance used due to substitution of a non-listed substance) been employed to reduce the quantity of this reported substance during 2012 relative to 2013 levels?

☐ Yes ☒ No If "Yes," fill in the table below:

POLLUTION PREVENTION METHODOLOGY	Quantity of Substance Reduced (in pounds) (2012 to 2013)	Basis of Estimate
Material-Related Change (change in the amount of the substance used due to substitution of other non-listed substance)		
CAS Number, Substance Name and Quantity of Substitute Substance		
<u>CAS Number</u>	<u>Substance Name</u>	<u>Quantity (pounds)</u>
a)		
b)		
c)		

SECTION C. FACILITY-LEVEL SUBSTANCE-SPECIFIC POLLUTION PREVENTION PROGRESS

FACID: 00585211041
PSEG NUCLEAR LLC ALLOWAY CREEK NECK RD HANDCOCK BRIDGE, NJ 08038
1.1 CAS No. (Category No.) 302-01-2
1.2 Substance Name (Category Name) HYDRAZINE

2. Production Ratio or Activity Index (based on the USE per number of units of product)	From Base Year	From Previous Year
	1.28	1.38
3. Percent Change from Base Year (based on the USE or NPO per number of units of product)	USE	NPO
	-32.1	0

4. Note the Process ID of any production processes that your facility discontinued or sent off site in 2013. These Process IDs should match those identified in your Pollution Prevention Plan Summary. If any of the listed processes involved more than one reportable substance, identify the process ID only once. If no production processes were discontinued or sent off site in 2013, then leave this blank.

SECTION D: PROCESS-LEVEL POLLUTION PREVENTION INFORMATION FOR TARGETED PROCESSES

FACID: 00585211041

PSEG NUCLEAR LLC
ALLOWAY CREEK NECK RD
HANDCOCK BRIDGE, NJ 08038

- 1.1 Process ID (Must be the same ID listed in the Pollution Prevention Plan Summary). 000000000001
- 1.2 ☐ Check here if your facility made a production process change in 2013 that triggered a modification to the Pollution Prevention Plan or Pollution Prevention Plan Summary.
- 1.3 ☐ Check here if your facility's pollution prevention progress was less than anticipated for any hazardous substance within this targeted process and explain below.

2.1 Substance Name (Category Name)	Percent Change Per Unit of Product		4.1 Pollution Prevention Techniques Used in 2013 (use 3-digit codes in Appendix E of the instructions)	4.2 Pollution Prevention Techniques Planned for 2014 (use 3-digit codes in Appendix E of the instructions)
2.2 CAS Number (Category No.)	3.1 USE	3.2 NPO		
HYDRAZINE	-	0		
302-01-2	32.11	0		

POLLUTION PREVENTION PROCESS-LEVEL DATA WORKSHEET (P2-115)

Note: This worksheet is required as part of the Pollution Prevention Plan, and is optional as a submittal in lieu of Sections C and D of the Release and Pollution Prevention Report.

Base Year 2009

FACID: 00585211041	Process ID (from P2 Plan Summary)	000000000001
PSEG NUCLEAR LLC	Units of Production (e.g., type of widget, lbs. of chemical, square feet of product)	MWHRs
END OF ALLOWAY CREEK NCK RD	Is process targeted? (Y/N)	<u>Y</u>
HANCOCKS BRIDGE, NJ 08038	Is this a grouped process? (Y/N)	<u>N</u>

FACILITY LOCATION

CAS No.: 302-01-2		Hazardous Substance: HYDRAZINE					
		Base Year	Year 1	Year 2	Year 3	Year 4	Year 5
Production Quantity		20,795,038	21,078,274	20,713,052	19,300,884	26,544,994	
USE (pounds)		14,336	17,920	22,848	32,514	24,177	
	Consumed	14,336	17,920	22,848	32,514	24,177	
	Shipped off-site as (or in) product	0	0	0	0	0	
NPO (pounds)		0	0	0	0	0	
	Recycled out of process	0	0	0	0	0	
	Destroyed: on-site treatment	0	0	0	0	0	
	Destroyed: on-site energy recovery	0	0	0	0	0	
	Stack air emissions	0	0	0	0	0	
	Fugitive air emissions	0	0	0	0	0	
	Discharge to POTWs	0	0	0	0	0	
	Discharge to surface waters	0	0	0	0	0	
	Discharge to groundwater	0	0	0	0	0	
	On-site land disposal	0	0	0	0	0	
	Transferred off site	0	0	0	0	0	
	Ending Inv. as NPO minus Starting Inv. as NPO	0	0	0	0	0	
P2 techniques used in given year (see codes in RPPR Appendix E)							
Was this process discontinued or sent off site in the given year?		N	N	N	N		
Did facility make process change(s) that triggered a Plan modification?		N	N	N	N		
Was facility's P2 progress (targeted process only) less than anticipated?		N	N	N	N		

CERTIFICATION OF OWNER OR OPERATOR - I certify under penalty of law that the information submitted in this Pollution Prevention Progress Report is true, accurate and complete to the best of my knowledge.

Signature Submitted and certified electronically by Helen Gregory

Date 06/26/2014

Phone No. (856)339-1341

Title Env Compliance Mgr



Release and Pollution Prevention Report and Pollution Prevention Plan Summary

HELEN.GREGORY

ID: 00585211041

Version 5.11

Facility Name: PSEG NUCLEAR LLC

Help | My Workspace | Logout

Identification

Select a topic...

Guidance Documents

Release & Pollution Prevention Reporting & Planning

Select a topic...

Reporting Tools

Select a topic...

RPPR and P2 Plan Summary Folder for PSEG NUCLEAR LLC

The RPPR and P2 Plan Summary Folder displays a list of in-progress and electronically submitted RPPR and P2 Plan Summary reports for this Facility ID.

To view an existing report or to access a report's print options, click on the print icon next to that report's row.

To modify a specific report click on a link in the Report Type field. (Note: using this option on a submitted report will change its status from Submitted to Submitted Pending or Awaiting Certification, as this option should only be used if you are modifying the report in order to resubmit.)

To submit a pending report listed below, click on the Certification and Submittal button below or click the Certification and Submittal menu option to the left, under the Reporting Tools header.

View	Print	Report Type	Reporting Year	Status	Creation Date	Submittal Date	Revision Date	Revised Submittal Date
		Release & Pollution Prevention Report	2000	Submitted Pending	09/26/01	10/30/01		
		Section A						
		Release & Pollution Prevention Report	2001	Submitted Pending	06/06/02	08/16/02	06/11/03	
		Release & Pollution Prevention Report	2002	Submitted Pending	06/09/03	06/30/03	07/10/03	
		Release & Pollution Prevention Report	2003	Submitted	05/21/04	06/30/04		
		Section A Section B Section C Section D						
		Release & Pollution Prevention Report	2004	Submitted	06/22/05	07/05/05		
		Section A Section B Section C Section D						
		Release & Pollution Prevention Report	2005	Submitted	06/16/06	07/03/06		
		Section A Section B Section C Section D						
		Release & Pollution Prevention Report	2006	Submitted	06/14/07	06/29/07		
		Section A Section B Section C Section D						
		Release & Pollution Prevention Report	2007	Submitted	06/18/08	06/27/08		
		Section A Section B Section C Section D						
		Release & Pollution Prevention Report	2008	Submitted	06/16/09	06/30/09		
		Section A Section B Section C Section D						
		Pollution Prevention Plan Summary	2009	Submitted	06/23/10	07/01/10		
		Section A Section B Section C/D						
		Release & Pollution Prevention Report	2009	Submitted	06/15/10	07/01/10		
		Section A Section B Section C Section D						
		Release & Pollution Prevention Report	2010	Awaiting Certification	06/06/11	06/16/11	06/04/12	
		Section A Section B Section P2-115						
		Release & Pollution Prevention Report	2011	Submitted	06/04/12	07/02/12		

**Attachment 2
Verification Completion Form
Page 1 of 1**

Verification Documentation

Correspondence/Letter number: LR-E14-0099 Origination Date: 6/24/14

Agency/External Stakeholder: NJDEP Submittal Due Date: 7/1/14

Recipient of Correspondence: Memo to File (Electronic Submittal)
(name and title if known)

Purpose of Submittal: Annual Release Pollution Prevention Report 2011/ Pollution Prevention Plan

Originating Office: ☒ Salem ☒ Hope Creek ☐ PSEG Nuclear Corporate

Preparer: ERM Consultant by phone 6/24/14
(print) (sign) (date)

Peer Reviewer: Luis Cataldo Luis Cataldo 6/24/14
(print) (sign) (date)

Certified Mail Return Receipt Requested: ☒ Yes ☐ No

Approvals (check box if applicable)

	Applicable	Date Review Needed	Signature of Reviewer	Date of Review
Site Departments				
Nuclear Environmental Compliance Manager	<input checked="" type="checkbox"/>		<u>Robert Greig</u>	<u>6/26/14</u>
Chemistry	<input type="checkbox"/>			
Operations	<input type="checkbox"/>			
Engineering	<input type="checkbox"/>			
Regulatory Assurance	<input type="checkbox"/>			
Corporate				
CFAM-	<input type="checkbox"/>			
Site Management				
Plant Manager	<input type="checkbox"/>			
Site Vice President	<input type="checkbox"/>			
Other:	<input type="checkbox"/>		<input type="checkbox"/> Report Signed and Approved	
Other:	<input type="checkbox"/>			

Attach additional page for comments.

JUN 30 2014



LR-E14-0100

Certified Mail, Return Receipt Requested
Article Number: 7012 1640 0000 4240 3671

Salem County Department of Health
Community Right to Know Coordinator
98 Market Street
Salem, NJ 08079-1996

**RE: Release & Pollution Prevention Report - 2013
Salem and Hope Creek Generating Stations
TRI Facility ID No. 08038NCLRBENDOF
CRTK Facility ID No. 223663480**

Please find enclosed the Release and Pollution Prevention Report (RPPR) for the 2013 reporting year for the subject facility.

This information is being submitted as required under Section 313 Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and the Pollution Prevention Act of 1990.

Should you have any questions or require further information, please do not hesitate to call Luis Cataldo at (856) 339-2678.

A handwritten signature in cursive script that reads "Helen Gregory".

Helen Gregory
Environmental Compliance Manager – Nuclear

Enclosures (TRI & RPPR reports)

bcc:

A. Kraus - NEA
Records Management

RELEASE & POLLUTION PREVENTION REPORT FOR 2013

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF POLLUTION PREVENTION & RIGHT TO KNOW
P.O. BOX 443, TRENTON, NJ 08625-0443

FACID: 00585211041

NAICS: 221113

FEIN: 223663480

COMU: 1704

PSEG NUCLEAR LLC END OF ALLOWAY CREEK NCK RD HANCOCKS BRIDGE, NJ 08038	PSEG NUCLEAR LLC ALLOWAY CREEK NECK RD HANDCOCK BRIDGE, NJ 08038
--	--

MAILING ADDRESS

FACILITY LOCATION

SECTION A. GENERAL FACILITY INFORMATION

1.1 Person to contact regarding this report

Name (printed) HELEN GREGORY1.2 Title MGR-ENVIRONMENTALCOMP1.3 Phone number (856)339-13411.4 Fax # (856)339-2036

1.5 Contact's address (if different than facility address)

2. Briefly describe the nature of business conducted at this facility

ELECTRIC POWER GENERATION3. TRI Facility ID Number: 08038NCLRBENDOF

4. Facility NJ RTK Research & Development Laboratory exemption approval number:

5. Is this facility subject to filing any EPA Toxic Release Inventory Forms (Form R or Form A) for calendar year 2013?

☒ Yes ☐ No5.1 Number of Forms R subject to reporting for 2013: 05.2 Number of Forms A subject to reporting for 2013: 16. Is this facility subject to filing the Waste Generation and Management Form (Form GM) as part of the 2013 Hazardous Waste Generator Biennial Report? ☐ Yes ☒ No

7. Wastewater Discharges

7.1 If there is a discharge of a reported substance to a publicly owned treatment works (POTW), complete the following:

a. Name of utility (POTW) N/A

b. Address (physical location)

c. Estimated average volume of wastewater discharged to POTW daily (gallons per day)

d. Briefly describe any pretreatment methods employed

7.2 If there is a discharge of a reported substance to a surface water, a navigable waterway, or to a tributary system, complete the following:

a. Name of receiving stream DELAWARE RIVERb. Estimated average volume of wastewater discharged to receiving stream (gallons per day) 999999999

c. Briefly describe any pretreatment methods employed

7.3 If there is a discharge of a reported substance to groundwater, complete the following:

a. Estimated average volume of wastewater discharged to groundwater (gallons per day)

b. Briefly describe any pretreatment methods employed

8. Trade Secret Claims

8.1 Does this report contain any trade secret (confidential business information) claims for Section B data? ☐ Yes ☒ No

8.2 Does this report contain any trade secret (confidential business information) claims for Section C or D data? ☐ Yes ☒ No

(You are required to provide full documentation on any trade secret (confidentiality) claim. Refer to the instructions booklet, *Trade Secret Claim*.)

9. Waste Hauler Information - Provide the full names and locations (include street, city, state, and zip code) and the USEPA ID Number, or NJ Solid Waste Transporter Registration Number if applicable, of the hauler services that transported production-related wastes containing reported substances to off-site locations in 2013.

EPA ID# SOLID WASTE ID#	Name of Hauler	Address	City	State	Zip Code
-------------------------------	----------------	---------	------	-------	----------

10. CERTIFICATION OF EMPLOYER OR DULY AUTHORIZED REPRESENTATIVE - I certify under penalty of law that I have personally examined and am familiar with the information submitted in Sections A and B of this report and all attachments, and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

-->

Signature

Date

Phone No. Title

NOTE: You are required pursuant to the authority of N.J.S.A. 34:5A-7(b) to forward a copy of this report to your RTK County Lead Agency. (See RPPR Appendix D for appropriate addresses.)

SECTION B. FACILITY-LEVEL SUBSTANCE-SPECIFIC INFORMATION

FACID: 00585211041	
PSEG NUCLEAR LLC ALLOWAY CREEK NECK RD , HANDCOCK BRIDGE, NJ 08038	
1.1 CAS No. (Category No.) 302-01-2	
1.2 RTK Substance No. 1006	
1.3 Substance Name (or Category Name) HYDRAZINE	
1.4 Does this section contain any trade secret (confidential business information) claims for data in question #5 through #10 (excluding #5.1 and #10.1)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

2. Activities and Uses of the Substance at the Facility (Check all that apply.)				
2.1	Manufacture the Substance:	a. <input type="checkbox"/> Produce	If "produce" or "import" then:	
		b. <input type="checkbox"/> Import	c. <input type="checkbox"/> For on-site use/processing	d. <input type="checkbox"/> For sale/distribution
2.2	Process the Substance:	a. <input type="checkbox"/> As a reactant	b. <input type="checkbox"/> As a formulation component	c. <input type="checkbox"/> As an article component
		d. <input type="checkbox"/> Repackaging	e. <input type="checkbox"/> As an impurity	
2.3	Otherwise use Substance:	a. <input type="checkbox"/> As a chemical processing aid	b. <input type="checkbox"/> As a manufacturing aid	c. <input checked="" type="checkbox"/> Ancillary or other use
3.1	Principal Method of Storage: TI, Other Storage Method: null			
3.2	Frequency of Transfer from Storage: 365 times per CONTIN			

3.3 Methods of Transfer: PIPE

INVENTORY AND THROUGHPUT INFORMATION

	INVENTORY	N/A	Quantity (in pounds)	Basis of Estimate
4.	Maximum Daily Inventory of the Substance		16,680	O
	INPUTS	N/A	Quantity	Basis of Estimate
5.	Starting Inventory of the Substance		16,680	O
5.1	Quantity of Starting Inventory that is Nonproduct Output (NPO)		0	O
6.	Quantity Produced on Site		0	O
7.	Quantity Brought on Site		24,177	O
7.1	Quantity Brought on Site as Recycled Substance		0	O
	OUTPUTS		Quantity (in pounds)	Basis of Estimate
8.	Quantity Consumed on Site (chemically reacted in process)		24,177	O
9.	Quantity Shipped off Site as (or in) Product		0	O
10.	Ending Inventory of the Substance		16,680	O
10.1	Quantity of Ending Inventory that is Nonproduct Output (NPO)		0	O
11.	Total Nonproduct Output		0	
	USE (calculated from Section B data)		24,177	
	ON-SITE MANAGEMENT OF NONPRODUCT OUTPUT		Quantity (in pounds)	Basis of Estimate
12.	Quantity Recycled Out-of-Process on Site and Used on Site			
13.	Quantity Destroyed through On-Site Treatment			
14.	Quantity Destroyed through On-Site Energy Recovery			
	RELEASE INFORMATION (Substance Specific)		Quantity (in pounds)	Basis of Estimate
15.	Total Stack or Point Source Air Emissions		0	O
16.	Total Fugitive or Non-Point Source Air Emissions		0	O
17.	Total Discharge to Publicly Owned Treatment Works (POTW)			
18.	Total Discharge to Surface Waters		0	O
19.	Total Discharge to Groundwater			

20. On-Site Land Disposal: ☒ N/A21. Transfers to Other Off-Site Locations: ☒ N/A

22. Quantity released to the environment as a result of remedial actions, catastrophic events, or one-time events not associated with production processes (pounds/year):

		Quantity	Units of Measurement and Product Description
23.	2013 Quantity and Units of Production Associated with the Reported Substance:	1.	18,671,590
		2.	
		3.	

4.

***PRODUCTION:** Whenever possible, "UNITS" should be mass or surface area units only, such as pounds of material manufactured or square footage of product involved.

24. Has any reduction or elimination of either the use of the reported substance or the generation of the reported substance as nonproduct output (NPO) occurred during 2013 due to discontinuance of operations?

☐ Yes ☒ No If "Yes", fill in below:

	Quantity of Substance Reduced (in pounds) (2012 to 2013)	Basis of Estimate
Quantity of substance reduced in pounds (2012 to 2013) due to the discontinuance of operations, including operations transferred to or undertaken by another facility		

POLLUTION PREVENTION ACTIVITIES

For the purpose of this question and Sections C and D of this report, pollution prevention means: the reduction or elimination of either the use of the reported substance or the generation of the reported substance as nonproduct output, prior to treatment, storage, out-of-process recycling, or disposal. Pollution prevention is not any type of treatment, out-of-process recycling, incineration, or the transfer of releases to different media.

25. Has any material-related change (change in the amount of the reported substance used due to substitution of a non-listed substance) been employed to reduce the quantity of this reported substance during 2012 relative to 2013 levels?

☐ Yes ☒ No If "Yes," fill in the table below:

POLLUTION PREVENTION METHODOLOGY	Quantity of Substance Reduced (in pounds) (2012 to 2013)	Basis of Estimate
Material-Related Change (change in the amount of the substance used due to substitution of other non-listed substance)		
CAS Number, Substance Name and Quantity of Substitute Substance		
<u>CAS Number</u>	<u>Substance Name</u>	<u>Quantity (pounds)</u>
a)		
b)		
c)		

SECTION C. FACILITY-LEVEL SUBSTANCE-SPECIFIC POLLUTION PREVENTION PROGRESS

FACID: 00585211041	
PSEG NUCLEAR LLC ALLOWAY CREEK NECK RD HANDCOCK BRIDGE, NJ 08038	
1.1 CAS No. (Category No.) 302-01-2	
1.2 Substance Name (Category Name) HYDRAZINE	

2. Production Ratio or Activity Index (based on the USE per number of units of product)	From Base Year	From Previous Year
	1.28	1.38
3. Percent Change from Base Year (based on the USE or NPO per number of units of product)	USE	NPO
	-32.1	0

4. Note the Process ID of any production processes that your facility discontinued or sent off site in 2013. These Process IDs should match those identified in your Pollution Prevention Plan Summary. If any of the listed processes involved more than one reportable substance, identify the process ID only once. If no production processes were discontinued or sent off site in 2013, then leave this blank.

SECTION D: PROCESS-LEVEL POLLUTION PREVENTION INFORMATION FOR TARGETED PROCESSES

FACID: 00585211041

PSEG NUCLEAR LLC
ALLOWAY CREEK NECK RD
HANDCOCK BRIDGE, NJ 08038

- 1.1 Process ID (Must be the same ID listed in the Pollution Prevention Plan Summary). 000000000001
- 1.2 ☐ Check here if your facility made a production process change in 2013 that triggered a modification to the Pollution Prevention Plan or Pollution Prevention Plan Summary.
- 1.3 ☐ Check here if your facility's pollution prevention progress was less than anticipated for any hazardous substance within this targeted process and explain below.

2.1 Substance Name (Category Name)	Percent Change Per Unit of Product		4.1 Pollution Prevention Techniques Used in 2013 (use 3-digit codes in Appendix E of the instructions)	4.2 Pollution Prevention Techniques Planned for 2014 (use 3-digit codes in Appendix E of the instructions)
2.2 CAS Number (Category No.)	3.1 USE	3.2 NPO		
HYDRAZINE	-	0		
302-01-2	32.11			

POLLUTION PREVENTION PROCESS-LEVEL DATA WORKSHEET (P2-115)

Note: This worksheet is required as part of the Pollution Prevention Plan, and is optional as a submittal in lieu of Sections C and D of the Release and Pollution Prevention Report.

Base Year 2009

FACID: 00585211041 PSEG NUCLEAR LLC END OF ALLOWAY CREEK NCK RD HANCOCKS BRIDGE, NJ 08038	Process ID (from P2 Plan Summary)	<u>000000000001</u>
	Units of Production (e.g., type of widget, lbs. of chemical, square feet of product)	<u>MWHRs</u>
	Is process targeted? (Y/N)	<u>Y</u>
	Is this a grouped process? (Y/N)	<u>N</u>

FACILITY LOCATION

CAS No.: 302-01-2		Hazardous Substance: HYDRAZINE					
		Base Year	Year 1	Year 2	Year 3	Year 4	Year 5
Production Quantity		20,795,038	21,078,274	20,713,052	19,300,884	26,544,994	
USE (pounds)		14,336	17,920	22,848	32,514	24,177	
<input type="checkbox"/>	Consumed	14,336	17,920	22,848	32,514	24,177	
<input type="checkbox"/>	Shipped off-site as (or in) product	0	0	0	0	0	
<input type="checkbox"/>	NPO (pounds)	0	0	0	0	0	
<input type="checkbox"/>	Recycled out of process	0	0	0	0	0	
<input type="checkbox"/>	Destroyed: on-site treatment	0	0	0	0	0	
<input type="checkbox"/>	Destroyed: on-site energy recovery	0	0	0	0	0	
<input type="checkbox"/>	Stack air emissions	0	0	0	0	0	
<input type="checkbox"/>	Fugitive air emissions	0	0	0	0	0	
<input type="checkbox"/>	Discharge to POTWs	0	0	0	0	0	
<input type="checkbox"/>	Discharge to surface waters	0	0	0	0	0	
<input type="checkbox"/>	Discharge to groundwater	0	0	0	0	0	
<input type="checkbox"/>	On-site land disposal	0	0	0	0	0	
<input type="checkbox"/>	Transferred off site	0	0	0	0	0	
<input type="checkbox"/>	Ending Inv. as NPO minus Starting Inv. as NPO	0	0	0	0	0	
P2 techniques used in given year (see codes in RPPR Appendix E)							
Was this process discontinued or sent off site in the given year?		N	N	N	N		
Did facility make process change(s) that triggered a Plan modification?		N	N	N	N		
Was facility's P2 progress (targeted process only) less than anticipated?		N	N	N	N		

CERTIFICATION OF OWNER OR OPERATOR - I certify under penalty of law that the information submitted in this Pollution Prevention Progress Report is true, accurate and complete to the best of my knowledge.

Signature Submitted and certified electronically by Helen Gregory

Date

Phone No. (856)339-1341

Title Env Compliance Mgr



Form Approved OMB Number:

(IMPORTANT: Read instructions before completing form; type or use fill-and-print form)

Approval Expires:

United States Environmental Protection Agency		TOXICS CHEMICAL RELEASE INVENTORY FORM A		TRI Facility ID Number 08038NCLRBENDOF	
WHERE TO SEND COMPLETED FORMS:		1. TRI Data Processing Center P.O. Box 10163 Fairfax, VA 22038 *** File Copy Only: Do Not Submit Paper Form to EPA ***		2. APPROPRIATE STATE OFFICE (See instructions in Appendix F)	
This section only applies if you are revising or withdrawing a previously submitted form, otherwise leave blank:		Revision (Enter up to two code(s)) [][]		Withdrawal (Enter up to two code(s)) [][]	
Important: See Instructions to determine when "Not Applicable (NA)" boxes should be checked.					
Part I. FACILITY IDENTIFICATION INFORMATION					
SECTION 1. REPORTING YEAR : 2013					
SECTION 2. TRADE SECRET INFORMATION					
2.1 Are you claiming the toxic chemical identified on page 2 trade secret? <input type="checkbox"/> Yes (Answer question 2.2; attach substantiation forms) <input checked="" type="checkbox"/> NO (Do not answer 2.2; go to Section 3)		2.2 Is this copy <input type="checkbox"/> Sanitized <input type="checkbox"/> Unsanitized (Answer only if "Yes" in 2.1)			
SECTION 3. CERTIFICATION (Important: Read and sign after completing all form sections.)					
I hereby certify that to the best of my knowledge and belief, for each toxic chemical listed in the statement, the annual reportable amount as defined in 40 CFR 372.27 (a), did not exceed 500 pounds for this reporting year and the chemical was manufactured, processed, or otherwise used in an amount not exceeding 1 million pounds during this reporting year.					
Name and official title of owner/operator or senior management official:		Signature:		Date Signed:	
File Copy Only: Do Not Submit Paper Form to EPA		File Copy Only: Do Not Submit Paper Form to EPA		XX/XX/XXXX	
SECTION 4. FACILITY IDENTIFICATION					
4.1		TRI Facility ID Number		08038NCLRBENDOF	
Facility or Establishment Name SALEM & HOPE CREEK GENERATING STATIONS					
Street END OF ALLOWAY CREEK NECK RD		Mailing Address (if different from physical street address) END OF ALLOWAY CREEK NECK RD			
City/County/Tribal/State/ZIP Code HANCOCKS BRIDGE / Salem / BIA Code: / NJ / 08038		City/State/ZIP Code HANCOCKS BRIDGE / NJ / 08038		Country (Non-US) /	
4.2 This report contains information for : (<u>Important</u> : check c or d if applicable)		c. <input type="checkbox"/> A Federal facility		d. <input type="checkbox"/> GOCO	
4.3 Technical Contact name Helen Gregory		Email Address Helen.Gregory@pseg.com		Telephone Number (include area code) 8563391341	
4.4 Public Contact name Helen Gregory		Email Address Helen.Gregory@pseg.com		Telephone Number (include area code) 8563391341	
4.5 NAICS Code(s) (6 digits) a. 221113 (Primary)		b.		c. d. e. f.	
4.7 Dun and Bradstreet Number(s) (9 digits) a. 848793910		b.			
SECTION 5. PARENT COMPANY INFORMATION					
5.1 Name of U.S. Parent Company (for TRI Reporting purposes)		PUBLIC SERVICE ENTERPRISE GROUP		No U.S. Parent Company (for TRI Reporting purposes) <input type="checkbox"/>	
5.2 Parent Company's Dun & Bradstreet Number		NA <input type="checkbox"/> 848793910			

EPA Form 9350-2 (Rev.) - Previous editions are obsolete.

Printed using TRI-MEweb

IMPORTANT: Read instructions before completing form; type or use fill-and-print form

EPA FORM A PART II. CHEMICAL IDENTIFICATION Do not use this form for reporting Dioxin and Dioxin-like Compounds*		TRI Facility ID Number
		08038NCLRBENDOF
SECTION 1. TOXIC CHEMICAL IDENTITY		Report 1 of 1
1.1	CAS Number (Important: Enter only one number as it appears on the Section 313 list. Enter category code if reporting a chemical category.) 302012	
1.2	Toxic Chemical or Chemical Category Name (Important: Enter only one name exactly as it appears on the Section 313 list.) Hydrazine	
1.3	Generic Chemical Name (Important: Complete only if Part I, Section 2.1 is checked "Yes". Generic Name must be structurally descriptive). NA	
SECTION 2. MIXTURE COMPONENT IDENTITY (Important: DO NOT complete this section if you completed Section 1.)		
2.1	Generic Chemical Name Provided by Supplier (Important: Maximum of 70 characters, including numbers, spaces, and punctuation.) NA	

*See the TRI Reporting Forms and Instructions Manual for the TRI-listed Dioxin and Dioxin-like Compounds
EPA Form 9350-2 (Rev.) - Previous editions are obsolete.

memo

MEMORANDUM

To: File
From: Luis Cataldo
CC: DCRMS
Date: 6/30/2014
Re: LR-E14-0101, 2013 Toxic Release Inventory Report

Comments: The attached report was submitted electronically/online to EPA on 6/26/2014. Proof of submittal is attached.

SI-SSA-0012-0089

***** File Copy Only: Do Not Submit Paper Form to EPA *****

Form Status: Certified and Sent to USEPA

Validation Status: Passed with No Errors

1. 2

(IMPORTANT: Read instructions before completing form; type or use fill-and-print form)

Form Approved OMB Number: 2025-0009

Approval Expires:

United States Environmental Protection Agency		TOXIC CHEMICAL RELEASE INVENTORY FORM A				TRI Facility ID Number 08038NCLRBENDOF	
WHERE TO SEND COMPLETED FORMS:		1. TRI Data Processing Center P.O. Box 10163 Fairfax, VA 22038 *** File Copy Only: Do Not Submit Paper Form to EPA ***				2. APPROPRIATE STATE OFFICE (See instructions in Appendix F)	
This section only applies if you are revising or withdrawing a previously submitted form, otherwise leave blank:		Revision (Enter up to two code(s)) <div style="text-align: center;">[][]</div>			Withdrawal (Enter up to two code(s)) <div style="text-align: center;">[][]</div>		
Important: See Instructions to determine when "Not Applicable (NA)" boxes should be checked.							
Part I. FACILITY IDENTIFICATION INFORMATION							
SECTION 1. REPORTING YEAR : 2013							
SECTION 2. TRADE SECRET INFORMATION							
2.1 Are you claiming the toxic chemical identified on page 2 trade secret? <input type="checkbox"/> Yes (Answer questions 2.2; attach substantiation forms) <input checked="" type="checkbox"/> NO (Do not answer 2.2; go to Section 3)				2.2 Is this copy <input type="checkbox"/> Sanitized <input type="checkbox"/> Unsanitized (Answer only if "Yes" in 2.1)			
SECTION 3. CERTIFICATION (Important: Read and sign after completing all form sections.)							
I hereby certify that to the best of my knowledge and belief, for each toxic chemical listed in the statement, the annual reportable amount as defined in 40 CFR 372.27 (a), did not exceed 500 pounds for this reporting year and the chemical was manufactured, processed, or otherwise used in an amount not exceeding 1 million pounds during this reporting year.							
Name and official title of owner/operator or senior management official: File Copy Only: Do Not Submit Paper Form to EPA				Signature: File Copy Only: Do Not Submit Paper Form to EPA		Date Signed: XX/XX/XXXX	
SECTION 4. FACILITY IDENTIFICATION							
4.1		Facility or Establishment Name SALEM & HOPE CREEK GENERATING STATIONS				TRI Facility ID Number 08038NCLRBENDOF	
Street END OF ALLOWAY CREEK NECK RD				Mailing Address (if different from physical street address) END OF ALLOWAY CREEK NECK RD			
City/County/Tribe/State/ZIP Code HANCOCKS BRIDGE / Salem / BIA Code: / NJ / 08038				City/State/ZIP Code HANCOCKS BRIDGE / NJ / 08038		Country (Non-US) /	
4.2		This report contains information for : (Important: check c or d if applicable)				c. <input type="checkbox"/> A Federal facility d. <input type="checkbox"/> GOCO	
4.3		Technical Contact name Helen Gregory		Email Address Helen.Gregory@pseg.com		Telephone Number (include area code) 8563391341	
4.4		Public Contact name Helen Gregory		Email Address Helen.Gregory@pseg.com		Telephone Number (include area code) 8563391341	
4.5		NAICS Code(s) (6 digits) a. 221113 (Primary)		b.		c. d. e. f.	
4.6		Dun and Bradstreet Number(s) (9 digits) a. 848793910 b.					
SECTION 5. PARENT COMPANY INFORMATION							
5.1		Name of U.S. Parent Company (for TRI Reporting purposes) PUBLIC SERVICE ENTERPRISE GROUP				No U.S. Parent Company (for TRI Reporting purposes) <input type="checkbox"/>	
5.2		Parent Company's Dun & Bradstreet Number NA <input type="checkbox"/>		848793910			

1 2 IMPORTANT: Read instructions before completing form; type or use fill-and-print form

EPA FORM A

PART II. CHEMICAL IDENTIFICATION

Do not use this form for reporting Dioxin and Dioxin-like Compounds*

TRI Facility ID Number

08038NCLRBENDOF

SECTION 1. TOXIC CHEMICAL IDENTITY

Report 1 of 1

1.1 CAS Number (Important: Enter only one number as it appears on the Section 313 list. Enter category code if reporting a chemical category.)

302012

1.2 Toxic Chemical or Chemical Category Name (Important: Enter only one name exactly as it appears on the Section 313 list.)

Hydrazine

1.3 Generic Chemical Name (Important: Complete only if Part I, Section 2.1 is checked "Yes". Generic Name must be structurally descriptive).

NA

SECTION 2. MIXTURE COMPONENT IDENTITY (Important: DO NOT complete this section if you completed Section 1.)

2.1 Generic Chemical Name Provided by Supplier (Important: Maximum of 70 characters, including numbers, spaces, and punctuation.)

NA

*See the TRI Reporting Forms and Instructions Manual for the TRI-listed Dioxin and Dioxin-like Compounds

EPA Form 9350-2 (Rev.) - Previous editions are obsolete.

SI-SSA-0012-0091

In addition to the information on this page, you can print or download other important information related to this submission for your records. After this submission has been certified, return to the "Reporting Summary" page, select this submission, and click **Recordkeeping**.

Transaction ID: _9749a4f5-71d6-4371-a031-b598fc4fb74a

USEPA Submission

Status: Certified and Sent to USEPA
Transmitted by: Justin Furman justin.furman@erm.com
Transmission date: 06/26/2014
Certified by: Alison Kraus alison.kraus@pseg.com
Certification date/time: 06/26/2014 12:31 PM

State/Tribe Submission

State/Tribe: New Jersey
TDX Participant?: Yes: USEPA will automatically forward to or make available via download for your state or tribe agency (listed below) a copy of your electronic CDX submission, once your submission has been certified.
State/Tribe Office: the Department of Environmental Protection

Certifying Official(s) Notified

Primary Certifier: Alison Kraus alison.kraus@pseg.com
Alternate Certifier: No Alternate Certifier Identified

Facility Information

TRIFID: 08038NCLRBENDOF
Name: SALEM & HOPE CREEK GENERATING STATIONS
Address: END OF ALLOWAY CREEK NECK RD
HANCOCKS BRIDGE, NJ 08038

Forms Transmitted

CAS No.	Chemical Name	Year	Form	Revision?
000302012	Hydrazine	2013	Form A	No

**Attachment 2
Verification Completion Form
Page 1 of 1**

Verification Documentation

Correspondence/Letter number: LR-E14-0101 Origination Date: 6/24/14

Agency/External Stakeholder: EPA Submittal Due Date: 7/1/14

Recipient of Correspondence: Memo to File (Electronic Submittal)
(name and title if known)

Purpose of Submittal: Toxic Release Inventory

Originating Office: ☒ Salem ☒ Hope Creek ☐ PSEG Nuclear Corporate

Preparer: ERM Consultant
(print)

by phone
(sign) 6/24/14
(date)

Peer Reviewer: Luis Cataldo
(print)

Luis Cataldo
(sign) 6/24/14
(date)

Certified Mail Return Receipt Requested: ☒ Yes ☐ No

Approvals (check box if applicable)

	Applicable	Date Review Needed	Signature of Reviewer	Date of Review
Site Departments				
Nuclear Environmental Compliance Manager	<input checked="" type="checkbox"/>		<u>Belu King</u>	<u>6/24/14</u>
Chemistry	<input type="checkbox"/>			
Operations	<input type="checkbox"/>			
Engineering	<input type="checkbox"/>			
Regulatory Assurance	<input type="checkbox"/>			
Corporate				
Manager Nuclear Environmental Affairs	<input checked="" type="checkbox"/>		<u>Alison Kraus</u>	<u>6/26/14</u>
Site Management				
Plant Manager	<input type="checkbox"/>			
Site Vice President	<input type="checkbox"/>			
Other:	<input type="checkbox"/>		<input type="checkbox"/> Report Signed and Approved	
Other:	<input type="checkbox"/>			

Memorandum

To: File

CC: DCRMS

From: L. Cataldo



Date: 7/28/2014

Re: LR-E14-0109 – SA and HC ICI Boiler Notification of Compliance Status

The attached report was submitted electronically/online to EPA. Proof of submittal is attached.

Cataldo, Luis

From: Shimp - Cannon, Ann L. on behalf of Braun , Robert
Sent: Tuesday, July 15, 2014 12:37 PM
To: Cataldo, Luis
Subject: FW: CDX CEDRI Dataflow - Submission was successfully signed and has reached the CDX

Categories: Important

From: cdx@epa.gov [mailto:cdx@epa.gov]
Sent: Tuesday, July 15, 2014 12:35 PM
To: Braun , Robert
Subject: CDX CEDRI Dataflow - Submission was successfully signed and has reached the CDX

You are receiving this email from someone outside of PSEG. Refrain from opening attachments, clicking on links, or responding to requests for personal information or credentials if from an unknown sender or if message is unexpected.

Submission package "notification of compliance status" was successfully signed and has reached the CDX. To view each report in your submission, please log into the CEDRI application and select the "CEDRI History" link in the left navigation bar.

Submission Details:

Submission Package Name: notification of compliance status
Submission Time: Tue Jul 15 12:34:42 EDT 2014
Certifier CDX User Id: BRAUNPSEG
Submission Id: _5bf3bfcc-1e05-4559-9ede-e86b11fab0f7
Report Type **Regulation Part/Subpart**
Notification of Compliance Status Part 63/Area Source Boilers

This message is being sent to you as confirmation of your submission. If you did not perform this submission, please contact the CDX Helpdesk at 1-888-890-1995.



United States
ENVIRONMENTAL PROTECTION AGENCY

Washington, DC 20460

Compliance and Emissions Data Reporting Interface (CEDRI) Report
Notification required under 40 CFR 63.11225(a)(4)

Office of Air and Radiation (OAR)
<http://www.epa.gov/ttn/chief/ert/index.html>

FACILITY INFORMATION

Date and Time of Report	2014-07-09 10:24:16 EDT
Facility Name	PSE&G SALEM & HOPE CREEK GENERATING STATIONS
Facility Address	ALLOWAY CREEK NECK ROAD
	HANCOCKS BRIDGE, SALEM, NJ 08038
Mailing Address	ALLOWAY CREEK NECK ROAD
	HANCOCKS BRIDGE, SALEM, NJ 08038
Longitude of Facility	Latitude of Facility
-75.5333	39.4625
FRS Code	110000603142
State Facility ID Number	

THIS FORM WAS GENERATED BY THE CEDRI APPLICATION

REQUIRED INFORMATION AND CERTIFICATION

1. The methods that were used to determine compliance:
Conducted Tune-up and Performed Energy Assessment
 2. The methods that will be used for determining continuing compliance, including a description of reporting requirements and test methods:
Conduct Biennial Tune-ups and Maintain Energy Assessment Report
 3. Has the source complied with the relevant standard or other requirements? Yes
 4. "This facility complies with the requirements in §63.11214 to conduct an initial tune-up of the boiler." Yes
 5. "This facility has had an energy assessment performed according to §63.11214(c)." Yes
 - 5.a. Has a past or amended energy assessment been performed on or after January 1, 2008 and by March 21 2014 to meet the energy assessment requirements in 63.11214(c)? No
 - 5.b. Does your facility operate under an energy program compatible with ISO 50001 that includes the affected units to meet the energy assessment requirements of 63.11214(c)? No
 6. "This facility complies with the requirements in §63.11224(f)." Not Applicable
 7. "No secondary materials that are solid waste were combusted in any affected unit." Yes
 8. Date of the test showing conformance with the emission standards and operating limits of this subpart (if applicable).
-

ADDITIONAL INFORMATION


Please enter any additional information

Please attach any additional information

THIS FORM WAS GENERATED BY THE CEDRI APPLICATION

SIGNATURE PAGE

Signature of Company Official or Authorized Agent


R.C. BROWN

Attachment 2
Verification Completion Form
Page 1 of 1

Verification Documentation

Correspondence/Letter number: LR-E14-0109 Origination Date: 07/9/2014

Agency/External Stakeholder: NJDEP Submittal Due Date: 07/19/2014

Recipient of Correspondence: EPA
(name and title if known)

Purpose of Submittal: Certification of Completing SA and HC Boilers Energy Assessment

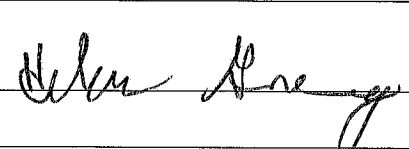
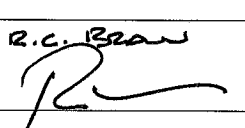
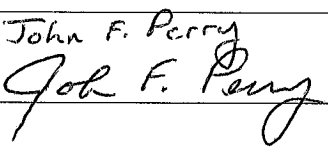
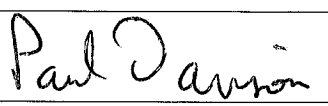
Originating Office: ☒ Salem ☒ Hope Creek ☐ PSEG Nuclear Corporate

Preparer: ERM (print) Via telephone (sign) 7/8/2014 (date)

Peer Reviewer: Luis Cataldo (print) (sign) 7/9/2014 (date)

Certified Mail Return Receipt Requested: ☒ Yes ☐ No

Approvals (check box if applicable)

	Applicable	Date Review Needed	Signature of Reviewer	Date of Review
Site Departments				
Environmental Compliance Manager	<input checked="" type="checkbox"/>			<u>7/9/14</u>
Operations	<input type="checkbox"/>			
Engineering	<input type="checkbox"/>			
Regulatory Assurance	<input type="checkbox"/>			
Corporate				
SVP & COO PSEG Nuclear – R. Braun	<input checked="" type="checkbox"/>			<u>7/10/14</u>
Site Management				
Salem Plant Manager –				
Salem Vice President – J. Perry	<input checked="" type="checkbox"/>			<u>7-10-14</u>
HC Plant Manager –				
HC Vice President – P. Davison	<input checked="" type="checkbox"/>			<u>7/9/14</u>
Other	<input type="checkbox"/>		<input type="checkbox"/> Report Signed and Approved	

Attach additional page for comments.

JUL 29 2014



LR-E14-0111

Certified Mail/Return Receipt Requested
ARTICLE NUMBER: 7012 1640 0000 4240 3688

US EPA, Region 2
Environmental Protection Agency
290 Broadway
New York, NY 10007-1866

Re: PSEG Nuclear LLC Title V Six-Month Deviation Report (January – June 2014)
Permit Activity Number: BOP120002
Program Interest Number: 65500

To the Administrator:

PSEG Nuclear LLC ("PSEG Nuclear") submitted the enclosed Title V Six-Month Deviation Report for the period of January 1, 2014 through June 30, 2014 electronically to the New Jersey Department of Environmental Protection (NJDEP). PSEG Nuclear LLC had no deviations to report during this period.

If you have any questions, please do not hesitate to contact Luis Cataldo at (856) 339-2678.

Sincerely,

A handwritten signature in cursive script, reading "Helen Gregory".

Helen Gregory
Environmental Compliance Manager - Nuclear

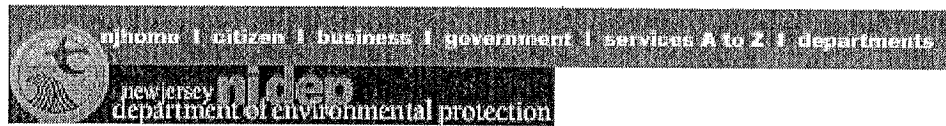
Enclosures

cc: NJ DEP – Compliance & Enforcement

SI-SSA-0012-0101

bcc: DCRMS

A. Kraus – Manager - NEA

[Skip Navigation](#)[search](#)[njdep online](#)[njdep home](#) | [about dep](#) | [index by topic](#) | [programs/units](#) | [dep online](#)[My Workspace](#)[User Profile](#)[Certifications](#)[Payments](#)[Documents and Forms](#)[Permit Folder](#)

Version: 5.3

65500

Currently logged in: robert braun (NUR4B)PSEG NUCLEAR LLC HOPE CRK & SALEM GEN STA [Help](#) | [Logout](#)**SUBMISSION CONFIRMATION**[Printer Friendly Version](#)

The following was successfully submitted:

Submission:

407661:6 Month Deviation Report

Your application has been submitted. We will contact you if further information is needed.

[1 - Instructions](#)[2 - Submission Name](#)[3 - Facility Selection](#)[4 - Contacts](#)[5 - Spreadsheet Upload](#)[6 - Upload Confirmation](#)[7 - Attachment Upload](#)[8 - Certification](#)[9 - Submission Confirmation](#)**Please Note**

You may click on a previously visited page (above) to navigate back to that screen.



State of New Jersey
Department of Environmental Protection

Compliance Certification Report

Validate Spreadsheet

Lock Spreadsheet for



State of New Jersey
Department of Environmental Protection
Compliance Certification Report

INSTRUCTIONS:

Validation Tab:

This worksheet is used to validate and lock the spreadsheet after it has been completed. Upon completion of the spreadsheet, navigate to the Validation Tab and click the "Validate" button. After clicking "Validate", any validation issues will be displayed. If validation issues appear, you must make corrections to the spreadsheet as directed, return to the Validation Tab, and click "Validate" again. Repeat this process until you do not receive any validation issues. Next, click the "Lock" button to lock the spreadsheet. Once locked, the spreadsheet can be uploaded to the Department's NJEMS central file.

Facility Info and Cert Status Tab:

Section I - Facility Information

1. Facility Name: Enter the New Jersey air pollution facility name. Your facility name should be the same as it appears on the approved operating permit.
2. Program Interest Number: Enter the Program Interest (PI) number for which the Title V annual certification is being submitted. The Program Interest Number is a five-digit facility identification number assigned by the Department, which can be found on your approved operating permit.
3. Submittal Type: Choose Submittal Type, by clicking the corresponding radio button. Note - "Combined" refers to a submittal covering both the 2nd Half Semi-Annual Deviation Report, and the Annual Compliance Certification.
4. Is this a Revision?: In Section 4, select "Yes" if this is a re-submittal, otherwise select "No".
5. Reporting Year: Enter the year for which you are reporting. Note that for Annual Compliance Certs., electronic submittals are only available to facilities reporting on a calendar year basis. If your operating permit requires submittal of Annual Compliance Certs. 60 days from the anniversary of the initial approval date, you must continue to submit Annual Compliance Certs. on paper forms (100, 100A, and 100B).
Please format date as MM/DD/YYYY. Example: 12/31/2008
6. Due Date: This field should auto-populate based on your previous selections.
7. Reporting Period: These fields should auto-populate based on your previous selections.

Section II - Compliance Certification Statement

2008/2009 Annual Compliance Certifications - Compliance Statement

Annual Compliance Certifications: Compliance Status for the Reporting Period. Click the radio button corresponding to the statement indicating the facility's status for the reporting period. Read all five statements thoroughly and choose the one that best reflects the facility's compliance throughout the reporting period. If your facility did not comply with all applicable requirements in the operating permit continuously throughout the reporting period, regardless if the facility has returned to compliance, DO NOT select statement "a".

Continuous Compliance Summary Tab - Section IIIa Summary of Facility and Emission Unit Compliance Status

This Section is used to list Emission Units/Batch Processes that were in continuous compliance during the reporting period.

Annual Compliance Certs. and Combined 2nd Half Semi-Annual Deviation Report/Annual Compliance Certs.:

1. Permit Activity ID: Enter the Permit Activity ID. This ID is listed on your approved operating permit and consists of the letters "BOP" followed by 5 digits, i.e., "BOP080001". Note that you may have had more than one Operating Permit in effect during the period for which you are reporting. If this is a case, all Permit Activity IDs in effect during the reporting period must be listed.

2. Emission Unit/Batch Process: Section IIIa must include each Subject Item included for each Operating Permit that was in effect during the reporting period.

Under this heading, list all emission units/batch processes that were in continuous compliance during the reporting period. For each Emission Unit/Batch Process, you will be certifying compliance for all requirements listed under that Unit, including all Operating Scenarios, Steps, Control Devices, or any other Subject Items associated with the Emission Unit/Batch Process. If you have any Insignificant Sources (IS), or other Subject Items not associated with an Emission Unit/Batch Process, which has requirements, you must also list them in this section. Example: U1 includes OSO, OS1, OS2, C11, PT1, E201, E102, E103; E202 includes OSO, OS1, C01, C02, C03, PT2, PT3, E201, E202, E203

3. Continuous Compliance During Reporting Period: You must select Continuous Compliance for each Subject Item for which you are certifying continuous compliance by using the dropdown menu to select "Yes" or "No" to indicate whether or not the Subject Item was in continuous compliance during the reporting period.

Semi-Annual Deviation Reports:

Section IIIa is optional for Semi-Annual Deviation Report submittals. If you wish to list Emission Unit/Batch Process information for Subject Items which were in Continuous Compliance during the reporting period, please see above instructions for Annual Compliance Certs., and Combined 2nd Half Semi-Annual Deviation Report/Annual Compliance Certs. Otherwise this section can remain blank.

Deviation Compliance Summary Tab - Section IIIb Summary of Facility and Emission Unit Compliance

This section is used to enter details of deviations that occurred during the reporting period.

1. Permit Activity ID, Facility Name ID: Enter the Permit Activity ID associated with the requirements for which you are reporting a deviation. This ID is listed on your approved operating permit and consists of the letters "BOP" followed by 5 digits, i.e., "BOP080001". Note that you may have had more than one Operating Permit in effect during the period for which you are reporting.

2. Subject Item(s): Use these columns to enter the Subject Item(s) from the Operating Permit for the deviation(s) you are reporting.

3. Requirement Reference #: Enter the referenced # for the deviation(s) you are reporting.

4. Requirement Type: Select the requirement type for the deviation(s) you are reporting.

5. Description of Deviation: Briefly describe the deviation.

6. Compliance Status at the End of the Reporting Period: Select "In Compliance" or "Out of Compliance" to indicate compliance status at the end of the reporting period with regard to the deviation(s).

7. Was this Deviation Intermittent or Continuous Throughout the Reporting Period?: If the deviation was ongoing throughout the entire reporting period select "continuous". Otherwise select "intermittent".

8. Deviation Notification/Department Response Status: Note - more than one selection may apply, user can select multiple items from the drop-down menu.

Compliance Report: Select "Compliance Report" if you have previously submitted information relative to the deviation to the Department in a compliance report, i.e., EENPR. If "Compliance Report" is selected, you will be required to add information under the column labeled "Compliance Report Type". Note that if "Compliance Report" is selected, Columns "P" (Recurring Deviation of Requirement) through "X" (Comments) on this Tab are optional.

DEP Addressed with ENF Action: Select "DEP Addressed with ENF Action" if you have received an enforcement action (i.e., NOV, ACHDCAPA) from the Department for the deviation you are reporting. If "DEP Addressed with ENF Action" is selected, you will be required to enter the EA Activity Number under the column labeled "Enforcement Action Activity Number".

Notification: Select "Notification" if you have previously notified the Department of the deviation. If Notification is selected, the user will be required to enter the CC# or reported date under the column labeled "Communication Center Notification Number or Reported Date".

9. Compliance Report Type: If "Compliance Report" was selected under the "Deviation Notification/Department Response Status" column, you are required to enter information in this field. Use this field to specify the type of report the deviation was reported under (i.e., EENPR).

10. Enforcement Action Activity Number: If "DEP Addressed with ENF Action" was selected under the "Deviation Notification/Department Response Status" column, you are required to enter information in this field. Use this field to enter the EA# (i.e., PC400001).

11. Communication Center Notification Number or Reported Date: If "Notification" was selected under the "Deviation Notification/Department Response Status" column, you are required to enter information in this field. If notification was made through the DEP Hotline (1-877-WARNDEP), enter the communication center number here (i.e., 08-11-04-1234-12). If notification was made by other means (i.e., calling the field office directly), enter the date that the deviation was reported to the Department. The Comments section can be used to describe the method of notification if needed. Note - the DEP Hotline is the preferred method of notifying the Department regarding deviations.

12. Recurring Deviation of Requirement: If the deviation occurred on multiple dates throughout the reporting period select "Yes". Otherwise select "No".

13. List all Deviation Dates or Date Ranges: If you selected "Yes" under "Recurring Deviation of Requirement", you must list the dates or date ranges on which the deviation occurred. Otherwise this column is optional.

14. Deviation Discovery Date: Enter the date on which you first became aware of the deviation.

15. Affirmative Defense Requested?: Select "Yes" or "No" to indicate whether or not you asserted affirmative defense to liability for the deviation.

16. Did the Deviation Result in Excess Emissions? Select "Yes" or "No" to indicate whether or not the deviation resulted in excess emissions.

17. Estimate the Amount of Emissions Below: Select contaminant as appropriate. If excess emissions can be calculated, fill in the appropriate amount of excess emissions in lbs.

18. Describe the steps taken to correct the problem: Enter text in this field as appropriate.

19. Comments: Enter comments as appropriate.

1) Facility Name: PSEG Nuclear LLC Hop CRK & Salem Gen Sta

2) Program Interest Number (5-Digit): 65500

The permittee shall submit to the Department and to the EPA, a periodic compliance certification, in accordance with N.J.A.C. 7:27-22.19(f) and the schedule for submittal of compliance certifications set forth in the compliance plan of your operating permit. The annual compliance certification is due to the Department and the EPA within 60 days of the expiration of each 1-year anniversary of the Initial Operating Permit Approval Date, unless otherwise specified in your approved operating permit.

3) Submittal Type: First Semi-Annual Report (Choose from List)

4) Is this a revision of an already submitted report? No (Choose from List)

5) Reporting Year: 2014

6) This report is due: 07/30/2014
(MM/DD/YYYY)

and covers the reporting period from: 01/01/2014 to: 06/30/2014
(MM/DD/YYYY) (MM/DD/YYYY)

7) The methods used to determine the compliance status for each permit limitation are, at a minimum, as specified in the approved operating permit.

Section II - Compliance Certification Statement

Compliance Status for the Reporting Period:

- ☒ a. Pursuant to N.J.A.C. 7:27-22.19(f)1.i, I hereby state that this facility is currently in compliance with all applicable requirements as indicated in the facility specific requirements of my operating permit and has been in continuous compliance for the time period listed in Section I.3 above.
- ☒ b. Pursuant to N.J.A.C. 7:27-22.19(f)1.i, I hereby state that this facility is currently in compliance with all applicable requirements as indicated in the facility specific requirements of operating permit but had periods of non-compliance during the time period listed in Section I.3 above which are listed in the Deviation Summary tab.
- ☒ c. Pursuant to N.J.A.C. 7:27-22.19(f)1.ii, I hereby state that this facility is in compliance with all applicable requirements as indicated in the facility specific requirements of my operating permit for the time period listed in Section I.3 above except those applicable requirements listed in the compliance schedule, included in my operating permit pursuant to N.J.A.C. 7:27-22.9(c)7, which includes a sequence of actions with milestones leading to compliance with the applicable requirement.
- ☒ d. Pursuant to N.J.A.C. 7:27-22.19(f)1.iii, I hereby state that this facility is in compliance with all applicable requirements for the time period listed in Section I.3 above as indicated in the facility specific requirements of my operating permit, except for those applicable requirements included in an order or consent decree not incorporated into a compliance schedule.
- ☒ e. Pursuant to N.J.A.C. 7:27-22.19(f)1.iv, I hereby state that this facility is currently not in compliance with at least one applicable requirement in the facility specific requirements of my operating permit, which are listed in the Deviation Summary tab.
- ☒ f. None of the above. This is a semi-annual report.

Section IIIa - Summary of Facility and Emission Unit Compliance Status

Add Rows		Insert Row		Delete Rows		Set All Yes/No	
Permit Activity ID		Each unit includes ALL Operating Scenarios (OS), Steps (ST), Control Devices (CD), Emission Point (PT), Group (GR) and Equipment (E) listed under that UNIT or BP				Continuous Compliance Throughout the Reporting Period	
Emission Unit/Batch Process							

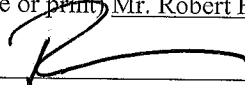
New Jersey Department Of Environmental Protection Certification Form

Company Name PSEG Nuclear LLC Facility ID 65500

1. **Responsible Official** – This first tier of this certification is to be signed by a Responsible Official as defined in N.J.A.C. 7:27-1.

"I certify under penalty of law that I have personally examined and am familiar with the information submitted in the attached document and, based on my inquiry of those officials immediately responsible for obtaining the information, I believe that the submitted information is true, accurate and complete. I certify that, based on my inquiry of those officials immediately responsible for obtaining the information, I believe that any estimates are the result of good faith application of sound professional judgement, using techniques, factors, or standards approved by the Department or EPA, or generally accepted in the trade. I am aware that there are significant civil and criminal penalties, including fines or imprisonment or both, for submitting false, inaccurate or incomplete information."

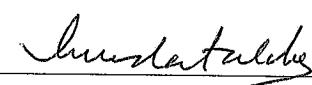
Name (type or print) Mr. Robert Braun Title SVP & Chief Operating Officer

Signature  Date 7/29/14

2. **Individuals with direct knowledge** – This second tier of certification is to be signed by the individual or individuals with direct knowledge and/or responsibility for the information contained in the attached spreadsheet. Please use a copy of this form if you need to have this certified by more than two individuals.

"I certify under penalty of law that I believe the information provided in this document is true, accurate, and complete. For those portions of the document that are based on estimates, those estimates are the result of good faith application of sound professional judgement, using techniques, factors, or standards approved by the Department or EPA, or generally accepted in the trade. I am aware that there are significant civil and criminal penalties, including fines or imprisonment or both, for submitting false, inaccurate or incomplete information."

Name (type or print) Mr. Luis Cataldo Title Nuclear Sr. Environmental Specialist

Signature  Date 7/14/2014

"I certify under penalty of law that I believe the information provided in this document is true, accurate, and complete. For those portions of the document that are based on estimates, those estimates are the result of good faith application of sound professional judgement, using techniques, factors, or standards approved by the Department or EPA, or generally accepted in the trade. I am aware that there are significant civil and criminal penalties, including fines or imprisonment or both, for submitting false, inaccurate or incomplete information."

Name (type or print) _____ Title _____

Signature _____ Date _____

Attachment 2
Verification Completion Form
Page 1 of 1

Verification Documentation

Correspondence/Letter number: LR-E14-0111 Origination Date: 07/14/2014

Agency/External Stakeholder: NJDEP & EPA Submittal Due Date: 07/30/2014

Recipient of Correspondence: EPA & NJDEP (Electronic)
(name and title if known)

Purpose of Submittal: Six-Month Deviation Report

Originating Office: ☒ Salem ☒ Hope Creek ☐ PSEG Nuclear Corporate

Preparer: ERM Consultants via phone 07/14/2014
(print) (sign) (date)

Peer Reviewer: Luis Cataldo [Signature] 07/14/2014
(print) (sign) (date)

Certified Mail Return Receipt Requested: ☒ Yes ☐ No

Approvals (check box if applicable)

	Applicable	Date Review Needed	Signature of Reviewer	Date of Review
Site Departments				
Environmental Compliance Manager – H. Gregory	<input checked="" type="checkbox"/>		<u>[Signature]</u>	<u>7/15/14</u>
Operations	<input type="checkbox"/>			
Engineering	<input type="checkbox"/>			
Regulatory Assurance	<input type="checkbox"/>			
Corporate				
Site Vice President – R. Braun	<input checked="" type="checkbox"/>		<u>[Signature]</u>	<u>7/29/14</u>
Site Management				
Salem Plant Manager – L. Wagner	<input checked="" type="checkbox"/>		<u>[Signature]</u>	<u>7/14/14</u>
Salem Vice President – J. Perry	<input checked="" type="checkbox"/>		<u>[Signature]</u>	<u>7-23-14</u>
HC Plant Manager – E. Carr	<input checked="" type="checkbox"/>		<u>[Signature]</u>	<u>7/21/14</u>
HC Vice President – P. Davison	<input checked="" type="checkbox"/>		<u>[Signature]</u>	<u>7/23/14</u>
Other	<input type="checkbox"/>			
<input type="checkbox"/> Report Signed and Approved				

Attach additional page for comments.



JAN 30 2015

LR-E15-0010
USEPA, Region II
Air Compliance Branch
290 Broadway
New York, New York 10007 - 1866
ARTICLE NUMBER: 7012 1640 0000 4240 3749

Re: PSEG Nuclear LLC- 2014 Annual Certification Report
Permit Activity Number: BOP130001
Program Interest Number: 65500

Dear Sir/Madam:

Enclosed please find a copy of the Annual Title V Compliance Certification for PSEG Nuclear LLC ("PSEG Nuclear") covering the period of January 1, 2014 through December 31, 2014. The Annual Compliance Certification was prepared and submitted using the New Jersey Department of Environmental Protection's electronic submittal forms and process. In addition, PSEG Nuclear is submitting this report within 30 days following the end of the calendar year in order to also qualify the report as the 6-month Deviation Report, as required by N.J.A.C. 7:27-22.19(d) 3.

If you have any questions, please do not hesitate to contact Luis Cataldo at (856) 339-2678.

Sincerely,

A handwritten signature in cursive script that reads "Helen L. Gregory".

Helen L. Gregory
Environmental Compliance Manager - Nuclear



State of New Jersey
Department of Environmental Protection

Compliance Certification Report

Validate Spreadsheet

Lock Spreadsheet for Submission



State of New Jersey
Department of Environmental Protection

Compliance Certification Report

INSTRUCTIONS:

Validation Tab:

This worksheet is used to validate and lock the spreadsheet after it has been completed. Upon completion of the spreadsheet, navigate to the Validation Tab and click the "Validate" button. After clicking "Validate", any validation issues will be displayed. If validation issues appear, you must make corrections to the spreadsheet as directed, return to the Validation Tab, and click "Validate" again. Repeat this process until you do not receive any validation issues. Next, click the "Lock" button to lock the spreadsheet. Once locked, the spreadsheet can be uploaded to the Department's NJEMS central file.

Facility Info and Cert Status Tab:

Section I - Facility Information

1. Facility Name: Enter the New Jersey air pollution facility name. Your facility name should be the same as it appears on the approved operating permit.
2. Program Interest Number: Enter the Program Interest (PI) number for which the Title V annual certification is being submitted. The Program Interest Number is a five-digit facility identification number assigned by the Department, which can be found on your approved operating permit.
3. Submittal Type: Choose Submittal Type, by clicking the corresponding radio button. Note - "combined" refers to a submittal covering both the 2nd Half Semi-Annual Deviation Report, and the Annual Compliance Certification.
4. Is this a Revision?: In Section 4, select "Yes" if this is a re-submittal, otherwise select "No".
5. Reporting Year: Enter the year for which you are reporting. Note that for Annual Compliance Certs., electronic submittals are only available to facilities reporting on a calendar year basis. If your operating permit requires submittal of Annual Compliance Certs. 60 days from the anniversary of the initial approval date, you must continue to submit Annual Compliance Certs. on paper forms (100, 100A, and 100B).
Paper forms can be found here: <http://www.nj.gov/dep/enforcement/annualcompreports.htm>
6. Due Date: This field should auto-populate based on your previous selections.
7. Reporting Period: These fields should auto-populate based on your previous selections.

Section II - Compliance Certification Statement

Semi-Annual Deviation Reports: Choose selection 1.

Annual Compliance Certifications: Compliance Status for the Reporting Period. Click the radio button corresponding to the statement indicating the facility's status for the reporting period. Read all five statements thoroughly and choose the one that best reflects the facility's compliance throughout the reporting period. If your facility did not comply with all applicable requirements in the operating permit continuously throughout the reporting period, regardless if the facility has returned to compliance, DO NOT select statement "a".

Continuous Compliance Summary Tab - Section IIIa Summary of Facility and Emission Unit Compliance Status:

This Section is used to list Emission Units/Batch Processes that were in continuous compliance during the reporting period.

Annual Compliance Certs. and Combined 2nd Half Semi-Annual Deviation Report/Annual Compliance Certs.:

1. Permit Activity ID: Enter the Permit Activity ID. This ID is listed on your approved operating permit and consists of the letters "BOP" followed by 5 digits. i.e. "BOP080001". Note that you may have had more than one Operating Permit in effect during the period for which you are reporting. If this is a case, all Permit Activity IDs in effect during the reporting period must be listed.
2. Emission Unit/Batch Process: Section IIIa must include each Subject Item Included for each Operating Permit that was in effect during the reporting period.

Under this column, fill in each Subject Item listed in the associated operating permit. Enter only one Subject Item per row. For each Emission Unit/Batch Process, you will be certifying compliance for all requirements listed under that Unit, including all Operating Scenarios, Steps, Control Devices, or any other Subject Items associated with the Emission Unit/Batch Process. If you have any Insignificant Sources (IS), or other Subject Items not associated with an Emission Unit/Batch Process, which has requirements, you must also list them in this section.
Example: U1: Includes OSO, OS1, OS2, CD1, PT1, E101, E102 BP2: Includes OSO, OS1, CD2, CD3, PT2, PT3, E201, E202, E203

3. Continuous Compliance During Reporting Period:
You must select Continuous Compliance for each Subject Item for which you are certifying continuous compliance by using the dropdown menu to select "Yes" or "No" to indicate whether or not the Subject Item was in continuous compliance during the reporting period.

Semi-Annual Deviation Reports:

Section IIIa is optional for Semi-Annual Deviation Report submittals. If you wish to list Emission Unit/Batch Process information for Subject Items which were in Continuous Compliance during the reporting period, please see above Instructions for Annual Compliance Certs., and Combined 2nd Half Semi-Annual Deviation Report/Annual Compliance Certs. Otherwise this section can remain blank.

Deviation Compliance Summary Tab - Section IIIb Summary of Facility and Emission Unit Compliance Status:

This section is used to enter details of deviations that occurred during the reporting period.

1. Permit Activity ID: Permit Activity ID: Enter the Permit Activity ID associated with the requirement for which you are reporting a deviation. This ID is listed on your approved operating permit and consists of the letters "BOP" followed by 5 digits. I.e. "BOP080001". Note that you may have had more than one Operating Permit in effect during the period for which you are reporting.

2. Subject Item(s): Use these columns to enter the Subject Item(s) from the Operating Permit for the deviation(s) you are reporting.

3. Requirement Reference #: Enter the referenced # for the deviation(s) you are reporting.

4. Requirement Type: Select the requirement type for the deviation(s) you are reporting

5. Description of Deviation: Briefly describe the deviation.

6. Compliance Status at the End of the Reporting Period: Select "In Compliance" or "Out of Compliance" to indicate compliance status at the end of the reporting period with regard to the deviation(s).

7. Was this Deviation Intermittent or Continuous Throughout the Reporting Period?: If the deviation was ongoing throughout the entire reporting period select "continuous". Otherwise select "Intermittent".

8. Deviation Notification/Department Response Status: Note - more than one selection may apply, user can select multiple items from the drop-down menu.

Compliance Report: Select "Compliance Report" if you have previously submitted information relative to the deviation to the Department in a compliance report. (I.e. EEMPR). If "Compliance Report" is selected, you will be required to add information under the column labeled "Compliance Report Type". Note that if "Compliance Report" is selected, Columns "P" (Recurring Deviation of Requirement) through "X" (Comments) on this Tab are optional.

DEP Addressed with ENF Action: Select "DEP Addressed with ENF Action" if you have received an enforcement action (I.e. NOV, AONOCAPA) from the Department for the deviation you are reporting. If "DEP Addressed with ENF Action" is selected, you will be required to enter the EA Activity Number under the column labeled "Enforcement Action Activity Number"

Notification: Select "Notification" if you have previously notified the Department of the deviation. If Notification is selected, the user will be required to enter the CC# or reported date under the column labeled "Communication Center Notification Number or Reported Date".

9. Compliance Report Type: If "Compliance Report" was selected under the "Deviation Notification/Department Response Status" column, you are required to enter information in this field. Use this field to specify the type of report the deviation was reported under (I.e. EEMPR).

10. Enforcement Action Activity Number: If "DEP Addressed with Enf Action" was selected under the "Deviation Notification/Department Response Status" column, you are required to enter information in this field. Use this field to enter the EA# (I.e. PEA080001).

11. Communication Center Notification Number or Reported Date: If "Notification" was selected under the "Deviation Notification/Department Response Status" column, you are required to enter information in this field. If notification was made through the DEP Hotline (1-877-WARNDEP), enter the communication center number here (I.e. 08-11-04-1234-32). If notification was made by other means (I.e. calling the field office directly), enter the date that the deviation was reported to the Department. The Comments section can be used to describe the method of notification if needed. Note - the DEP Hotline is the preferred method of notifying the Department regarding deviations.

12. Recurring Deviation of Requirement: If the deviation occurred on multiple dates throughout the reporting period select "Yes". Otherwise select "No".

13. List all Deviation Dates or Date Ranges: If you selected "Yes" under "Recurring Deviation of Requirement", you must list the dates or date ranges on which the deviation occurred. Otherwise this column is optional.

14. Deviation Discovery Date: Enter the date on which you first became aware of the deviation.
15. Affirmative Defense Requested?: Select "Yes" or "No" to indicate whether or not you asserted affirmative defense to liability for the deviation.
16. Did the Deviation Result in Excess Emissions? Select "Yes" or "No" to indicate whether or not the deviation resulted in excess emissions.
17. Estimate the Amount of Emissions Below: Select contaminant as appropriate. If excess emissions can be calculated, fill in the approximate amount of excess emissions in lbs.
18. Describe the steps taken to correct the problem: Enter text in this field as appropriate.
19. Comments: Enter comments as appropriate.

Section I - Facility Information

1) Facility Name: PSEG Nuclear LLC

2) Program Interest Number (5-Digit): 65500

The permittee shall submit to the Department and to the EPA, a periodic compliance certification, in accordance with N.J.A.C. 7:27-22.19(f) and the schedule for submittal of compliance certifications set forth in the compliance plan of your operating permit. The annual compliance certification is due to the Department and the EPA within 60 days of the expiration of each 1-year anniversary of the Initial Operating Permit Approval Date, unless otherwise specified in your approved operating permit.

3) Submittal Type: Combined (Choose from List)

4) Is this a revision of an already submitted report? No (Choose from List)

5) Reporting Year: 2014

6) This report is due: 01/30/2015
(MM/DD/YYYY)

and covers the reporting period from: 01/01/2014 to: 12/31/2014
(MM/DD/YYYY) (MM/DD/YYYY)

7) The methods used to determine the compliance status for each permit limitation are, at a minimum, as specified in the approved operating permit.

Section II - Compliance Certification Statement

Compliance Status for the Reporting Period:

- ☒ a. Pursuant to N.J.A.C. 7:27-22.19(f)1.i, I hereby state that this facility is currently in compliance with all applicable requirements as indicated in the facility specific requirements of my operating permit and has been in continuous compliance for the time period listed in Section I.3 above.
- ☐ b. Pursuant to N.J.A.C. 7:27-22.19(f)1.i, I hereby state that this facility is currently in compliance with all applicable requirements as indicated in the facility specific requirements of operating permit but had periods of non-compliance during the time period listed in Section I.3 above which are listed in the Deviation Summary tab.
- ☐ c. Pursuant to N.J.A.C. 7:27-22.19(f)1.ii, I hereby state that this facility is in compliance with all applicable requirements as indicated in the facility specific requirements of my operating permit for the time period listed in Section I.3 above except those applicable requirements listed in the compliance schedule, included in my operating permit pursuant to N.J.A.C. 7:27-22.9(c)7, which includes a sequence of actions with milestones leading to compliance with the applicable requirement.
- ☐ d. Pursuant to N.J.A.C. 7:27-22.19(f)1.iii, I hereby state that this facility is in compliance with all applicable requirements for the time period listed in Section I.3 above as indicated in the facility specific requirements of my operating permit, except for those applicable requirements included in an order or consent decree not incorporated into a compliance schedule.
- ☐ e. Pursuant to N.J.A.C. 7:27-22.19(f)1.iv, I hereby state that this facility is currently not in compliance with at least one applicable requirement in the facility specific requirements of my operating permit, which are listed in the Deviation Summary tab.
- ☐ f. None of the above. This is a semi-annual report.



State of New Jersey
Department of Environmental
Protection

Section IIIa - Summary of Facility and Emission Unit Compliance Status

Add Rows

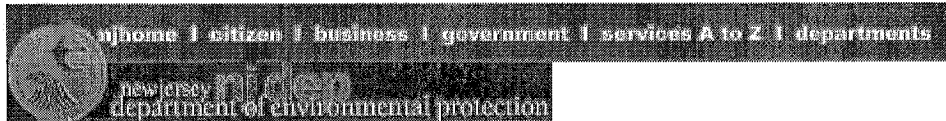
Insert Row

Delete Rows

Set All Yes/No

Permit Activity ID	Each Unit Includes ALL Operating Scenarios (OS), Steps (ST), Control Devices (CD), Emission Point (PT), Group (GR) and Equipment (E) listed under that UNIT or BP Emission Unit/Batch Process	Continuous Compliance Throughout the Reporting Period
BOP130001	FC	Yes
BOP130001	U1	Yes
BOP130001	U11	Yes
BOP130001	U19	Yes
BOP130001	U22	Yes
BOP130001	U24	Yes
BOP130001	U33	Yes
BOP130001	U34	Yes
BOP130001	U35	Yes
BOP130001	U36	Yes
BOP130001	U37	Yes
BOP130001	U39	Yes
BOP130001	U40	Yes
BOP130001	U41	Yes
BOP130001	U42	Yes
BOP130001	U43	Yes
BOP130001	U44	Yes
BOP130001	U45	Yes
BOP130001	U46	Yes
BOP130001	U47	Yes
BOP130001	U49	Yes
BOP130001	U55	Yes
BOP130001	U56	Yes
BOP130001	U57	Yes
BOP130001	U58	Yes
BOP130001	U60	Yes
BOP130001	U70	Yes
BOP130001	U71	Yes
BOP130001	U72	Yes
BOP130001	U73	Yes
BOP130001	U74	Yes
BOP130001	U75	Yes
BOP130001	U120	Yes
BOP130001	U130	Yes
BOP130001	U140	Yes
BOP130001	U141	Yes
BOP140006	U185	Yes
BOP140002	U186	Yes
BOP140003	U187	Yes
BOP140004	U188	Yes
BOP140007	U189	Yes
BOP140008	U190	Yes
BOP140005	U191	Yes
BOP130001	FG3	Yes
BOP130001	FG7	Yes
BOP130001	IS1	Yes
BOP130001	IS2	Yes
BOP130001	IS4	Yes
BOP130001	IS5	Yes
BOP130001	IS6	Yes
BOP130001	IS16	Yes
BOP130001	IS100	Yes
BOP130001	IS102	Yes
BOP130001	IS103	Yes
BOP130001	IS104	Yes
BOP130001	IS105	Yes

BOP130001	IS106	Yes
BOP130001	IS107	Yes
BOP130001	IS108	Yes
BOP130001	IS109	Yes
BOP130001	IS110	Yes
BOP130001	IS111	Yes

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Version: 5.3

65500

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Name](#)[3 - Facility Selection](#)[4 - Contacts](#)[5 - Spreadsheet
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Confirmation](#)[7 - Attachment
Upload](#)[8 - Certification](#)[9 - Submission
Confirmation](#)

The following was successfully submitted:

Submission: 474755:2014 Compliance
Certification

Your application has been submitted. We will contact you if further information is needed.

Please Note

You may click on a previously visited page (above) to navigate back to that screen.



To: File
LR-E15-0031

From: Luis Cataldo
Nuclear Sr. Environmental Specialist

Subject: 2014 GHG Report Including Deferred Subpart C

Date: March 31, 2015

Attached are pertinent records and a copy of the electronic Confirmation of submittal from EPA's e-GGRT.

A handwritten signature in black ink, appearing to read "Luis Cataldo", written over a horizontal line.

Luis Cataldo
Nuclear Sr. Environmental Specialist

Attachments (3)

cc: Records Management

Cataldo, Luis

From: Modes, Richard E.
Sent: Tuesday, March 31, 2015 11:43 AM
To: Cataldo, Luis; Gregory, Helen L
Cc: Kraus, Alison R.; Merritt E. McGlynn (merritt.mcglynn@erm.com)
Subject: FW: e-GGRT: annual GHG report has been submitted to EPA (Ref# 709657)

-----Original Message-----

From: eGGRT@ccdsupport.com [<mailto:eGGRT@ccdsupport.com>]
Sent: Tuesday, March 31, 2015 11:43 AM
To: Strickland, Mark F.
Cc: Modes, Richard E.; merritt.mcglynn@erm.com; jeffrey.pantazes@pseg.com
Subject: e-GGRT: annual GHG report has been submitted to EPA (Ref# 709657)

Email sent from outside of PSEG. Use caution before using links/attachments.

A Notice from EPA's Electronic Greenhouse Gas Reporting Tool (e-GGRT)

The 2014 GHG annual report for the following facility or supplier has been submitted, certified and sent to EPA.

Reporting Year: 2014
Submission Number: 1
Confirmation Code: 109325-105637
GHG Facility ID: 519934
Salem
39.4676, -75.5304 [END OF BUTTONWOOD ROAD] HANCOCKS BRIDGE, NJ 08038

Designated Representative: Pantazes, Jeffrey

Alternate Designated Representative: Strickland, Mark

The report was submitted by Strickland, Mark on Tue Mar 31 11:42:14 EDT 2015.

You may submit revisions to your GHG annual report if there is a need to update your GHG data.

If you believe you received this message in error, or have questions, please contact the Help Desk at ghgreporting@epa.gov, or by calling 1-877-444-1188, Monday through Friday during regular business hours.

20042
709657

Year	2014
GREEN Highlighted Cells Require Data Entry for Calculations	

Subpart C - General Stationary Fuel Combustion Sources

Equipment	Fuel Usage Basis	Heat Input (MMBTU/hr)	Hours of Operation	Fuel Usage (gal)	CO ₂ Emissions (kg)	CO ₂ Emissions (tonnes)	CH ₄ Emissions (tonnes)	CO ₂ e from CH ₄ Emissions (tonnes)	N ₂ O Emissions (tonnes)	CO ₂ e from N ₂ O Emissions (tonnes)	Total CO ₂ e Emissions (tonnes)
Circulating Water Inlet Boiler	Fuel Flow Meter	6.3	252.1	11,299	117,466	117	0.00	0.12	0.00	0.28	118
Service Water Boiler 1A	Fuel usage from	0.6	252.1	1,142	11,653	12	0.00	0.01	0.00	0.03	12
Service Water Boiler 1B	Circulating Water Inlet	0.6	252.1	1,142	11,653	12	0.00	0.01	0.00	0.03	12
Service Water Boiler 2A	Boiler and apportioned by	0.6	252.1	1,142	11,653	12	0.00	0.01	0.00	0.03	12
Service Water Boiler 2B	Maximum Heat Input	0.6	252.1	1,142	11,653	12	0.00	0.01	0.00	0.03	12
Solar Air Compressor No. 1	Hour Meter and	2.8	22	43	456	0	0.00	0.00	0.00	0.00	0
Solar Air Compressor No. 2	Hour Meter and	2.8	14	28	290	0	0.00	0.00	0.00	0.00	0
New Aux Boiler No. 1	Fuel Flow Meter	74.9	538.0	299,976.0	2,980,047	2,980	0.12	3.02	0.02	7.20	2,990
New Aux Boiler No. 2	Fuel Flow Meter	74.9	543.9	299,983.0	3,012,779	3,013	0.12	3.06	0.02	7.28	3,023
151 HP CW Bay Pumps (3)	Hour Meter and	1.1 each	604.6	764	7,798	8	0.00	0.01	0.00	0.02	8
Aggregated Group Total				604,072	6,165,450	6,165.3	0.25	6.3	0.050	14.9	6,187

Subpart D - Electricity Generation

Equipment	Fuel Usage Basis	Heat Input (MMBTU/hr)	Hours of Operation	Heat Input from Part 75 (MMBTU)	CO ₂ Emissions from Part 75 (tonnes)	CO ₂ Emissions from Part 75 (tonnes)	CH ₄ Emissions (tonnes)	CO ₂ e from CH ₄ Emissions (tonnes)	N ₂ O Emissions (tonnes)	CO ₂ e from N ₂ O Emissions (tonnes)	Total CO ₂ e Emissions (tonnes)
Sodium Unit No. 3	EPA's Clean Air Markets Database	405 each	78	13,825	3,119.40	1,015.24	0.04	1.04	0.008	2.47	1,019

GHG REPORTING RULE 25.900 N/A CO₂e YES, GHG REPORT NOT REQUIRED
 GHG REPORTING RULE 25.901 N/A CO₂e YES, GHG REPORT NOT REQUIRED
 GHG REPORTING RULE 25.902 N/A CO₂e YES, GHG REPORT NOT REQUIRED
 GHG REPORTING RULE 25.903 N/A CO₂e YES, GHG REPORT NOT REQUIRED
 GHG REPORTING RULE 25.904 N/A CO₂e YES, GHG REPORT NOT REQUIRED
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 GHG REPORTING RULE 25.997 N/A CO₂e YES, GHG REPORT NOT REQUIRED
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Subpart A - Global Warming Potentials

Pollutant	Global Warming Potential (100 years)
CO ₂	1
CH ₄	25
N ₂ O	298

Global Warming Potentials from Table A-1 of Subpart A.

Subpart C - GHG Reporting Rule Emission Factors

Fuel	Higher Heating Value (MMBTU/gal)	CO ₂ Emission Factor (kg/MMBTU)	CH ₄ Emission Factor (kg/MMBTU)	N ₂ O Emission Factor (kg/MMBTU)
Distillate Fuel Oil No. 2	0.138	73.96	0.003	0.0006

Emission Factors from Table C-1 and C-2 to Subpart C, 40 CFR 98.

Subpart C - General Stationary Fuel Combustion Sources

Collection of Data That Was Deferred Until March 31, 2015 for

EPA deferred reporting of certain Subpart C data elements, all of which were equation inputs, until March 31, 2015. See 76 FR 53057 (published August 25,

Worksheet Instructions:

Begin by entering your facility name and GHGRP ID in column A2. In Part 2, data are either selected or entered sequentially from left to right with no empty cells. Begin by selecting the year for which you are reporting deferred inputs in column B1. Enter your unit name in column B2 and then in column B3 pick from the dropdown selection to specify the fuel name. You must select the deferred reporting year before selecting the fuel name. Once your fuel name has been selected,

<http://www.epa.gov/ghgreporting/deferred-reporting-subpart-c>

Version:

D.1

A1	A2
Part 1 - Facility Information	
Instructions: Complete the following	
Facility Name:	
GHGRP ID:	610034
Comments (optional):	

Part 2 - Unit Identification and Reporting:					Data Elements Which Must Be Reported:		
B1	B2	B3	B4	B5	B7	B8.a	B8.b
Report Year	Unit Name	Specify Fuel Name from selection	Physical State	Select Equation(s) used to calculate CO ₂ and/or CH ₄ /N ₂ O emissions:	Mass or Volume of fuel combusted (input to Equations C-1 and C-8) [user entered] (short tons/year) (scf/year) (gallons/year)	Annual natural gas usage (input to Equation C-1a AND C-8a) [user entered] (therms/year)	Annual natural gas usage (input to Equation C-1b AND C-8b) [user entered] (mmBtu/year)
2010	Sullivan 1600Q Air Compressor	Distillate Fuel Oil No. 2	-	C-1/8	3828.528888		
2010	House Heating Boiler No.1	Distillate Fuel Oil No. 2	-	C-1/8	0		
2010	House Heating Boiler No.2	Distillate Fuel Oil No. 2	-	C-1/8	17.2		
2010	Circulating Water Intake Boiler	Distillate Fuel Oil No. 2	-	C-1/8	21888		
2010	Service Water Boiler 1A	Distillate Fuel Oil No. 2	-	C-1/8	2088.904762		
2010	Service Water Boiler 1B	Distillate Fuel Oil No. 2	-	C-1/8	2088.904762		
2010	Service Water Boiler 2A	Distillate Fuel Oil No. 2	-	C-1/8	2088.904762		
2010	Service Water Boiler 2B	Distillate Fuel Oil No. 2	-	C-1/8	2088.904762		
2010	Sulfur Air Compressor No. 1	Distillate Fuel Oil No. 2	-	C-1/8	1301.140278		
2010	Sulfur Air Compressor No. 2	Distillate Fuel Oil No. 2	-	C-1/8	1301.140278		
2010	New Aux Boiler No.1	Distillate Fuel Oil No. 2	-	C-1/8	21888		
2010	New Aux Boiler No.2	Distillate Fuel Oil No. 2	-	C-1/8	372110		
2010	151 HP CW Day Pumps (3)	Distillate Fuel Oil No. 2	-	C-1/8	4537.568851		
2011	Sullivan 1600Q Air Compressor	Distillate Fuel Oil No. 2	-	C-1/8	3700072184		
2011	House Heating Boiler No.1	Distillate Fuel Oil No. 2	-	C-1/8	0		
2011	House Heating Boiler No.2	Distillate Fuel Oil No. 2	-	C-1/8	1.8		
2011	Circulating Water Intake Boiler	Distillate Fuel Oil No. 2	-	C-1/8	15248		
2011	Service Water Boiler 1A	Distillate Fuel Oil No. 2	-	C-1/8	1612.103176		
2011	Service Water Boiler 1B	Distillate Fuel Oil No. 2	-	C-1/8	1612.103176		
2011	Service Water Boiler 2A	Distillate Fuel Oil No. 2	-	C-1/8	1612.103176		
2011	Service Water Boiler 2B	Distillate Fuel Oil No. 2	-	C-1/8	1612.103176		
2011	Sulfur Air Compressor No.1	Distillate Fuel Oil No. 2	-	C-1/8	3803072184		
2011	Sulfur Air Compressor No. 2	Distillate Fuel Oil No. 2	-	C-1/8	3803072184		
2011	New Aux Boiler No.1	Distillate Fuel Oil No. 2	-	C-1/8	236915		
2011	New Aux Boiler No.2	Distillate Fuel Oil No. 2	-	C-1/8	164840		
2011	151 HP CW Day Pumps (3)	Distillate Fuel Oil No. 2	-	C-1/8	0		
2012	Sullivan 1600Q Air Compressor	Distillate Fuel Oil No. 2	-	C-1/8	6444.904346		
2012	Circulating Water Intake Boiler	Distillate Fuel Oil No. 2	-	C-1/8	3870		
2012	Service Water Boiler 1A	Distillate Fuel Oil No. 2	-	C-1/8	3813230066		
2012	Service Water Boiler 1B	Distillate Fuel Oil No. 2	-	C-1/8	3813230066		
2012	Service Water Boiler 2A	Distillate Fuel Oil No. 2	-	C-1/8	3813230066		
2012	Service Water Boiler 2B	Distillate Fuel Oil No. 2	-	C-1/8	3813230066		
2012	Sulfur Air Compressor No. 1	Distillate Fuel Oil No. 2	-	C-1/8	2434782000		
2012	Sulfur Air Compressor No. 2	Distillate Fuel Oil No. 2	-	C-1/8	2434782000		
2012	New Aux Boiler No.1	Distillate Fuel Oil No. 2	-	C-1/8	923003		
2012	New Aux Boiler No.2	Distillate Fuel Oil No. 2	-	C-1/8	46862		
2012	151 HP CW Day Pumps (3)	Distillate Fuel Oil No. 2	-	C-1/8	3822.488561		
2013	Sullivan 1600Q Air Compressor	Distillate Fuel Oil No. 2	-	C-1/8	4768378812		
2013	Circulating Water Intake Boiler	Distillate Fuel Oil No. 2	-	C-1/8	6885		
2013	Service Water Boiler 1A	Distillate Fuel Oil No. 2	-	C-1/8	681.0515873		
2013	Service Water Boiler 1B	Distillate Fuel Oil No. 2	-	C-1/8	681.0515873		
2013	Service Water Boiler 2A	Distillate Fuel Oil No. 2	-	C-1/8	681.0515873		
2013	Service Water Boiler 2B	Distillate Fuel Oil No. 2	-	C-1/8	681.0515873		
2013	Sulfur Air Compressor No. 1	Distillate Fuel Oil No. 2	-	C-1/8	880.2868551		
2013	Sulfur Air Compressor No. 2	Distillate Fuel Oil No. 2	-	C-1/8	1200.655072		
2013	New Aux Boiler No.1	Distillate Fuel Oil No. 2	-	C-1/8	282006		
2013	New Aux Boiler No.2	Distillate Fuel Oil No. 2	-	C-1/8	381734		
2013	151 HP CW Day Pumps (3)	Distillate Fuel Oil No. 2	-	C-1/8	7395045026		



To: File
LR-E15-0031

From: Luis Cataldo
Nuclear Sr. Environmental Specialist

Subject: 2014 GHG Report Including Deferred Subpart C

Date: March 31, 2015

Attached are pertinent records and a copy of the electronic Confirmation of submittal from EPA's e-GGRT.

A handwritten signature in black ink, appearing to read "Luis Cataldo", written over a horizontal line.

Luis Cataldo
Nuclear Sr. Environmental Specialist

Attachments (3)

cc: Records Management

Cataldo, Luis

From: Modes, Richard E.
Sent: Tuesday, March 31, 2015 11:43 AM
To: Cataldo, Luis; Gregory, Helen L
Cc: Kraus, Alison R.; Merritt E. McGlynn (merritt.mcglynn@erm.com)
Subject: FW: e-GGRT: annual GHG report has been submitted to EPA (Ref# 709657)

-----Original Message-----

From: eGGRT@ccdsupport.com [<mailto:eGGRT@ccdsupport.com>]
Sent: Tuesday, March 31, 2015 11:43 AM
To: Strickland, Mark F.
Cc: Modes, Richard E.; merritt.mcglynn@erm.com; jeffrey.pantazes@pseg.com
Subject: e-GGRT: annual GHG report has been submitted to EPA (Ref# 709657)

Email sent from outside of PSEG. Use caution before using links/attachments.

A Notice from EPA's Electronic Greenhouse Gas Reporting Tool (e-GGRT)

The 2014 GHG annual report for the following facility or supplier has been submitted, certified and sent to EPA.

Reporting Year: 2014
Submission Number: 1
Confirmation Code: 109325-105637
GHG Facility ID: 519934
Salem
39.4676, -75.5304 [END OF BUTTONWOOD ROAD] HANCOCKS BRIDGE, NJ 08038

Designated Representative: Pantazes, Jeffrey

Alternate Designated Representative: Strickland, Mark

The report was submitted by Strickland, Mark on Tue Mar 31 11:42:14 EDT 2015.

You may submit revisions to your GHG annual report if there is a need to update your GHG data.

If you believe you received this message in error, or have questions, please contact the Help Desk at ghgreporting@epa.gov, or by calling 1-877-444-1188, Monday through Friday during regular business hours.

20042
709657

Year	2014	GREEN Highlighted Cells Require Data Entry for Calculations
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Subpart C - General Stationary Fuel Combustion Sources

Equipment	Fuel Usage Basis	Heat Input (MMBTU/hr)	Hours of Operation	Fuel Usage (gal)	CO ₂ Emissions (kg)	CO ₂ Emissions (tonnes)	CH ₄ Emissions (tonnes)	CO ₂ e from CH ₄ Emissions (tonnes)	N ₂ O Emissions (tonnes)	CO ₂ e from N ₂ O Emissions (tonnes)	Total CO ₂ e Emissions (tonnes)
Circulating Water Inlet Boiler	Fuel Flow Meter	6.3	252.1	11,299	117,466	117	0.00	0.12	0.00	0.28	118
Service Water Boiler 1A	Fuel usage from	0.6	252.1	1,142	11,653	12	0.00	0.01	0.00	0.03	12
Service Water Boiler 1B	Circulating Water Inlet	0.6	252.1	1,142	11,653	12	0.00	0.01	0.00	0.03	12
Service Water Boiler 2A	Boiler and apportioned by	0.6	252.1	1,142	11,653	12	0.00	0.01	0.00	0.03	12
Service Water Boiler 2B	Maximum Heat Input	0.6	252.1	1,142	11,653	12	0.00	0.01	0.00	0.03	12
Solar Air Compressor No. 1	Hour Meter and	2.8	22	43	456	0	0.00	0.00	0.00	0.00	0
Solar Air Compressor No. 2	Hour Meter and	2.8	14	28	290	0	0.00	0.00	0.00	0.00	0
New Aux Boiler No. 1	Fuel Flow Meter	74.9	538.0	299,976.0	2,980,047	2,980	0.12	3.02	0.02	7.20	2,990
New Aux Boiler No. 2	Fuel Flow Meter	74.9	543.9	299,383.0	3,012,779	3,013	0.12	3.06	0.02	7.28	3,023
151 HP CW Bay Pumps (3)	Hour Meter and	1.1 each	604.6	764	7,798	8	0.00	0.01	0.00	0.02	8
Aggregated Group Total				604,072	6,165,450	6,165.3	0.25	6.3	0.050	14.9	6,187

Subpart D - Electricity Generation

Equipment	Fuel Usage Basis	Heat Input (MMBTU/hr)	Hours of Operation	Heat Input from Part 75 (MMBTU)	CO ₂ Emissions from Part 75 (tonnes)	CO ₂ Emissions from Part 75 (tonnes)	CH ₄ Emissions (tonnes)	CO ₂ e from CH ₄ Emissions (tonnes)	N ₂ O Emissions (tonnes)	CO ₂ e from N ₂ O Emissions (tonnes)	Total CO ₂ e Emissions (tonnes)
Sodium Unit No. 3	EPA's Clean Air Markets Database	405 each	78	13,825	3,119.40	1,015.24	0.04	1.04	0.008	2.47	1,019

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 GHG REPORTING RULE 25.946 N/A CO₂e YES, GHG REPORT NOT REQUIRED
 GHG REPORTING RULE 25.947 N/A CO₂e YES, GHG REPORT NOT REQUIRED
 GHG REPORTING RULE 25.948 N/A CO₂e YES, GHG REPORT NOT REQUIRED
 GHG REPORTING RULE 25.949 N/A CO₂e YES, GHG REPORT NOT REQUIRED
 GHG REPORTING RULE 25.950 N/A CO₂e YES, GHG REPORT NOT REQUIRED
 GHG REPORTING RULE 25.951 N/A CO₂e YES, GHG REPORT NOT REQUIRED
 GHG REPORTING RULE 25.952 N/A CO₂e YES, GHG REPORT NOT REQUIRED
 GHG REPORTING RULE 25.953 N/A CO₂e YES, GHG REPORT NOT REQUIRED
 GHG REPORTING RULE 25.954 N/A CO₂e YES, GHG REPORT NOT REQUIRED
 GHG REPORTING RULE 25.955 N/A CO₂e YES, GHG REPORT NOT REQUIRED
 GHG REPORTING RULE 25.956 N/A CO₂e YES, GHG REPORT NOT REQUIRED
 GHG REPORTING RULE 25.957 N/A CO₂e YES, GHG REPORT NOT REQUIRED
 GHG REPORTING RULE 25.958 N/A CO₂e YES, GHG REPORT NOT REQUIRED
 GHG REPORTING RULE 25.959 N/A CO₂e YES, GHG REPORT NOT REQUIRED
 GHG REPORTING RULE 25.960 N/A CO₂e YES, GHG REPORT NOT REQUIRED
 GHG REPORTING RULE 25.961 N/A CO₂e YES, GHG REPORT NOT REQUIRED
 GHG REPORTING RULE 25.962 N/A CO₂e YES, GHG REPORT NOT REQUIRED
 GHG REPORTING RULE 25.963 N/A CO₂e YES, GHG REPORT NOT REQUIRED
 GHG REPORTING RULE 25.964 N/A CO₂e YES, GHG REPORT NOT REQUIRED
 GHG REPORTING RULE 25.965 N/A CO₂e YES, GHG REPORT NOT REQUIRED
 GHG REPORTING RULE 25.966 N/A CO₂e YES, GHG REPORT NOT REQUIRED
 GHG REPORTING RULE 25.967 N/A CO₂e YES, GHG REPORT NOT REQUIRED
 GHG REPORTING RULE 25.968 N/A CO₂e YES, GHG REPORT NOT REQUIRED
 GHG REPORTING RULE 25.969 N/A CO₂e YES, GHG REPORT NOT REQUIRED
 GHG REPORTING RULE 25.970 N/A CO₂e YES, GHG REPORT NOT REQUIRED
 GHG REPORTING RULE 25.971 N/A CO₂e YES, GHG REPORT NOT REQUIRED
 GHG REPORTING RULE 25.972 N/A CO₂e YES, GHG REPORT NOT REQUIRED
 GHG REPORTING RULE 25.973 N/A CO₂e YES, GHG REPORT NOT REQUIRED
 GHG REPORTING RULE 25.974 N/A CO₂e YES, GHG REPORT NOT REQUIRED
 GHG REPORTING RULE 25.975 N/A CO₂e YES, GHG REPORT NOT REQUIRED
 GHG REPORTING RULE 25.976 N/A CO₂e YES, GHG REPORT NOT REQUIRED
 GHG REPORTING RULE 25.977 N/A CO₂e YES, GHG REPORT NOT REQUIRED
 GHG REPORTING RULE 25.978 N/A CO₂e YES, GHG REPORT NOT REQUIRED
 GHG REPORTING RULE 25.979 N/A CO₂e YES, GHG REPORT NOT REQUIRED
 GHG REPORTING RULE 25.980 N/A CO₂e YES, GHG REPORT NOT REQUIRED
 GHG REPORTING RULE 25.981 N/A CO₂e YES, GHG REPORT NOT REQUIRED
 GHG REPORTING RULE 25.982 N/A CO₂e YES, GHG REPORT NOT REQUIRED
 GHG REPORTING RULE 25.983 N/A CO₂e YES, GHG REPORT NOT REQUIRED
 GHG REPORTING RULE 25.984 N/A CO₂e YES, GHG REPORT NOT REQUIRED
 GHG REPORTING RULE 25.985 N/A CO₂e YES, GHG REPORT NOT REQUIRED
 GHG REPORTING RULE 25.986 N/A CO₂e YES, GHG REPORT NOT REQUIRED
 GHG REPORTING RULE 25.987 N/A CO₂e YES, GHG REPORT NOT REQUIRED
 GHG REPORTING RULE 25.988 N/A CO₂e YES, GHG REPORT NOT REQUIRED
 GHG REPORTING RULE 25.989 N/A CO₂e YES, GHG REPORT NOT REQUIRED
 GHG REPORTING RULE 25.990 N/A CO₂e YES, GHG REPORT NOT REQUIRED
 GHG REPORTING RULE 25.991 N/A CO₂e YES, GHG REPORT NOT REQUIRED
 GHG REPORTING RULE 25.992 N/A CO₂e YES, GHG REPORT NOT REQUIRED
 GHG REPORTING RULE 25.993 N/A CO₂e YES, GHG REPORT NOT REQUIRED
 GHG REPORTING RULE 25.994 N/A CO₂e YES, GHG REPORT NOT REQUIRED
 GHG REPORTING RULE 25.995 N/A CO₂e YES, GHG REPORT NOT REQUIRED
 GHG REPORTING RULE 25.996 N/A CO₂e YES, GHG REPORT NOT REQUIRED
 GHG REPORTING RULE 25.997 N/A CO₂e YES, GHG REPORT NOT REQUIRED
 GHG REPORTING RULE 25.998 N/A CO₂e YES, GHG REPORT NOT REQUIRED
 GHG REPORTING RULE 25.999 N/A CO₂e YES, GHG REPORT NOT REQUIRED
 GHG REPORTING RULE 26.000 N/A CO₂e YES, GHG REPORT NOT REQUIRED

Subpart A - Global Warming Potentials

Pollutant	Global Warming Potential (100 years)
CO ₂	1
CH ₄	25
N ₂ O	298

Global Warming Potentials from Table A-1 of Subpart A.

Subpart C - GHG Reporting Rule Emission Factors

Fuel	Higher Heating Value (MMBTU/gal)	CO ₂ Emission Factor (kg/MMBTU)	CH ₄ Emission Factor (kg/MMBTU)	N ₂ O Emission Factor (kg/MMBTU)
Distillate Fuel Oil No. 2	0.138	73.96	0.003	0.0006

Emission Factors from Table C-1 and C-2 to Subpart C, 40 CFR 98.

Subpart C - General Stationary Fuel Combustion Sources

Collection of Data That Was Deferred Until March 31, 2015 for

EPA deferred reporting of certain Subpart C data elements, all of which were equation inputs, until March 31, 2015. See 76 FR 53057 (published August 25, 2011).

Worksheet Instructions:

Begin by entering your facility name and GHGRP ID in column A2. In Part 2, data are either selected or entered sequentially from left to right with no empty cells. Begin by selecting the year for which you are reporting deferred inputs in column B1. Enter your unit name in column B2 and then in column B3 pick from the dropdown selection to specify the fuel name. You must select the deferred reporting year before selecting the fuel name. Once your fuel name has been selected, <http://www.epa.gov/ghgreporting/deferred-reporting-subpart-c>

Version:

D.1

A1	A2
Part 1 - Facility Information	
Instructions: Complete the following	
Facility Name:	
GHGRP ID:	610034
Comments (optional):	

Part 2 - Unit Identification and Reporting:					Data Elements Which Must Be Reported:		
B1	B2	B3	B4	B5	B7	B8.a	B8.b
Report Year	Unit Name	Specify Fuel Name from selection	Physical State	Select Equation(s) used to calculate CO ₂ and/or CH ₄ /N ₂ O emissions:	Mass or Volume of fuel combusted (input to Equations C-1 and C-8) [user entered]	Annual natural gas usage (input to Equation C-1a AND C-8a) [user entered]	Annual natural gas usage (input to Equation C-1b AND C-8b) [user entered]
					(short tons/year) (scf/year) (gallons/year)	(therms/year)	(mmBtu/year)
2010	Sullivan 1600Q Air Compressor	Distillate Fuel Oil No. 2	-	C-1/8	3828.528888		
2010	House Heating Boiler No.1	Distillate Fuel Oil No. 2	-	C-1/8	0		
2010	House Heating Boiler No.2	Distillate Fuel Oil No. 2	-	C-1/8	17.3		
2010	Circulating Water Intake Boiler	Distillate Fuel Oil No. 2	-	C-1/8	21888		
2010	Service Water Boiler 1A	Distillate Fuel Oil No. 2	-	C-1/8	2088.904762		
2010	Service Water Boiler 1B	Distillate Fuel Oil No. 2	-	C-1/8	2088.904762		
2010	Service Water Boiler 2A	Distillate Fuel Oil No. 2	-	C-1/8	2088.904762		
2010	Service Water Boiler 2B	Distillate Fuel Oil No. 2	-	C-1/8	2088.904762		
2010	Sulfur Air Compressor No. 1	Distillate Fuel Oil No. 2	-	C-1/8	1301.140278		
2010	Sulfur Air Compressor No. 2	Distillate Fuel Oil No. 2	-	C-1/8	1301.140278		
2010	New Aux Boiler No.1	Distillate Fuel Oil No. 2	-	C-1/8	21888		
2010	New Aux Boiler No.2	Distillate Fuel Oil No. 2	-	C-1/8	372110		
2010	151 HP CW Day Pumps (3)	Distillate Fuel Oil No. 2	-	C-1/8	1537.568851		
2011	Sullivan 1600Q Air Compressor	Distillate Fuel Oil No. 2	-	C-1/8	370072184		
2011	House Heating Boiler No.1	Distillate Fuel Oil No. 2	-	C-1/8	0		
2011	House Heating Boiler No.2	Distillate Fuel Oil No. 2	-	C-1/8	1.8		
2011	Circulating Water Intake Boiler	Distillate Fuel Oil No. 2	-	C-1/8	15248		
2011	Service Water Boiler 1A	Distillate Fuel Oil No. 2	-	C-1/8	1612.103176		
2011	Service Water Boiler 1B	Distillate Fuel Oil No. 2	-	C-1/8	1612.103176		
2011	Service Water Boiler 2A	Distillate Fuel Oil No. 2	-	C-1/8	1612.103176		
2011	Service Water Boiler 2B	Distillate Fuel Oil No. 2	-	C-1/8	1612.103176		
2011	Sulfur Air Compressor No.1	Distillate Fuel Oil No. 2	-	C-1/8	3613072184		
2011	Sulfur Air Compressor No. 2	Distillate Fuel Oil No. 2	-	C-1/8	3613072184		
2011	New Aux Boiler No.1	Distillate Fuel Oil No. 2	-	C-1/8	236915		
2011	New Aux Boiler No.2	Distillate Fuel Oil No. 2	-	C-1/8	164840		
2011	151 HP CW Day Pumps (3)	Distillate Fuel Oil No. 2	-	C-1/8	0		
2012	Sullivan 1600Q Air Compressor	Distillate Fuel Oil No. 2	-	C-1/8	6444.904346		
2012	Circulating Water Intake Boiler	Distillate Fuel Oil No. 2	-	C-1/8	3870		
2012	Service Water Boiler 1A	Distillate Fuel Oil No. 2	-	C-1/8	3813230066		
2012	Service Water Boiler 1B	Distillate Fuel Oil No. 2	-	C-1/8	3813230066		
2012	Service Water Boiler 2A	Distillate Fuel Oil No. 2	-	C-1/8	3813230066		
2012	Service Water Boiler 2B	Distillate Fuel Oil No. 2	-	C-1/8	3813230066		
2012	Sulfur Air Compressor No. 1	Distillate Fuel Oil No. 2	-	C-1/8	2434782000		
2012	Sulfur Air Compressor No. 2	Distillate Fuel Oil No. 2	-	C-1/8	2434782000		
2012	New Aux Boiler No.1	Distillate Fuel Oil No. 2	-	C-1/8	923003		
2012	New Aux Boiler No.2	Distillate Fuel Oil No. 2	-	C-1/8	46862		
2012	151 HP CW Day Pumps (3)	Distillate Fuel Oil No. 2	-	C-1/8	3822.488561		
2013	Sullivan 1600Q Air Compressor	Distillate Fuel Oil No. 2	-	C-1/8	4768378812		
2013	Circulating Water Intake Boiler	Distillate Fuel Oil No. 2	-	C-1/8	6885		
2013	Service Water Boiler 1A	Distillate Fuel Oil No. 2	-	C-1/8	681.0515873		
2013	Service Water Boiler 1B	Distillate Fuel Oil No. 2	-	C-1/8	681.0515873		
2013	Service Water Boiler 2A	Distillate Fuel Oil No. 2	-	C-1/8	681.0515873		
2013	Service Water Boiler 2B	Distillate Fuel Oil No. 2	-	C-1/8	681.0515873		
2013	Sulfur Air Compressor No. 1	Distillate Fuel Oil No. 2	-	C-1/8	880.2868551		
2013	Sulfur Air Compressor No. 2	Distillate Fuel Oil No. 2	-	C-1/8	1200.655072		
2013	New Aux Boiler No.1	Distillate Fuel Oil No. 2	-	C-1/8	282006		
2013	New Aux Boiler No.2	Distillate Fuel Oil No. 2	-	C-1/8	381734		
2013	151 HP CW Day Pumps (3)	Distillate Fuel Oil No. 2	-	C-1/8	7395045026		



LR-E15-0059

Dated:

JUN 30 2015

Certified Mail, Return Receipt Requested
Article Number: 7013 2630 0000 0536 4611

Salem County Department of Health
Community Right to Know Coordinator
98 Market Street
Salem, NJ 08079 - 1996

RE: Release & Pollution Prevention Report - 2014
Salem and Hope Creek Generating Stations
TRI Facility ID No. 08038NCLRBENDOF
CRTK Facility ID No. 223663480

Dear Sir/Madam:

Please find enclosed the Release and Pollution Prevention Report (RPPR) for 2014 reporting year for the subject Facility.

This information is being submitted as required under Section 313 Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and the Pollution Prevention Act of 1990.

Should you have any questions regarding this information, please do not hesitate to contact Cheryl Drach at (856) 339-1493.

Sincerely,

A handwritten signature in cursive script that reads "Helen Gregory".

Helen Gregory
Environmental Compliance Manager – Nuclear

Enclosure (TRI & RPPR Reports)

Salem County Department of Health

LR-E15-0059

Page 2

bcc:

A. Kraus - NEA
Records Management

United States Environmental Protection Agency		TOXIC CHEMICAL RELEASE INVENTORY FORM A		TRI Facility ID Number 08038NCLRBENDOF	
WHERE TO SEND COMPLETED FORMS:		1. TRI Data Processing Center P.O. Box 10163 Fairfax, VA 22038 *** File Copy Only: Do Not Submit Paper Form to EPA ***		2. APPROPRIATE STATE OFFICE (See instructions in Appendix F)	
This section only applies if you are revising or withdrawing a previously submitted form, otherwise leave blank:		Revision (Enter up to two code(s)) [][]		Withdrawal (Enter up to two code(s)) [][]	
Important: See Instructions to determine when "Not Applicable (NA)" boxes should be checked.					
Part I. FACILITY IDENTIFICATION INFORMATION					
SECTION 1. REPORTING YEAR: 2014					
SECTION 2. TRADE SECRET INFORMATION					
2.1 Are you claiming the toxic chemical identified on page 2 trade secret? [] Yes (Answer questions 2.2; attach substantiation forms) [X] NO (Do not answer 2.2; go to Section 3)		2.2 Is this copy [] Sanitized [] Unsanitized (Answer only if "Yes" in 2.1)			
SECTION 3. CERTIFICATION (Important: Read and sign after completing all form sections.)					
I hereby certify that to the best of my knowledge and belief, for each toxic chemical listed in the statement, the annual reportable amount as defined in 40 CFR 372.27 (a), did not exceed 500 pounds for this reporting year and the chemical was manufactured, processed, or otherwise used in an amount not exceeding 1 million pounds during this reporting year.					
Name and official title of owner/operator or senior management official:		Signature:		Date Signed:	
File Copy Only: Do Not Submit Paper Form to EPA		File Copy Only: Do Not Submit Paper Form to EPA		XX/XX/XXXX	
SECTION 4. FACILITY IDENTIFICATION					
4.1		TRI Facility ID Number		08038NCLRBENDOF	
Facility or Establishment Name SALEM & HOPE CREEK GENERATING STATIONS					
Street END OF ALLOWAY CREEK NECK RD		Mailing Address (if different from physical street address) END OF ALLOWAY CREEK NECK RD			
City/County/Tribal/State/ZIP Code HANCOCKS BRIDGE /Salem /BIA Code: /NJ /08038		City/State/ZIP Code HANCOCKS BRIDGE /NJ /08038		Country (Non-US) /	
4.2 This report contains information for: (Important: check c or d if applicable)		c. [] A Federal facility		d. [] GOCO	
4.3 Technical Contact name HELEN GREGORY		Email Address HELEN.GREGORY@PSEG.COM		Telephone Number (include area code and ext.) 856-339-1341	
4.4 Public Contact name HELEN GREGORY		Email Address HELEN.GREGORY@PSEG.COM		Telephone Number (include area code and ext.) 856-339-1341	
4.5 NAICS Code(s) (6 digits) a. 221113 (Primary) b.		c.		d. e. f.	
4.6 Dun and Bradstreet Number(s) (9 digits) a. 848793910 b.					
SECTION 5. PARENT COMPANY INFORMATION					
5.1 Name of U.S. Parent Company (for TRI Reporting purposes)		PUBLIC SERVICE ENTERPRISE GROUP		No U.S. Parent Company (for TRI Reporting purposes) []	
5.2 Parent Company's Dun & Bradstreet Number		NA []		848793910	

EPA FORM A		TRI Facility ID Number
PART II. CHEMICAL IDENTIFICATION		
Do not use this form for reporting Dioxin and Dioxin-like Compounds*		08036NCLREENDOF
SECTION 1. TOXIC CHEMICAL IDENTITY		Report 1 of 1
1.1	CAS Number (Important: Enter only one number as it appears on the Section 313 list. Enter category code if reporting a chemical category.) 002012	
1.2	Toxic Chemical or Chemical Category Name (Important: Enter only one name exactly as it appears on the Section 313 list.) Hydrazine	
1.3	Generic Chemical Name (Important: Complete only if Part I, Section 2.1 is checked "Yes". Generic Name must be structurally descriptive). NA	
SECTION 2. MIXTURE COMPONENT IDENTITY (Important: DO NOT complete this section if you completed Section 1.)		
2.1	Generic Chemical Name Provided by Supplier (Important: Maximum of 70 characters, including numbers, spaces, and punctuation.) NA	

*See the TRI Reporting Forms and Instructions Manual for the TRI-listed Dioxin and Dioxin-like Compounds

In addition to the information on this page, you can print or download other important information related to this submission for your records. After this submission has been certified, return to the "Reporting Summary" page, select this submission, and click Recordkeeping.

Transaction ID: _197cc05f-b061-42c5-9cfa-c663de5e1e09

USEPA Submission

Status: Certified and Sent to USEPA
Transmitted by: Justin Furman justin.furman@erm.com
Transmission date: 06/29/2015
Certified by: Alison Kraus alison.kraus@pseq.com
Certification date/time: 06/29/2015 04:01 PM

State/Tribe Submission

State/Tribe: New Jersey
TDX Participant?: Yes: USEPA will automatically forward to or make available via download for your state or tribe agency (listed below) a copy of your electronic CDX submission, once your submission has been certified.
State/Tribe Office: the Department of Environmental Protection

Certifying Official(s) Notified

Primary Certifier: Alison Kraus alison.kraus@pseq.com
Alternate Certifier: No Alternate Certifier Identified

Facility Information

TRIFID: 08038NCLRBENDOF
Name: SALEM & HOPE CREEK GENERATING STATIONS
Address: END OF ALLOWAY CREEK NECK RD
HANCOCKS BRIDGE, NJ 08038

Forms Transmitted

CAS No.	Chemical Name	Year	Form	Revision?
000302012	Hydrazine	2014	Form A	No

RELEASE & POLLUTION PREVENTION REPORT FOR 2014

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF POLLUTION PREVENTION & RIGHT TO KNOW
P.O. BOX 443, TRENTON, NJ 08625-0443

FACID: 00585211041

NAICS: 221113

FEIN: 223663480

COMU: 1704

PSEG NUCLEAR LLC
END OF ALLOWAY CREEK NCK RD
HANCOCKS BRIDGE, NJ 08038

PSEG NUCLEAR LLC
ALLOWAY CREEK NECK RD
HANDCOCK BRIDGE, NJ 08038

MAILING ADDRESS

FACILITY LOCATION

SECTION A. GENERAL FACILITY INFORMATION

1.1 Person to contact regarding this report

Name (printed) HELEN GREGORY1.2 Title MGR-ENVIRONMENTALCOMP1.3 Phone number (856)339-13411.4 Fax # (856)339-2036

1.5 Contact's address (if different than facility address)

2. Briefly describe the nature of business conducted at this facility

ELECTRIC POWER GENERATION3. TRI Facility ID Number: 08038NCLRBENDOF

4. Facility NJ RTK Research & Development Laboratory exemption approval number:

5. Is this facility subject to filing any EPA Toxic

Release Inventory Forms (Form R or Form A) for
calendar year 2014?☒ Yes ☐ No5.1 Number of Forms R subject to reporting for 2014: 05.2 Number of Forms A subject to reporting for 2014: 16. *Reserved (see instructions)*

7. Wastewater Discharges

7.1 If there is a discharge of a reported substance to a publicly owned treatment works (POTW), complete the following:

a. Name of utility (POTW) N/A

b. Address (physical location)

c. Estimated average volume of wastewater discharged to POTW daily (gallons per day)

d. Briefly describe any pretreatment methods employed

7.2 If there is a discharge of a reported substance to a surface water, a navigable waterway, or to a tributary system, complete the following:

a. Name of receiving stream DELAWARE RIVERb. Estimated average volume of wastewater discharged to receiving stream (gallons per day) 526125000

c. Briefly describe any pretreatment methods employed

7.3 If there is a discharge of a reported substance to groundwater, complete the following:

- a. Estimated average volume of wastewater discharged to groundwater (gallons per day)
 b. Briefly describe any pretreatment methods employed

8. Trade Secret Claims

8.1 Does this report contain any trade secret (confidential business information) claims for Section B data? ☐ Yes ☒ No

8.2 Does this report contain any trade secret (confidential business information) claims for Section C or D data? ☐ Yes ☒ No

(You are required to provide full documentation on any trade secret (confidentiality) claim. Refer to the instructions booklet, *Trade Secret Claim*.)

9. Waste Hauler Information - Provide the full names and locations (include street, city, state, and zip code) and the USEPA ID Number, or NJ Solid Waste Transporter Registration Number if applicable, of the hauler services that transported production-related wastes containing reported substances to off-site locations in 2014.

EPA ID# SOLID WASTE ID#	Name of Hauler	Address	City	State	Zip Code
-------------------------------	----------------	---------	------	-------	----------

10. CERTIFICATION OF EMPLOYER OR DULY AUTHORIZED REPRESENTATIVE - I certify under penalty of law that I have personally examined and am familiar with the information submitted in Sections A and B of this report and all attachments, and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

-->

Signature Submitted and certified electronically by Helen Gregory

Date 06/30/2015

Phone No. (856)339-1341

Title Env Compliance Mgr

NOTE: You are required pursuant to the authority of N.J.S.A. 34:5A-7(b) to forward a copy of this report to your RTK County Lead Agency. (See RPPR Appendix D for appropriate addresses.)

SECTION B. FACILITY-LEVEL SUBSTANCE-SPECIFIC INFORMATION

FACID: 00585211041

PSEG NUCLEAR LLC

ALLOWAY CREEK NECK RD , HANDCOCK BRIDGE, NJ 08038

1.1 CAS No. (Category No.) 302-01-2

1.2 RTK Substance No. 1006

1.3 Substance Name

(or Category Name) HYDRAZINE

1.4 Does this section contain any trade secret (confidential business information)

claims for data in question #5 through #10 (excluding #5.1 and

#10.1)?

☐ Yes ☒ No

2. Activities and Uses of the Substance at the Facility (Check all that apply.)

2.1 Manufacture the Substance:

- a. ☐ Produce
 b. ☐ Import

If "produce" or "import" then:

- c. ☐ For on-site use/processing
 e. ☐ As a byproduct

- d. ☐ For sale/distribution
 f. ☐ As an impurity

2.2 Process the Substance:

- a. ☐ As a reactant
 d. ☐ Repackaging

- b. ☐ As a formulation component
 e. ☐ As an impurity

- c. ☐ As an article component

2.3 Otherwise use Substance:

- b. ☐ As a manufacturing aid

- c. ☒ Ancillary or other use

a. ☐ As a chemical
processing aid

3.1 Principal Method of Storage: TI, Other Storage Method: null

3.2 Frequency of Transfer from Storage: 365 times per CONTIN

3.3 Methods of Transfer: PIPE

INVENTORY AND THROUGHPUT INFORMATION

	INVENTORY	N/A	Quantity (in pounds)	Basis of Estimate
4.	Maximum Daily Inventory of the Substance	<input type="checkbox"/>	16,680	O
	INPUTS	N/A	Quantity	Basis of Estimate
5.	Starting Inventory of the Substance	<input type="checkbox"/>	16,680	O
5.1	Quantity of Starting Inventory that is Nonproduct Output (NPO)	<input type="checkbox"/>	0	O
6.	Quantity Produced on Site	<input type="checkbox"/>	0	O
7.	Quantity Brought on Site	<input type="checkbox"/>	22,510	O
7.1	Quantity Brought on Site as Recycled Substance	<input type="checkbox"/>	0	O
	OUTPUTS		Quantity (in pounds)	Basis of Estimate
8.	Quantity Consumed on Site (chemically reacted in process)	<input type="checkbox"/>	22,510	O
9.	Quantity Shipped off Site as (or in) Product	<input type="checkbox"/>	0	O
10.	Ending Inventory of the Substance	<input type="checkbox"/>	16,680	O
10.1	Quantity of Ending Inventory that is Nonproduct Output (NPO)	<input type="checkbox"/>	0	O
11.	Total Nonproduct Output		0	
	USE (calculated from Section B data)		22,510	
	ON-SITE MANAGEMENT OF NONPRODUCT OUTPUT		Quantity (in pounds)	Basis of Estimate
12.	Quantity Recycled Out-of-Process on Site and Used on Site	<input checked="" type="checkbox"/>		
13.	Quantity Destroyed through On-Site Treatment	<input checked="" type="checkbox"/>		
14.	Quantity Destroyed through On-Site Energy Recovery	<input checked="" type="checkbox"/>		
	RELEASE INFORMATION (Substance Specific)		Quantity (in pounds)	Basis of Estimate
15.	Total Stack or Point Source Air Emissions	<input type="checkbox"/>	0	O
16.	Total Fugitive or Non-Point Source Air Emissions	<input type="checkbox"/>	0	O
17.	Total Discharge to Publicly Owned Treatment Works (POTW)	<input checked="" type="checkbox"/>		
18.	Total Discharge to Surface Waters	<input type="checkbox"/>	0	O
19.	Total Discharge to Groundwater	<input checked="" type="checkbox"/>		
20. On-Site Land Disposal: <input checked="" type="checkbox"/> N/A				
21. Transfers to Other Off-Site Locations: <input checked="" type="checkbox"/> N/A				

22.	Quantity released to the environment as a result of remedial actions, catastrophic events, or one-time events not associated with production processes (pounds/year):		0
23.	2014 Quantity and Units of Production Associated with the Reported Substance:	Quantity	Units of Measurement and Product Description
1.		27,741,757	MWHRS
2.			
3.			
4.			

*PRODUCTION: Whenever possible, "UNITS" should be mass or surface area units only, such as pounds of material manufactured or square footage of product involved.

24. Has any reduction or elimination of either the use of the reported substance or the generation of the reported substance as nonproduct output (NPO) occurred during 2014 due to discontinuance of operations?

☐ Yes ☒ No If "Yes", fill in below:

	Quantity of Substance Reduced (in pounds) (2013 to 2014)	Basis of Estimate
Quantity of substance reduced in pounds (2013 to 2014) due to the discontinuance of operations, including operations transferred to or undertaken by another facility		

POLLUTION PREVENTION ACTIVITIES

For the purpose of this question and Sections C and D of this report, pollution prevention means: the reduction or elimination of either the use of the reported substance or the generation of the reported substance as nonproduct output, prior to treatment, storage, out-of-process recycling, or disposal. Pollution prevention is not any type of treatment, out-of-process recycling, incineration, or the transfer of releases to different media.

25. Has any material-related change (change in the amount of the reported substance used due to substitution of a non-listed substance) been employed to reduce the quantity of this reported substance during 2013 relative to 2014 levels?

☐ Yes ☒ No If "Yes," fill in the table below:

POLLUTION PREVENTION METHODOLOGY	Quantity of Substance Reduced (in pounds) (2013 to 2014)	Basis of Estimate
Material-Related Change (change in the amount of the substance used due to substitution of other non-listed substance)		
CAS Number, Substance Name and Quantity of Substitute Substance		
<u>CAS Number</u>	<u>Substance Name</u>	<u>Quantity (pounds)</u>
a)		
b)		
c)		

SECTION C. FACILITY-LEVEL SUBSTANCE-SPECIFIC POLLUTION PREVENTION PROGRESS

FACID: 00585211041	
PSEG NUCLEAR LLC ALLOWAY CREEK NECK RD HANDCOCK BRIDGE, NJ 08038	
1.1 CAS No. (Category No.) 302-01-2	
1.2 Substance Name (Category Name) HYDRAZINE	

2. Production Ratio or Activity Index (based on the USE per number of units of product)	From Base Year	From Previous Year
	1.33	1.05
3. Percent Change from Base Year (based on the USE or NPO per number of units of product)	USE	NPO
	-17.7	0

4. Note the Process ID of any production processes that your facility discontinued or sent off site in 2014. These Process IDs should match those identified in your Pollution Prevention Plan Summary. If any of the listed processes involved more than one reportable substance, identify the process ID only once. If no production processes were discontinued or sent off site in 2014, then leave this blank.

SECTION D: PROCESS-LEVEL POLLUTION PREVENTION INFORMATION FOR TARGETED PROCESSES

FACID: 00585211041				1.1	Process ID (Must be the same ID listed in the Pollution Prevention Plan Summary). 000000000001
PSEG NUCLEAR LLC ALLOWAY CREEK NECK RD HANDCOCK BRIDGE, NJ 08038				1.2	<input type="checkbox"/> Check here if your facility made a production process change in 2014 that triggered a modification to the Pollution Prevention Plan or Pollution Prevention Plan Summary.
				1.3	<input type="checkbox"/> Check here if your facility's pollution prevention progress was less than anticipated for any hazardous substance within this targeted process and explain below.
2.1 Substance Name (Category Name)	Percent Change Per Unit of Product		4.1 Pollution Prevention Techniques Used in 2014 (use 3-digit codes in Appendix E of the instructions)	4.2 Pollution Prevention Techniques Planned for 2015 (use 3-digit codes in Appendix E of the instructions)	
2.2 CAS Number (Category No.)	3.1 USE	3.2 NPO			
HYDRAZINE	-17.7	0			
302-01-2					

POLLUTION PREVENTION PROCESS-LEVEL DATA WORKSHEET (P2-115)

Note: This worksheet is required as part of the Pollution Prevention Plan, and is optional as a submittal in lieu of Sections C and D of the Release and Pollution Prevention Report.

Base Year 2009

FACID: 00585211041	Process ID (from P2 Plan Summary)	000000000001
PSEG NUCLEAR LLC	Units of Production (e.g., type of widget, lbs. of chemical, square feet of product)	MWHRS
END OF ALLOWAY CREEK NCK RD	Is process targeted? (Y/N)	Y
HANCOCKS BRIDGE, NJ 08038	Is this a grouped process? (Y/N)	N

FACILITY LOCATION

CAS No.: 302-01-2		Hazardous Substance: HYDRAZINE					
		Base Year	Year 1	Year 2	Year 3	Year 4	Year 5
Production Quantity		20,795,038	21,078,274	20,713,052	19,300,884	26,544,994	27,741,757
USE (pounds)		14,336	17,920	22,848	32,514	24,177	22,510
	Consumed	14,336	17,920	22,848	32,514	24,177	22,510
	Shipped off-site as (or in) product	0	0	0	0	0	0
	NPO (pounds)	0	0	0	0	0	0
	Recycled out of process	0	0	0	0	0	0
	Destroyed: on-site treatment	0	0	0	0	0	0
	Destroyed: on-site energy recovery	0	0	0	0	0	0
	Stack air emissions	0	0	0	0	0	0
	Fugitive air emissions	0	0	0	0	0	0
	Discharge to POTWs	0	0	0	0	0	0
	Discharge to surface waters	0	0	0	0	0	0
	Discharge to groundwater	0	0	0	0	0	0
	On-site land disposal	0	0	0	0	0	0
	Transferred off site	0	0	0	0	0	0
	Ending Inv. as NPO minus Starting Inv. as NPO	0	0	0	0	0	0
P2 techniques used in given year (see codes in RPPR Appendix E)							
Was this process discontinued or sent off site in the given year?			N	N	N	N	N
Did facility make process change(s) that triggered a Plan modification?			N	N	N	N	N
Was facility's P2 progress (targeted process only) less than anticipated?			N	N	N	N	N

CERTIFICATION OF OWNER OR OPERATOR - I certify under penalty of law that the information submitted in this Pollution Prevention Progress Report is true, accurate and complete to the best of my knowledge.

Signature Submitted and certified electronically by Helen Gregory

Date 06/30/2015

Phone No. (856)339-1341

Title Env Compliance Mgr

**Attachment 2
Verification Completion Form
Page 1 of 1**

Verification Documentation

Correspondence/Letter number: LR-E15-0059 Origination Date: 6/23/2015

Agency/External Stakeholder: Salem County - DOH Submittal Due Date: 7/1/2015

Recipient of Correspondence: Department of Health
(name and title if known)

Purpose of Submittal: 2014 - RPPR

Originating Office: ☒ Salem ☒ Hope Creek ☐ PSEG Nuclear Corporate

Preparer: ERM Consultant's By phone 6/23/2015
(print) (sign) (date)

Peer Reviewer: Cheryl Drach Cheryl Drach 6/23/2015
(print) (sign) (date)

Certified Mail Return Receipt Requested: ☒ Yes ☐ No

Approvals (check box if applicable)

	Applicable	Date Review Needed	Signature of Reviewer	Date of Review
Site Departments				
Nuclear Environmental Affairs (H. Gregory)	<input checked="" type="checkbox"/>		<u>Helen Gregory</u>	<u>6/29/15</u>
Chemistry	<input type="checkbox"/>			
Operations	<input type="checkbox"/>			
Engineering	<input type="checkbox"/>			
Regulatory Assurance	<input type="checkbox"/>			
Corporate				
CFAM-	<input type="checkbox"/>			
Site Management				
Salem Site Vice President	<input type="checkbox"/>			
Hope Creek Site Vice President	<input type="checkbox"/>			
Other:	<input type="checkbox"/>			
Other:	<input type="checkbox"/>		<input type="checkbox"/> Report Signed and Approved	

Memorandum

To: File

From: Cheryl Drach

CC: DCRMS

Date: 6/30/2015

Re: LR-E15-0060, 2014 – Toxic Release Inventory Report (To EPA)

COMMENTS: The attached report was submitted electronically /on-line to EPA on 6/30/2015.
Proof of submittal is attached.

United States Environmental Protection Agency		TOXIC CHEMICAL RELEASE INVENTORY FORM A		TRI Facility ID Number 08038NCLRBENDOF	
WHERE TO SEND COMPLETED FORMS:		1. TRI Data Processing Center P.O. Box 10163 Fairfax, VA 22038 *** File Copy Only: Do Not Submit Paper Form to EPA ***		2. APPROPRIATE STATE OFFICE (See instructions in Appendix F)	
This section only applies if you are revising or withdrawing a previously submitted form, otherwise leave blank:		Revision (Enter up to two code(s)) [][]		Withdrawal (Enter up to two code(s)) [][]	
Important: See Instructions to determine when "Not Applicable (NA)" boxes should be checked.					
Part I. FACILITY IDENTIFICATION INFORMATION					
SECTION 1. REPORTING YEAR : 2014					
SECTION 2. TRADE SECRET INFORMATION					
2.1 Are you claiming the toxic chemical identified on page 2 trade secret? <input type="checkbox"/> Yes (Answer questions 2.2; attach substantiation forms) <input checked="" type="checkbox"/> NO (Do not answer 2.2; go to Section 3)		2.2 Is this copy <input type="checkbox"/> Sanitized <input type="checkbox"/> Unsanitized (Answer only if "Yes" in 2.1)			
SECTION 3. CERTIFICATION (Important: Read and sign after completing all form sections.)					
I hereby certify that to the best of my knowledge and belief, for each toxic chemical listed in the statement, the annual reportable amount as defined in 40 CFR 372.27 (a), did not exceed 500 pounds for this reporting year and the chemical was manufactured, processed, or otherwise used in an amount not exceeding 1 million pounds during this reporting year.					
Name and official title of owner/operator or senior management official:		Signature:		Date Signed:	
File Copy Only: Do Not Submit Paper Form to EPA		File Copy Only: Do Not Submit Paper Form to EPA		XX/XX/XXXX	
SECTION 4. FACILITY IDENTIFICATION					
4.1		TRI Facility ID Number		08038NCLRBENDOF	
Facility or Establishment Name SALEM & HOPE CREEK GENERATING STATIONS					
Street END OF ALLOWAY CREEK NECK RD		Mailing Address (if different from physical street address) END OF ALLOWAY CREEK NECK RD			
City/County/Tribal/State/ZIP Code HANCOCKS BRIDGE / Salem / BIA Code: / NJ / 08038		City/State/ZIP Code HANCOCKS BRIDGE / NJ / 08038		Country (Non-US) /	
4.2 This report contains information for : (<u>Important</u> : check c or d if applicable)		c. <input type="checkbox"/> A Federal facility		d. <input type="checkbox"/> GOCO	
4.3 Technical Contact name HELEN GREGORY		Email Address HELEN.GREGORY@PSEG.COM		Telephone Number (include area code and ext.) 856-339-1341	
4.4 Public Contact name HELEN GREGORY		Email Address HELEN.GREGORY@PSEG.COM		Telephone Number (include area code and ext.) 856-339-1341	
4.5 NAICS Code(s) (6 digits)		a. 221113 (Primary)	b.	c.	d.
4.6 Dun and Bradstreet Number(s) (9 digits)		a. 848793910			
b.					
SECTION 5. PARENT COMPANY INFORMATION					
5.1 Name of U.S. Parent Company (for TRI Reporting purposes)		PUBLIC SERVICE ENTERPRISE GROUP		No U.S. Parent Company (for TRI Reporting purposes) []	
5.2 Parent Company's Dun & Bradstreet Number		NA [] 848793910			

EPA FORM A		TRI Facility ID Number
PART II. CHEMICAL IDENTIFICATION		
Do not use this form for reporting Dioxin and Dioxin-like Compounds*		08038NCLRBENDOF
SECTION 1. TOXIC CHEMICAL IDENTITY		Report 1 of 1
1.1	CAS Number (Important: Enter only one number as it appears on the Section 313 list. Enter category code if reporting a chemical category.)	302012
1.2	Toxic Chemical or Chemical Category Name (Important: Enter only one name exactly as it appears on the Section 313 list.)	Hydrazine
1.3	Generic Chemical Name (Important: Complete only if Part I, Section 2.1 is checked "Yes". Generic Name must be structurally descriptive).	NA
SECTION 2. MIXTURE COMPONENT IDENTITY (Important: DO NOT complete this section if you completed Section 1.)		
2.1	Generic Chemical Name Provided by Supplier (Important: Maximum of 70 characters, including numbers, spaces, and punctuation.)	NA

*See the TRI Reporting Forms and Instructions Manual for the TRI-listed Dioxin and Dioxin-like Compounds

In addition to the information on this page, you can print or download other important information related to this submission for your records. After this submission has been certified, return to the "Reporting Summary" page, select this submission, and click **Recordkeeping**.

Transaction ID: _197ccd5f-b061-42c5-9cfa-c663de5e1e09

USEPA Submission

Status: Certified and Sent to USEPA
Transmitted by: Justin Furman justin.furman@erm.com
Transmission date: 06/29/2015
Certified by: Alison Kraus alison.kraus@pseq.com
Certification date/time: 06/29/2015 04:01 PM

State/Tribe Submission

State/Tribe: New Jersey
TDX Participant?: Yes: USEPA will automatically forward to or make available via download for your state or tribe agency (listed below) a copy of your electronic CDX submission, once your submission has been certified.
State/Tribe Office: the Department of Environmental Protection

Certifying Official(s) Notified

Primary Certifier: Alison Kraus alison.kraus@pseq.com
Alternate Certifier: No Alternate Certifier Identified

Facility Information

TRIFID: 08038NCLRBENDOF
Name: SALEM & HOPE CREEK GENERATING STATIONS
Address: END OF ALLOWAY CREEK NECK RD
HANCOCKS BRIDGE, NJ 08038

Forms Transmitted

CAS No.	Chemical Name	Year	Form	Revision?
000302012	<u>Hydrazine</u>	2014	Form A	No

Attachment 2
Verification Completion Form
Page 1 of 1

Verification Documentation

Correspondence/Letter number: LR-E15-0060 Origination Date: 6/23/2015

Agency/External Stakeholder: EPA Submittal Due Date: 7/1/2015

Recipient of Correspondence: Memo to File (Electronic Submittal)
(name and title if known)

Purpose of Submittal: 2014 - Toxic Release Inventory

Originating Office: ☒ Salem ☒ Hope Creek ☐ PSEG Nuclear Corporate

Preparer: ERM Consultant's By phone 6/23/2015
(print) (sign) (date)

Peer Reviewer: Cheryl Drach Cheryl Drach 6/23/2015
(print) (sign) (date)

Certified Mail Return Receipt Requested: ☐ Yes ☒ No

Approvals (check box if applicable)

	Applicable	Date Review Needed	Signature of Reviewer	Date of Review
Site Departments				
Nuclear Environmental Affairs (H. Gregory)	<input checked="" type="checkbox"/>		<u>Helen Gregory</u>	<u>6/29/15</u>
Chemistry	<input type="checkbox"/>			
Operations	<input type="checkbox"/>			
Engineering	<input type="checkbox"/>			
Regulatory Assurance	<input type="checkbox"/>			
Corporate				
Manager Nuclear Environmental Affairs	<input checked="" type="checkbox"/>		<u>Alison Kraus</u>	<u>6/29/15</u>
Site Management				
Salem Site Vice President	<input type="checkbox"/>			
Hope Creek Site Vice President	<input type="checkbox"/>			
Other:	<input type="checkbox"/>		<input type="checkbox"/> Report Signed and Approved	
Other:	<input type="checkbox"/>			

Memorandum

To: File
From: Cheryl Drach
CC: DCRMS
Date: 6/30/2015
Re: LR-E15-0061, 2014 – Annual Release Pollution Prevention Report (To NJDEP)

COMMENTS: The attached report was submitted electronically / on-line to NJDEP on 6/30/2015.
Proof of submittal is attached.

RELEASE & POLLUTION PREVENTION REPORT FOR 2014

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF POLLUTION PREVENTION & RIGHT TO KNOW
P.O. BOX 443, TRENTON, NJ 08625-0443

FACID: 00585211041

NAICS: 221113

FEIN: 223663480

COMU: 1704

PSEG NUCLEAR LLC
END OF ALLOWAY CREEK NCK RD
HANCOCKS BRIDGE, NJ 08038

PSEG NUCLEAR LLC
ALLOWAY CREEK NECK RD
HANDCOCK BRIDGE, NJ 08038

MAILING ADDRESS

FACILITY LOCATION

SECTION A. GENERAL FACILITY INFORMATION

1.1 Person to contact regarding this report

Name (printed) HELEN GREGORY1.2 Title MGR-ENVIRONMENTALCOMP1.3 Phone number (856)339-13411.4 Fax # (856)339-2036

1.5 Contact's address (if different than facility address)

2. Briefly describe the nature of business conducted at this facility

ELECTRIC POWER GENERATION3. TRI Facility ID Number: 08038NCLRBENDOF

4. Facility NJ RTK Research & Development Laboratory exemption approval number:

5. Is this facility subject to filing any EPA Toxic Release Inventory Forms (Form R or Form A) for calendar year 2014?

☒ Yes ☐ No5.1 Number of Forms R subject to reporting for 2014: 05.2 Number of Forms A subject to reporting for 2014: 16. *Reserved (see instructions)*

7. Wastewater Discharges

7.1 If there is a discharge of a reported substance to a publicly owned treatment works (POTW), complete the following:

a. Name of utility (POTW) N/A

b. Address (physical location)

c. Estimated average volume of wastewater discharged to POTW daily (gallons per day)

d. Briefly describe any pretreatment methods employed

7.2 If there is a discharge of a reported substance to a surface water, a navigable waterway, or to a tributary system, complete the following:

a. Name of receiving stream DELAWARE RIVERb. Estimated average volume of wastewater discharged to receiving stream (gallons per day) 526125000

c. Briefly describe any pretreatment methods employed

7.3 If there is a discharge of a reported substance to groundwater, complete the following:

- a. Estimated average volume of wastewater discharged to groundwater (gallons per day)
- b. Briefly describe any pretreatment methods employed

8. Trade Secret Claims

8.1 Does this report contain any trade secret (confidential business information) claims for Section B data? ☐ Yes ☒ No

8.2 Does this report contain any trade secret (confidential business information) claims for Section C or D data? ☐ Yes ☒ No

(You are required to provide full documentation on any trade secret (confidentiality) claim. Refer to the instructions booklet, *Trade Secret Claim*.)

9. Waste Hauler Information - Provide the full names and locations (include street, city, state, and zip code) and the USEPA ID Number, or NJ Solid Waste Transporter Registration Number if applicable, of the hauler services that transported production-related wastes containing reported substances to off-site locations in 2014.

EPA ID# SOLID WASTE ID#	Name of Hauler	Address	City	State	Zip Code
-------------------------------	----------------	---------	------	-------	----------

10. CERTIFICATION OF EMPLOYER OR DULY AUTHORIZED REPRESENTATIVE - I certify under penalty of law that I have personally examined and am familiar with the information submitted in Sections A and B of this report and all attachments, and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

-->

Signature Submitted and certified electronically by Helen Gregory

Date 06/30/2015

Phone No. (856)339-1341

Title Env Compliance Mgr

NOTE: You are required pursuant to the authority of N.J.S.A. 34:5A-7(b) to forward a copy of this report to your RTK County Lead Agency. (See RPPR Appendix D for appropriate addresses.)

SECTION B. FACILITY-LEVEL SUBSTANCE-SPECIFIC INFORMATION

FACID: 00585211041

PSEG NUCLEAR LLC

ALLOWAY CREEK NECK RD , HANDCOCK BRIDGE, NJ 08038

1.1 CAS No. (Category No.) 302-01-2

1.2 RTK Substance No. 1006

1.3 Substance Name

(or Category Name) HYDRAZINE

1.4 Does this section contain any trade secret (confidential business information)

claims for data in question #5 through #10 (excluding #5.1 and #10.1)? ☐ Yes ☒ No

2. Activities and Uses of the Substance at the Facility (Check all that apply.)

2.1 Manufacture the Substance:

- a. ☐ Produce
b. ☐ Import

If "produce" or "import" then:

- c. ☐ For on-site use/processing
e. ☐ As a byproduct

- d. ☐ For sale/distribution
f. ☐ As an impurity

2.2 Process the Substance:

- a. ☐ As a reactant
d. ☐ Repackaging

- b. ☐ As a formulation component
e. ☐ As an impurity

- c. ☐ As an article component

2.3 Otherwise use Substance:

- b. ☐ As a manufacturing aid

- c. ☒ Ancillary or other use

a. ☐ As a chemical
processing aid

3.1 Principal Method of Storage: TI, Other Storage Method: null

3.2 Frequency of Transfer from Storage: 365 times per CONTIN

3.3 Methods of Transfer: PIPE

INVENTORY AND THROUGHPUT INFORMATION

	INVENTORY	N/A	Quantity (in pounds)	Basis of Estimate
4.	Maximum Daily Inventory of the Substance	<input type="checkbox"/>	16,680	O
	INPUTS	N/A	Quantity	Basis of Estimate
5.	Starting Inventory of the Substance	<input type="checkbox"/>	16,680	O
5.1	Quantity of Starting Inventory that is Nonproduct Output (NPO)	<input type="checkbox"/>	0	O
6.	Quantity Produced on Site	<input type="checkbox"/>	0	O
7.	Quantity Brought on Site	<input type="checkbox"/>	22,510	O
7.1	Quantity Brought on Site as Recycled Substance	<input type="checkbox"/>	0	O
	OUTPUTS		Quantity (in pounds)	Basis of Estimate
8.	Quantity Consumed on Site (chemically reacted in process)	<input type="checkbox"/>	22,510	O
9.	Quantity Shipped off Site as (or in) Product	<input type="checkbox"/>	0	O
10.	Ending Inventory of the Substance	<input type="checkbox"/>	16,680	O
10.1	Quantity of Ending Inventory that is Nonproduct Output (NPO)	<input type="checkbox"/>	0	O
11.	Total Nonproduct Output		0	
	USE (calculated from Section B data)		22,510	
	ON-SITE MANAGEMENT OF NONPRODUCT OUTPUT		Quantity (in pounds)	Basis of Estimate
12.	Quantity Recycled Out-of-Process on Site and Used on Site	<input checked="" type="checkbox"/>		
13.	Quantity Destroyed through On-Site Treatment	<input checked="" type="checkbox"/>		
14.	Quantity Destroyed through On-Site Energy Recovery	<input checked="" type="checkbox"/>		
	RELEASE INFORMATION (Substance Specific)		Quantity (in pounds)	Basis of Estimate
15.	Total Stack or Point Source Air Emissions	<input type="checkbox"/>	0	O
16.	Total Fugitive or Non-Point Source Air Emissions	<input type="checkbox"/>	0	O
17.	Total Discharge to Publicly Owned Treatment Works (POTW)	<input checked="" type="checkbox"/>		
18.	Total Discharge to Surface Waters	<input type="checkbox"/>	0	O
19.	Total Discharge to Groundwater	<input checked="" type="checkbox"/>		
20. On-Site Land Disposal: <input checked="" type="checkbox"/> N/A				
21. Transfers to Other Off-Site Locations: <input checked="" type="checkbox"/> N/A				

22.	Quantity released to the environment as a result of remedial actions, catastrophic events, or one-time events not associated with production processes (pounds/year):			0
			Quantity	Units of Measurement and Product Description
23.	2014 Quantity and Units of Production Associated with the Reported Substance:	1.	27,741,757	MWHRS
		2.		
		3.		
		4.		

***PRODUCTION:** Whenever possible, "UNITS" should be mass or surface area units only, such as pounds of material manufactured or square footage of product involved.

24. Has any reduction or elimination of either the use of the reported substance or the generation of the reported substance as nonproduct output (NPO) occurred during 2014 due to discontinuance of operations?

☐ Yes ☒ No If "Yes", fill in below:

	Quantity of Substance Reduced (in pounds) (2013 to 2014)	Basis of Estimate
Quantity of substance reduced in pounds (2013 to 2014) due to the discontinuance of operations, including operations transferred to or undertaken by another facility		

POLLUTION PREVENTION ACTIVITIES

For the purpose of this question and Sections C and D of this report, pollution prevention means: the reduction or elimination of either the use of the reported substance or the generation of the reported substance as nonproduct output, prior to treatment, storage, out-of-process recycling, or disposal. Pollution prevention is not any type of treatment, out-of-process recycling, incineration, or the transfer of releases to different media.

25. Has any material-related change (change in the amount of the reported substance used due to substitution of a non-listed substance) been employed to reduce the quantity of this reported substance during 2013 relative to 2014 levels?

☐ Yes ☒ No If "Yes," fill in the table below:

POLLUTION PREVENTION METHODOLOGY	Quantity of Substance Reduced (in pounds) (2013 to 2014)	Basis of Estimate
Material-Related Change (change in the amount of the substance used due to substitution of other non-listed substance)		
CAS Number, Substance Name and Quantity of Substitute Substance		
<u>CAS Number</u>	<u>Substance Name</u>	<u>Quantity (pounds)</u>
a)		
b)		
c)		

SECTION C. FACILITY-LEVEL SUBSTANCE-SPECIFIC POLLUTION PREVENTION PROGRESS

FACID: 00585211041

PSEG NUCLEAR LLC
 ALLOWAY CREEK NECK RD
 HANDCOCK BRIDGE, NJ 08038

1.1 CAS No. (Category No.) 302-01-2

1.2 Substance Name (Category Name) HYDRAZINE

2. Production Ratio or Activity Index (based on the USE per number of units of product)	From Base Year	From Previous Year
	1.33	1.05
3. Percent Change from Base Year (based on the USE or NPO per number of units of product)	USE	NPO
	-17.7	0

4. Note the Process ID of any production processes that your facility discontinued or sent off site in 2014. These Process IDs should match those identified in your Pollution Prevention Plan Summary. If any of the listed processes involved more than one reportable substance, identify the process ID only once. If no production processes were discontinued or sent off site in 2014, then leave this blank.

SECTION D: PROCESS-LEVEL POLLUTION PREVENTION INFORMATION FOR TARGETED PROCESSES

FACID: 00585211041

PSEG NUCLEAR LLC
 ALLOWAY CREEK NECK RD
 HANDCOCK BRIDGE, NJ 08038

- 1.1 Process ID (Must be the same ID listed in the Pollution Prevention Plan Summary). 000000000001
- 1.2 ☐ Check here if your facility made a production process change in 2014 that triggered a modification to the Pollution Prevention Plan or Pollution Prevention Plan Summary.
- 1.3 ☐ Check here if your facility's pollution prevention progress was less than anticipated for any hazardous substance within this targeted process and explain below.

2.1 Substance Name (Category Name)	Percent Change Per Unit of Product		4.1 Pollution Prevention Techniques Used in 2014 (use 3-digit codes in Appendix E of the instructions)	4.2 Pollution Prevention Techniques Planned for 2015 (use 3-digit codes in Appendix E of the instructions)
2.2 CAS Number (Category No.)	3.1 USE	3.2 NPO		
HYDRAZINE	-17.7	0		
302-01-2				

POLLUTION PREVENTION PROCESS-LEVEL DATA WORKSHEET (P2-115)

Note: This worksheet is required as part of the Pollution Prevention Plan, and is optional as a submittal in lieu of Sections C and D of the Release and Pollution Prevention Report.

Base Year 2009

FACID: 00585211041	Process ID (from P2 Plan Summary)	000000000001
PSEG NUCLEAR LLC	Units of Production (e.g., type of widget, lbs. of chemical, square feet of product)	MWHRS
END OF ALLOWAY CREEK NCK RD	Is process targeted? (Y/N)	Y
HANCOCKS BRIDGE, NJ 08038	Is this a grouped process? (Y/N)	N

FACILITY LOCATION

CAS No.: 302-01-2		Hazardous Substance: HYDRAZINE					
		Base Year	Year 1	Year 2	Year 3	Year 4	Year 5
Production Quantity		20,795,038	21,078,274	20,713,052	19,300,884	26,544,994	27,741,757
USE (pounds)		14,336	17,920	22,848	32,514	24,177	22,510
	Consumed	14,336	17,920	22,848	32,514	24,177	22,510
	Shipped off-site as (or in) product	0	0	0	0	0	0
	NPO (pounds)	0	0	0	0	0	0
	Recycled out of process	0	0	0	0	0	0
	Destroyed: on-site treatment	0	0	0	0	0	0
	Destroyed: on-site energy recovery	0	0	0	0	0	0
	Stack air emissions	0	0	0	0	0	0
	Fugitive air emissions	0	0	0	0	0	0
	Discharge to POTWs	0	0	0	0	0	0
	Discharge to surface waters	0	0	0	0	0	0
	Discharge to groundwater	0	0	0	0	0	0
	On-site land disposal	0	0	0	0	0	0
	Transferred off site	0	0	0	0	0	0
	Ending Inv. as NPO minus Starting Inv. as NPO	0	0	0	0	0	0
P2 techniques used in given year (see codes in RPPR Appendix E)							
Was this process discontinued or sent off site in the given year?			N	N	N	N	N
Did facility make process change(s) that triggered a Plan modification?			N	N	N	N	N
Was facility's P2 progress (targeted process only) less than anticipated?			N	N	N	N	N

CERTIFICATION OF OWNER OR OPERATOR - I certify under penalty of law that the information submitted in this Pollution Prevention Progress Report is true, accurate and complete to the best of my knowledge.

Signature Submitted and certified electronically by Helen GregoryDate 06/30/2015Phone No. (856)339-1341Title Env Compliance Mgr

Attachment 2
Verification Completion Form
Page 1 of 1

Verification Documentation

Correspondence/Letter number: LR-E15-0061 Origination Date: 6/23/2015

Agency/External Stakeholder: NJDEP Submittal Due Date: 7/1/2015

Recipient of Correspondence: Memo to File (Electronic Submittal)
(name and title if known)

Purpose of Submittal: 2014 - Annual Release Pollution Prevention Report

Originating Office: ☒ Salem ☒ Hope Creek ☐ PSEG Nuclear Corporate

Preparer: ERM Consultant's By phone 6/23/2015
(print) (sign) (date)

Peer Reviewer: Cheryl Drach Cheryl Drach 6/23/2015
(print) (sign) (date)

Certified Mail Return Receipt Requested: ☐ Yes ☒ No

Approvals (check box if applicable)

	Applicable	Date Review Needed	Signature of Reviewer	Date of Review
Site Departments				
Nuclear Environmental Affairs (H. Gregory)	<input checked="" type="checkbox"/>		<u>Helen Gregg</u>	<u>6/29/15</u>
Chemistry	<input type="checkbox"/>			
Operations	<input type="checkbox"/>			
Engineering	<input type="checkbox"/>			
Regulatory Assurance	<input type="checkbox"/>			
Corporate				
Manager Nuclear Environmental Affairs	<input type="checkbox"/>			
Site Management				
Salem Site Vice President	<input type="checkbox"/>			
Hope Creek Site Vice President	<input type="checkbox"/>			
Other:	<input type="checkbox"/>		<input type="checkbox"/> Report Signed and Approved	
Other:	<input type="checkbox"/>			



JUL 28 2015

LR-E15-0071

Certified Mail/Return Receipt Requested
ARTICLE NUMBER: 7012 1640 0000 4240 3794

US EPA, Region 2
Environmental Protection Agency
290 Broadway
New York, NY 10007-1866

Re: PSEG Nuclear LLC Title V Six-Month Deviation Report (January – June 2015)
Permit Activity Number: BOP130001 and General Permits BOP 140002 through
BOP 140008.
Program Interest Number: 65500

To the Administrator:

PSEG Nuclear LLC ("PSEG Nuclear") submitted the enclosed Title V Six-Month Deviation Report for the period January 1, 2015 through June 30, 2015 electronically to the New Jersey Department of Environmental Protection (NJDEP). Compliance determination was based on BOP 130001 and General Permits BOP 140002 through BOP 140008. PSEG Nuclear had no deviations during this reporting period.

If you have any questions, please do not hesitate to contact Luis Cataldo at (856) 339-2678.

Sincerely,

A handwritten signature in cursive script, appearing to read "Helen Gregory".

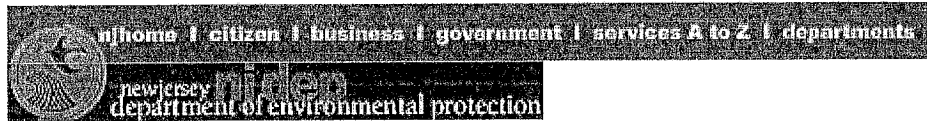
Helen Gregory
Environmental Compliance Manager - Nuclear

Enclosures

cc: NJ DEP – Compliance & Enforcement

SI-SSA-0012-0154

bcc: DCRMS

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Version: 5.3

65500

Currently logged in: robert braun (NUR4B)PSEG NUCLEAR LLC HOPE CRK & SALEM GEN STA [Help](#) | [Logout](#)**SUBMISSION CONFIRMATION**[Printer Friendly Version](#)[1 - Instructions](#)[2 - Submission Name](#)[3 - Facility Selection](#)[4 - Contacts](#)[5 - Spreadsheet Upload](#)[6 - Upload Confirmation](#)[7 - Attachment Upload](#)[8 - Certification](#)[9 - Submission Confirmation](#)

The following was successfully submitted:

Submission:

520988:PSEG Nuclear - 2015

6-Month

Your application has been submitted. We will contact you if further information is needed.

[Return to Workspace](#)**Please Note**

You may click on a previously visited page (above) to navigate back to that screen.

New Jersey Department Of Environmental Protection Certification Form

Company Name PSEG Nuclear LLC Facility ID 65500

1. **Responsible Official** – This first tier of this certification is to be signed by a Responsible Official as defined in N.J.A.C. 7:27-1.

"I certify under penalty of law that I have personally examined and am familiar with the information submitted in the attached document and, based on my inquiry of those officials immediately responsible for obtaining the information, I believe that the submitted information is true, accurate and complete. I certify that, based on my inquiry of those officials immediately responsible for obtaining the information, I believe that any estimates are the result of good faith application of sound professional judgement, using techniques, factors, or standards approved by the Department or EPA, or generally accepted in the trade. I am aware that there are significant civil and criminal penalties, including fines or imprisonment or both, for submitting false, inaccurate or incomplete information."

Name (type or print) Robert C. Braun Title President and Chief Nuclear Officer - Nuclear

Signature  Date 7/28/15

2. **Individuals with direct knowledge** – This second tier of certification is to be signed by the individual or individuals with direct knowledge and/or responsibility for the information contained in the attached spreadsheet. Please use a copy of this form if you need to have this certified by more than two individuals.

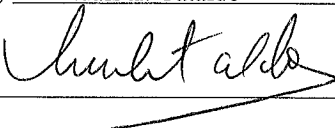
"I certify under penalty of law that I believe the information provided in this document is true, accurate, and complete. For those portions of the document that are based on estimates, those estimates are the result of good faith application of sound professional judgement, using techniques, factors, or standards approved by the Department or EPA, or generally accepted in the trade. I am aware that there are significant civil and criminal penalties, including fines or imprisonment or both, for submitting false, inaccurate or incomplete information."

Name (type or print) Helen L. Gregory Title Environmental Compliance Manager - Nuclear

Signature  Date 7/21/15

"I certify under penalty of law that I believe the information provided in this document is true, accurate, and complete. For those portions of the document that are based on estimates, those estimates are the result of good faith application of sound professional judgement, using techniques, factors, or standards approved by the Department or EPA, or generally accepted in the trade. I am aware that there are significant civil and criminal penalties, including fines or imprisonment or both, for submitting false, inaccurate or incomplete information."

Name (type or print) Luis L. Cataldo Title Sr. Environmental Specialist - Nuclear

Signature  Date 7/20/15



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Version: 5.3

65500

Currently logged in: Luis Cataldo (12171977)PSEG NUCLEAR LLC HOPE CRK & SALEM GEN STA

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CERTIFICATION - SINGLE SUBMISSION SUMMARY**520988 - PSEG Nuclear - 2015 6-Month**

To certify electronically, please click on the blue ribbon.

Required	Name	Certifier Type	Certifier Status	Notification Status	Certify Electronically	Certify via Paper	Remove Certifier
	Luis Cataldo	Individual With Direct Knowledge	Certified on 07/23/2015	Notifications last sent on 07/23/2015.			
		Responsible Official	Not Certified	Notifications last sent on 07/23/2015.			

Clicking a column title will sort the table by that column.

Send Notifications

Add Certification Type

Continue

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statewide: [njhome](#) | [citizen](#) | [business](#) | [government](#) | [services A to Z](#) | [departments](#) | [search](#)Copyright © State of New Jersey, 1996-2004
Department of Environmental Protection
P. O. Box 402
Trenton, NJ 08625-0402

Last Updated: June 24, 2004

**Attachment 2
Verification Completion Form
Page 1 of 1**

Verification Documentation

Correspondence/Letter number: LR-E15-0071 Origination Date: 07/20/2015

Agency/External Stakeholder: EPA/NJDEP Submittal Due Date: 07/30/2015

Recipient of Correspondence: _____
(name and title if known)

Purpose of Submittal: 2015 Title V Six Month Deviation Report

Originating Office: ☒ Salem ☒ Hope Creek ☐ PSEG Nuclear Corporate

Preparer: ERM (print) Via telephone 7/17/2015
(sign) (date)

Peer Reviewer: Luis Cataldo (print) (signature) 7/20/2014
(sign) (date)

Certified Mail Return Receipt Requested: ☒ Yes ☐ No

Approvals (check box if applicable)

	Applicable	Date Review Needed	Signature of Reviewer	Date of Review
Site Departments				
Environmental Compliance Manager	<input checked="" type="checkbox"/>		<u>(signature)</u>	<u>7/21/15</u>
Operations	<input type="checkbox"/>			
Engineering	<input type="checkbox"/>			
Regulatory Assurance	<input type="checkbox"/>			
Corporate				
President & CNO - Nuclear – R. Braun	<input checked="" type="checkbox"/>		<u>(signature)</u>	<u>7/28/15</u>
Site Management				
Salem Plant Manager –	<input checked="" type="checkbox"/>		<u>(signature)</u>	
Salem Vice President – J. Perry	<input checked="" type="checkbox"/>		<u>(signature)</u>	
HC Plant Manager –	<input checked="" type="checkbox"/>		<u>(signature)</u>	
HC Vice President – P. Davison	<input checked="" type="checkbox"/>		<u>(signature)</u>	
Other	<input type="checkbox"/>			
				<input type="checkbox"/> Report Signed and Approved

Attach additional page for comments.



State of New Jersey
Department of Environmental Protection

Compliance Certification Report

INSTRUCTIONS:

Validation Tab:

This worksheet is used to validate and lock the spreadsheet after it has been completed. Upon completion of the spreadsheet, navigate to the Validation Tab and click the "Validate" button. After clicking "Validate", any validation issues will be displayed. If validation issues appear, you must make corrections to the spreadsheet as directed, return to the Validation Tab, and click "Validate" again. Repeat this process until you do not receive any validation issues. Next, click the "Lock" button to lock the spreadsheet. Once locked, the spreadsheet can be uploaded to the Department's NJEMS central file.

Facility Info and Cert Status Tab:

Section I - Facility Information

1. Facility Name: Enter the New Jersey air pollution facility name. Your facility name should be the same as it appears on the approved operating permit.
2. Program Interest Number: Enter the Program Interest (PI) number for which the Title V annual certification is being submitted. The Program Interest Number is a five-digit facility identification number assigned by the Department, which can be found on your approved operating permit.
3. Submittal Type: Choose Submittal Type, by clicking the corresponding radio button. Note - "combined" refers to a submittal covering both the 2nd Half Semi-Annual Deviation Report, and the Annual Compliance Certification.
4. Is this a Revision?: In Section 4, select "Yes" if this is a re-submittal, otherwise select "No".
5. Reporting Year: Enter the year for which you are reporting. Note that for Annual Compliance Certs., electronic submittals are only available to facilities reporting on a calendar year basis. If your operating permit requires submittal of Annual Compliance Certs. 60 days from the anniversary of the initial approval date, you must continue to submit Annual Compliance Certs. on paper forms (100, 100A, and 100B).
Paper forms can be found here: <http://www.nj.gov/dep/enforcement/annualcompliancecerts.htm>
6. Due Date: This field should auto-populate based on your previous selections.
7. Reporting Period: These fields should auto-populate based on your previous selections.

Section II - Compliance Certification Statement

Semi-Annual Deviation Reports: Choose selection 1.

Annual Compliance Certifications: Compliance Status for the Reporting Period. Click the radio button corresponding to the statement indicating the facility's status for the reporting period. Read all five statements thoroughly and choose the one that best reflects the facility's compliance throughout the reporting period. If your facility did not comply with all applicable requirements in the operating permit continuously throughout the reporting period, regardless if the facility has returned to compliance, DO NOT select statement "a".

Continuous Compliance Summary Tab - Section IIIa Summary of Facility and Emission Unit Compliance Status:

This Section is used to list Emission Units/Batch Processes that were in continuous compliance during the reporting period.

Annual Compliance Certs. and Combined 2nd Half Semi-Annual Deviation Report/Annual Compliance Certs.:

1. Permit Activity ID: Enter the Permit Activity ID. This ID is listed on your approved operating permit and consists of the letters "BOP" followed by 5 digits, i.e. "BOP080001". Note that you may have had more than one Operating Permit in effect during the period for which you are reporting. If this is a case, all Permit Activity IDs in effect during the reporting period must be listed.
2. Emission Unit/Batch Process: Section IIIa must include each Subject Item Included for each Operating Permit that was in effect during the reporting period.

14. Deviation Discovery Date: Enter the date on which you first became aware of the deviation.
15. Affirmative Defense Requested?: Select "Yes" or "No" to indicate whether or not you asserted affirmative defense to liability for the deviation.
16. Did the Deviation Result in Excess Emissions? Select "Yes" or "No" to indicate whether or not the deviation resulted in excess emissions.
17. Estimate the Amount of Emissions Below: Select contaminant as appropriate. If excess emissions can be calculated, fill in the approximate amount of excess emissions in lbs.
18. Describe the steps taken to correct the problem: Enter text in this field as appropriate.
19. Comments: Enter comments as appropriate.

Under this column, fill in each subject item listed in the associated operating permit. Enter only one subject item per row. For each Emission Unit/Batch Process, you will be certifying compliance for all requirements listed under that Unit, including all Operating Scenarios, Steps, Control Devices, or any other Subject Items associated with the Emission Unit/Batch Process. If you have any Insignificant Sources (IS), or other Subject Items not associated with an Emission Unit/Batch Process, which has requirements, you must also list them in this section. Example: U1: Includes OSO, OS1, OS2, CD1, PT1, E101, E102 BP2: Includes OSO, OS1, CD2, CD3, PT2, PT3, E201, E202, E203

3. Continuous Compliance During Reporting Period:

You must select Continuous Compliance for each Subject Item for which you are certifying continuous compliance by using the dropdown menu to select "Yes" or "No" to indicate whether or not the Subject Item was in continuous compliance during the reporting period.

Semi-Annual Deviation Reports:

Section IIIa is optional for Semi-Annual Deviation Report submittals. If you wish to list Emission Unit/Batch Process information for Subject Items which were in Continuous Compliance during the reporting period, please see above instructions for Annual Compliance Certs., and Combined 2nd Half Semi-Annual Deviation Report/Annual Compliance Certs. Otherwise this section can remain blank.

Deviation Compliance Summary Tab - Section IIIb Summary of Facility and Emission Unit Compliance Status:

This section is used to enter details of deviations that occurred during the reporting period.

1. Permit Activity ID: Permit Activity ID: Enter the Permit Activity ID associated with the requirement for which you are reporting a deviation. This ID is listed on your approved operating permit and consists of the letters "BOP" followed by 5 digits. i.e. "BOP080001". Note that you may have had more than one Operating Permit in effect during the period for which you are reporting.
2. Subject Item(s): Use these columns to enter the Subject Item(s) from the Operating Permit for the deviation(s) you are reporting.
3. Requirement Reference #: Enter the referenced # for the deviation(s) you are reporting.
4. Requirement Type: Select the requirement type for the deviation(s) you are reporting
5. Description of Deviation: Briefly describe the deviation.
6. Compliance Status at the End of the Reporting Period: Select "In Compliance" or "Out of Compliance" to indicate compliance status at the end of the reporting period with regard to the deviation(s).
7. Was this Deviation Intermittent or Continuous Throughout the Reporting Period?: If the deviation was ongoing throughout the entire reporting period select "continuous". Otherwise select "Intermittent".
8. Deviation Notification/Department Response Status: Note - more than one selection may apply, user can select multiple items from the drop-down menu.
Compliance Report: Select "Compliance Report" if you have previously submitted information relative to the deviation to the Department in a compliance report. (i.e. EEMPR). If "Compliance Report" is selected, you will be required to add information under the column labeled "Compliance Report Type". Note that if "Compliance Report" is selected, Columns "P" (Recurring Deviation of Requirement) through "X" (Comments) on this Tab are optional.
DEP Addressed with ENF Action: Select "DEP Addressed with ENF Action" if you have received an enforcement action (i.e. NOV, AONOCAPA) from the Department for the deviation you are reporting. If "DEP Addressed with ENF Action" is selected, you will be required to enter the EA Activity Number under the column labeled "Enforcement Action Activity Number"
- Notification: Select "Notification" if you have previously notified the Department of the deviation. If Notification is selected, the user will be required to enter the CC# or reported date under the column labeled "Communication Center Notification Number or Reported Date".
9. Compliance Report Type: If "Compliance Report" was selected under the "Deviation Notification/Department Response Status" column, you are required to enter information in this field. Use this field to specify the type of report the deviation was reported under (i.e. EEMPR).
10. Enforcement Action Activity Number: If "DEP Addressed with Enf Action" was selected under the "Deviation Notification/Department Response Status" column, you are required to enter information in this field. Use this field to enter the EA# (i.e. PEA080001).
11. Communication Center Notification Number or Reported Date: If "Notification" was selected under the "Deviation Notification/Department Response Status" column, you are required to enter information in this field. If notification was made through the DEP Hotline (1-877-WARNDEP), enter the communication center number here (i.e. 08-11-04-1234-32). If notification was made by other means (i.e. calling the field office directly), enter the date that the deviation was reported to the Department. The Comments section can be used to describe the method of notification if needed. Note - the DEP Hotline is the preferred method of notifying the Department regarding deviations.
12. Recurring Deviation of Requirement: If the deviation occurred on multiple dates throughout the reporting period select "Yes". Otherwise select "No".
13. List all Deviation Dates or Date Ranges: If you selected "Yes" under "Recurring Deviation of Requirement", you must list the dates or date ranges on which the deviation occurred. Otherwise this column is optional.



State of New Jersey
Department of Environmental Protection

Compliance Certification Report

Validate Spreadsheet

Lock Spreadsheet for Submission

Section I - Facility Information1) Facility Name: PSEG Nuclear LLC2) Program Interest Number (5-Digit): 65500

The permittee shall submit to the Department and to the EPA, a periodic compliance certification, in accordance with N.J.A.C. 7:27-22.19(f) and the schedule for submittal of compliance certifications set forth in the compliance plan of your operating permit. The annual compliance certification is due to the Department and the EPA within 60 days of the expiration of each 1-year anniversary of the Initial Operating Permit Approval Date, unless otherwise specified in your approved operating permit.

3) Submittal Type: First Semi-Annual Report (Choose from List)4) Is this a revision of an already submitted report? No (Choose from List)5) Reporting Year: 20156) This report is due: 07/31/2015
(MM/DD/YYYY)and covers the reporting period from: 01/01/2015 to: 06/30/2015
(MM/DD/YYYY) (MM/DD/YYYY)

7) The methods used to determine the compliance status for each permit limitation are, at a minimum, as specified in the approved operating permit.

Section II - Compliance Certification Statement**Compliance Status for the Reporting Period:**

- ☐ a. Pursuant to N.J.A.C. 7:27-22.19(f)1.i, I hereby state that this facility is currently in compliance with all applicable requirements as indicated in the facility specific requirements of my operating permit and has been in continuous compliance for the time period listed in Section I.3 above.
- ☐ b. Pursuant to N.J.A.C. 7:27-22.19(f)1.i, I hereby state that this facility is currently in compliance with all applicable requirements as indicated in the facility specific requirements of operating permit but had periods of non-compliance during the time period listed in Section I.3 above which are listed in the Deviation Summary tab.
- ☐ c. Pursuant to N.J.A.C. 7:27-22.19(f)1.ii, I hereby state that this facility is in compliance with all applicable requirements as indicated in the facility specific requirements of my operating permit for the time period listed in Section I.3 above except those applicable requirements listed in the compliance schedule, included in my operating permit pursuant to N.J.A.C. 7:27-22.9(c)7, which includes a sequence of actions with milestones leading to compliance with the applicable requirement.
- ☐ d. Pursuant to N.J.A.C. 7:27-22.19(f)1.iii, I hereby state that this facility is in compliance with all applicable requirements for the time period listed in Section I.3 above as indicated in the facility specific requirements of my operating permit, except for those applicable requirements included in an order or consent decree not incorporated into a compliance schedule.
- ☐ e. Pursuant to N.J.A.C. 7:27-22.19(f)1.iv, I hereby state that this facility is currently not in compliance with at least one applicable requirement in the facility specific requirements of my operating permit, which are listed in the Deviation Summary tab.
- ☒ f. None of the above. This is a semi-annual report.



State of New Jersey
Department of Environmental
Protection

Section IIIa - Summary of Facility and Emission Unit Compliance Status

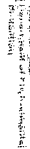
Add Rows

Insert Row

Delete Rows

Set All Yes/No

Permit Activity ID	<i>Each unit includes ALL Operating Scenarios (OS), Steps (ST), Control Devices (CD), Emission Point (PT), Group (GR) and Equipment (E) listed under that UNIT or BP</i> Emission Unit/Batch Process	Continuous Compliance Throughout the Reporting Period
BOP130001	FC	Yes
BOP130001	U1	Yes
BOP130001	U11	Yes
BOP130001	U19	Yes
BOP130001	U22	Yes
BOP130001	U24	Yes
BOP130001	U33	Yes
BOP130001	U34	Yes
BOP130001	U35	Yes
BOP130001	U36	Yes
BOP130001	U37	Yes
BOP130001	U39	Yes
BOP130001	U40	Yes
BOP130001	U41	Yes
BOP130001	U42	Yes
BOP130001	U43	Yes
BOP130001	U44	Yes
BOP130001	U45	Yes
BOP130001	U46	Yes
BOP130001	U47	Yes
BOP130001	U49	Yes
BOP130001	U55	Yes
BOP130001	U56	Yes
BOP130001	U57	Yes
BOP130001	U58	Yes
BOP130001	U60	Yes
BOP130001	U70	Yes
BOP130001	U71	Yes
BOP130001	U72	Yes
BOP130001	U73	Yes
BOP130001	U74	Yes
BOP130001	U75	Yes
BOP130001	U120	Yes
BOP130001	U130	Yes
BOP130001	U140	Yes
BOP130001	U141	Yes
BOP140006	U185	Yes
BOP140002	U186	Yes
BOP140003	U187	Yes
BOP140004	U188	Yes
BOP140007	U189	Yes
BOP140008	U190	Yes
BOP140005	U191	Yes
BOP130001	FG3	Yes
BOP130001	FG7	Yes
BOP130001	IS1	Yes
BOP130001	IS2	Yes
BOP130001	IS4	Yes
BOP130001	IS5	Yes
BOP130001	IS6	Yes
BOP130001	IS16	Yes
BOP130001	IS100	Yes
BOP130001	IS102	Yes
BOP130001	IS103	Yes
BOP130001	IS104	Yes
BOP130001	IS105	Yes
BOP130001	IS106	Yes
BOP130001	IS107	Yes
BOP130001	IS108	Yes
BOP130001	IS109	Yes
BOP130001	IS110	Yes
BOP130001	IS111	Yes



Self-Inspection - Summary of Facility and Emission Unit Compliance Status

Section 803 - Summary of Faculty and Emphasis Unit Compliance Status

Section 11b - Summary of Facility and Emission Unit Compliance Status

Project Number	Project Information			Project Manager	Project Status	Project Type	Project Location	Project Start Date	Project End Date	Project Budget	Project Description	Project Objectives	Project Deliverables	Project Risks	Project Issues	Project Comments
	Project Name	Project ID	Project Code													
1	Project A	101	101A	John Doe	In Progress	Software Development	New York	2023-01-01	2023-12-31	\$1,000,000	Develop a new software application for the company.	Improve efficiency and reduce costs.	Develop a new software application for the company.	Low	None	Project A is on track and meeting all deadlines.
2	Project B	102	102B	Jane Smith	Completed	Hardware Installation	Los Angeles	2023-02-01	2023-03-31	\$500,000	Install new hardware for the company.	Upgrade the company's hardware infrastructure.	Install new hardware for the company.	Low	None	Project B was completed successfully and on time.
3	Project C	103	103C	Mike Johnson	On Hold	Marketing Campaign	Chicago	2023-04-01	2023-06-30	\$250,000	Launch a new marketing campaign for the company.	Increase brand awareness and sales.	Launch a new marketing campaign for the company.	Medium	Budget Overrun	Project C is on hold due to budget concerns.
4	Project D	104	104D	Sarah Lee	Planned	Research and Development	San Francisco	2023-07-01	2023-09-30	\$750,000	Conduct research and development for a new product.	Develop a new product for the company.	Conduct research and development for a new product.	Low	None	Project D is planned for the future.



State of New Jersey
Department of Environmental
Protection

Section III - Summary of Facility and Emission Unit Compliance Status

Section III - Summary of Facility and Emission Unit Compliance Status

Add Rows Insert Row Delete Rows

Permit Activity Number	Select the Subject Item(s) from the Operating Permit associated with this Deviation				Requirement Reference #	Requirement Type	Description of Deviation	Compliance Status at End of the Reporting Period	Was this Deviation Intermittent or Continuous Throughout the Reporting Period?	Deviation Notification / Department Response Status	Compliance Report Type	Enforcement Action Number
	SI Type	SI Number	Operating Scenario	Step Number								



LR-E15-0072

Dated: **JUL 24 2015**

Certified Mail, Return Receipt Requested
Article Number: 7013 2630 0000 0536 4574

Mr. Michael DiGiore
New Jersey Department of Environmental Protection
EPCRA Section 313
Office of Pollution Prevention & Right-To-Know
Station Plaza 4, 22 S. Clinton Avenue – 3rd Floor
P.O. Box 433
Trenton, NJ 08625-0433

RE: Notification of Change in Pollution Prevention Plan Reporting Status
for PSEG Nuclear, Salem and Hope Creek Generating Station
(Facility ID: 00585211041)


Dear Mr. DiGiore:

The purpose of this letter is to notify the New Jersey Department of Environmental Protection (NJDEP) of a change in Pollution Prevention Plan status for PSEG Nuclear, Salem and Hope Creek Generating Station (Salem & Hope Creek) (Facility ID: 00585211041) located at End Of Alloway Creek Neck Road, Hancocks Bridge, NJ 08038.

Based on an analysis of hazardous substances manufactured, processed, or otherwise used in 2014, a P2 Plan is not required at Salem & Hope Creek. The only hazardous substance that exceeded reporting thresholds in 2014 was hydrazine. The sum of non-product output (NPO) and product shipped off-site of hydrazine was below 500 lb. as shown in the submitted 2014 Release and Pollution Prevention Report (RPPR). Pursuant to N.J.A.C 7:1K-3.1(h), if the sum of NPO and product shipped off-site is less than 500 lb., as indicated in the RPPR, a P2 Plan is not required. Therefore, Salem & Hope Creek did not prepare a 5-year renewal of its P2 Plan. Since a P2 Plan is not required, the P2 Plan Summary was also not prepared and submitted on NJDEP Online.

If you have any questions or comments with regard to this update, please contact Cheryl Drach at 856-339-1493.

Sincerely,

A handwritten signature in cursive script, appearing to read "Helen Gregory".

Helen Gregory
Environmental Compliance Manager – Nuclear

Enclosures

THIS IS A COURTESY COPY OF THIS RULE. ALL OF THE DEPARTMENT'S RULES ARE COMPILED IN TITLE 7 OF THE NEW JERSEY ADMINISTRATIVE CODE.

subsequently becomes subject to the filing of a toxic chemical release form pursuant to 42 U.S.C. § 11023, for example, by the U.S. EPA's addition of new hazardous substances or new North American Industry Classification System codes, shall:

1. Prepare Parts IA and II of a Pollution Prevention Plan in accordance with N.J.A.C. 7:1K-4.3(b) and 4.5 and submit a Pollution Prevention Plan Summary to the Department in accordance with N.J.A.C. 7:1K-5.1 within 12 months after the date set by the U.S. EPA for the submittal of a toxic chemical release form pursuant to 42 U.S.C. § 11023.

2. Prepare Part IB of a Pollution Prevention Plan in accordance with N.J.A.C. 7:1K-4.3(c) and submit a Pollution Prevention Plan Progress Report to the Department in accordance with N.J.A.C. 7:1K-6.1 by July 1 of the year following the submittal of the industrial facility's first Pollution Prevention Plan Summary to the Department;

3. Update Part IB of the Pollution Prevention Plan in accordance with N.J.A.C. 7:1K-3.7 and submit a Pollution Prevention Plan Progress Report to the Department in accordance with N.J.A.C. 7:1K-6.1 by each July 1 thereafter; and

4. Revise or modify the industrial facility's Pollution Prevention Plan or Plan Summary as required by N.J.A.C. 7:1K-3.6, 3.8, 3.9, and 3.10.

(f) The owner or operator of an industrial facility who was not required to prepare and submit pollution prevention planning documents pursuant to (a) or (b) above, but who subsequently manufactures or uses a hazardous substance in a quantity above the threshold quantity established at N.J.A.C. 7:1K-3.5, shall prepare a Pollution Prevention Plan and submit a Plan Summary to the Department by July 1 of the year after the submittal to the Department of a Release and Pollution Prevention Report (RPPR), Form DEQ-114, Sections A and B.

(g) The owner or operator of a priority industrial facility who is no longer required to prepare and submit a toxic chemical release form pursuant to 42 U.S.C. § 11023 is no longer subject to the pollution prevention planning requirements of this chapter, unless designated as a priority industrial facility pursuant to N.J.A.C. 7:1K-3.2. The owner or operator of a facility shall notify the Department in writing concerning the facility status by July 1 of the year following its change in status to a facility to which this subsection applies.

(h) The owner or operator of a priority industrial facility required to prepare and submit a Federal Toxic Chemical Release Form pursuant to 42 U.S.C. § 11023 shall be exempt from preparing a Pollution Prevention Plan, and submitting a Plan Summary and annual Progress Reports in accordance with the schedule in this section, if the sum of nonproduct output and quantity shipped as or in product for that hazardous substance does not exceed 500 pounds, determined from the value reported in Section B of the most current RPPR.

RELEASE & POLLUTION PREVENTION REPORT FOR 2014

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF POLLUTION PREVENTION & RIGHT TO KNOW
P.O. BOX 443, TRENTON, NJ 08625-0443

FACID: 00585211041

NAICS: 221113

FEIN: 223663480

COMU: 1704

PSEG NUCLEAR LLC
END OF ALLOWAY CREEK NCK RD
HANCOCKS BRIDGE, NJ 08038

PSEG NUCLEAR LLC
ALLOWAY CREEK NECK RD
HANDCOCK BRIDGE, NJ 08038

MAILING ADDRESS

FACILITY LOCATION

SECTION A. GENERAL FACILITY INFORMATION

1.1 Person to contact regarding this report

Name (printed) HELEN GREGORY1.2 Title MGR-ENVIRONMENTALCOMP1.3 Phone number (856)339-13411.4 Fax # (856)339-2036

1.5 Contact's address (if different than facility address)

2. Briefly describe the nature of business conducted at this facility

ELECTRIC POWER GENERATION3. TRI Facility ID Number: 08038NCLRBENDOF

4. Facility NJ RTK Research & Development Laboratory exemption approval number:

5. Is this facility subject to filing any EPA Toxic Release Inventory Forms (Form R or Form A) for calendar year 2014?

☒ Yes ☐ No5.1 Number of Forms R subject to reporting for 2014: 05.2 Number of Forms A subject to reporting for 2014: 16. *Reserved (see instructions)*

7. Wastewater Discharges

7.1 If there is a discharge of a reported substance to a publicly owned treatment works (POTW), complete the following:

a. Name of utility (POTW) N/A

b. Address (physical location)

c. Estimated average volume of wastewater discharged to POTW daily (gallons per day)

d. Briefly describe any pretreatment methods employed

7.2 If there is a discharge of a reported substance to a surface water, a navigable waterway, or to a tributary system, complete the following:

a. Name of receiving stream DELAWARE RIVERb. Estimated average volume of wastewater discharged to receiving stream (gallons per day) 526125000

c. Briefly describe any pretreatment methods employed

7.3 If there is a discharge of a reported substance to groundwater, complete the following:

- a. Estimated average volume of wastewater discharged to groundwater (gallons per day)
 b. Briefly describe any pretreatment methods employed

8. Trade Secret Claims

8.1 Does this report contain any trade secret (confidential business information) claims for Section B data? ☐ Yes ☒ No

8.2 Does this report contain any trade secret (confidential business information) claims for Section C or D data? ☐ Yes ☒ No

(You are required to provide full documentation on any trade secret (confidentiality) claim. Refer to the instructions booklet, *Trade Secret Claim*.)

9. Waste Hauler Information - Provide the full names and locations (include street, city, state, and zip code) and the USEPA ID Number, or NJ Solid Waste Transporter Registration Number if applicable, of the hauler services that transported production-related wastes containing reported substances to off-site locations in 2014.

EPA ID# SOLID WASTE ID#	Name of Hauler	Address	City	State	Zip Code
-------------------------------	----------------	---------	------	-------	----------

10. CERTIFICATION OF EMPLOYER OR DULY AUTHORIZED REPRESENTATIVE - I certify under penalty of law that I have personally examined and am familiar with the information submitted in Sections A and B of this report and all attachments, and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

-->

Signature Submitted and certified electronically by Helen Gregory

Date 06/30/2015

Phone No. (856)339-1341

Title Env Compliance Mgr

NOTE: You are required pursuant to the authority of N.J.S.A. 34:5A-7(b) to forward a copy of this report to your RTK County Lead Agency. (See RPPR Appendix D for appropriate addresses.)

SECTION B. FACILITY-LEVEL SUBSTANCE-SPECIFIC INFORMATION

FACID: 00585211041

PSEG NUCLEAR LLC
 ALLOWAY CREEK NECK RD , HANDCOCK BRIDGE, NJ 08038

1.1 CAS No. (Category No.) 302-01-2

1.2 RTK Substance No. 1006

1.3 Substance Name
 (or Category Name) HYDRAZINE

1.4 Does this section contain any trade secret (confidential business information)

claims for data in question #5 through #10 (excluding #5.1 and #10.1)?

☐ Yes ☒ No

2. Activities and Uses of the Substance at the Facility (Check all that apply.)

- If "produce" or "import" then:
- | | | | |
|--------------------------------|---|--|---|
| 2.1 Manufacture the Substance: | a. <input type="checkbox"/> Produce | c. <input type="checkbox"/> For on-site use/processing | d. <input type="checkbox"/> For sale/distribution |
| | b. <input type="checkbox"/> Import | e. <input type="checkbox"/> As a byproduct | f. <input type="checkbox"/> As an impurity |
| 2.2 Process the Substance: | a. <input type="checkbox"/> As a reactant | b. <input type="checkbox"/> As a formulation component | c. <input type="checkbox"/> As an article component |
| | d. <input type="checkbox"/> Repackaging | e. <input type="checkbox"/> As an impurity | |
| 2.3 Otherwise use Substance: | | b. <input type="checkbox"/> As a manufacturing aid | c. <input checked="" type="checkbox"/> Ancillary or other use |

a. ☐ As a chemical
processing aid

3.1 Principal Method of Storage: TI, Other Storage Method: null

3.2 Frequency of Transfer from Storage: 365 times per CONTIN

3.3 Methods of Transfer: PIPE

INVENTORY AND THROUGHPUT INFORMATION				
	INVENTORY	N/A	Quantity (in pounds)	Basis of Estimate
4.	Maximum Daily Inventory of the Substance	<input type="checkbox"/>	16,680	O
	INPUTS	N/A	Quantity	Basis of Estimate
5.	Starting Inventory of the Substance	<input type="checkbox"/>	16,680	O
5.1	Quantity of Starting Inventory that is Nonproduct Output (NPO)	<input type="checkbox"/>	0	O
6.	Quantity Produced on Site	<input type="checkbox"/>	0	O
7.	Quantity Brought on Site	<input type="checkbox"/>	22,510	O
7.1	Quantity Brought on Site as Recycled Substance	<input type="checkbox"/>	0	O
	OUTPUTS		Quantity (in pounds)	Basis of Estimate
8.	Quantity Consumed on Site (chemically reacted in process)	<input type="checkbox"/>	22,510	O
9.	Quantity Shipped off Site as (or in) Product	<input type="checkbox"/>	0	O
10.	Ending Inventory of the Substance	<input type="checkbox"/>	16,680	O
10.1	Quantity of Ending Inventory that is Nonproduct Output (NPO)	<input type="checkbox"/>	0	O
11.	Total Nonproduct Output		0	
	USE (calculated from Section B data)		22,510	
	ON-SITE MANAGEMENT OF NONPRODUCT OUTPUT		Quantity (in pounds)	Basis of Estimate
12.	Quantity Recycled Out-of-Process on Site and Used on Site	<input checked="" type="checkbox"/>		
13.	Quantity Destroyed through On-Site Treatment	<input checked="" type="checkbox"/>		
14.	Quantity Destroyed through On-Site Energy Recovery	<input checked="" type="checkbox"/>		
	RELEASE INFORMATION (Substance Specific)		Quantity (in pounds)	Basis of Estimate
15.	Total Stack or Point Source Air Emissions	<input type="checkbox"/>	0	O
16.	Total Fugitive or Non-Point Source Air Emissions	<input type="checkbox"/>	0	O
17.	Total Discharge to Publicly Owned Treatment Works (POTW)	<input checked="" type="checkbox"/>		
18.	Total Discharge to Surface Waters	<input type="checkbox"/>	0	O
19.	Total Discharge to Groundwater	<input checked="" type="checkbox"/>		
20. On-Site Land Disposal: <input checked="" type="checkbox"/> N/A				
21. Transfers to Other Off-Site Locations: <input checked="" type="checkbox"/> N/A				

22.	Quantity released to the environment as a result of remedial actions, catastrophic events, or one-time events not associated with production processes (pounds/year):			0
			Quantity	Units of Measurement and Product Description
23.	2014 Quantity and Units of Production Associated with the Reported Substance:	1.	27,741,757	MWHRS
		2.		
		3.		
		4.		

*PRODUCTION: Whenever possible, "UNITS" should be mass or surface area units only, such as pounds of material manufactured or square footage of product involved.

24. Has any reduction or elimination of either the use of the reported substance or the generation of the reported substance as nonproduct output (NPO) occurred during 2014 due to discontinuance of operations?

☐ Yes ☒ No If "Yes", fill in below:

	Quantity of Substance Reduced (in pounds) (2013 to 2014)	Basis of Estimate
Quantity of substance reduced in pounds (2013 to 2014) due to the discontinuance of operations, including operations transferred to or undertaken by another facility		

POLLUTION PREVENTION ACTIVITIES

For the purpose of this question and Sections C and D of this report, pollution prevention means: the reduction or elimination of either the use of the reported substance or the generation of the reported substance as nonproduct output, prior to treatment, storage, out-of-process recycling, or disposal. Pollution prevention is not any type of treatment, out-of-process recycling, incineration, or the transfer of releases to different media.

25. Has any material-related change (change in the amount of the reported substance used due to substitution of a non-listed substance) been employed to reduce the quantity of this reported substance during 2013 relative to 2014 levels?

☐ Yes ☒ No If "Yes," fill in the table below:

POLLUTION PREVENTION METHODOLOGY	Quantity of Substance Reduced (in pounds) (2013 to 2014)	Basis of Estimate
Material-Related Change (change in the amount of the substance used due to substitution of other non-listed substance)		
CAS Number, Substance Name and Quantity of Substitute Substance		
<u>CAS Number</u>	<u>Substance Name</u>	<u>Quantity (pounds)</u>
a)		
b)		
c)		

SECTION C. FACILITY-LEVEL SUBSTANCE-SPECIFIC POLLUTION PREVENTION PROGRESS

FACID: 00585211041	
PSEG NUCLEAR LLC ALLOWAY CREEK NECK RD HANDCOCK BRIDGE, NJ 08038	
1.1 CAS No. (Category No.) 302-01-2	
1.2 Substance Name (Category Name) HYDRAZINE	

2. Production Ratio or Activity Index (based on the USE per number of units of product)	From Base Year	From Previous Year
	1.33	1.05
3. Percent Change from Base Year (based on the USE or NPO per number of units of product)	USE	NPO
	-17.7	0

4. Note the Process ID of any production processes that your facility discontinued or sent off site in 2014. These Process IDs should match those identified in your Pollution Prevention Plan Summary. If any of the listed processes involved more than one reportable substance, identify the process ID only once. If no production processes were discontinued or sent off site in 2014, then leave this blank.

SECTION D: PROCESS-LEVEL POLLUTION PREVENTION INFORMATION FOR TARGETED PROCESSES

FACID: 00585211041			1.1	Process ID (Must be the same ID listed in the Pollution Prevention Plan Summary). <u>000000000001</u>
PSEG NUCLEAR LLC ALLOWAY CREEK NECK RD HANDCOCK BRIDGE, NJ 08038			1.2	<input type="checkbox"/> Check here if your facility made a production process change in 2014 that triggered a modification to the Pollution Prevention Plan or Pollution Prevention Plan Summary.
			1.3	<input type="checkbox"/> Check here if your facility's pollution prevention progress was less than anticipated for any hazardous substance within this targeted process and explain below.

2.1 Substance Name (Category Name)	Percent Change Per Unit of Product	4.1 Pollution Prevention Techniques Used in 2014 (use 3-digit codes in Appendix E of the instructions)	4.2 Pollution Prevention Techniques Planned for 2015 (use 3-digit codes in Appendix E of the instructions)
2.2 CAS Number (Category No.)	3.1 USE	3.2 NPO	
HYDRAZINE	-17.7	0	
302-01-2			

POLLUTION PREVENTION PROCESS-LEVEL DATA WORKSHEET (P2-115)

Note: This worksheet is required as part of the Pollution Prevention Plan, and is optional as a submittal in lieu of Sections C and D of the Release and Pollution Prevention Report.

Base Year 2009

FACID: 00585211041
PSEG NUCLEAR LLC
END OF ALLOWAY CREEK NCK RD
HANCOCKS BRIDGE, NJ 08038

FACILITY LOCATION

Process ID (from P2 Plan Summary)

000000000001

Units of Production (e.g., type of widget, lbs. of chemical, square feet of product)

MWHRs

Is process targeted? (Y/N)

Y

Is this a grouped process? (Y/N)

N

CAS No.: 302-01-2		Hazardous Substance: HYDRAZINE					
		Base Year	Year 1	Year 2	Year 3	Year 4	Year 5
Production Quantity		20,795,038	21,078,274	20,713,052	19,300,884	26,544,994	27,741,757
USE (pounds)		14,336	17,920	22,848	32,514	24,177	22,510
	Consumed	14,336	17,920	22,848	32,514	24,177	22,510
	Shipped off-site as (or in) product	0	0	0	0	0	0
	NPO (pounds)	0	0	0	0	0	0
	Recycled out of process	0	0	0	0	0	0
	Destroyed: on-site treatment	0	0	0	0	0	0
	Destroyed: on-site energy recovery	0	0	0	0	0	0
	Stack air emissions	0	0	0	0	0	0
	Fugitive air emissions	0	0	0	0	0	0
	Discharge to POTWs	0	0	0	0	0	0
	Discharge to surface waters	0	0	0	0	0	0
	Discharge to groundwater	0	0	0	0	0	0
	On-site land disposal	0	0	0	0	0	0
	Transferred off site	0	0	0	0	0	0
	Ending Inv. as NPO minus Starting Inv. as NPO	0	0	0	0	0	0
P2 techniques used in given year (see codes in RPPR Appendix E)							
Was this process discontinued or sent off site in the given year?			N	N	N	N	N
Did facility make process change(s) that triggered a Plan modification?			N	N	N	N	N
Was facility's P2 progress (targeted process only) less than anticipated?			N	N	N	N	N

CERTIFICATION OF OWNER OR OPERATOR - I certify under penalty of law that the information submitted in this Pollution Prevention Progress Report is true, accurate and complete to the best of my knowledge.

Signature *Submitted and certified electronically by Helen Gregory*

Date 06/30/2015

Phone No. (856)339-1341

Title Env Compliance Mgr

United States Environmental Protection Agency		TOXIC CHEMICAL RELEASE INVENTORY FORM A		TRI Facility ID Number 08038NCLRBENDOF	
WHERE TO SEND COMPLETED FORMS:		1. TRI Data Processing Center P.O. Box 10163 Fairfax, VA 22038 *** File Copy Only: Do Not Submit Paper Form to EPA ***		2. APPROPRIATE STATE OFFICE (See instructions in Appendix F)	
This section only applies if you are revising or withdrawing a previously submitted form, otherwise leave blank:		Revision (Enter up to two code(s)) [][]		Withdrawal (Enter up to two code(s)) [][]	
Important: See Instructions to determine when "Not Applicable (NA)" boxes should be checked.					
Part I. FACILITY IDENTIFICATION INFORMATION					
SECTION 1. REPORTING YEAR : 2014					
SECTION 2. TRADE SECRET INFORMATION					
2.1 Are you claiming the toxic chemical identified on page 2 trade secret? [] Yes (Answer questions 2.2; attach substantiation forms) [X] NO (Do not answer 2.2; go to Section 3)		2.2 Is this copy [] Sanitized [] Unsanitized (Answer only if "Yes" in 2.1)			
SECTION 3. CERTIFICATION (Important: Read and sign after completing all form sections.)					
I hereby certify that to the best of my knowledge and belief, for each toxic chemical listed in the statement, the annual reportable amount as defined in 40 CFR 372.27 (a), did not exceed 500 pounds for this reporting year and the chemical was manufactured, processed, or otherwise used in an amount not exceeding 1 million pounds during this reporting year.					
Name and official title of owner/operator or senior management official:		Signature:		Date Signed:	
File Copy Only: Do Not Submit Paper Form to EPA		File Copy Only: Do Not Submit Paper Form to EPA		XX/XX/XXXX	
SECTION 4. FACILITY IDENTIFICATION					
4.1		TRI Facility ID Number		08038NCLRBENDOF	
Facility or Establishment Name SALEM & HOPE CREEK GENERATING STATIONS					
Street END OF ALLOWAY CREEK NECK RD		Mailing Address (if different from physical street address) END OF ALLOWAY CREEK NECK RD			
City/County/Tribe/State/ZIP Code HANCOCKS BRIDGE /Salem /BIA Code: /NJ /08038		City/State/ZIP Code HANCOCKS BRIDGE /NJ /08038		Country (Non-US) /	
4.2 This report contains information for : (Important: check c or d if applicable)		c. [] A Federal facility		d. [] GOCO	
4.3 Technical Contact name HELEN GREGORY		Email Address HELEN.GREGORY@PSEG.COM		Telephone Number (include area code and ext.) 856-339-1341	
4.4 Public Contact name HELEN GREGORY		Email Address HELEN.GREGORY@PSEG.COM		Telephone Number (include area code and ext.) 856-339-1341	
4.5 NAICS Code(s) (6 digits) a. 221113 (Primary)		b.		c. d. e. f.	
4.6 Dun and Bradstreet Number(s) (9 digits) a. 848793910		b.			
SECTION 5. PARENT COMPANY INFORMATION					
5.1 Name of U.S. Parent Company (for TRI Reporting purposes)		PUBLIC SERVICE ENTERPRISE GROUP		No U.S. Parent Company (for TRI Reporting purposes) []	
5.2 Parent Company's Dun & Bradstreet Number		NA [] 848793910			

EPA FORM A

PART II. CHEMICAL IDENTIFICATION

Do not use this form for reporting Dioxin and Dioxin-like Compounds*

TRI Facility ID Number

00038NCLRBENDOF

SECTION 1. TOXIC CHEMICAL IDENTITY

Report # of #

1.1 CAS Number (Important: Enter only one number as it appears on the Section 313 list. Enter category code if reporting a chemical category.)

302912

1.2 Toxic Chemical or Chemical Category Name (Important: Enter only one name exactly as it appears on the Section 313 list.)

Hydrazine

1.3 Generic Chemical Name (Important: Complete only if Part I, Section 2.1 is checked "Yes". Generic Name must be structurally descriptive.)

NA

SECTION 2. MIXTURE COMPONENT IDENTITY (Important: DO NOT complete this section if you completed Section 1.)

2.1 Generic Chemical Name Provided by Supplier (Important: Maximum of 70 characters, including numbers, spaces, and punctuation.)

NA

*See the TRI Reporting Forms and Instructions Manual for the TRI-listed Dioxin and Dioxin-like Compounds

In addition to the information on this page, you can print or download other important information related to this submission for your records. After this submission has been certified, return to the "Reporting Summary" page, select this submission, and click **Recordkeeping**.

Transaction ID: _197ccd5f-b061-42c5-9cfa-c663de5e1e09

USEPA Submission

Status: Certified and Sent to USEPA
Transmitted by: Justin Furman justin.furman@erm.com
Transmission date: 06/29/2015
Certified by: Alison Kraus alison.kraus@pseg.com
Certification date/time: 06/29/2015 04:01 PM

State/Tribe Submission

State/Tribe: New Jersey
TDX Participant?: Yes: USEPA will automatically forward to or make available via download for your state or tribe agency (listed below) a copy of your electronic CDX submission, once your submission has been certified.
State/Tribe Office: the Department of Environmental Protection

Certifying Official(s) Notified

Primary Certifier: Alison Kraus alison.kraus@pseg.com
Alternate Certifier: No Alternate Certifier Identified

Facility Information

TRIFID: 08038NCLRBENDOF
Name: SALEM & HOPE CREEK GENERATING STATIONS
Address: END OF ALLOWAY CREEK NECK RD
HANCOCKS BRIDGE, NJ 08038

Forms Transmitted

CAS No.	Chemical Name	Year	Form	Revision?
000302012	<u>Hydrazine</u>	2014	Form A	No

Attachment 2
Verification Completion Form
Page 1 of 1

Verification Documentation

Correspondence/Letter number: LR-E15-0072 Origination Date: 7/22/2015

Agency/External Stakeholder: NJDEP- Pollution Prevention Submittal Due Date: 7/30/2015

Recipient of Correspondence: Mr. Michael DiGiore
(name and title if known)

Purpose: Letter of Notification in change of Pollution Prevention Plan Reporting Status

Originating Office: ☐ Salem ☐ Hope Creek ☒ PSEG Nuclear Corporate

Preparer: Cheryl Drach
(print)

Cheryl Drach 7/22/2015
(sign) (date)

Peer Reviewer: Luis Cataldo
(print)

Luis Cataldo 7/22/15
(sign) (date)

Certified Mail Return Receipt Requested: ☒ Yes ☐ No

Approvals (check box if applicable)

	Applicable	Date Review Needed	Signature of Reviewer	Date of Review
Site Departments				
Nuclear Environmental Affairs (H. Gregory)	<input checked="" type="checkbox"/>		<u>Helen Gregory</u>	<u>7/23/15</u>
Chemistry	<input type="checkbox"/>			
Operations	<input type="checkbox"/>			
Engineering	<input type="checkbox"/>			
Regulatory Assurance	<input type="checkbox"/>			
Corporate				
CFAM-	<input type="checkbox"/>			
Site Management				
Salem Site Vice President	<input type="checkbox"/>			
Hope Creek Site Vice President	<input type="checkbox"/>			
Other:	<input type="checkbox"/>		<input type="checkbox"/> Report Signed and Approved	
Other:	<input type="checkbox"/>			

JAN 29 2016



LR-E16-0012

USEPA, Region II
Air Compliance Branch
290 Broadway
New York, New York 10007 - 1866
CERTIFIED MAIL 7012 1640 0000 4240 3848

Re: PSEG Nuclear LLC- 2015 Annual Certification Report
Permit Activity Number: BOP130001 and BOP140002 through BOP140008
Program Interest Number: 65500

Dear Sir/Madam:

Enclosed please find a copy of the Annual Title V Compliance Certification for PSEG Nuclear LLC ("PSEG Nuclear") covering the period of January 1, 2015 through December 31, 2015. The Annual Compliance Certification was prepared and submitted using the New Jersey Department of Environmental Protection's electronic submittal forms and process. In addition, PSEG Nuclear is submitting this report within 30 days following the end of the calendar year in order to also qualify the report as the 6-month Deviation Report, as required by N.J.A.C. 7:27-22.19(d) 3.

If you have any questions, please do not hesitate to contact Luis Cataldo at (856) 339-2678.

Sincerely,

A handwritten signature in cursive script that reads "Helen L. Gregory".

Helen L. Gregory
Environmental Compliance Manager - Nuclear

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Version: 5.3

65500

Currently logged in: robert braun (NUR4B) PSEG NUCLEAR LLC HOPE CRK & SALEM GEN STA

[Help](#) | [Logout](#)**SUBMISSION CONFIRMATION**[Printer Friendly Version](#)[1 - Instructions](#)[2 - Submission Name](#)[3 - Facility Selection](#)[4 - Contacts](#)[5 - Spreadsheet
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Confirmation](#)

The following was successfully submitted:

Submission:

570249:2015 Annual Certification

Your application has been submitted. We will contact you if further information is needed.

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You may click on a previously visited page (above) to navigate back to that screen.



State of New Jersey
Department of Environmental Protection

Compliance Certification Report

Validate Spreadsheet

Lock Spreadsheet for Submission

Section I - Facility Information

1) Facility Name: PSEG Nuclear LLC

2) Program Interest Number (5-Digit): 65500

The permittee shall submit to the Department and to the EPA, a periodic compliance certification, in accordance with N.J.A.C. 7:27-22.19(f) and the schedule for submittal of compliance certifications set forth in the compliance plan of your operating permit. The annual compliance certification is due to the Department and the EPA within 60 days of the expiration of each 1-year anniversary of the Initial Operating Permit Approval Date, unless otherwise specified in your approved operating permit.

3) Submittal Type: Combined (Choose from List)

4) Is this a revision of an already submitted report? No (Choose from List)

5) Reporting Year: 2015

6) This report is due: 01/30/2016
(MM/DD/YYYY)

and covers the reporting period from: 01/01/2015 to: 12/31/2015
(MM/DD/YYYY) (MM/DD/YYYY)

7) The methods used to determine the compliance status for each permit limitation are, at a minimum, as specified in the approved operating permit.

Section II - Compliance Certification Statement

Compliance Status for the Reporting Period:

- ☒ a. Pursuant to N.J.A.C. 7:27-22.19(f)1.i, I hereby state that this facility is currently in compliance with all applicable requirements as indicated in the facility specific requirements of my operating permit and has been in continuous compliance for the time period listed in Section I.3 above.
- ☐ b. Pursuant to N.J.A.C. 7:27-22.19(f)1.i, I hereby state that this facility is currently in compliance with all applicable requirements as indicated in the facility specific requirements of operating permit but had periods of non-compliance during the time period listed in Section I.3 above which are listed in the Deviation Summary tab.
- ☐ c. Pursuant to N.J.A.C. 7:27-22.19(f)1.ii, I hereby state that this facility is in compliance with all applicable requirements as indicated in the facility specific requirements of my operating permit for the time period listed in Section I.3 above except those applicable requirements listed in the compliance schedule, included in my operating permit pursuant to N.J.A.C. 7:27-22.9(c)7, which includes a sequence of actions with milestones leading to compliance with the applicable requirement.
- ☐ d. Pursuant to N.J.A.C. 7:27-22.19(f)1.iii, I hereby state that this facility is in compliance with all applicable requirements for the time period listed in Section I.3 above as indicated in the facility specific requirements of my operating permit, except for those applicable requirements included in an order or consent decree not incorporated into a compliance schedule.
- ☐ e. Pursuant to N.J.A.C. 7:27-22.19(f)1.iv, I hereby state that this facility is currently not in compliance with at least one applicable requirement in the facility specific requirements of my operating permit, which are listed in the Deviation Summary tab.
- ☐ f. None of the above. This is a semi-annual report.



State of New Jersey
Department of Environmental
Protection

Section IIIa - Summary of Facility and Emission Unit Compliance Status

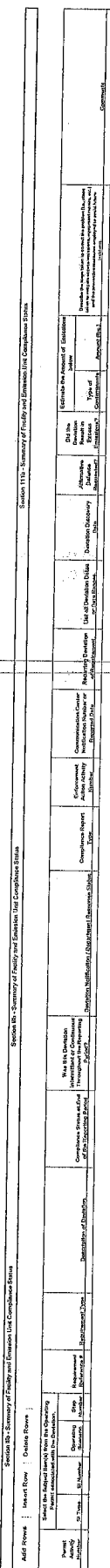
Add Rows

Insert Row

Delete Rows

Set All Yes/No

Permit Activity ID	<i>Each unit includes ALL Operating Scenarios (OS), Steps (ST), Control Devices (CD), Emission Point (PT), Group (GR) and Equipment (E) listed under that UNIT or BP</i> Emission Unit/Batch Process	Continuous Compliance Throughout the Reporting Period
BOP130001	FC	Yes
BOP130001	U1	Yes
BOP130001	U11	Yes
BOP130001	U19	Yes
BOP130001	U22	Yes
BOP130001	U24	Yes
BOP130001	U33	Yes
BOP130001	U34	Yes
BOP130001	U35	Yes
BOP130001	U36	Yes
BOP130001	U37	Yes
BOP130001	U39	Yes
BOP130001	U40	Yes
BOP130001	U41	Yes
BOP130001	U42	Yes
BOP130001	U43	Yes
BOP130001	U44	Yes
BOP130001	U45	Yes
BOP130001	U46	Yes
BOP130001	U47	Yes
BOP130001	U49	Yes
BOP130001	U55	Yes
BOP130001	U56	Yes
BOP130001	U57	Yes
BOP130001	U58	Yes
BOP130001	U60	Yes
BOP130001	U70	Yes
BOP130001	U71	Yes
BOP130001	U72	Yes
BOP130001	U73	Yes
BOP130001	U74	Yes
BOP130001	U75	Yes
BOP130001	U120	Yes
BOP130001	U130	Yes
BOP130001	U140	Yes
BOP130001	U141	Yes
BOP140006	U185	Yes
BOP140002	U186	Yes
BOP140003	U187	Yes
BOP140004	U188	Yes
BOP140007	U189	Yes
BOP140008	U190	Yes
BOP140005	U191	Yes
BOP130001	FG3	Yes
BOP130001	FG7	Yes
BOP130001	IS1	Yes
BOP130001	IS2	Yes
BOP130001	IS4	Yes
BOP130001	IS5	Yes
BOP130001	IS6	Yes
BOP130001	IS16	Yes
BOP130001	IS100	Yes
BOP130001	IS102	Yes
BOP130001	IS103	Yes
BOP130001	IS104	Yes
BOP130001	IS105	Yes
BOP130001	IS106	Yes
BOP130001	IS107	Yes
BOP130001	IS108	Yes
BOP130001	IS109	Yes
BOP130001	IS110	Yes
BOP130001	IS111	Yes



Attachment 2
Verification Completion Form
Page 1 of 1

Verification Documentation

Correspondence/Letter number: LR-E16-0012 Origination Date: 01/25/2016

Agency/External Stakeholder: EPA – Region II Submittal Due Date: 01/30/2016

Recipient of Correspondence: _____
(name and title if known)

Purpose of Submittal: Title V 2015 Annual Certification Report

Originating Office: ☒ Salem ☒ Hope Creek ☐ PSEG Nuclear Corporate

Preparer: ERM via e-mail 1/25/2016
(print) (sign) (date)

Peer Reviewer: Luis Cataldo [Signature] 1/25/2016
(print) (sign) (date)

Certified Mail Return Receipt Requested: ☒ Yes ☐ No

Approvals (check-box if applicable)

	Applicable	Date Review Needed	Signature of Reviewer	Date of Review
Site Departments				
Environmental Compliance Manager	<input checked="" type="checkbox"/>		<u>[Signature]</u>	<u>1/26/16</u>
Operations	<input type="checkbox"/>			
Engineering	<input type="checkbox"/>			
Regulatory Assurance	<input type="checkbox"/>			
Corporate				
President & CNO Nuclear – R. Braun	<input checked="" type="checkbox"/>		<u>[Signature]</u>	<u>1/28/16</u>
Site Management				
Salem Plant Manager –	<input checked="" type="checkbox"/>		<u>Ken Grover</u> <u>[Signature]</u>	<u>1/26/16</u>
Salem Vice President – J. Perry	<input checked="" type="checkbox"/>		<u>John F. Perry</u> <u>[Signature]</u>	<u>1-29-16</u>
HC Plant Manager –	<input checked="" type="checkbox"/>		<u>[Signature]</u>	<u>1/28/16</u>
HC Vice President – P. Davison	<input checked="" type="checkbox"/>		<u>Paul Davison</u>	<u>1/28/16</u>
Other	<input type="checkbox"/>		<input type="checkbox"/> Report Signed and Approved	

Attach additional page for comments.



JUN 30 2016

LR-E16-0076

Certified Mail, Return Receipt Required
Article Number: 7012 1640 0000 4240 3886

Ms. Laura Henne
NJ Department of Environmental Protection
Office of Pollution Prevention and Right to Know
401 east State Street, 4th. Floor East Wing
PO Box 420
Trenton, NJ 08625-0420

RE: PSEG Nuclear, LLC
2015 Release and Pollution Prevention Report
Facility ID # 00585211041

Dear Ms. Henne:

Per telecon on June 17, 2016 [L. Cataldo-PSEG/L. Henne-NJDEP], the purpose of this letter is to notify you that our facility, PSEG Nuclear LLC, will no longer be sending the annual Release and Pollution Prevention Report to your office.

PSEG Nuclear has discontinued submitting the TRI report to EPA since we no longer have any qualified equipment generating electricity for commerce in operation. This is also in accordance with both the EPA guidance document and the EEI TRI Guidance for Electric Utilities. Specifically, *"When a nuclear power plant generates electricity to test emergency generating systems, the plant may unavoidably generate electricity that is sent out onto the grid and distributed in commerce. EPA has taken the position that the **intention** with which energy is generated determines whether an electric power plant facility is covered by EPCRA Section 313. Therefore, if electricity generated from the combustion of coal or oil solely for the purpose of testing a nuclear power plant backup generator is unintentionally distributed in commerce, the activity does not cause the facility to be covered by the EPCRA Section 313 requirements".* (EEI TRI Guidance for Electric Utilities January 2000, as updated in 2002 & 2005; page 20).

Should you have any questions or require further information, please do not hesitate to contact Luis Cataldo at (856) 339-2678.

Sincerely,

A handwritten signature in cursive script, appearing to read "Helen Gregory".

Helen Gregory
Environmental Compliance Manager – Nuclear

cc. Records Management

Attachment 2
Verification Completion Form
Page 1 of 1

Verification Documentation


Correspondence/Letter number: LR-E16-0076 Origination Date: 06/29/2016

Agency/External Stakeholder: NJDEP Submittal Due Date: 06/30/2016

Recipient of Correspondence: Ms. Laura Henne (Office of Pollution Prevention & RTK)
(name and title if known)

Purpose of Submittal: Notification of Exemption from RPPR Reporting

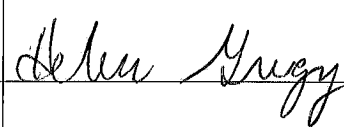
Originating Office: ☒ Salem ☒ Hope Creek ☐ PSEG Nuclear Corporate

Preparer: Luis Cataldo (print)  (sign) 6/29/2016 (date)

Peer Reviewer: Michael Pego (print)  (sign) 6/30/16 (date)

Certified Mail Return Receipt Requested: ☒ Yes ☐ No

Approvals (check box if applicable)

	Applicable	Date Review Needed	Signature of Reviewer	Date of Review
Site Departments				
Environmental Compliance Manager	<input checked="" type="checkbox"/>			<u>6/30/16</u>
Operations	<input type="checkbox"/>			
Engineering	<input type="checkbox"/>			
Regulatory Assurance	<input type="checkbox"/>			
Corporate				
CNO Nuclear –R. Braun				
Site Management				
Salem Plant Manager –				
Salem Vice President – J. Perry				
HC Plant Manager –				
HC Vice President – P. Davison				
Other	<input type="checkbox"/>		<input type="checkbox"/> Report Signed and Approved	

Attach additional page for comments.



JUL 18 2016

LR-E16-0088

Certified Mail, Return Receipt Requested
Article Number: 7011 3500 0000 5084 9766

Ms. Mary Toogood
New Jersey Department of Environmental Protection
Manager - Bureau of Air Compliance & Enforcement
Southern Regional Office
2 Riverside Drive, Suite 201
Camden, NJ 08103

**RE: PSEG Nuclear LLC
Salem and Hope Creek Generating Stations
PI Number: 65500
U75 (E175/E176) Temporary Emergency Boilers On site Arrival
Notification**

Dear Ms. Toogood:

In accordance with the requirements of the Salem and Hope Creek Generating Stations' Title V Operating Permit BOP140008, U75 Temporary Emergency Boilers (E175/E176), OS Summary, reference # 13, PSEG Nuclear is notifying the Department of the arrival of one (1) 30.88 MMBTU/hr Maximum Gross Heat Input Rental Boiler. The boiler was brought onsite on July 15, 2016.

Should you have any questions or require further information, please do not hesitate to contact Luis Cataldo at (856) 339-2678 or Luis.Cataldo@pseg.com

Sincerely,

A handwritten signature in cursive script, appearing to read "Helen Gregory".

Helen Gregory
Environmental Compliance Manager - Nuclear

cc:

USEPA, Region II
Air Compliance Branch
290 Broadway
New York, New York 10007-1866
Certified Mail, Return Receipt Requested
Article Number: 7013 2630 0000 0536 3393

Attachment 2
Verification Completion Form
Page 1 of 1

Verification Documentation

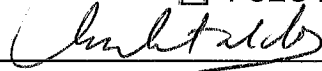
Correspondence/Letter number: LR-E16-0088 Origination Date: 07/18/2016

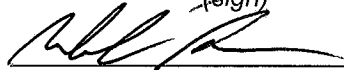
Agency/External Stakeholder: NJDEP Submittal Due Date: 07/18/2016

Recipient of Correspondence: SRD
(name and title if known)

Purpose of Submittal: Notification of Arrival of Temporary Boiler (U75)

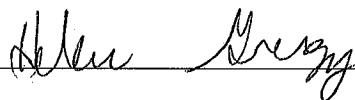
Originating Office: ☒ Salem Hope Creek ☐ PSEG Nuclear Corporate

Preparer: Luis Cataldo (print)  (sign) 7/18/2016 (date)

Peer Reviewer: Michael Perry (print)  (sign) 7/18/16 (date)

Certified Mail Return Receipt Requested: ☒ Yes ☐ No

Approvals (check box if applicable)

	Applicable	Date Review Needed	Signature of Reviewer	Date of Review
Site Departments				
Environmental Compliance Manager	<input checked="" type="checkbox"/>			<u>7/18/16</u>
Operations	<input type="checkbox"/>			
Engineering	<input type="checkbox"/>			
Regulatory Assurance	<input type="checkbox"/>			
Corporate				
President & CNO – Peter Sena				
Site Management				
Salem Plant Manager –				
Salem Vice President – J. Perry				
HC Plant Manager –				
HC Vice President – P. Davison				
Other	<input type="checkbox"/>		<input type="checkbox"/> Report Signed and Approved	

Attach additional page for comments. Sent with copy to EPA (7013 2630 0000 0536 3393)



JUL 28 2016

LR-E16-0095

Certified Mail/Return Receipt Requested
ARTICLE NUMBER: 7013 2630 0000 0536 3409

US EPA, Region 2
Environmental Protection Agency
290 Broadway
New York, NY 10007-1866

Re: PSEG Nuclear LLC Title V Six-Month Deviation Report (January – June 2016)
Permit Activity Number: BOP130001 and General Permits BOP 140002 through
BOP 140008.
Program Interest Number: 65500

To the Administrator:

PSEG Nuclear LLC ("PSEG Nuclear") submitted the enclosed Title V Six-Month Deviation Report for the period January 1, 2016 through June 30, 2016 electronically to the New Jersey Department of Environmental Protection (NJDEP). Compliance determination was based on BOP 130001 and General Permits BOP 140002 through BOP 140008. PSEG Nuclear had no deviations during this reporting period.

If you have any questions, please do not hesitate to contact me at (856) 339-2678.

Sincerely,

A handwritten signature in black ink, appearing to read "Luis Cataldo".

Luis Cataldo
Sr. Environmental Specialist - Nuclear

Enclosures

cc: NJ DEP – Compliance & Enforcement

SI-SSA-0012-0194



State of New Jersey
Department of Environmental Protection
Compliance Certification Report

Validate Spreadsheet

Lock Spreadsheet for Submission

PSEG Nuclear LLC
P.O. Box 236, Hancocks Bridge, NJ 08038-0236

bcc: DCRMS

SI-SSA-0012-0196

Section I - Facility Information

1) Facility Name: PSEG Nuclear LLC

2) Program Interest Number (5-Digit): 65500

The permittee shall submit to the Department and to the EPA, a periodic compliance certification, in accordance with N.J.A.C. 7:27-22.19(f) and the schedule for submittal of compliance certifications set forth in the compliance plan of your operating permit. The annual compliance certification is due to the Department and the EPA within 60 days of the expiration of each 1-year anniversary of the Initial Operating Permit Approval Date, unless otherwise specified in your approved operating permit.

3) Submittal Type: First Semi-Annual Report (Choose from List)

4) Is this a revision of an already submitted report? No (Choose from List)

5) Reporting Year: 2016

6) This report is due: 07/30/2016
(MM/DD/YYYY)

and covers the reporting period from: 01/01/2016 to: 06/30/2016
(MM/DD/YYYY) (MM/DD/YYYY)

7) The methods used to determine the compliance status for each permit limitation are, at a minimum, as specified in the approved operating permit.

Section II - Compliance Certification Statement

Compliance Status for the Reporting Period:

- ☒ a. Pursuant to N.J.A.C. 7:27-22.19(f)1.i, I hereby state that this facility is currently in compliance with all applicable requirements as indicated in the facility specific requirements of my operating permit and has been in continuous compliance for the time period listed in Section I.3 above.
- ☐ b. Pursuant to N.J.A.C. 7:27-22.19(f)1.i, I hereby state that this facility is currently in compliance with all applicable requirements as indicated in the facility specific requirements of operating permit but had periods of non-compliance during the time period listed in Section I.3 above which are listed in the Deviation Summary tab.
- ☐ c. Pursuant to N.J.A.C. 7:27-22.19(f)1.ii, I hereby state that this facility is in compliance with all applicable requirements as indicated in the facility specific requirements of my operating permit for the time period listed in Section I.3 above except those applicable requirements listed in the compliance schedule, included in my operating permit pursuant to N.J.A.C. 7:27-22.9(c)7, which includes a sequence of actions with milestones leading to compliance with the applicable requirement.
- ☐ d. Pursuant to N.J.A.C. 7:27-22.19(f)1.iii, I hereby state that this facility is in compliance with all applicable requirements for the time period listed in Section I.3 above as indicated in the facility specific requirements of my operating permit, except for those applicable requirements included in an order or consent decree not incorporated into a compliance schedule.
- ☐ e. Pursuant to N.J.A.C. 7:27-22.19(f)1.iv, I hereby state that this facility is currently not in compliance with at least one applicable requirement in the facility specific requirements of my operating permit, which are listed in the Deviation Summary tab.
- ☒ f. None of the above. This is a semi-annual report.



State of New Jersey
Department of Environmental
Protection

Section IIIa - Summary of Facility and Emission Unit Compliance Status

Add Rows

Insert Row

Delete Rows

Set All Yes/No








Permit Activity ID	Each unit includes ALL Operating Scenarios (OS), Steps (ST), Control Devices (CD), Emission Point (PT), Group (GR) and Equipment (E) listed under that UNIT or BP Emission Unit/Batch Process	Continuous Compliance Throughout the Reporting Period
BOP130001	FC	Yes
BOP130001	U1	Yes
BOP130001	U11	Yes
BOP130001	U19	Yes
BOP130001	U22	Yes
BOP130001	U24	Yes
BOP130001	U33	Yes
BOP130001	U34	Yes
BOP130001	U35	Yes
BOP130001	U36	Yes
BOP130001	U37	Yes
BOP130001	U39	Yes
BOP130001	U40	Yes
BOP130001	U41	Yes
BOP130001	U42	Yes
BOP130001	U43	Yes
BOP130001	U44	Yes
BOP130001	U45	Yes
BOP130001	U46	Yes
BOP130001	U47	Yes
BOP130001	U49	Yes
BOP130001	U55	Yes
BOP130001	U56	Yes
BOP130001	U57	Yes
BOP130001	U58	Yes
BOP130001	U60	Yes
BOP130001	U70	Yes
BOP130001	U71	Yes
BOP130001	U72	Yes
BOP130001	U73	Yes
BOP130001	U74	Yes
BOP130001	U75	Yes
BOP130001	U120	Yes
BOP130001	U130	Yes
BOP130001	U140	Yes
BOP130001	U141	Yes
BOP140006	U185	Yes
BOP140002	U186	Yes
BOP140003	U187	Yes
BOP140004	U188	Yes
BOP140007	U189	Yes
BOP140008	U190	Yes
BOP140005	U191	Yes
BOP130001	FG3	Yes
BOP130001	FG7	Yes
BOP130001	IS1	Yes
BOP130001	IS2	Yes
BOP130001	IS4	Yes
BOP130001	IS5	Yes
BOP130001	IS6	Yes
BOP130001	IS16	Yes
BOP130001	IS100	Yes
BOP130001	IS102	Yes
BOP130001	IS103	Yes
BOP130001	IS104	Yes
BOP130001	IS105	Yes
BOP130001	IS106	Yes
BOP130001	IS107	Yes
BOP130001	IS108	Yes
BOP130001	IS109	Yes
BOP130001	IS110	Yes
BOP130001	IS111	Yes

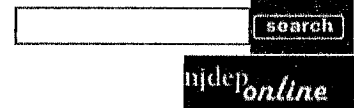


Section 143 - Supervisory and Certification Unit, Commission Status

Section 4b - Summary of Facility and Emission Unit Compliance Status

Southern 14th - Summary of Facility and Emission Unit Compliance Status

Section 1: Personal Information									
Full Name	Date of Birth	Gender	Marital Status	Current Address	Phone Number	Email Address	Emergency Contact	Signature	Date
John Doe	1985-03-15	Male	Married	123 Main St, Anytown, USA	(555) 123-4567	john.doe@example.com	John Doe (555) 123-4567		2023-10-27
Section 2: Employment History									
Employer Name	Start Date	End Date	Position Title	Job Description	Reason for Leaving	Contact Information	Reference	Signature	Date
ABC Company	2018-01-01	2021-12-31	Software Engineer	Developed and maintained web applications.	Seeking new challenges.	John Smith (555) 987-6543	John Smith		2023-10-27
Section 3: Education									
Institution Name	Degree Program	Start Date	End Date	Grade/Score	Relevant Coursework	Thesis/Dissertation	Advisor	Signature	Date
XYZ University	Bachelor of Science in Computer Science	2010-09-01	2014-05-31	3.8 GPA	Algorithms, Data Structures, Operating Systems	Design and Analysis of Algorithms	Prof. Dr. Jane Doe		2023-10-27
Section 4: Skills and Certifications									
Skill Category	Skill Name	Proficiency Level	Certification Name	Issued Date	Expiration Date	Issued By	Signature	Date	
Programming	Python	Advanced	Python Institute Certified Professional	2022-06-01	2025-06-01	Python Institute		2023-10-27	
Programming	JavaScript	Intermediate	JavaScript Fundamentals Certificate	2021-11-15	2024-11-15	FreeCodeCamp		2023-10-27	
Programming	SQL	Beginner	SQL Fundamentals Certificate	2020-08-01	2023-08-01	Udacity		2023-10-27	
Section 5: References									
Reference Name	Relationship	Contact Information	Signature	Date					
John Doe	Self	(555) 123-4567		2023-10-27					

[Skip Navigation](#)[njdep home](#) | [about dep](#) | [index by topic](#) | [programs/units](#) | [dep online](#)[My Workspace](#)[User Profile](#)[Certifications](#)[Payments](#)[Documents and Forms](#)[Permit Folder](#)

Version: 5.5

65500

Currently logged in: Peter Sena III (A00123236)PSEG NUCLEAR LLC HOPE CRK & SALEM GEN STAHelp | Logout

SUBMISSION CONFIRMATION[Printer Friendly Version](#)

1 - Instructions

2 - Submission Name

3 - Facility Selection

4 - Contacts

5 - Spreadsheet
Upload6 - Upload
Confirmation7 - Attachment
Upload

8 - Certification

9 - Submission
Confirmation

The following was successfully submitted:

Submission:
Report

614197:65500 Semi-Annual Deviation

Your application has been submitted. We will contact you if further information is needed.

[Return to Workspace](#)**Please Note**

You may click on a previously visited page (above) to navigate back to that screen.

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statewide: [njhome](#) | [citizen](#) | [business](#) | [government](#) | [services A to Z](#) | [departments](#) | [search](#)Copyright © State of New Jersey, 1996-2004
Department of Environmental Protection
P. O. Box 402
Trenton, NJ 08625-0402

Last Updated: June 24, 2004

New Jersey Department Of Environmental Protection Certification Form

Company Name PSEG Nuclear LLC Facility ID 65500

1. **Responsible Official** – This first tier of this certification is to be signed by a Responsible Official as defined in N.J.A.C. 7:27-1.

"I certify under penalty of law that I have personally examined and am familiar with the information submitted in the attached document and, based on my inquiry of those officials immediately responsible for obtaining the information, I believe that the submitted information is true, accurate and complete. I certify that, based on my inquiry of those officials immediately responsible for obtaining the information, I believe that any estimates are the result of good faith application of sound professional judgement, using techniques, factors, or standards approved by the Department or EPA, or generally accepted in the trade. I am aware that there are significant civil and criminal penalties, including fines or imprisonment or both, for submitting false, inaccurate or incomplete information."

Name (type or print) Mr. Peter Sena Title PSEG Nuclear President & Chief Nuclear Officer

Signature  Date 7/27/16

2. **Individuals with direct knowledge** – This second tier of certification is to be signed by the individual or individuals with direct knowledge and/or responsibility for the information contained in the attached spreadsheet. Please use a copy of this form if you need to have this certified by more than two individuals.

"I certify under penalty of law that I believe the information provided in this document is true, accurate, and complete. For those portions of the document that are based on estimates, those estimates are the result of good faith application of sound professional judgement, using techniques, factors, or standards approved by the Department or EPA, or generally accepted in the trade. I am aware that there are significant civil and criminal penalties, including fines or imprisonment or both, for submitting false, inaccurate or incomplete information."

Name (type or print) Mr. Luis Cataldo Title Sr Environmental Specialist - Nuclear

Signature  Date 7/27/16

"I certify under penalty of law that I believe the information provided in this document is true, accurate, and complete. For those portions of the document that are based on estimates, those estimates are the result of good faith application of sound professional judgement, using techniques, factors, or standards approved by the Department or EPA, or generally accepted in the trade. I am aware that there are significant civil and criminal penalties, including fines or imprisonment or both, for submitting false, inaccurate or incomplete information."

Name (type or print) _____ Title _____

Signature _____ Date _____

Attachment 2
Verification Completion Form
Page 1 of 1

Verification Documentation

Correspondence/Letter number: LR-E16-0095 Origination Date: 7/25/2016

Agency/External Stakeholder: EPA Submittal Due Date: 07/29/2016

Recipient of Correspondence: ADMINISTRATOR -
(name and title if known)

Purpose of Submittal: Copy Of the NJDEP Title V Six Month Deviation Report

Originating Office: ☐ Salem ☐ Hope Creek ☒ PSEG Nuclear Corporate

Preparer: Luis Cataldo (print) [Signature] (sign) 07/25/2016 (date)

Peer Reviewer: L.C. Delacruz (print) [Signature] (sign) 7/27/16 (date)

Certified Mail Return Receipt Requested: ☐ Yes ☒ No

Approvals (check box if applicable)

	Applicable	Date Review Needed	Signature of Reviewer	Date of Review
Site Departments				
Environmental Compliance Manager	<input checked="" type="checkbox"/>	7-27-16	<u>[Signature]</u> FOR HLG	7-27-16
Operations	<input type="checkbox"/>			
Engineering	<input type="checkbox"/>			
Regulatory Assurance	<input type="checkbox"/>			
Corporate				
President & CNO PSEG Nuclear	<input checked="" type="checkbox"/>		<u>[Signature]</u>	7/27/16
Site Management				
Salem Plant Manager –	<input checked="" type="checkbox"/>	7-27-16	<u>John F. Penny / for Ken Graver</u>	
Salem Vice President –	<input checked="" type="checkbox"/>	7-27-16	<u>John F. Penny</u>	
HC Plant Manager –	<input checked="" type="checkbox"/>	7-27-16	<u>[Signature]</u> ASUCLE	
HC Vice President	<input checked="" type="checkbox"/>	7/27/16	<u>Paul Davison / Paul Davison</u>	
Other	<input type="checkbox"/>		<input type="checkbox"/> Report Signed and Approved	

Attach additional page for comments.



JAN 3 0 2017

LR-E17-0009

Certified Mail
Return Receipt Requested
Article Number: 7013 2630 0000 0536 4024

USEPA, Region II
Air Compliance Branch
290 Broadway
New York, New York 10007 - 1866

Re: PSEG Nuclear LLC- 2016 Annual Certification Report
Permit Activity Number: BOP160001
Program Interest Number: 65500

Dear Sir/Madam:

Enclosed please find a copy of the Annual Title V Compliance Certification for PSEG Nuclear LLC ("PSEG Nuclear") covering the period of January 1, 2016 through December 31, 2016. The Annual Compliance Certification was prepared and submitted using the New Jersey Department of Environmental Protection's electronic submittal forms and process. In addition, PSEG Nuclear is submitting this report within 30 days following the end of the calendar year in order to also qualify the report as the 6-month Deviation Report, as required by N.J.A.C. 7:27-22.19(d) 3.

If you have any questions, please do not hesitate to contact Luis Cataldo at (856) 339-2678.

Sincerely,

A handwritten signature in cursive script that reads "Helen L. Gregory".

Helen L. Gregory
Environmental Compliance Manager - Nuclear

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Version: 5.7

65500

Currently logged in: Peter Sena III (A00123236)PSEG NUCLEAR LLC HOPE CRK & SALEM GEN STAHelp | Logout

SUBMISSION CONFIRMATION[Printer Friendly Version](#)[1 - Instructions](#)[2 - Submission Name](#)[3 - Facility Selection](#)[4 - Contacts](#)[5 - Spreadsheet Upload](#)[6 - Upload Confirmation](#)[7 - Attachment Upload](#)[8 - Certification](#)[9 - Submission Confirmation](#)

The following was successfully submitted:

Submission:

682139:PSEG Nuclear Title V Annual &

Six-Month Compliance Certification

Your application has been submitted. We will contact you if further information is needed.

[Return to Workspace](#)**Please Note**

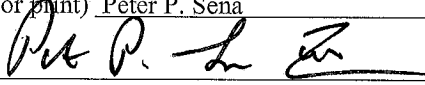
You may click on a previously visited page (above) to navigate back to that screen.

New Jersey Department Of Environmental Protection Certification Form

Company Name PSEG Nuclear LLC Facility ID 65500

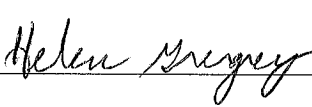
1. **Responsible Official** – This first tier of this certification is to be signed by a Responsible Official as defined in N.J.A.C. 7:27-1.

"I certify under penalty of law that I have personally examined and am familiar with the information submitted in the attached document and, based on my inquiry of those officials immediately responsible for obtaining the information, I believe that the submitted information is true, accurate and complete. I certify that, based on my inquiry of those officials immediately responsible for obtaining the information, I believe that any estimates are the result of good faith application of sound professional judgement, using techniques, factors, or standards approved by the Department or EPA, or generally accepted in the trade. I am aware that there are significant civil and criminal penalties, including fines or imprisonment or both, for submitting false, inaccurate or incomplete information."

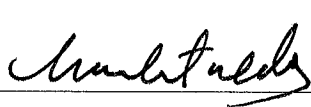
Name (type or print) Peter P. Sena Title PSEG Nuclear President & CNO
Signature  Date 1/24/17

2. **Individuals with direct knowledge** – This second tier of certification is to be signed by the individual or individuals with direct knowledge and/or responsibility for the information contained in the attached spreadsheet. Please use a copy of this form if you need to have this certified by more than two individuals.

"I certify under penalty of law that I believe the information provided in this document is true, accurate, and complete. For those portions of the document that are based on estimates, those estimates are the result of good faith application of sound professional judgement, using techniques, factors, or standards approved by the Department or EPA, or generally accepted in the trade. I am aware that there are significant civil and criminal penalties, including fines or imprisonment or both, for submitting false, inaccurate or incomplete information."

Name (type or print) Helen Gregory Title Environmental Compliance Mgr. - Nuclear
Signature  Date 1/23/17

"I certify under penalty of law that I believe the information provided in this document is true, accurate, and complete. For those portions of the document that are based on estimates, those estimates are the result of good faith application of sound professional judgement, using techniques, factors, or standards approved by the Department or EPA, or generally accepted in the trade. I am aware that there are significant civil and criminal penalties, including fines or imprisonment or both, for submitting false, inaccurate or incomplete information."

Name (type or print) Luis Cataldo Title Sr. Environmental Specialist
Signature  Date 1/23/17



State of New Jersey
Department of Environmental Protection
Compliance Certification Report

Validate Spreadsheet

Lock Spreadsheet for Submission

Section I - Facility Information

1) Facility Name: PSEG Nuclear LLC

2) Program Interest Number (5-Digit): 65500

The permittee shall submit to the Department and to the EPA, a periodic compliance certification, in accordance with N.J.A.C. 7:27-22.19(f) and the schedule for submittal of compliance certifications set forth in the compliance plan of your operating permit. **The annual compliance certification is due to the Department and the EPA within 60 days of the expiration of each 1-year anniversary of the Initial Operating Permit Approval Date, unless otherwise specified in your approved operating permit.**

3) Submittal Type: Combined (Choose from List)

4) Is this a revision of an already submitted report? No (Choose from List)

5) Reporting Year: 2016

6) This report is due: 01/30/2017
(MM/DD/YYYY)

and covers the reporting period from: 01/01/2016 to: 12/31/2016
(MM/DD/YYYY) (MM/DD/YYYY)

7) The methods used to determine the compliance status for each permit limitation are, at a minimum, as specified in the approved operating permit.

Section II - Compliance Certification Statement

Compliance Status for the Reporting Period:

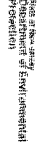
- ☒ a. Pursuant to N.J.A.C. 7:27-22.19(f)1.i, I hereby state that this facility is currently in compliance with all applicable requirements as indicated in the facility specific requirements of my operating permit and has been in continuous compliance for the time period listed in Section I.3 above.
- ☐ b. Pursuant to N.J.A.C. 7:27-22.19(f)1.i, I hereby state that this facility is currently in compliance with all applicable requirements as indicated in the facility specific requirements of operating permit but had periods of non-compliance during the time period listed in Section I.3 above which are listed in the Deviation Summary tab.
- ☐ c. Pursuant to N.J.A.C. 7:27-22.19(f)1.ii, I hereby state that this facility is in compliance with all applicable requirements as indicated in the facility specific requirements of my operating permit for the time period listed in Section I.3 above except those applicable requirements listed in the compliance schedule, included in my operating permit pursuant to N.J.A.C. 7:27-22.9(c)7, which includes a sequence of actions with milestones leading to compliance with the applicable requirement.
- ☐ d. Pursuant to N.J.A.C. 7:27-22.19(f)1.iii, I hereby state that this facility is in compliance with all applicable requirements for the time period listed in Section I.3 above as indicated in the facility specific requirements of my operating permit, except for those applicable requirements included in an order or consent decree not incorporated into a compliance schedule.
- ☐ e. Pursuant to N.J.A.C. 7:27-22.19(f)1.iv, I hereby state that this facility is currently not in compliance with at least one applicable requirement in the facility specific requirements of my operating permit, which are listed in the Deviation Summary tab.
- ☐ f. None of the above. This is a semi-annual report.



State of New Jersey
Department of Environmental
Protection

Section IIIa - Summary of Facility and Emission Unit Compliance Status

Add Rows	Insert Row	Delete Rows	Set All Yes/No
Each unit includes ALL Operating Scenarios (OS), Steps (ST), Control Devices (CD), Emission Point (PT), Group (GR) and Equipment (E) listed under that UNIT or BP			
Permit Activity ID	Emission Unit/Batch Process	Continuous Compliance Throughout the Reporting Period	
BOP160001	FC	Yes	
BOP160001	U1	Yes	
BOP160001	U11	Yes	
BOP160001	U19	Yes	
BOP160001	U22	Yes	
BOP160001	U24	Yes	
BOP160001	U33	Yes	
BOP160001	U34	Yes	
BOP160001	U35	Yes	
BOP160001	U36	Yes	
BOP160001	U37	Yes	
BOP160001	U39	Yes	
BOP160001	U40	Yes	
BOP160001	U41	Yes	
BOP160001	U42	Yes	
BOP160001	U43	Yes	
BOP160001	U44	Yes	
BOP160001	U45	Yes	
BOP160001	U46	Yes	
BOP160001	U47	Yes	
BOP160001	U49	Yes	
BOP160001	U55	Yes	
BOP160001	U56	Yes	
BOP160001	U57	Yes	
BOP160001	U58	Yes	
BOP160001	U60	Yes	
BOP160001	U70	Yes	
BOP160001	U71	Yes	
BOP160001	U72	Yes	
BOP160001	U73	Yes	
BOP160001	U74	Yes	
BOP160001	U75	Yes	
BOP160001	U120	Yes	
BOP160001	U130	Yes	
BOP160001	U140	Yes	
BOP160001	U141	Yes	
BOP140006	U185	Yes	
BOP140002	U186	Yes	
BOP140003	U187	Yes	
BOP140004	U188	Yes	
BOP140007	U189	Yes	
BOP140008	U190	Yes	
BOP140005	U191	Yes	
BOP160001	FG3	Yes	
BOP160001	FG7	Yes	
BOP160001	IS1	Yes	
BOP160001	IS2	Yes	
BOP160001	IS4	Yes	
BOP160001	IS5	Yes	
BOP160001	IS6	Yes	
BOP160001	IS16	Yes	
BOP160001	IS100	Yes	
BOP160001	IS102	Yes	
BOP160001	IS103	Yes	
BOP160001	IS104	Yes	
BOP160001	IS105	Yes	
BOP160001	IS106	Yes	
BOP160001	IS107	Yes	
BOP160001	IS108	Yes	
BOP160001	IS109	Yes	
BOP160001	IS110	Yes	
BOP160001	IS111	Yes	



Section 11b - Summary of Facility and Process Unit Compliance Status

[illegible]

**Attachment 2
Verification Completion Form
Page 1 of 1**

Verification Documentation

Correspondence/Letter number: LR-E17-0009 Origination Date: 01/23/2017

Agency/External Stakeholder: EPA Submittal Due Date: 01/30/2017

Recipient of Correspondence: Air Compliance Branch
(name and title if known)

Purpose of Submittal: 2016 Annual Title V Compliance Certification Report

Originating Office: ☐ Salem ☐ Hope Creek ☒ PSEG Nuclear Corporate

Preparer: ERM Sent via email 01/23/2017
(print) (sign) (date)

Peer Reviewer: Luis Cataldo [Signature] 1/23/17
(print) (sign) (date)

Certified Mail Return Receipt Requested: ☒ Yes ☐ No

Approvals (check box if applicable)

	Applicable	Date Review Needed	Signature of Reviewer	Date of Review
Site Departments				
Nuclear Environmental Affairs	<input checked="" type="checkbox"/>		<u>[Signature]</u>	<u>1/23/17</u>
Chemistry	<input type="checkbox"/>			
Operations	<input type="checkbox"/>			
Salem Vice President	<input checked="" type="checkbox"/>		<u>[Signature]</u>	<u>1/25/17</u>
HC Vice President –	<input checked="" type="checkbox"/>		<u>[Signature]</u>	<u>1/25/17</u>
Corporate				
President & CNO – Nuclear –	<input checked="" type="checkbox"/>		<u>[Signature]</u>	<u>1/25/17</u>
Site Management				
HC Plant Manager	<input checked="" type="checkbox"/>		<u>[Signature]</u> E. Casanova	<u>1/25/17</u>
Salem Plant Manager	<input checked="" type="checkbox"/>		<u>[Signature]</u> Lee N. Grover	<u>1/25/17</u>
Other:	<input type="checkbox"/>		<input type="checkbox"/> Report Signed and Approved	
Other:	<input type="checkbox"/>			

Note: Submitted electronically to the NJDEP

JUL 27 2017



LR-E17-0075

Certified Mail/Return Receipt Requested
ARTICLE NUMBER: 7013 2630 0000 0536 3454

US EPA, Region 2
Environmental Protection Agency
290 Broadway
New York, NY 10007-1866

Re: PSEG Nuclear LLC Title V Six-Month Deviation Report (January – June 2017)
Permit Activity Number: BOP160001 and General Permits BOP 140002 through
BOP 140008.
Program Interest Number: 65500

To the Administrator:

PSEG Nuclear LLC ("PSEG Nuclear") submitted the enclosed Title V Six-Month Deviation Report for the period January 1, 2017 through June 30, 2017 electronically to the New Jersey Department of Environmental Protection (NJDEP). Compliance determination was based on BOP 160001 and General Permits BOP 140002 through BOP 140008. PSEG Nuclear had no deviations during this reporting period.

If you have any questions, please do not hesitate to contact me at (856) 339-2678.

Sincerely,

A handwritten signature in black ink, appearing to read "Luis Cataldo", written over a horizontal line.

Luis Cataldo
Sr. Environmental Specialist - Nuclear

Enclosures



PSEG Nuclear LLC
P.O. Box 236, Hancocks Bridge, NJ 08038-0236

bcc: DCRMS

SI-SSA-0012-0212

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Version: 5.7 65500

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SERVICE SUMMARY

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Facility Profile

Facility ID: 65500
Facility Name:
PSEG NUCLEAR LLC HOPE CRK & SALEM GEN STA

County: Salem

Facility Location:
ALLOWAY CREEK NCK RD
Hancocks Bridge, NJ 08038

Mailing Address:
PO BOX 236 MC N21
Hancocks Bridge, NJ 08038

Contacts

Name: Luis Cataldo
Title: Sr. Environmental Specialist
Contact Type: Compliance Certification Contact
E-Mail: Luis.Cataldo@pseg.com
Phone: 8563392678 (Work Phone Number)

Specific Registration Information

[Click here to review the uploaded form. \(If the uploaded form does not appear, click on the link to view the form while holding down the CTRL key. Continue holding down the CTRL key until the pop-up appears.\)](#)

Certification

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

Luis Cataldo
Individual With Direct Knowledge

07/25/2017
Date

"I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attached documents and, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate and complete. I am aware that there are significant civil and criminal penalties, including the possibility of fine or imprisonment or both, for submitting false, inaccurate or incomplete information."

Peter Sena III
Responsible Official

07/26/2017
Date

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Department of Environmental Protection
P. O. Box 402
Trenton, NJ 08625-0402

Last Updated: June 24, 2004

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Version: 5.7

65500

Currently logged in: Peter Sena III (A00123236)PSEG NUCLEAR LLC HOPE CRK & SALEM GEN STAHelp | Logout

SUBMISSION CONFIRMATION[Printer Friendly Version](#)

1 - Instructions

2 - Submission Name

3 - Facility Selection

4 - Contacts

5 - Spreadsheet
Upload6 - Upload
Confirmation7 - Attachment
Upload

8 - Certification

9 - Submission
Confirmation

The following was successfully submitted:

Submission:

734955:PSEG Nuclear Title Six-Month

Deviation Certification

Your application has been submitted. We will contact you if further information is needed.

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statewide: [njhome](#) | [citizen](#) | [business](#) | [government](#) | [services A to Z](#) | [departments](#) | [search](#)Copyright © State of New Jersey, 1996-2004
Department of Environmental Protection
P. O. Box 402
Trenton, NJ 08625-0402

Last Updated: June 24, 2004



State of New Jersey
Department of Environmental Protection

Compliance Certification Report

Validate Spreadsheet

Lock Spreadsheet for Submission

Section I - Facility Information1) Facility Name: PSEG Nuclear LLC2) Program Interest Number (5-Digit): 65500

The permittee shall submit to the Department and to the EPA, a periodic compliance certification, in accordance with N.J.A.C. 7:27-22.19(f) and the schedule for submittal of compliance certifications set forth in the compliance plan of your operating permit. The annual compliance certification is due to the Department and the EPA within 60 days of the expiration of each 1-year anniversary of the Initial Operating Permit Approval Date, unless otherwise specified in your approved operating permit.

3) Submittal Type: First Semi-Annual Report (Choose from List)4) Is this a revision of an already submitted report? No (Choose from List)5) Reporting Year: 20176) This report is due: 07/30/2017
(MM/DD/YYYY)and covers the reporting period from: 01/01/2017 to: 06/30/2017
(MM/DD/YYYY) (MM/DD/YYYY)

7) The methods used to determine the compliance status for each permit limitation are, at a minimum, as specified in the approved operating permit.

Section II - Compliance Certification Statement**Compliance Status for the Reporting Period:**

- ☐ a. Pursuant to N.J.A.C. 7:27-22.19(f)1.i, I hereby state that this facility is currently in compliance with all applicable requirements as indicated in the facility specific requirements of my operating permit and has been in continuous compliance for the time period listed in Section I.3 above.
- ☐ b. Pursuant to N.J.A.C. 7:27-22.19(f)1.i, I hereby state that this facility is currently in compliance with all applicable requirements as indicated in the facility specific requirements of operating permit but had periods of non-compliance during the time period listed in Section I.3 above which are listed in the Deviation Summary tab.
- ☐ c. Pursuant to N.J.A.C. 7:27-22.19(f)1.ii, I hereby state that this facility is in compliance with all applicable requirements as indicated in the facility specific requirements of my operating permit for the time period listed in Section I.3 above except those applicable requirements listed in the compliance schedule, included in my operating permit pursuant to N.J.A.C. 7:27-22.9(c)7, which includes a sequence of actions with milestones leading to compliance with the applicable requirement.
- ☐ d. Pursuant to N.J.A.C. 7:27-22.19(f)1.iii, I hereby state that this facility is in compliance with all applicable requirements for the time period listed in Section I.3 above as indicated in the facility specific requirements of my operating permit, except for those applicable requirements included in an order or consent decree not incorporated into a compliance schedule.
- ☐ e. Pursuant to N.J.A.C. 7:27-22.19(f)1.iv, I hereby state that this facility is currently not in compliance with at least one applicable requirement in the facility specific requirements of my operating permit, which are listed in the Deviation Summary tab.
- ☐ f. None of the above. This is a semi-annual report.



State of New Jersey
Department of Environmental
Protection

Section IIIa - Summary of Facility and Emission Unit Compliance Status

Add Rows

Insert Row

Delete Rows

Set All Yes/No

Permit Activity ID	<i>Each unit includes ALL Operating Scenarios (OS), Steps (ST), Control Devices (CD), Emission Point (PT), Group (GR) and Equipment (E) listed under that UNIT or BP</i> Emission Unit/Batch Process	Continuous Compliance Throughout the Reporting Period
BOP160001	FC	Yes
BOP160001	U1	Yes
BOP160001	U11	Yes
BOP160001	U19	Yes
BOP160001	U22	Yes
BOP160001	U24	Yes
BOP160001	U33	Yes
BOP160001	U34	Yes
BOP160001	U35	Yes
BOP160001	U36	Yes
BOP160001	U37	Yes
BOP160001	U39	Yes
BOP160001	U40	Yes
BOP160001	U41	Yes
BOP160001	U42	Yes
BOP160001	U43	Yes
BOP160001	U44	Yes

BOP160001	U45	Yes
BOP160001	U46	Yes
BOP160001	U47	Yes
BOP160001	U49	Yes
BOP160001	U55	Yes
BOP160001	U56	Yes
BOP160001	U57	Yes
BOP160001	U58	Yes
BOP160001	U60	Yes
BOP160001	U70	Yes
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BOP140002	U186	Yes
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BOP140008	U190	Yes
BOP140005	U191	Yes
BOP160001	FG3	Yes
BOP160001	FG7	Yes

BOP160001	IS1	Yes
BOP160001	IS2	Yes
BOP160001	IS4	Yes
BOP160001	IS5	Yes
BOP160001	IS6	Yes
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BOP160001	IS109	Yes
BOP160001	IS110	Yes
BOP160001	IS111	Yes

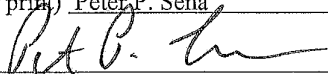
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New Jersey Department Of Environmental Protection Certification Form

Company Name PSEG Nuclear LLC Facility ID 65500

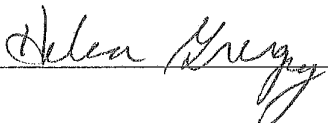
1. **Responsible Official** – This first tier of this certification is to be signed by a Responsible Official as defined in N.J.A.C. 7:27-1.

"I certify under penalty of law that I have personally examined and am familiar with the information submitted in the attached document and, based on my inquiry of those officials immediately responsible for obtaining the information, I believe that the submitted information is true, accurate and complete. I certify that, based on my inquiry of those officials immediately responsible for obtaining the information, I believe that any estimates are the result of good faith application of sound professional judgement, using techniques, factors, or standards approved by the Department or EPA, or generally accepted in the trade. I am aware that there are significant civil and criminal penalties, including fines or imprisonment or both, for submitting false, inaccurate or incomplete information."


Name (type or print) Peter P. Sena Title PSEG Nuclear President & CNO
Signature  Date 7/25/17

2. **Individuals with direct knowledge** – This second tier of certification is to be signed by the individual or individuals with direct knowledge and/or responsibility for the information contained in the attached spreadsheet. Please use a copy of this form if you need to have this certified by more than two individuals.

"I certify under penalty of law that I believe the information provided in this document is true, accurate, and complete. For those portions of the document that are based on estimates, those estimates are the result of good faith application of sound professional judgement, using techniques, factors, or standards approved by the Department or EPA, or generally accepted in the trade. I am aware that there are significant civil and criminal penalties, including fines or imprisonment or both, for submitting false, inaccurate or incomplete information."

Name (type or print) Helen Gregory Title Environmental Compliance Mgr. - Nuclear
Signature  Date 7/25/17

"I certify under penalty of law that I believe the information provided in this document is true, accurate, and complete. For those portions of the document that are based on estimates, those estimates are the result of good faith application of sound professional judgement, using techniques, factors, or standards approved by the Department or EPA, or generally accepted in the trade. I am aware that there are significant civil and criminal penalties, including fines or imprisonment or both, for submitting false, inaccurate or incomplete information."

Name (type or print) Luis Cataldo Title Sr. Environmental Specialist
Signature  Date 7/24/17

Attachment 2
Verification Completion Form
Page 1 of 1

Verification Documentation

Correspondence/Letter number: LR-E17-0075 Origination Date: 7/24/2017

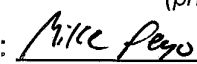

Agency/External Stakeholder: EPA Submittal Due Date: 7/30/2017

Recipient of Correspondence: Administrator
(name and title if known)

Purpose of Submittal: 2017 Copy of the NJDEP Title V Six Month Deviation Report

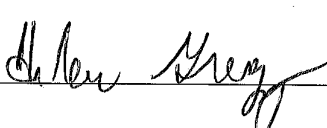
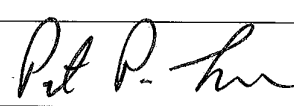
Originating Office: ☐ Salem ☐ Hope Creek ☒ PSEG Nuclear Corporate

Preparer: Luis Cataldo (print)  (sign) 7/24/2017 (date)

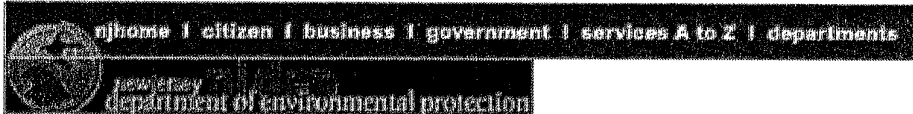
Peer Reviewer:  (print)  (sign) 7/25/17 (date)

Certified Mail Return Receipt Requested: ☒ Yes ☐ No

Approvals (check box if applicable)

	Applicable	Date Review Needed	Signature of Reviewer	Date of Review
Site Departments				
Environmental Compliance Manager H. Gregory	<input checked="" type="checkbox"/>			<u>7/25/17</u>
Operations	<input type="checkbox"/>			
Engineering	<input type="checkbox"/>			
Regulatory Assurance	<input type="checkbox"/>			
Corporate				
President & CNO PSEG Nuclear – P. Sena	<input checked="" type="checkbox"/>			<u>7/25/17</u>
Site Management				
Salem Plant Manager –	<input type="checkbox"/>			
Salem Vice President –	<input type="checkbox"/>			
HC Plant Manager –	<input type="checkbox"/>			
HC Vice President –	<input type="checkbox"/>			
Other	<input type="checkbox"/>			
			<input type="checkbox"/> Report Signed and Approved	

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Version: 5.7

65500

Currently logged in: Luis Cataldo (12171977)PSEG NUCLEAR LLC HOPE CRK & SALEM GEN STA

[Help](#) | [Logout](#)**CERTIFICATION - SINGLE SUBMISSION SUMMARY****734955 - PSEG Nuclear Title Six-Month Deviation Certification**

To certify electronically, please click on the blue ribbon.

Required	Name	Certifier Type	Certifier Status	Notification Status	Certify Electronically	Certify via Paper	Remove Certifier
	Luis Cataldo	Individual With Direct Knowledge	Certified on 07/25/2017	Notifications last sent on 07/25/2017.			
		Responsible Official	Not Certified	Notifications last sent on 07/25/2017.			

Clicking a column title will sort the table by that column.

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Department of Environmental Protection
P. O. Box 402
Trenton, NJ 08625-0402

Last Updated: June 24, 2004



LR-E18-0008

January 29, 2018

Mr. Kenneth Eng
USEPA Region II
Air Compliance Branch
290 Broadway
New York, NY 10007-1866

RE: PSEG Nuclear LLC Hope Creek & Salem Generating Station
Program Interest Number: 65500
N.J.A.C. 7:27-22 Title V Operating Permit Annual Compliance Certification
Reporting Period: January 1, 2017 to December 31, 2017
Article Number: 7015 1730 0001 1594 7230

Dear Mr. Eng:

PSEG Nuclear LLC hereby submits one (1) copy of our Title V Operating Permit Annual Certification Report for the period January 1, 2017 to December 31, 2017. This report is being submitted in compliance with N.J.A.C. 7:27-22.19(c). A copy of this report has been electronically submitted to NJDEP.

Compliance regarding the General Provisions, Facility (FC), Insignificant Sources (IS), and Emission Units (U) for the period January 1, 2017 through December 31, 2017 was determined based on the requirements in Title V Permit BOP160001 approved August 3, 2016.

If you have questions or need additional information, please contact me at (856) 339-1341, or by email at Helen.Gregory@pseg.com.

Sincerely,

A handwritten signature in black ink, appearing to read "H.L. Gregory", written over a horizontal line.

Helen L. Gregory
Nuclear Principal Environmental Specialist

cc: NJDEP Compliance & Enforcement, Southern Division (electronic via NJDEP Online)

Attachments: Title V Annual Compliance Certification Report CY2017

Section I: Facility Information1) Facility Name: PSEG Nuclear LLC2) Program Interest Number (5-Digit): 65500

The permittee shall submit to the Department and to the EPA, a periodic compliance certification, in accordance with N.J.A.C. 7:27-22.19(f) and the schedule for submittal of compliance certifications set forth in the compliance plan of your operating permit. The annual compliance certification is due to the Department and the EPA within 60 days of the expiration of each 1-year anniversary of the Initial Operating Permit Approval Date, unless otherwise specified in your approved operating permit.

3) Submittal Type: Combined (Choose from List)4) Is this a revision of an already submitted report? No (Choose from List)5) Reporting Year: 20176) This report is due: 01/30/2018
(MM/DD/YYYY)and covers the reporting period from: 01/01/2017 to: 12/31/2017
(MM/DD/YYYY) (MM/DD/YYYY)

7) The methods used to determine the compliance status for each permit limitation are, at a minimum, as specified in the approved operating permit.

Section II: Compliance Certification Statement**Compliance Status for the Reporting Period:**

- ☒ a. Pursuant to N.J.A.C. 7:27-22.19(f)1.i, I hereby state that this facility is currently in compliance with all applicable requirements as indicated in the facility specific requirements of my operating permit and has been in continuous compliance for the time period listed in Section I.3 above.
- ☒ b. Pursuant to N.J.A.C. 7:27-22.19(f)1.i, I hereby state that this facility is currently in compliance with all applicable requirements as indicated in the facility specific requirements of operating permit but had periods of non-compliance during the time period listed in Section I.3 above which are listed in the Deviation Summary tab.
- ☒ c. Pursuant to N.J.A.C. 7:27-22.19(f)1.ii, I hereby state that this facility is in compliance with all applicable requirements as indicated in the facility specific requirements of my operating permit for the time period listed in Section I.3 above except those applicable requirements listed in the compliance schedule, included in my operating permit pursuant to N.J.A.C. 7:27-22.9(e)7, which includes a sequence of actions with milestones leading to compliance with the applicable requirement.
- ☒ d. Pursuant to N.J.A.C. 7:27-22.19(f)1.iii, I hereby state that this facility is in compliance with all applicable requirements for the time period listed in Section I.3 above as indicated in the facility specific requirements of my operating permit, except for those applicable requirements included in an order or consent decree not incorporated into a compliance schedule.
- ☒ e. Pursuant to N.J.A.C. 7:27-22.19(f)1.iv, I hereby state that this facility is currently not in compliance with at least one applicable requirement in the facility specific requirements of my operating permit, which are listed in the Deviation Summary tab.
- ☒ f. None of the above. This is a semi-annual report.



State of New Jersey
Department of Environmental
Protection

Section IIIa - Summary of Facility and Emission Unit Compliance Status

Add Rows	Insert Row	Delete Rows	Set All Yes/No
Each unit includes all Operating Steps (OS), Steps (St), Control Devices (CD), Emission Point (EP), Group (Gr) and Equipment (E) listed under that UNF or EP			
Permit/Activity ID	Emission Unit/Process	Continuous Compliance Throughout the Reporting Period	
BOP160001	FC	Yes	
BOP160001	U1	Yes	
BOP160001	U11	Yes	
BOP160001	U19	Yes	
BOP160001	U22	Yes	
BOP160001	U24	Yes	
BOP160001	U33	Yes	
BOP160001	U34	Yes	
BOP160001	U35	Yes	
BOP160001	U36	Yes	
BOP160001	U37	Yes	
BOP160001	U39	Yes	
BOP160001	U40	Yes	
BOP160001	U41	Yes	
BOP160001	U42	Yes	
BOP160001	U43	Yes	
BOP160001	U44	Yes	
BOP160001	U45	Yes	
BOP160001	U46	Yes	
BOP160001	U47	Yes	

BOP160001	U49	Yes
BOP160001	U55	Yes
BOP160001	U56	Yes
BOP160001	U57	Yes
BOP160001	U58	Yes
BOP160001	U60	Yes
BOP160001	U70	Yes
BOP160001	U71	Yes
BOP160001	U72	Yes
BOP160001	U73	Yes
BOP160001	U74	Yes
BOP160001	U75	Yes
BOP160001	U120	Yes
BOP160001	U130	Yes
BOP160001	U140	Yes
BOP160001	U141	Yes
BOP140006	U185	Yes
BOP140002	U186	Yes
BOP140003	U187	Yes
BOP140004	U188	Yes
BOP140007	U189	Yes
BOP140008	U190	Yes
BOP140005	U191	Yes
BOP160001	FG3	Yes
BOP160001	FG7	Yes
BOP160001	IS1	Yes
BOP160001	IS2	Yes
BOP160001	IS4	Yes
BOP160001	IS5	Yes
BOP160001	IS6	Yes
BOP160001	IS16	Yes

BOP160001	IS100	Yes
BOP160001	IS102	Yes
BOP160001	IS103	Yes
BOP160001	IS104	Yes
BOP160001	IS105	Yes
BOP160001	IS106	Yes
BOP160001	IS107	Yes
BOP160001	IS108	Yes
BOP160001	IS109	Yes
BOP160001	IS110	Yes
BOP160001	IS111	Yes

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Version: 6.1

65500

Currently logged in: Peter Sena III (A00123236)PSEG NUCLEAR LLC HOPE CRK & SALEM GEN STA

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Confirmation](#)[7 - Attachment
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Confirmation](#)**Please Note**

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The following was successfully submitted:

Submission:788309:PSEG Nuclear Title V Annual & Six-
Month Compliance Certification

Your application has been submitted. We will contact you if further information is
needed.

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P. O. Box 402
Trenton, NJ 08625-0402

Last Updated: June 24, 2004

**Attachment 2
Verification Completion Form
Page 1 of 1**

Verification Documentation

Correspondence/Letter number: LR-E18-0008 Origination Date: 01/29/18

Agency/External Stakeholder: USEPA Submittal Due Date: 01/30/18

Recipient of Correspondence: Kenneth Eng
(name and title if known)

Purpose of Submittal: 2017 Annual Title V Compliance Certification

Originating Office: ☐ Salem ☐ Hope Creek ☒ PSEG Nuclear Corporate

Preparer: Helen Gregory [Signature] 1/29/2017
(print) (sign) (date)

Peer Reviewer: Tom Adams [Signature] 1/30/2017
(print) (sign) (date)

Certified Mail Return Receipt Requested: ☒ Yes ☐ No

Approvals (check box if applicable)

	Applicable	Date Review Needed	Signature of Reviewer	Date of Review
Site Departments				
Nuclear Environmental Affairs – H. Gregory	<input checked="" type="checkbox"/>	<u>1/30/17</u>	<u>[Signature]</u>	<u>1/30/17</u>
Chemistry	<input type="checkbox"/>			
Operations	<input type="checkbox"/>			
Engineering	<input type="checkbox"/>			
Regulatory Assurance	<input type="checkbox"/>			
Corporate				
CFAM-	<input type="checkbox"/>			
Site Management				
Plant Manager	<input type="checkbox"/>			
Site Vice President	<input type="checkbox"/>			
Other:	<input type="checkbox"/>		<input type="checkbox"/> Report Signed and Approved	
Other:	<input type="checkbox"/>			

Attach additional page for comments.



LR-E18-0019

Dated: 2/16/2018

UPS Ground Shipping
Tracking Number: _____

US EPA, Region II
Response and Prevention Branch
Attn: Michelle Tabayoyong
2890 Woodbridge Avenue, MS-211
Edison, NJ 08837

RE: PSEG Nuclear, LLC
Salem & Hope Creek Generating Station
FRP #0200087
5 year FRP Plan Update

Ms. Tabayoyong:

Enclosed please find for your review and approval, the Facility Response Plan 5 year re-submittal for the Salem and Hope Creek Generating Stations in accordance with 40 CFR 112.20(c)(4).

The enclosed consists of two 3-ring binders containing the site Discharge Prevention and Response Plan (DPRP) updated as of January 2017. This plan not only includes the requirements of the US EPA Facility Response Plan (FRP) as mentioned above, but also includes the requirements of the NJDEP Discharge Prevention, Containment, and Countermeasure / Discharge Cleanup and Removal (DPCC/DCR) Plans, the US EPA Spill Prevention, Control and Countermeasure (SPCC) Plan, the Hazardous Waste Contingency Plan (HWCP), and the Stormwater Pollution Prevention Plan.

This represents the most recent plan submittal with the potential for revisions pending the review and approval of the NJDEP.

Should you have any questions or require further information, please do not hesitate to contact me at (856) 339-1341 or helen.gregory@pseg.com.

Sincerely,

A handwritten signature in cursive script that reads "Helen Gregory".

Helen Gregory
Environmental Compliance Manager- Nuclear

THIS IS NOT HIGHT AND INFORMATION

FRI 16 FEB 2018

EXPECTED DELIVERY DATE:
MON 19 FEB 2018 EOD

SHIP FROM:

TOM ADAMS

PO BOX 236
HAWAII 96702

HANCOCK'S BRIDGE NJ 08038
(856) 339-1715

TRACKING NUMBER: 12R460900306150616

SHIPMENT ID: HQ43BR13UMNE

SHIP REF 1: 6P

SHIP REF 21 - -

SHIP TO: RESPONSE AND PREU
THE END BEGIN IT

US EPH REGION 11
MITCHELL E. TARDYVONG

WILLIAMS INSTITUTE

COJO NOV 28 1965
MS-211

FD-150N (Rev. 11-83) 08837-3659

BUSINESS

DESCRIPTION OF GOODS:
BOOKLET

BOOKLET

SHIPMENT CHARGES:

GROUND COMMERCIAL

SERVICE OPTIONS

CMS PROCESSING FEE

SHIPPED THROUGH:
THE UPS STORE #6891
PENNYSVILLE, NJ 08070
(856) 759-4370

TOTAL	\$14.90
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LR-E18-0081

Certified Mail/Return Receipt Requested
ARTICLE NUMBER: 7013 2630 0000 0536 3454

Date: July 30, 2018

US EPA, Region 2
Environmental Protection Agency
290 Broadway
New York, NY 10007-1866

Re: PSEG Nuclear LLC Title V Six-Month Deviation Report (January – June 2018)
Permit Activity Number: BOP160001 and General Permits BOP 140002 through
BOP 140008.
Program Interest Number: 65500

To the Administrator:

PSEG Nuclear LLC ("PSEG Nuclear") submitted the enclosed Title V Six-Month Deviation Report for the period January 1, 2018 through June 30, 2018 electronically to the New Jersey Department of Environmental Protection (NJDEP). Compliance determination was based on BOP 160001 and General Permits BOP 140002 through BOP 140008. PSEG Nuclear had no deviations during this reporting period.

If you have any questions, please do not hesitate to contact Stephen Reid at (856) 339-2678 or Stephen.reid@pseg.com.

Sincerely,

A handwritten signature in black ink, appearing to read "Helen Gregory", written in a cursive style.

Helen Gregory
Environmental Compliance Manager - Nuclear

Enclosures

bcc: DCRMS

SI-SSA-0012-0234

Section I - Facility Information	
1) Facility Name:	PSEG Nuclear LLC
2) Program Interest Number (S-Digit):	65500
<div>The permittee shall submit to the Department and to the EPA, a periodic compliance certification, in accordance with N.J.A.C. 7:27-22.19(f) and the schedule for submittal of compliance certifications set forth in the compliance plan of your operating permit. The annual compliance certification is due to the Department and the EPA within 60 days of the expiration of each 1-year anniversary of the Initial Operating Permit Approval Date, unless otherwise specified in your approved operating permit.</div>	
3) Submittal Type:	First Semi-Annual Report (Choose from List)
4) Is this a revision of an already submitted report?	No (Choose from List)
5) Reporting Year:	2018
6) This report is due:	07/30/2018 (MM/DD/YYYY)
and covers the reporting period from:	01/01/2018 (MM/DD/YYYY)
	to: 06/30/2018 (MM/DD/YYYY)
7) The methods used to determine the compliance status for each permit limitation are, at a minimum, as specified in the approved operating permit.	
Section II - Compliance Certification Statement	
Compliance Status for the Reporting Period:	
<input checked="" type="checkbox"/>	a. Pursuant to N.J.A.C. 7:27-22.19(f)1.i, I hereby state that this facility is currently in compliance with all applicable requirements as indicated in the facility specific requirements of my operating permit and has been in continuous compliance for the time period listed in Section I.3 above.
<input checked="" type="checkbox"/>	b. Pursuant to N.J.A.C. 7:27-22.19(f)1.i, I hereby state that this facility is currently in compliance with all applicable requirements as indicated in the facility specific requirements of my operating permit but had periods of non-compliance during the time period listed in Section I.3 above which are listed in the Deviation Summary tab.
<input checked="" type="checkbox"/>	c. Pursuant to N.J.A.C. 7:27-22.19(f)1.ii, I hereby state that this facility is in compliance with all applicable requirements as indicated in the facility specific requirements of my operating permit for the time period listed in Section I.3 above except those applicable requirements listed in the compliance schedule, included in my operating permit pursuant to N.J.A.C. 7:27-22.9(e)7, which includes a sequence of actions with milestones leading to compliance with the applicable requirement.
<input checked="" type="checkbox"/>	d. Pursuant to N.J.A.C. 7:27-22.19(f)1.iii, I hereby state that this facility is in compliance with all applicable requirements for the time period listed in Section I.3 above as indicated in the facility specific requirements of my operating permit, except for those applicable requirements included in an order or consent decree not incorporated into a compliance schedule.
<input checked="" type="checkbox"/>	e. Pursuant to N.J.A.C. 7:27-22.19(f)1.iv, I hereby state that this facility is currently not in compliance with at least one applicable requirement in the facility specific requirements of my operating permit, which are listed in the Deviation Summary tab.
<input checked="" type="checkbox"/>	f. None of the above. This is a semi-annual report.



Section IIIa - Summary of Facility and Emission Unit Compliance Status

Add Rows

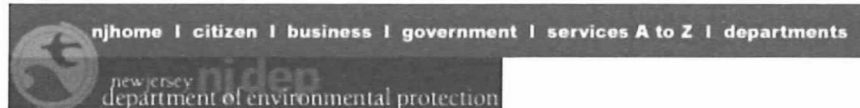
Insert Row

Delete Rows

Set All Yes/No

Permit Activity ID	Each unit includes ALL Operating Scenarios (OS), Steps (ST), Control Devices (CD), Emission Point (PT), Group (GR) and Equipment (E) listed under that UNIT or BP	Continuous Compliance Throughout the Reporting Period
	Emission Unit/Batch Process	
BOP160001	FC	Yes
BOP160001	U1	Yes
BOP160001	U11	Yes
BOP160001	U19	Yes
BOP160001	U22	Yes
BOP160001	U24	Yes
BOP160001	U33	Yes
BOP160001	U34	Yes
BOP160001	U35	Yes
BOP160001	U36	Yes
BOP160001	U37	Yes
BOP160001	U39	Yes
BOP160001	U40	Yes
BOP160001	U41	Yes
BOP160001	U42	Yes
BOP160001	U43	Yes
BOP160001	U44	Yes
BOP160001	U45	Yes
BOP160001	U46	Yes
BOP160001	U47	Yes
BOP160001	U49	Yes
BOP160001	U55	Yes
BOP160001	U56	Yes
BOP160001	U57	Yes
BOP160001	U58	Yes
BOP160001	U60	Yes
BOP160001	U70	Yes
BOP160001	U71	Yes
BOP160001	U72	Yes
BOP160001	U73	Yes
BOP160001	U74	Yes
BOP160001	U75	Yes
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BOP160001	U141	Yes
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BOP140002	U186	Yes
BOP140003	U187	Yes
BOP140004	U188	Yes
BOP140007	U189	Yes
BOP140008	U190	Yes
BOP140005	U191	Yes
BOP160001	FG3	Yes
BOP160001	FG7	Yes
BOP160001	IS1	Yes
BOP160001	IS2	Yes
BOP160001	IS4	Yes
BOP160001	IS5	Yes
BOP160001	IS6	Yes
BOP160001	IS16	Yes
BOP160001	IS100	Yes
BOP160001	IS102	Yes
BOP160001	IS103	Yes
BOP160001	IS104	Yes
BOP160001	IS105	Yes
BOP160001	IS106	Yes
BOP160001	IS107	Yes
BOP160001	IS108	Yes
BOP160001	IS109	Yes
BOP160001	IS110	Yes
BOP160001	IS111	Yes

SI-SSA-0012-0237

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Version: 6.5

Currently logged in: Peter Sena III (A00123236)

65500

Server: Server_1

PSEG NUCLEAR LLC HOPE CRK & SALEM GEN STA

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You may click on a previously visited page (above) to navigate back to that screen.

The following was successfully submitted:

Submission: 831875:PSEG Hope Creek Salem Semi-Annual Compliance Certification

Your application has been submitted. We will contact you if further information is needed.

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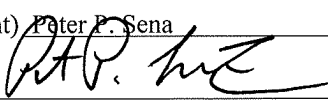
Last Updated: June 24, 2004

New Jersey Department Of Environmental Protection Certification Form

Company Name PSEG Nuclear LLC Facility ID 65500


1. **Responsible Official** – This first tier of this certification is to be signed by a Responsible Official as defined in N.J.A.C. 7:27-1.

"I certify under penalty of law that I have personally examined and am familiar with the information submitted in the attached document and, based on my inquiry of those officials immediately responsible for obtaining the information, I believe that the submitted information is true, accurate and complete. I certify that, based on my inquiry of those officials immediately responsible for obtaining the information, I believe that any estimates are the result of good faith application of sound professional judgement, using techniques, factors, or standards approved by the Department or EPA, or generally accepted in the trade. I am aware that there are significant civil and criminal penalties, including fines or imprisonment or both, for submitting false, inaccurate or incomplete information."

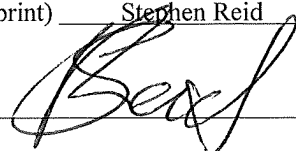
Name (type or print) Peter P. Sena Title PSEG Nuclear President & CNO
Signature  Date 7/26/18

2. **Individuals with direct knowledge** – This second tier of certification is to be signed by the individual or individuals with direct knowledge and/or responsibility for the information contained in the attached spreadsheet. Please use a copy of this form if you need to have this certified by more than two individuals.

"I certify under penalty of law that I believe the information provided in this document is true, accurate, and complete. For those portions of the document that are based on estimates, those estimates are the result of good faith application of sound professional judgement, using techniques, factors, or standards approved by the Department or EPA, or generally accepted in the trade. I am aware that there are significant civil and criminal penalties, including fines or imprisonment or both, for submitting false, inaccurate or incomplete information."

Name (type or print) Helen Gregory Title Environmental Compliance Mgr. - Nuclear
Signature  Date 7/25/18

"I certify under penalty of law that I believe the information provided in this document is true, accurate, and complete. For those portions of the document that are based on estimates, those estimates are the result of good faith application of sound professional judgement, using techniques, factors, or standards approved by the Department or EPA, or generally accepted in the trade. I am aware that there are significant civil and criminal penalties, including fines or imprisonment or both, for submitting false, inaccurate or incomplete information."

Name (type or print) Stephen Reid Title Sr. Environmental Specialist
Signature  Date 7/25/18

**Attachment 2
Verification Completion Form
Page 1 of 1**

Verification Documentation

Correspondence/Letter number: LR-E18-0081 Origination Date: 07/23/18

Agency/External Stakeholder: NJDEP Submittal Due Date: 07/30/18

Recipient of Correspondence: NJDEP – Electronic Submittal & EPA
(name and title if known)

Purpose of Submittal: Copy of the NJDEP 2018 Title V Six Month Deviation Report

Originating Office: ☒ Salem ☒ Hope Creek ☐ PSEG Nuclear Corporate

Preparer: ERM & Stephen Reid
(print)

[Signature] Approved via Email 7/26/18
(sign) (date)

Peer Reviewer: Thomas Adams
(print)

[Signature] 7/20/18
(sign) (date)

Certified Mail Return Receipt Requested: ☐ Yes ☒ No

Approvals (check box if applicable)

	Applicable	Date Review Needed	Signature of Reviewer	Date of Review
Site Departments				
Nuclear Environmental Affairs – H. Gregory	<input checked="" type="checkbox"/>		<u>[Signature]</u>	<u>7/25/18</u>
Chemistry	<input type="checkbox"/>			
Operations	<input type="checkbox"/>			
Engineering	<input type="checkbox"/>			
Corporate				
Senior Director	<input checked="" type="checkbox"/>		<u>[Signature]</u>	<u>7/26/18</u>
President & CNO PSEG Nuclear	<input checked="" type="checkbox"/>		<u>[Signature]</u>	<u>7/26/18</u>
Site Management				
Site Vice President	<input checked="" type="checkbox"/>	<u>7/23/18</u>	<u>[Signature]</u>	<u>7/23/18</u>
Site Vice President	<input checked="" type="checkbox"/>	<u>7/25/18</u>	<u>[Signature]</u>	<u>7/25/18</u>
Other:	<input type="checkbox"/>		<input type="checkbox"/> Report Signed and Approved	
Other:	<input type="checkbox"/>			

Attach additional page for comments.

Memorandum

To: File

CC: DCRMS

From: L. Cataldo



Date: 7/28/2014

Re: LR-E14-0109 – SA and HC ICI Boiler Notification of Compliance Status

The attached report was submitted electronically/online to EPA. Proof of submittal is attached.



Cataldo, Luis

From: Shimp - Cannon, Ann L. on behalf of Braun , Robert
Sent: Tuesday, July 15, 2014 12:37 PM
To: Cataldo, Luis
Subject: FW: CDX CEDRI Dataflow - Submission was successfully signed and has reached the CDX

Categories: Important

From: cdx@epa.gov [<mailto:cdx@epa.gov>]
Sent: Tuesday, July 15, 2014 12:35 PM
To: Braun , Robert
Subject: CDX CEDRI Dataflow - Submission was successfully signed and has reached the CDX

You are receiving this email from someone outside of PSEG. Refrain from opening attachments, clicking on links, or responding to requests for personal information or credentials if from an unknown sender or if message is unexpected.

Submission package "notification of compliance status" was successfully signed and has reached the CDX. To view each report in your submission, please log into the CEDRI application and select the "CEDRI History" link in the left navigation bar.

Submission Details:

Submission Package Name: notification of compliance status
Submission Time: Tue Jul 15 12:34:42 EDT 2014
Certifier CDX User Id: BRAUNPSEG
Submission Id: _5bf3bfcc-1e05-4559-9ede-e86b11fab0f7
Report Type **Regulation Part/Subpart**
Notification of Compliance Status Part 63/Area Source Boilers

This message is being sent to you as confirmation of your submission. If you did not perform this submission, please contact the CDX Helpdesk at 1-888-890-1995.



United States
ENVIRONMENTAL PROTECTION AGENCY

Washington, DC 20460

Compliance and Emissions Data Reporting Interface (CEDRI) Report
Notification required under 40 CFR 63.11225(a)(4)

Office of Air and Radiation (OAR)
<http://www.epa.gov/ttn/chief/ert/index.html>

FACILITY INFORMATION

Date and Time of Report	2014-07-09 10:24:16 EDT
Facility Name	PSE&G SALEM & HOPE CREEK GENERATING STATIONS
Facility Address	ALLOWAY CREEK NECK ROAD
	HANCOCKS BRIDGE, SALEM, NJ 08038
Mailing Address	ALLOWAY CREEK NECK ROAD
	HANCOCKS BRIDGE, SALEM, NJ 08038
Longitude of Facility	Latitude of Facility
-75.5333	39.4625
FRS Code	110000603142
State Facility ID Number	

THIS FORM WAS GENERATED BY THE CEDRI APPLICATION

REQUIRED INFORMATION AND CERTIFICATION

1. The methods that were used to determine compliance:
Conducted Tune-up and Performed Energy Assessment
 2. The methods that will be used for determining continuing compliance, including a description of reporting requirements and test methods:
Conduct Biennial Tune-ups and Maintain Energy Assessment Report
 3. Has the source complied with the relevant standard or other requirements? Yes
 4. "This facility complies with the requirements in §63.11214 to conduct an initial tune-up of the boiler." Yes
 5. "This facility has had an energy assessment performed according to §63.11214(c)." Yes
 - 5.a. Has a past or amended energy assessment been performed on or after January 1, 2008 and by March 21 2014 to meet the energy assessment requirements in 63.11214(c)? No
 - 5.b. Does your facility operate under an energy program compatible with ISO 50001 that includes the affected units to meet the energy assessment requirements of 63.11214(c)? No
 6. "This facility complies with the requirements in §63.11224(f)." Not Applicable
 7. "No secondary materials that are solid waste were combusted in any affected unit." Yes
 8. Date of the test showing conformance with the emission standards and operating limits of this subpart (if applicable).
-

ADDITIONAL INFORMATION

Please enter any additional information

Please attach any additional information

SIGNATURE PAGE

Signature of Company Official or Authorized Agent



R. C. BROWN



ECMPS Client Tool

Version 1.0 2018 Q3

Emissions Summary Report

November 28, 2018 03:24 PM

Facility Name: Salem Generating Station

Facility Details

Facility ID (ORISPL): 2410
Monitoring Plan Locations: 2001
State: NJ
County: Salem County

Quarterly Emissions Summary Data

Unit/Stack/Pipe	Year	Period	No. of Op. Hours	No. of Op. Days	Op. Time	Heat Input (mmBtu)	SO ₂ Mass (ton)	CO ₂ Mass (ton)	NO _x Rate (lb/mmBtu)	NO _x Mass (ton)	BCO ₂ Mass (ton)
2001	2013	QTR 1	8	4	8.00	1243	0.2	100.6		0.7	
		QTR 2	5	3	5.00	1223	0.2	99.1		0.7	
		QTR 3	19	6	19.00	6316	1.0	511.5		3.8	
		QTR 4	4	3	4.00	522	0.1	42.3		0.3	
		Ozone Season To Date	24		24.00	7539				4.5	
		Year To Date	36	16	36.00	9304	1.5	753.5		5.5	

Fuel Operating Hours

Unit/Stack/Pipe	Year	Period	Fuel Code	No. of Op. Hours
2001	2013	QTR 1	NO DATA	8
		QTR 2	NO DATA	5
		QTR 3	NO DATA	19
		QTR 4	NO DATA	4