NEXTera ENERGY SEABROOK

SBK-L-10185

Attachment 1

Vol. 1

April 8, 2010

SBK-L-10059

Title V Operating Permit
TV-OP-017

State of New Hampshire
Department of Environmental Services
Air Resources Division
29 Hazen Drive, P.O. Box 95
Concord, NH 03302-0095
ATTN: Compliance Bureau

Seabrook Station
2009 Emissions Report, NOx Report and Emissions-Based Fee Payment

NextEra Energy Seabrook, LLC has provided herein emissions data for 2009 for nine significant emission sources (EU01 – EU09) addressed in the facility Title V Operating Permit, TV-OP-017 issued June 5, 2006.

- Emissions data is provided on Air Resources Division Emissions Inventory Form INV-E1, per the requirements of Env-A 907, for nine significant emissions sources (EU01 – EU09).

- NOx and SO2 emission data is provided on Emissions Inventory Form INV-A, per the requirements of Env-A 909, for nine significant emission sources (EU01 – EU09).

- Speciation Summary data for individual regulated air pollutants per the requirements of Env-A 907.01(b)(4) is provided for nine significant emissions sources (EU01 – EU09).

- Operating logs for all emission units EU01 – EU09 are maintained at Seabrook Station. Operating hour limitations for all emergency generating units, EU03 – EU09, were complied with. Emergency generating units EU03 – EU09 are routinely tested during the year to verify operability. Seabrook Station's Auxiliary Boilers EU01 and EU02 are operated frequently throughout the year to maintain a ready condition to support station auxiliary steam demands should the primary source be unavailable.

Additionally, NextEra Energy Seabrook has estimated emissions from insignificant activities at Seabrook Station during 2009 to be 1.6 tons. This category includes miscellaneous propane usage, three used oil space heaters and a heating boiler for fire protection water. The total estimated emissions from these sources (1.6 tons) is the median value for the five year period 1998 to 2002. During the five-year period from which the estimate is derived, fuel usage for each of the devices was monitored and emissions were calculated and reported in the annual emissions inventory reports. Per discussions with Mr. Sonny Strickland of NHDES and Mr. Allen Legendre of FPL Energy Seabrook on April 7, 2004, Mr. Strickland indicated that an estimate of insignificant emissions was acceptable in lieu of detailed reporting for this category.

NextEra Energy Seabrook has enclosed the emission-based fee for calendar year 2009. This fee is remitted per Env-A 700 and the facility Title V Operating Permit (TV-OP-017).

The enclosed check in the amount of $ 3352.01 is based on the estimated emissions of 24.62 tons during reporting year 2009 at the rate of $ 136.15 per ton.

Should you require additional information, please contact Mrs. Sabre Gagnon, Engineering Analyst, at (603) 773-7795.

Sincerely,

NextEra Energy Seabrook, LLC

Michael O'Keefe

Michael O'Keefe
Licensing Manager

CERTIFICATION OF ACCURACY STATEMENT

"I am authorized to make this submission on behalf of the facility for which the submission is made. Based on information and belief formed after reasonable inquiry, I certify that the statements and information in the enclosed documents are to the best of my knowledge and belief true, accurate and complete. I am aware that there are significant penalties for submitting false statements and information or omitting required statements and information, including the possibility of imprisonment."

NextEra Energy Seabrook, LLC

Michael O'Keefe
Licensing Manager

ENCLOSURE TO SBK-L-10059

Reporting Year 2009

EMISSIONS INVENTORY FORM INV-E1

Source name:	Physical Address: NextEra Energy Seabrook LLC	Mailing Address:
NextEra Energy Seabrook, LLC	626 Lafayette Road	NextEra Energy Seabrook, P. O. BOX 300
	Seabrook, NH 03874	Seabrook, NH 03874

Device name: Auxiliary Boiler #1 (EU01) | Permit Number if applicable: TV-OP-017

SIC Code (Standard Industrial Classification): 4911 | SCC Code (Source Classification Codes): 1-01-005-01

Pollutant		Fuel used			Emission Factor(EMF)			Quantity emitted	
		SCC Code	Quantity	(units)	EMF	(units)	Source	(lbs/yr)	(tons/yr)
Total Suspended Particulates TSP	Prim.	1-01-005-01	159948	gallons	2.00	lb/kgal	AP-42 Table 1.3-6[1]	319.90	0.16
	Sec.						dated 9/98.		
	Tert.								
	Quat.								
Sulfur Dioxide SO2	Prim.	1-01-005-01	159948	gallons	56.8	lb/kgal	AP-42 Table 1.3-1	9085.05	4.54
(If you completed Form Inv-A, you may	Sec.						dated 9/98.(Errata)		
complete the last column only)	Tert.								
	Quat.								
Nitrogen Oxides NOx	Prim.	1-01-005-01	159948	gallons	24.0	lb/kgal	AP-42 Table 1.3-1	3838.75	1.92
(If you completed Form Inv-A you may	Sec.						dated 9/98.		
complete the last column only)	Tert.								
	Quat.								
Carbon Monoxide CO	Prim.	1-01-005-01	159948	gallons	5.00	lb/kgal	AP-42 Table 1.3-1	799.74	0.40
	Sec.						dated 9/98.		
	Tert.								
	Quat.								
Non-Methane VOC	Prim.	1-01-005-01	159948	gallons	0.2	lb/kgal	AP-42 Table 1.3-3[2]	31.99	0.02
Volatile Organic Compounds	Sec.						dated 9/98.		
	Tert.								
	Quat.								

Comments: Note 1: Based on an emission factor for TSP, total suspended particulates for uncontrolled industrial boilers firing distillate oil.
Note 2: Based on an emission factor for non-methane total organic compounds.

Certification: These records are true and accurate to the best of my knowledge: Licensing Manager 4/6/10

Emission quantity reporting form Signature Title Date

Reporting Year 2009

EMISSIONS INVENTORY FORM INV-A

Source name:	Physical Address:	Mailing Address:
NextEra Energy Seabrook, LLC	NextEra Energy Seabrook, LLC 626 LAFAYETTE ROAD SEABROOK, NH 03874	NextEra Energy Seabrook, P. O. BOX 300 SEABROOK, NH 03874

Device name: Auxiliary Boiler #1 (EU01)

Permit Number if applicable: TV-OP-017

Ozone Season Operating Schedule (May 1 thru September 30)

Days/week: Weeks/Season: Days/Season:

Month	Fuel used	Fuel type	Wt % Sulfur	Actual Fuel Used	Units	MMBTUs	Emission Factor Units lb/kgal SO2	Emission Factor Units lb/kgal NOx	SO2 (lbs)	NOx (lbs)	Ozone Daily NOx Emissions (lbs/day)
Jan.	Primary	No. 2 Diesel	< 0.4	5,737	gallons		56.8	24	325.86	137.69	
	Secondary										
Feb.	Primary	No. 2 Diesel	< 0.4	4,792	gallons		56.8	24	272.19	115.01	
	Secondary										
Mar.	Primary	No. 2 Diesel	< 0.4	3,568	gallons		56.8	24	202.66	85.63	
	Secondary										
Apr.	Primary	No. 2 Diesel	< 0.4	1,290	gallons		56.8	24	73.27	30.96	
	Secondary										
May	Primary	No. 2 Diesel	< 0.4	1,311	gallons		56.8	24	74.46	31.46	1.01
	Secondary										
June	Primary	No. 2 Diesel	< 0.4	1,689	gallons		56.8	24	95.94	40.54	1.35
	Secondary										
July	Primary	No. 2 Diesel	< 0.4	1,221	gallons		56.8	24	69.35	29.30	0.95
	Secondary										
Aug.	Primary	No. 2 Diesel	< 0.4	890	gallons		56.8	24	50.55	21.36	0.69
	Secondary										
Sep.	Primary	No. 2 Diesel	< 0.4	8,243	gallons		56.8	24	468.20	197.83	6.59
	Secondary										
Oct.	Primary	No. 2 Diesel	< 0.4	46,813	gallons		56.8	24	2658.98	1123.51	
	Secondary										
Nov.	Primary	No. 2 Diesel	< 0.4	37,301	gallons		56.8	24	2118.70	895.22	
	Secondary										
Dec.	Primary	No. 2 Diesel	< 0.4	47,093	gallons		56.8	24	2674.88	1130.23	
	Secondary										
Year	Primary	No. 2 Diesel	< 0.4	159,948	gallons		56.8	24	9085.05	3838.75	
(total)	Secondary										
	Tertiary										
						Tons SO2 and NOx:			4.54	1.92	

Comments:

Certification: These records are true and accurate to the best of my knowledge: Michael O'Keefe 4/9/10

Signature Date

Monthly fuel use reporting form

Reporting Year 2009

EMISSIONS INVENTORY FORM INV-E1

Source name:	Physical Address: NextEra Energy Seabrook LLC	Mailing Address:
NextEra Energy Seabrook, LLC	626 Lafayette Road	NextEra Energy Seabrook, P. O. BOX 300
	Seabrook, NH 03874	Seabrook, NH 03874

Device name: Auxiliary Boiler #2 (EU02) | Permit Number if applicable: TV-OP-017

SIC Code (Standard Industrial Classification): 4911 | SCC Code (Source Classification Codes): 1-01-005-01

Pollutant		Fuel used			Emission Factor(EMF)			Quantity emitted	
		SCC Code	Quantity	(units)	EMF	(units)	Source	(lbs/yr)	(tons/yr)
Total Suspended Particulates TSP	Prim.	1-01-005-01	73,495	gallons	2.00	lb/kgal	AP-42 Table 1.3-6[1]	146.99	0.07
	Sec.						dated 9/98.		
	Tert.								
	Quat.								
Sulfur Dioxide SO2	Prim.	1-01-005-01	73,495	gallons	56.8	lb/kgal	AP-42 Table 1.3-1	4174.52	2.09
(if you completed Form Inv-A, you may	Sec.						dated 9/98.(Errata)		
complete the last column only)	Tert.								
	Quat.								
Nitrogen Oxides NOx	Prim.	1-01-005-01	73,495	gallons	24.0	lb/kgal	AP-42 Table 1.3-1	1763.88	0.88
(If you completed Form Inv-A you may	Sec.						dated 9/98.		
complete the last column only)	Tert.								
	Quat.								
Carbon Monoxide CO	Prim.	1-01-005-01	73,495	gallons	5.00	lb/kgal	AP-42 Table 1.3-1	367.48	0.18
	Sec.						dated 9/98.		
	Tert.								
	Quat.								
Non-Methane VOC	Prim.	1-01-005-01	73,495	gallons	0.2	lb/kgal	AP-42 Table 1.3-3[2]	14.70	0.01
Volatile Organic Compounds	Sec.						dated 9/98.		
	Tert.								
	Quat.								

Comments: Note 1: Based on an emission factor for TSP, total suspended particulates for uncontrolled industrial boilers firing distillate oil.
Note 2: Based on an emission factor for non-methane total organic compounds.

Certification: These records are true and accurate to the best of my knowledge: [signature] Licensing Manager 4/6/10

Emission quantity reporting form Signature Title Date

Reporting Year 2009

EMISSIONS INVENTORY FORM INV-A

Source name:	Physical Address:	Mailing Address:
NextEra Energy Seabrook, LLC	NextEra Energy Seabrook, LLC 626 LAFAYETTE ROAD SEABROOK, NH 03874	NextEra Energy Seabrook, P. O. BOX 300 SEABROOK, NH 03874

Device name: Auxiliary Boiler #2 (EU02)

Permit Number if applicable: TV-OP-017

Ozone Season Operating Schedule (May 1 thru September 30)

Days/week: Weeks/Season: Days/Season:

Month	Fuel used	Fuel type	Wt % Sulfur	Actual Fuel Used	Units	MMBTUs	Emission Factor Units SO2	Emission Factor lb/kgal NOx	SO2 (lbs)	NOx (lbs)	Ozone Daily NOx Emissions (lbs/day)
Jan.	Primary	No. 2 Diesel	< 0.4	2,198	gallons		56.8	24	124.85	52.75	
	Secondary										
Feb.	Primary	No. 2 Diesel	< 0.4	1,702	gallons		56.8	24	96.67	40.85	
	Secondary										
Mar.	Primary	No. 2 Diesel	< 0.4	2,431	gallons		56.8	24	138.08	58.34	
	Secondary										
Apr.	Primary	No. 2 Diesel	< 0.4	1,982	gallons		56.8	24	112.58	47.57	
	Secondary										
May	Primary	No. 2 Diesel	< 0.4	1,851	gallons		56.8	24	105.14	44.42	1.43
	Secondary										
June	Primary	No. 2 Diesel	< 0.4	1,553	gallons		56.8	24	88.21	37.27	1.24
	Secondary										
July	Primary	No. 2 Diesel	< 0.4	1,156	gallons		56.8	24	65.66	27.74	0.89
	Secondary										
Aug.	Primary	No. 2 Diesel	< 0.4	1,014	gallons		56.8	24	57.60	24.34	0.79
	Secondary										
Sep.	Primary	No. 2 Diesel	< 0.4	8,449	gallons		56.8	24	479.90	202.78	6.76
	Secondary										
Oct.	Primary	No. 2 Diesel	< 0.4	1,941	gallons		56.8	24	110.25	46.58	
	Secondary										
Nov.	Primary	No. 2 Diesel	< 0.4	22,740	gallons		56.8	24	1291.63	545.76	
	Secondary										
Dec.	Primary	No. 2 Diesel	< 0.4	26,478	gallons		56.8	24	1503.95	635.47	
	Secondary										
Year (total)	Primary	No. 2 Diesel	< 0.4	73,495	gallons		56.8	24	4174.52	1763.88	
	Secondary										
	Tertiary										
						Tons SO2 and NOx:			2.09	0.88	

Comments:

Certification: These records are true and accurate to the best of my knowledge: Michael O'Kafe 4/6/10

Signature Date

Monthly fuel use reporting form

Reporting Year 2009

EMISSIONS INVENTORY FORM INV-E1

Source name:	Physical Address: NextEra Energy Seabrook LLC	Mailing Address:
NextEra Energy Seabrook, LLC	626 Lafayette Road	NextEra Energy Seabrook, P. O. BOX 300
	Seabrook, NH 03874	Seabrook, NH 03874

Device name: Emergency Diesel Generator 1A (EU03) | Permit Number if applicable: TV-OP-017

SIC Code (Standard Industrial Classification): 4911 | SCC Code (Source Classification Codes): 2-02-004-01

Pollutant		Fuel used			Emission Factor(EMF)			Quantity emitted	
		SCC Code	Quantity	(units)	EMF	(units)	Source	(lbs/yr)	(tons/yr)
Total Suspended Particulates TSP	Prim.	2-02-004-01	17,803	gallons	8.494	lb/kgal	AP-42 Table 3.4-2[1]	151.22	0.08
	Sec.						dated 10/96.		
	Tert.								
	Quat.								
Sulfur Dioxide SO2	Prim.	2-02-004-01	17,803	gallons	6.918	lb/kgal	AP-42 Table 3.4-1	123.16	0.06
(If you completed Form Inv-A, you may	Sec.						dated 10/96.		
complete the last column only)	Tert.								
	Quat.								
Nitrogen Oxides NOx	Prim.	2-02-004-01	17,803	gallons	438.4	lb/kgal	AP-42 Table 3.4-1	7804.84	3.90
(If you completed Form Inv-A you may	Sec.						dated 10/96.		
complete the last column only)	Tert.								
	Quat.								
Carbon Monoxide CO	Prim.	2-02-004-01	17,803	gallons	116.45	lb/kgal	AP-42 Table 3.4-1	2073.16	1.04
	Sec.						dated 10/96.		
	Tert.								
	Quat.								
Non-Methane VOC	Prim.	2-02-004-01	17,803	gallons	11.22	lb/kgal	AP-42 Table 3.4-1[2]	199.75	0.10
Volatile Organic Compounds	Sec.						dated 10/96.		
	Tert.								
	Quat.								

Comments: Note 1: Based on an emission factor for total filterable particulates of .0620 lb/MMBtu for large stationary diesel engines.
Note 2: Based on an emission factor for non-methane total organic compounds.

Certification: These records are true and accurate to the best of my knowledge: Michael O'Keefe | Licensing Manager | 4/4/10

Emission quantity reporting form — Signature — Title — Date

Reporting Year 2009

EMISSIONS INVENTORY FORM INV-A

Source name:	Physical Address:	Mailing Address:
NextEra Energy Seabrook, LLC	NextEra Energy Seabrook, LLC 626 LAFAYETTE ROAD SEABROOK, NH 03874	NextEra Energy Seabrook, P. O. BOX 300 SEABROOK, NH 03874

Device name: Emergency Diesel Generator 1A (EU03)

Permit Number if applicable: TV-OP-017

Ozone Season Operating Schedule (May 1 thru September 30)

Days/week: Weeks/Season: Days/Season:

Month	Fuel used	Fuel type	Wt % Sulfur	Actual Fuel Used	Units	MMBTUs	Emission Factor Units SO2	Emission Factor lb/kgal NOx	SO2 (lbs)	NOx (lbs)	Ozone Daily NOx Emissions (lbs/day)
Jan.	Primary	On-road diesel	< 0.05	3,095	gallons		6.918	438.4	21.41	1356.85	
	Secondary										
Feb.	Primary	On-road diesel	< 0.05	830	gallons		6.918	438.4	5.74	363.87	
	Secondary										
Mar.	Primary	On-road diesel	< 0.05	802	gallons		6.918	438.4	5.55	351.60	
	Secondary										
Apr.	Primary	On-road diesel	< 0.05	958	gallons		6.918	438.4	6.63	419.99	
	Secondary										
May	Primary	On-road diesel	< 0.05	739	gallons		6.918	438.4	5.11	323.98	10.45
	Secondary										
June	Primary	On-road diesel	< 0.05	967	gallons		6.918	438.4	6.69	423.93	14.13
	Secondary										
July	Primary	On-road diesel	< 0.05	661	gallons		6.918	438.4	4.57	289.78	9.35
	Secondary										
Aug.	Primary	On-road diesel	< 0.05	658	gallons		6.918	438.4	4.55	288.47	9.31
	Secondary										
Sep.	Primary	On-road diesel	< 0.05	1,036	gallons		6.918	438.4	7.17	454.18	15.14
	Secondary										
Oct.	Primary	On-road diesel	< 0.05	3,994	gallons		6.918	438.4	27.63	1750.97	
	Secondary										
Nov.	Primary	On-road diesel	< 0.05	3,111	gallons		6.918	438.4	21.52	1363.86	
	Secondary										
Dec.	Primary	On-road diesel	< 0.05	952	gallons		6.918	438.4	6.59	417.36	
	Secondary										
Year (total)	Primary	On-road diesel	< 0.05	17,803	gallons		6.918	438.4	123.16	7804.84	
	Secondary										
	Tertiary										
						Tons SO2 and NOx:			0.06	3.90	

Comments:

Certification: These records are true and accurate to the best of my knowledge: Michael O'Keefe 4/6/10

Signature Date

Monthly fuel use reporting form

Reporting Year 2009

EMISSIONS INVENTORY FORM INV-E1

Source name:	Physical Address: NextEra Energy Seabrook LLC	Mailing Address:
NextEra Energy Seabrook, LLC	626 Lafayette Road	NextEra Energy Seabrook, P. O. BOX 300
	Seabrook, NH 03874	Seabrook, NH 03874

Device name: Emergency Diesel Generator 1B (EU04) | Permit Number if applicable: TV-OP-017

SIC Code (Standard Industrial Classification): 4911 | SCC Code (Source Classification Codes): 2-02-004-01

Pollutant		Fuel used			Emission Factor(EMF)			Quantity emitted	
		SCC Code	Quantity	(units)	EMF	(units)	Source	(lbs/yr)	(tons/yr)
Total Suspended Particulates TSP	Prim.	2-02-004-01	20,745	gallons	8.494	lb/kgal	AP-42 Table 3.4-2[1]	176.21	0.09
	Sec.						dated 10/96.		
	Tert.								
	Quat.								
Sulfur Dioxide SO2	Prim.	2-02-004-01	20,745	gallons	6.918	lb/kgal	AP-42 Table 3.4-1	143.51	0.07
(If you completed Form Inv-A, you may	Sec.						dated 10/96.		
complete the last column only)	Tert.								
	Quat.								
Nitrogen Oxides NOx	Prim.	2-02-004-01	20,745	gallons	438.4	lb/kgal	AP-42 Table 3.4-1	9094.61	4.55
(If you completed Form Inv-A you may	Sec.						dated 10/96.		
complete the last column only)	Tert.								
	Quat.								
Carbon Monoxide CO	Prim.	2-02-004-01	20,745	gallons	116.45	lb/kgal	AP-42 Table 3.4-1	2415.76	1.21
	Sec.						dated 10/96.		
	Tert.								
	Quat.								
Non-Methane VOC	Prim.	2-02-004-01	20,745	gallons	11.22	lb/kgal	AP-42 Table 3.4-1[2]	232.76	0.12
Volatile Organic Compounds	Sec.						dated 10/96.		
	Tert.								
	Quat.								

Comments: Note 1: Based on an emission factor for total filterable particulates of .0620 lb/MMBtu for large stationary diesel engines.

Note 2: Based on an emission factor for non-methane total organic compounds.

Certification: These records are true and accurate to the best of my knowledge: Licensing Manager 4/6/10

Emission quantity reporting form Signature Title Date

Reporting Year 2009

EMISSIONS INVENTORY FORM INV-A

Source name:	Physical Address:	Mailing Address:
NextEra Energy Seabrook, LLC	NextEra Energy Seabrook, LLC 626 LAFAYETTE ROAD SEABROOK, NH 03874	NextEra Energy Seabrook, P. O. BOX 300 SEABROOK, NH 03874

Device name: Emergency Diesel Generator 1B (EU04)

Permit Number if applicable: TV-OP-017

Ozone Season Operating Schedule (May 1 thru September 30)

Days/week: Weeks/Season: Days/Season:

Month	Fuel used	Fuel type	Wt % Sulfur	Actual Fuel Used	Units	MMBTUs	Emission Factor Units SO2	Emission Factor Units NOx (lb/kgal)	SO2 (lbs)	NOx (lbs)	Ozone Daily NOx Emissions (lbs/day)
Jan.	Primary	On-road diesel	< 0.05	842	gallons		6.918	438.4	5.82	369.13	
	Secondary										
Feb.	Primary	On-road diesel	< 0.05	2,062	gallons		6.918	438.4	14.26	903.98	
	Secondary										
Mar.	Primary	On-road diesel	< 0.05	4,939	gallons		6.918	438.4	34.17	2165.26	
	Secondary										
Apr.	Primary	On-road diesel	< 0.05	1,551	gallons		6.918	438.4	10.73	679.96	
	Secondary										
May	Primary	On-road diesel	< 0.05	1,030	gallons		6.918	438.4	7.13	451.55	14.57
	Secondary										
June	Primary	On-road diesel	< 0.05	811	gallons		6.918	438.4	5.61	355.54	11.85
	Secondary										
July	Primary	On-road diesel	< 0.05	2,293	gallons		6.918	438.4	15.86	1005.25	32.43
	Secondary										
Aug.	Primary	On-road diesel	< 0.05	758	gallons		6.918	438.4	5.24	332.31	10.72
	Secondary										
Sep.	Primary	On-road diesel	< 0.05	0	gallons		6.918	438.4	0.00	0.00	0.00
	Secondary										
Oct.	Primary	On-road diesel	< 0.05	3,551	gallons		6.918	438.4	24.57	1556.76	
	Secondary										
Nov.	Primary	On-road diesel	< 0.05	2,215	gallons		6.918	438.4	15.32	971.06	
	Secondary										
Dec.	Primary	On-road diesel	< 0.05	693	gallons		6.918	438.4	4.79	303.81	
	Secondary										
Year	Primary	On-road diesel	< 0.05	20,745	gallons		6.918	438.4	143.51	9094.61	
(total)	Secondary										
	Tertiary										
						Tons SO2 and NOx:			0.07	4.55	

Comments:

Certification: These records are true and accurate to the best of my knowledge: Signature 4/6/10 Date

Monthly fuel use reporting form

Reporting Year 2009

EMISSIONS INVENTORY FORM INV-E1

Source name:	Physical Address: NextEra Energy Seabrook LLC	Mailing Address:
NextEra Energy Seabrook, LLC	626 Lafayette Road	NextEra Energy Seabrook, P. O. BOX 300
	Seabrook, NH 03874	Seabrook, NH 03874

Device name: SEPS Diesel Generator 2A (EU05) | Permit Number if applicable: TV-OP-017

SIC Code (Standard Industrial Classification): 4911 | SCC Code (Source Classification Codes): 2-02-004-01

Pollutant		Fuel used			Emission Factor(EMF)			Quantity emitted	
		SCC Code	Quantity	(units)	EMF	(units)	Source	(lbs/yr)	(tons/yr)
Total Suspended Particulates TSP	Prim.	2-02-004-01	2,087	gallons	8.494	lb/kgal	AP-42 Table 3.4-2[1]	17.73	0.01
	Sec.						dated 10/96.		
	Tert.								
	Quat.								
Sulfur Dioxide SO2	Prim.	2-02-004-01	2,087	gallons	6.918	lb/kgal	AP-42 Table 3.4-1	14.44	0.01
(If you completed Form Inv-A, you may	Sec.						dated 10/96.		
complete the last column only)	Tert.								
	Quat.								
Nitrogen Oxides NOx	Prim.	2-02-004-01	2,087	gallons	438.4	lb/kgal	AP-42 Table 3.4-1	914.94	0.46
(If you completed Form Inv-A you may	Sec.						dated 10/96.		
complete the last column only)	Tert.								
	Quat.								
Carbon Monoxide CO	Prim.	2-02-004-01	2,087	gallons	116.45	lb/kgal	AP-42 Table 3.4-1	243.03	0.12
	Sec.						dated 10/96.		
	Tert.								
	Quat.								
Non-Methane VOC	Prim.	2-02-004-01	2,087	gallons	11.22	lb/kgal	AP-42 Table 3.4-1[2]	23.42	0.01
Volatile Organic Compounds	Sec.						dated 10/96.		
	Tert.								
	Quat.								

Comments: Note 1: Based on an emission factor for total filterable particulates of .0620 lb/MMBtu for large stationary diesel engines.
Note 2: Based on an emission factor for non-methane total organic compounds.

Certification: These records are true and accurate to the best of my knowledge: Michael O'Hare | Licensing Manager | 4/6/10

Emission quantity reporting form Signature Title Date

Reporting Year 2009

EMISSIONS INVENTORY FORM INV-A

Source name:	Physical Address:	Mailing Address:
NextEra Energy Seabrook, LLC	NextEra Energy Seabrook, LLC 626 LAFAYETTE ROAD SEABROOK, NH 03874	NextEra Energy Seabrook, P. O. BOX 300 SEABROOK, NH 03874

Device name: SEPS Diesel Generator 2A (EU05)

Permit Number if applicable: TP-B-0498

Ozone Season Operating Schedule (May 1 thru September 30)

Days/week: Weeks/Season: Days/Season:

Month	Fuel used	Fuel type	Wt % Sulfur	Actual Fuel Used	Units	MMBTUs	Emission Factor Units SO2	Emission Factor lb/kgal NOx	SO2 (lbs)	NOx (lbs)	Ozone Daily NOx Emissions (lbs/day)
Jan.	Primary	On-road diesel	< 0.05	173	gallons		6.918	438.4	1.20	75.84	
	Secondary										
Feb.	Primary	On-road diesel	< 0.05	186	gallons		6.918	438.4	1.29	81.54	
	Secondary										
Mar.	Primary	On-road diesel	< 0.05	156	gallons		6.918	438.4	1.08	68.39	
	Secondary										
Apr.	Primary	On-road diesel	< 0.05	87	gallons		6.918	438.4	0.60	38.14	
	Secondary										
May	Primary	On-road diesel	< 0.05	173	gallons		6.918	438.4	1.20	75.84	2.45
	Secondary										
June	Primary	On-road diesel	< 0.05	137	gallons		6.918	438.4	0.95	60.06	2.00
	Secondary										
July	Primary	On-road diesel	< 0.05	154	gallons		6.918	438.4	1.07	67.51	2.18
	Secondary										
Aug.	Primary	On-road diesel	< 0.05	313	gallons		6.918	438.4	2.17	137.22	4.43
	Secondary										
Sep.	Primary	On-road diesel	< 0.05	150	gallons		6.918	438.4	1.04	65.76	2.19
	Secondary										
Oct.	Primary	On-road diesel	< 0.05	201	gallons		6.918	438.4	1.39	88.12	
	Secondary										
Nov.	Primary	On-road diesel	< 0.05	154	gallons		6.918	438.4	1.07	67.51	
	Secondary										
Dec.	Primary	On-road diesel	< 0.05	203	gallons		6.918	438.4	1.40	89.00	
	Secondary										
Year	Primary	On-road diesel	< 0.05	2,087	gallons		6.918	438.4	14.44	914.94	
(total)	Secondary										
	Tertiary										
						Tons SO2 and NOx:			0.01	0.46	

Comments:

Certification: These records are true and accurate to the best of my knowledge: Michael O'Keefe 4/6/10

Signature Date

Monthly fuel use reporting form

Reporting Year 2009

EMISSIONS INVENTORY FORM INV-E1

Source name:	Physical Address: NextEra Energy Seabrook LLC	Mailing Address:
NextEra Energy Seabrook, LLC	626 Lafayette Road	NextEra Energy Seabrook, P. O. BOX 300
	Seabrook, NH 03874	Seabrook, NH 03874

Device name: SEPS Diesel Generator 2B (EU06) | Permit Number if applicable: TV-OP-017

SIC Code (Standard Industrial Classification): 4911 | SCC Code (Source Classification Codes): 2-02-004-01

Pollutant		Fuel used			Emission Factor(EMF)			Quantity emitted	
		SCC Code	Quantity	(units)	EMF	(units)	Source	(lbs/yr)	(tons/yr)
Total Suspended Particulates TSP	Prim.	2-02-004-01	2,347	gallons	8.494	lb/kgal	AP-42 Table 3.4-2[1]	19.94	0.01
	Sec.						dated 10/96.		
	Tert.								
	Quat.								
Sulfur Dioxide SO2	Prim.	2-02-004-01	2,347	gallons	6.918	lb/kgal	AP-42 Table 3.4-1	16.24	0.01
(If you completed Form Inv-A, you may	Sec.						dated 10/96.		
complete the last column only)	Tert.								
	Quat.								
Nitrogen Oxides NOx	Prim.	2-02-004-01	2,347	gallons	438.4	lb/kgal	AP-42 Table 3.4-1	1028.92	0.51
(If you completed Form Inv-A you may	Sec.						dated 10/96.		
complete the last column only)	Tert.								
	Quat.								
Carbon Monoxide CO	Prim.	2-02-004-01	2,347	gallons	116.45	lb/kgal	AP-42 Table 3.4-1	273.31	0.14
	Sec.						dated 10/96.		
	Tert.								
	Quat.								
Non-Methane VOC	Prim.	2-02-004-01	2,347	gallons	11.22	lb/kgal	AP-42 Table 3.4-1[2]	26.33	0.01
Volatile Organic Compounds	Sec.						dated 10/96.		
	Tert.								
	Quat.								

Comments: Note 1: Based on an emission factor for total filterable particulates of .0620 lb/MMBtu for large stationary diesel engines.

Note 2: Based on an emission factor for non-methane total organic compounds.

Certification: These records are true and accurate to the best of my knowledge: Licensing Manager 4/6/10

Emission quantity reporting form Signature Title Date

Reporting Year 2009

EMISSIONS INVENTORY FORM INV-A

Source name:	Physical Address:	Mailing Address:
NextEra Energy Seabrook, LLC	NextEra Energy Seabrook, LLC 626 LAFAYETTE ROAD SEABROOK, NH 03874	NextEra Energy Seabrook, P. O. BOX 300 SEABROOK, NH 03874

Device name: SEPS Diesel Generator 2B (EU06)

Permit Number if applicable: TP-B-0498

Ozone Season Operating Schedule (May 1 thru September 30)

Days/week: Weeks/Season: Days/Season:

Month	Fuel used	Fuel type	Wt % Sulfur	Actual Fuel Used	Units	MMBTUs	Emission Factor Units SO2	Emission Factor Units NOx	SO2 (lbs)	NOx (lbs)	Ozone Daily NOx Emissions (lbs/day)
Jan.	Primary	On-road diesel	< 0.05	185	gallons		6.918	438.4	1.28	81.10	
	Secondary										
Feb.	Primary	On-road diesel	< 0.05	187	gallons		6.918	438.4	1.29	81.98	
	Secondary										
Mar.	Primary	On-road diesel	< 0.05	165	gallons		6.918	438.4	1.14	72.34	
	Secondary										
Apr.	Primary	On-road diesel	< 0.05	137	gallons		6.918	438.4	0.95	60.06	
	Secondary										
May	Primary	On-road diesel	< 0.05	163	gallons		6.918	438.4	1.13	71.46	2.31
	Secondary										
June	Primary	On-road diesel	< 0.05	167	gallons		6.918	438.4	1.16	73.21	2.44
	Secondary										
July	Primary	On-road diesel	< 0.05	158	gallons		6.918	438.4	1.09	69.27	2.23
	Secondary										
Aug.	Primary	On-road diesel	< 0.05	387	gallons		6.918	438.4	2.68	169.66	5.47
	Secondary										
Sep.	Primary	On-road diesel	< 0.05	236	gallons		6.918	438.4	1.63	103.46	3.45
	Secondary										
Oct.	Primary	On-road diesel	< 0.05	181	gallons		6.918	438.4	1.25	79.35	
	Secondary										
Nov.	Primary	On-road diesel	< 0.05	190	gallons		6.918	438.4	1.31	83.30	
	Secondary										
Dec.	Primary	On-road diesel	< 0.05	191	gallons		6.918	438.4	1.32	83.73	
	Secondary										
Year	Primary	On-road diesel	< 0.05	2,347	gallons		6.918	438.4	16.24	1028.92	
(total)	Secondary										
	Tertiary										
						Tons SO2 and NOx:			0.01	0.51	

Comments:

Certification: These records are true and accurate to the best of my knowledge: Signature 4/6/10 Date

Monthly fuel use reporting form

Reporting Year 2009

EMISSIONS INVENTORY FORM INV-E1

Source name:	Physical Address: NextEra Energy Seabrook LLC	Mailing Address:
NextEra Energy Seabrook, LLC	626 Lafayette Road	NextEra Energy Seabrook, P. O. BOX 300
	Seabrook, NH 03874	Seabrook, NH 03874

Device name: OSB Diesel Generator 68-121 (EU07) | Permit Number if applicable: TV-OP-017

SIC Code (Standard Industrial Classification): 4911 | SCC Code (Source Classification Codes): 2-02-001-02

Pollutant		Fuel used			Emission Factor(EMF)			Quantity emitted	
		SCC Code	Quantity	(units)	EMF	(units)	Source	(lbs/yr)	(tons/yr)
Total Suspended Particulates TSP	Prim.	2-02-001-02	45.0	gallons	42.47	lb/kgal	AP-42 Table 3.3-1[1]	1.91	0.00
	Sec.						dated 10/96.		
	Tert.								
	Quat.								
Sulfur Dioxide SO2	Prim.	2-02-001-02	45.0	gallons	39.73	lb/kgal	AP-42 Table 3.3-1	1.79	0.00
(If you completed Form Inv-A, you may	Sec.						dated 10/96.		
complete the last column only)	Tert.								
	Quat.								
Nitrogen Oxides NOx	Prim.	2-02-001-02	45.0	gallons	604	lb/kgal	AP-42 Table 3.3-1	27.18	0.01
(If you completed Form Inv-A you may	Sec.						dated 10/96.		
complete the last column only)	Tert.								
	Quat.								
Carbon Monoxide CO	Prim.	2-02-001-02	45.0	gallons	130.15	lb/kgal	AP-42 Table 3.3-1	5.86	0.00
	Sec.						dated 10/96.		
	Tert.								
	Quat.								
Non-Methane VOC	Prim.	2-02-001-02	45.0	gallons	49.32	lb/kgal	AP-42 Table 3.3-1[2]	2.22	0.00
Volatile Organic Compounds	Sec.						dated 10/96.		
	Tert.								
	Quat.								

Comments: Note 1: Based on cumulative particulate sizes up to and including PM-10.

Note 2: Based on an emission factor for non-methane total organic compounds.

Certification: These records are true and accurate to the best of my knowledge: Michael O'Hare | Licensing Manager | 4/6/10

Emission quantity reporting form Signature Title Date

Reporting Year 2009

EMISSIONS INVENTORY FORM INV-A

Source name:	Physical Address:	Mailing Address:
NextEra Energy Seabrook, LLC	NextEra Energy Seabrook, LLC 626 LAFAYETTE ROAD SEABROOK, NH 03874	NextEra Energy Seabrook, P. O. BOX 300 SEABROOK, NH 03874

Device name: OSB Diesel Generator 68-121 (EU07)

Permit Number if applicable: TV-OP-017

Ozone Season Operating Schedule (May 1 thru September 30)

Days/week: Weeks/Season: Days/Season:

Month	Fuel used	Fuel type	Wt % Sulfur	Actual Fuel Used	Units	MMBTUs	Emission Factor Units SO2	Emission Factor lb/kgal NOx	SO2 (lbs)	NOx (lbs)	Ozone Daily NOx Emissions (lbs/day)
Jan.	Primary	No. 2 Diesel	< 0.4	10.0	gallons		39.73	604	0.40	6.04	
	Secondary										
Feb.	Primary	No. 2 Diesel	< 0.4	2.0	gallons		39.73	604	0.08	1.21	
	Secondary										
Mar.	Primary	No. 2 Diesel	< 0.4	3.0	gallons		39.73	604	0.12	1.81	
	Secondary										
Apr.	Primary	No. 2 Diesel	< 0.4	3.0	gallons		39.73	604	0.12	1.81	
	Secondary										
May	Primary	No. 2 Diesel	< 0.4	3.0	gallons		39.73	604	0.12	1.81	0.06
	Secondary										
June	Primary	No. 2 Diesel	< 0.4	3.0	gallons		39.73	604	0.12	1.81	0.06
	Secondary										
July	Primary	No. 2 Diesel	< 0.4	3.0	gallons		39.73	604	0.12	1.81	0.06
	Secondary										
Aug.	Primary	No. 2 Diesel	< 0.4	3.0	gallons		39.73	604	0.12	1.81	0.06
	Secondary										
Sep.	Primary	No. 2 Diesel	< 0.4	3.0	gallons		39.73	604	0.12	1.81	0.06
	Secondary										
Oct.	Primary	No. 2 Diesel	< 0.4	3.0	gallons		39.73	604	0.12	1.81	
	Secondary										
Nov.	Primary	No. 2 Diesel	< 0.4	3.0	gallons		39.73	604	0.12	1.81	
	Secondary										
Dec.	Primary	No. 2 Diesel	< 0.4	8.0	gallons		39.73	604	0.32	4.83	
	Secondary										
Year	Primary	No. 2 Diesel	< 0.4	45.0	gallons		39.73	604	1.87	28.39	
(total)	Secondary										
	Tertiary										
						Tons SO2 and NOx:			0.00	0.01	

Comments:

Certification: These records are true and accurate to the best of my knowledge: Signature 4/6/10 Date

Monthly fuel use reporting form

Reporting Year 2009

EMISSIONS INVENTORY FORM INV-E1

Source name:	Physical Address: NextEra Energy Seabrook LLC	Mailing Address:
NextEra Energy Seabrook, LLC	626 Lafayette Road	NextEra Energy Seabrook, P. O. BOX 300
	Seabrook, NH 03874	Seabrook, NH 03874

Device name: GOB Diesel Generator 68-999 (EU08) | Permit Number if applicable: TV-OP-017

SIC Code (Standard Industrial Classification): 4911 | SCC Code (Source Classification Codes): 2-02-001-02

Pollutant		Fuel used			Emission Factor(EMF)			Quantity emitted	
		SCC Code	Quantity	(units)	EMF	(units)	Source	(lbs/yr)	(tons/yr)
Total Suspended Particulates TSP	Prim.	2-02-001-02	116.0	gallons	42.47	lb/kgal	AP-42 Table 3.3-1[1]	4.93	0.00
	Sec.						dated 10/96.		
	Tert.								
	Quat.								
Sulfur Dioxide SO2	Prim.	2-02-001-02	116.0	gallons	39.73	lb/kgal	AP-42 Table 3.3-1	4.61	0.00
(If you completed Form Inv-A, you may	Sec.						dated 10/96.		
complete the last column only)	Tert.								
	Quat.								
Nitrogen Oxides NOx	Prim.	2-02-001-02	116.0	gallons	604	lb/kgal	AP-42 Table 3.3-1	70.06	0.04
(If you completed Form Inv-A you may	Sec.						dated 10/96.		
complete the last column only)	Tert.								
	Quat.								
Carbon Monoxide CO	Prim.	2-02-001-02	116.0	gallons	130.15	lb/kgal	AP-42 Table 3.3-1	15.10	0.01
	Sec.						dated 10/96.		
	Tert.								
	Quat.								
Non-Methane VOC	Prim.	2-02-001-02	116.0	gallons	49.32	lb/kgal	AP-42 Table 3.3-1[2]	5.72	0.00
Volatile Organic Compounds	Sec.						dated 10/96.		
	Tert.								
	Quat.								

Comments: Note 1: Based on cumulative particulate sizes up to and including PM-10.

Note 2: Based on an emission factor for non-methane total organic compounds.

Certification: These records are true and accurate to the best of my knowledge: Mark O'Hara | Licensing Manager | 4/6/10

Emission quantity reporting form Signature Title Date

Reporting Year 2009

EMISSIONS INVENTORY FORM INV-A

Source name:	Physical Address:	Mailing Address:
NextEra Energy Seabrook, LLC	NextEra Energy Seabrook, LLC 626 LAFAYETTE ROAD SEABROOK, NH 03874	NextEra Energy Seabrook, P. O. BOX 300 SEABROOK, NH 03874

Device name: GOB Diesel Generator 68-999 (EU08)

Permit Number if applicable: TV-OP-017

Ozone Season Operating Schedule (May 1 thru September 30)

Days/week: Weeks/Season: Days/Season:

Month	Fuel used	Fuel type	Wt % Sulfur	Actual Fuel Used	Units	MMBTUs	Emission Factor Units SO2	Emission Factor lb/kgal NOx	SO2 (lbs)	NOx (lbs)	Ozone Daily NOx Emissions (lbs/day)
Jan.	Primary	No. 2 Diesel	< 0.4	14.0	gallons		39.73	604	0.56	8.46	
	Secondary										
Feb.	Primary	No. 2 Diesel	< 0.4	5.0	gallons		39.73	604	0.20	3.02	
	Secondary										
Mar.	Primary	No. 2 Diesel	< 0.4	5.0	gallons		39.73	604	0.20	3.02	
	Secondary										
Apr.	Primary	No. 2 Diesel	< 0.4	5.0	gallons		39.73	604	0.20	3.02	
	Secondary										
May	Primary	No. 2 Diesel	< 0.4	5.0	gallons		39.73	604	0.20	3.02	0.10
	Secondary										
June	Primary	No. 2 Diesel	< 0.4	5.0	gallons		39.73	604	0.20	3.02	0.10
	Secondary										
July	Primary	No. 2 Diesel	< 0.4	5.0	gallons		39.73	604	0.20	3.02	0.10
	Secondary										
Aug.	Primary	No. 2 Diesel	< 0.4	5.0	gallons		39.73	604	0.20	3.02	0.10
	Secondary										
Sep.	Primary	No. 2 Diesel	< 0.4	5.0	gallons		39.73	604	0.20	3.02	0.10
	Secondary										
Oct.	Primary	No. 2 Diesel	< 0.4	5.0	gallons		39.73	604	0.20	3.02	
	Secondary										
Nov.	Primary	No. 2 Diesel	< 0.4	5.0	gallons		39.73	604	0.20	3.02	
	Secondary										
Dec.	Primary	No. 2 Diesel	< 0.4	53.0	gallons		39.73	604	2.11	32.01	
	Secondary										
Year	Primary	No. 2 Diesel	< 0.4	116.0	gallons		39.73	604	4.65	70.67	
(total)	Secondary										
	Tertiary										
						Tons SO2 and NOx:			0.00	0.04	

Comments:

Certification: These records are true and accurate to the best of my knowledge: Signature 4/6/10 Date

Monthly fuel use reporting form

Reporting Year 2009

EMISSIONS INVENTORY FORM INV-E1

Source name:	Physical Address: NextEra Energy Seabrook LLC	Mailing Address:
NextEra Energy Seabrook, LLC	626 Lafayette Road	NextEra Energy Seabrook, P. O. BOX 300
	Seabrook, NH 03874	Seabrook, NH 03874

Device name: Sullair Air Compressor (EU09) | Permit Number if applicable: TV-OP-017

SIC Code (Standard Industrial Classification): 4911 | SCC Code (Source Classification Codes): 2-02-001-02

Pollutant		Fuel used				Emission Factor(EMF)			Quantity emitted	
			SCC Code	Quantity	(units)	EMF	(units)	Source	(lbs/yr)	(tons/yr)
Total Suspended Particulates	TSP	Prim.	2-02-001-02	332.0	gallons	42.47	lb/kgal	AP-42 Table 3.3-1[1]	14.10	0.01
		Sec.						dated 10/96.		
		Tert.								
		Quat.								
Sulfur Dioxide	SO2	Prim.	2-02-001-02	332.0	gallons	39.73	lb/kgal	AP-42 Table 3.3-1	13.19	0.01
(If you completed Form Inv-A, you may		Sec.						dated 10/96.		
complete the last column only)		Tert.								
		Quat.								
Nitrogen Oxides	NOx	Prim.	2-02-001-02	332.0	gallons	604	lb/kgal	AP-42 Table 3.3-1	200.53	0.10
(If you completed Form Inv-A you may		Sec.						dated 10/96.		
complete the last column only)		Tert.								
		Quat.								
Carbon Monoxide	CO	Prim.	2-02-001-02	332.0	gallons	130.15	lb/kgal	AP-42 Table 3.3-1	43.21	0.02
		Sec.						dated 10/96.		
		Tert.								
		Quat.								
Non-Methane	VOC	Prim.	2-02-001-02	332.0	gallons	49.32	lb/kgal	AP-42 Table 3.3-1[2]	16.37	0.01
Volatile Organic Compounds		Sec.						dated 10/96.		
		Tert.								
		Quat.								

Comments: Note 1: Based on cumulative particulate sizes up to and including PM-10.

Note 2: Based on an emission factor for non-methane total organic compounds.

Certification: These records are true and accurate to the best of my knowledge: Licensing Manager 4/6/10

Emission quantity reporting form Signature Title Date

Reporting Year 2009

EMISSIONS INVENTORY FORM INV-A

Source name:	Physical Address:	Mailing Address:
NextEra Energy Seabrook, LLC	NextEra Energy Seabrook, LLC 626 LAFAYETTE ROAD SEABROOK, NH 03874	NextEra Energy Seabrook, P. O. BOX 300 SEABROOK, NH 03874

Device name: Sullair Air Compressor (EU09)

Permit Number if applicable: TP-B-0507

Ozone Season Operating Schedule (May 1 thru September 30)

Days/week: Weeks/Season: Days/Season:

Month	Fuel used	Fuel type	Wt % Sulfur	Actual Fuel Used	Units	MMBTUs	Emission Factor Units SO2	Emission Factor Units NOx	SO2 (lbs)	NOx (lbs)	Ozone Daily NOx Emissions (lbs/day)
Jan.	Primary	No. 2 Diesel	< 0.4	47.0	gallons		39.73	604	1.87	28.39	
	Secondary										
Feb.	Primary	No. 2 Diesel	< 0.4	16.0	gallons		39.73	604	0.64	9.66	
	Secondary										
Mar.	Primary	No. 2 Diesel	< 0.4	28.0	gallons		39.73	604	1.11	16.91	
	Secondary										
Apr.	Primary	No. 2 Diesel	< 0.4	0.0	gallons		39.73	604	0.00	0.00	
	Secondary										
May	Primary	No. 2 Diesel	< 0.4	65.0	gallons		39.73	604	2.58	39.26	1.27
	Secondary										
June	Primary	No. 2 Diesel	< 0.4	33.0	gallons		39.73	604	1.31	19.93	0.66
	Secondary										
July	Primary	No. 2 Diesel	< 0.4	29.0	gallons		39.73	604	1.15	17.52	0.57
	Secondary										
Aug.	Primary	No. 2 Diesel	< 0.4	34.0	gallons		39.73	604	1.35	20.54	0.66
	Secondary										
Sep.	Primary	No. 2 Diesel	< 0.4	35.0	gallons		39.73	604	1.39	21.14	0.70
	Secondary										
Oct.	Primary	No. 2 Diesel	< 0.4	0.0	gallons		39.73	604	0.00	0.00	
	Secondary										
Nov.	Primary	No. 2 Diesel	< 0.4	15.0	gallons		39.73	604	0.60	9.06	
	Secondary										
Dec.	Primary	No. 2 Diesel	< 0.4	0.0	gallons		39.73	604	0.00	0.00	
	Secondary										
Year	Primary	No. 2 Diesel	< 0.4	332.0	gallons		39.73	604	12.00	182.41	
(total)	Secondary										
	Tertiary										
						Tons SO2 and NOx:			0.01	0.09	

Comments:

Certification: These records are true and accurate to the best of my knowledge: Signature 4/6/10 Date

Monthly fuel use reporting form

Speciation Summary
Year 2009

2009 REGULATED TOXIC AIR POLLUTANT SPECIATION SUMMARY:

CAS Number	Speciated Air Pollutant (Bold type indicates NH Regulated Toxic Air Pollutant)	EU01 Auxiliary Boiler #1 Emissions (lbs.)	EU02 Auxiliary Boiler #2 Emissions (lbs.)	Reference
7439-92-1	**Lead**	0.197215884	0.090619335	(Note 1)
7439-96-5	**Manganese**	0.131477256	0.06041289	(Note 1)
7439-97-6	**Mercury**	0.065738628	0.030206445	(Note 1)
7440-02-0	**Nickel**	0.065738628	0.030206445	(Note 1)
7440-31-5	**Tin**	0	0	(Note 1)
7440-38-2	**Arsenic**	0.087651504	0.04027526	(Note 1)
7440-41-7	**Beryllium**	0.065738628	0.030206445	(Note 1)
7440-43-9	**Cadmium**	0.065738628	0.030206445	(Note 1)
7440-47-3	**Chromium**	0.065738628	0.030206445	(Note 1)
7440-48-4	**Cobalt**	0	0	(Note 1)
7440-50-8	**Copper**	0.131477256	0.06041289	(Note 1)
7440-66-6	**Zinc**	0.087651504	0.04027526	(Note 1)
7782-49-2	**Selenium**	0.32869314	0.151032225	(Note 1)
10024-97-2	**Nitrous Oxide**	17.59428	8.08445	(Note 2)
	Polycyclic Organic Matter	0.5278284	0.2425335	(Note 3)
50-0-0	**Formaldehyde**	7.677504	3.52776	(Note 4)
	16-PAH	1.0956438	0.50344075	(Note 5)
50-32-8	**Benzo(a)pyrene**	0.000130601	6.00101E-05	(Note 5)
206-44-0	Fluoranthene	0.000418536	0.000192314	(Note 5)
91-20-3	**Naphthalene**	1.0956438	0.50344075	(Note 5)
129-00-0	**Pyrene**	0.00039224	0.000180232	(Note 5)
	Total	**28.18811588**	**12.95224434**	

Speciation Summary
Year 2009

CAS Number	Speciated Air Pollutant (Bold type indicates NH Regulated Toxic Air Pollutant)	EU03 Emergency Generator 1A Emissions (lbs.)	EU04 Emergency Generator 1B Emissions (lbs.)	Reference
71-43-2	**Benzene**	1.8924589	2.2051935	(Note 6)
108-88-3	**Toluene**	0.6854155	0.7986825	(Note 6)
1330-20-7	**Xylenes**	0.4699992	0.547668	(Note 6)
115-07-1	Propylene	6.8043066	7.928739	(Note 6)
50-0-0	**Formaldehyde**	0.1922724	0.224046	(Note 6)
75-07-0	**Acetaldehyde**	0.0623105	0.0726075	(Note 6)
107-02-8	**Acrolein**	0.0195833	0.0228195	(Note 6)
	PAH (Total) -	0.516287	0.601605	(Note 7)
91-20-3	**Naphthalene**	0.31707143	0.36946845	(Note 7)
208-96-8	Acenaphthylene	0.022511894	0.026232053	(Note 7)
83-32-9	Acenaphthene	0.011411723	0.013297545	(Note 7)
86-73-7	Fluorene	0.031219341	0.036378432	(Note 7)
85-01-8	**Phenanthrene**	0.099511649	0.115956252	(Note 7)
120-12-7	Anthracene	0.002999806	0.003495533	(Note 7)
206-44-0	Fluoranthene	0.009829036	0.011453315	(Note 7)
129-00-0	**Pyrene**	0.009049265	0.010544684	(Note 7)
56-55-3	**Benz(a)anthracene**	0.001516816	0.001767474	(Note 7)
218-01-9	**Chrysene**	0.003731509	0.004348152	(Note 7)
205-99-2	**Benzo(b)fluoranthene**	0.002707836	0.003155315	(Note 7)
207-08-9	Benzo(k)fluoranthene	0.00053231	0.000620276	(Note 7)
50-32-8	**Benzo(a)pyrene**	0.000626666	0.000730224	(Note 7)
193-39-5	Indeno(1,2,3-cd)pyrene	0.00100943	0.001176242	(Note 7)
53-73-3	Dibenz(a,h)anthracene	0.000843862	0.000983313	(Note 7)
191-24-2	Benzo(g,h,l)perylene	0.001356589	0.001580769	(Note 7)
	Total	**3.75625497**	**4.37698755**	

Speciation Summary
Year 2009

CAS Number	Speciated Air Pollutant (Bold type indicates NH Regulated Toxic Air Pollutant)	EU05 SEPS Diesel Generator 2A Emissions (lbs.)	EU06 SEPS Diesel Generator 2B Emissions (lbs.)	Reference
71-43-2	**Benzene**	0.2218481	0.2494861	(Note 6)
108-88-3	**Toluene**	0.0803495	0.0903595	(Note 6)
1330-20-7	**Xylenes**	0.0550968	0.0619608	(Note 6)
115-07-1	Propylene	0.7976514	0.8970234	(Note 6)
50-0-0	**Formaldehyde**	0.0225396	0.0253476	(Note 6)
75-07-0	**Acetaldehyde**	0.0073045	0.0082145	(Note 6)
107-02-8	**Acrolein**	0.0022957	0.0025817	(Note 6)
	PAH (Total) -	0.060523	0.068063	(Note 7)
91-20-3	**Naphthalene**	0.03716947	0.04180007	(Note 7)
208-96-8	Acenaphthylene	0.002639012	0.002967782	(Note 7)
83-32-9	Acenaphthene	0.001337767	0.001504427	(Note 7)
86-73-7	Fluorene	0.003659763	0.004115699	(Note 7)
85-01-8	**Phenanthrene**	0.011665495	0.013118791	(Note 7)
120-12-7	Anthracene	0.00035166	0.00039547	(Note 7)
206-44-0	Fluoranthene	0.001152233	0.001295779	(Note 7)
129-00-0	**Pyrene**	0.001060822	0.00119298	(Note 7)
56-55-3	**Benz(a)anthracene**	0.000177812	0.000199964	(Note 7)
218-01-9	**Chrysene**	0.000437435	0.000491931	(Note 7)
205-99-2	**Benzo(b)fluoranthene**	0.000317433	0.000356979	(Note 7)
207-08-9	Benzo(k)fluoranthene	6.24013E-05	7.01753E-05	(Note 7)
50-32-8	**Benzo(a)pyrene**	7.34624E-05	8.26144E-05	(Note 7)
193-39-5	Indeno(1,2,3-cd)pyrene	0.000118333	0.000133075	(Note 7)
53-73-3	Dibenz(a,h)anthracene	9.89238E-05	0.000111248	(Note 7)
191-24-2	Benzo(g,h,I)perylene	0.000159029	0.000178841	(Note 7)
	Total	**0.44033613**	**0.49519353**	

Speciation Summary
Year 2009

CAS Number	Speciated Air Pollutant (Bold type indicates NH Regulated Toxic Air Pollutant)	EU07 OSB Emergency Generator Emissions (lbs.)	EU08 GOB Emergency Generator Emissions (lbs.)	Reference
	Aldehydes	0.43155	1.11244	(Note 8)
71-43-2	**Benzene**	0.005751945	0.014827236	(Note 9)
108-88-3	**Toluene**	0.002521485	0.006499828	(Note 9)
1330-20-7	**Xylenes**	0.001757025	0.00452922	(Note 9)
115-07-1	Propylene	0.0159057	0.04100136	(Note 9)
106-99-0	**1,3-Butadiene**	0.000241052	0.000621377	(Note 9)
50-0-0	**Formaldehyde**	0.0072747	0.01875256	(Note 9)
75-07-0	**Acetaldehyde**	0.004728555	0.012189164	(Note 9)
107-02-8	**Acrolein**	0.000570263	0.00147001	(Note 9)
	PAH (Total) -	0.00103572	0.002669856	(Note 9)
91-20-3	**Naphthalene**	0.000522792	0.001347642	(Note 9)
208-96-8	Acenaphthylene	3.11949E-05	8.04135E-05	(Note 9)
83-32-9	Acenaphthene	8.7543E-06	2.25666E-05	(Note 9)
86-73-7	Fluorene	0.000180018	0.000464046	(Note 9)
85-01-8	**Phenanthrene**	0.000181251	0.000467225	(Note 9)
120-12-7	Anthracene	1.15286E-05	2.9718E-05	(Note 9)
206-44-0	Fluoranthene	4.69157E-05	0.000120938	(Note 9)
129-00-0	**Pyrene**	2.94687E-05	7.59638E-05	(Note 9)
56-55-3	**Benz(a)anthracene**	1.03572E-05	2.66986E-05	(Note 9)
218-01-9	**Chrysene**	2.17625E-06	5.60988E-06	(Note 9)
205-99-2	**Benzo(b)fluoranthene**	6.1092E-07	1.57482E-06	(Note 9)
207-08-9	Benzo(k)fluoranthene	9.55575E-07	2.46326E-06	(Note 9)
50-32-8	**Benzo(a)pyrene**	1.15902E-06	2.9877E-06	(Note 9)
193-39-5	Indeno(1,2,3-cd)pyrene	2.31188E-06	5.9595E-06	(Note 9)
53-73-3	Dibenz(a,h)anthracene	3.5942E-06	9.26504E-06	(Note 9)
191-24-2	Benzo(g,h,I)perylene	3.01469E-06	0	(Note 9)
	Total	**0.023592839**	**0.060817096**	

Speciation Summary
Year 2009

CAS Number	Speciated Air Pollutant (**Bold** type indicates NH Regulated Toxic Air Pollutant)	EU09 Sullair Air Compressor Emissions (lbs.)		Reference
	Aldehydes	3.18388		(Note 8)
71-43-2	**Benzene**	0.042436572		(Note 9)
108-88-3	**Toluene**	0.018602956		(Note 9)
1330-20-7	**Xylenes**	0.01296294		(Note 9)
115-07-1	Propylene	0.11734872		(Note 9)
106-99-0	**1,3-Butadiene**	0.001778424		(Note 9)
50-0-0	**Formaldehyde**	0.05367112		(Note 9)
75-07-0	**Acetaldehyde**	0.034886228		(Note 9)
107-02-8	**Acrolein**	0.00420727		(Note 9)
	PAH (Total) -	0.007641312		(Note 9)
91-20-3	**Naphthalene**	0.003857043		(Note 9)
208-96-8	Acenaphthylene	0.000230149		(Note 9)
83-32-9	Acenaphthene	6.45873E-05		(Note 9)
86-73-7	Fluorene	0.001328133		(Note 9)
85-01-8	**Phenanthrene**	0.00133723		(Note 9)
120-12-7	Anthracene	8.50551E-05		(Note 9)
206-44-0	Fluoranthene	0.000346133		(Note 9)
129-00-0	**Pyrene**	0.000217414		(Note 9)
56-55-3	**Benz(a)anthracene**	7.64131E-05		(Note 9)
218-01-9	**Chrysene**	1.60559E-05		(Note 9)
205-99-2	**Benzo(b)fluoranthene**	4.50723E-06		(Note 9)
207-08-9	Benzo(k)fluoranthene	7.05002E-06		(Note 9)
50-32-8	**Benzo(a)pyrene**	8.55099E-06		(Note 9)
193-39-5	Indeno(1,2,3-cd)pyrene	1.70565E-05		(Note 9)
53-73-3	Dibenz(a,h)anthracene	2.65172E-05		(Note 9)
191-24-2	Benzo(g,h,l)perylene	2.22417E-05		(Note 9)
	Total	**0.174062724**		

Speciation Summary
Year 2009

Notes:

1. Based on a diesel fuel heating value of .137 MMBtu/gal. and the following emission factors for trace elements, as presented in AP-42 Table 1.3-10, dated 9/98:

As	4 lb/10^{12} Btu
Be	3 lb/10^{12} Btu
Cd	3 lb/10^{12} Btu
Cr	3 lb/10^{12} Btu
Cu	6 lb/10^{12} Btu
Pb	9 lb/10^{12} Btu
Mn	6 lb/10^{12} Btu
Hg	3 lb/10^{12} Btu
Ni	3 lb/10^{12} Btu
Co	ND
Sb	ND
Se	15 lb/10^{12} Btu
Zn	4 lb/10^{12} Btu

2. Based on emission factor for N_2O of .11 lb/10^3 gal for distillate fuel combustion in industrial boilers as specified in Table 1.3-8 of AP-42, dated 9/98.

3. Based on emission factor for POM of .0033 lb/10^3 gal for distillate fuel combustion in industrial boilers as specified in Table 1.3-8 of AP-42, dated 9/98.

4. Based on emission factor for formaldehyde of .048 lb/10^3 gal for distillate fuel combustion in industrial boilers, based on the mean range of .035-.061 lb/103 gal specified in Table 1.3-8 of AP-42, dated 9/98.

5. Based on emission factor of 5.00E-05 lb/MMBtu for distillate fuel combustion in industrial boilers and a diesel fuel heating value of .137 MMBtu/gal. The 16-PAH factor includes:

Benzo(a)pyrene	<5.96E-09	lb/MMBtu
Fluoranthene	<1.91E-08	lb/MMBtu
Naphthalene	<5.00E-05	lb/MMBtu
Pyrene	<1.79E-08	lb/MMBtu

6. Based on a diesel fuel heating value of .137 MMBtu/gal and the following hazardous air pollutant emission factors for large diesel engines, as presented in AP-42 Table 3.4-3, dated 10/96:

Benzene	7.76E-04 lb/MMBtu
Toluene	2.81E-04 lb/MMBtu
Xylenes	1.93E-04 lb/MMBtu
Propylene	2.79E-03 lb/MMBtu
Formaldehyde	7.89E-05 lb/MMBtu
Acetaldehyde	2.52E-05 lb/MMBtu
Acrolein	7.88E-06 lb/MMBtu

Notes: **(continued)**

7. Based on a diesel fuel heating value of .137 MMBtu/gal. and an emission factor of 2.12E-04 lb/MMBtu for total polycyclic aromatic hydrocarbons for large diesel engines, as presented in AP-42 Table 3.4-4 dated 10/96. Emission factors for hydrocarbons in this category are:

Naphthalene	1.30E-04 lb/MMBtu
Acenaphthylene	9.23E-06 lb/MMBtu
Acenaphthene	4.68E-06 lb/MMBtu
Fluorene	1.28E-05 lb/MMBtu
Phenanthrene	4.08E-05 lb/MMBtu
Anthracene	1.23E-06 lb/MMBtu
Fluoranthene	4.03E-06 lb/MMBtu
Pyrene	3.71E-06 lb/MMBtu
Benz(a)anthracene	6.22E-07 lb/MMBtu
Chrysene	1.53E-06 lb/MMBtu
Benzo(b)fluoranthene	1.11E-06 lb/MMBtu
Benzo(k)fluoranthene	<2.18E-07 lb/MMBtu
Benzo(a)pyrene	<2.57E-07 lb/MMBtu
Indeno(1,2,3-cd)pyrene	<4.14E-07 lb/MMBtu
Dibenz(a,h)anthracene	<3.46E-07 lb/MMBtu
Benzo(g,h,l)perylene	<5.56E-07 lb/MMBtu

8. Based on a diesel fuel heating value of .137 MMBtu/gal. and an emission factor of .07 lb/MMBtu for aldehydes for uncontrolled diesel industrial engines, as presented in AP-42 Table 3.3-1, dated 10/96.

9. Based on a diesel fuel heating value of .137 MMBtu/gal and emission factors for speciated organic compounds from uncontrolled diesel engines as presented in AP-42 Table 3.3-2, dated 10/96.

10. Summation of Speciated Air Pollutants from all sources (tons) = 0.03

FPL Energy
Seabrook Station

FPL Energy Seabrook Station
P.O. Box 300
Seabrook, NH 03874
(603) 773-7000

April 15, 2009

SBK-L-09062

Title V Operating Permit
TV-OP-017

State of New Hampshire
Department of Environmental Services
Air Resources Division
29 Hazen Drive, P.O. Box 95
Concord, NH 03302-0095
ATTN: Emissions Inventory

Seabrook Station
2008 Emissions Report, NOx Report and Emissions-Based Fee Payment

FPL Energy Seabrook, LLC (FPL Energy Seabrook) has provided herein emissions data for 2008 for nine significant emission sources (EU01 – EU09) addressed in the facility Title V Operating Permit, TV-OP-017 issued June 5, 2006.

- Emissions data is provided on Air Resources Division Emissions Inventory Form INV-E1, per the requirements of Env-A 907, for nine significant emissions sources (EU01 – EU09).

- NOx and SO2 emission data is provided on Emissions Inventory Form INV-A, per the requirements of Env-A 909, for nine significant emission sources (EU01 – EU09).

- Speciation Summary data for individual regulated air pollutants per the requirements of Env-A 907.01(b)(4) is provided for nine significant emissions sources (EU01 – EU09).

- Operating logs for all emission units EU01 – EU09 are maintained at Seabrook Station. Operating hour limitations for all emergency generating units, EU03 – EU09, were complied with. Emergency generating units EU03 – EU09 are routinely tested during the year to verify operability. Seabrook Station's Auxiliary Boilers EU01 and EU02 are operated frequently throughout the year to maintain a ready condition to support station auxiliary steam demands should the primary source be unavailable.

Additionally, FPL Energy Seabrook has estimated emissions from insignificant activities at Seabrook Station during 2008 to be 1.6 tons. This category includes miscellaneous propane usage, three used oil space heaters and a heating boiler for fire protection water. The total estimated emissions from these sources (1.6 tons) is the median value for the five year period 1998 to 2002. During the five-year period from which the estimate is derived, fuel usage for each of the devices was monitored and emissions were calculated and reported in the annual emissions inventory reports. Per discussions with Mr. Sonny Strickland of NHDES and Mr. Allen Legendre of FPL Energy Seabrook on April 7, 2004, Mr. Strickland indicated that an estimate of insignificant emissions was acceptable in lieu of detailed reporting for this category.

FPL Energy Seabrook has enclosed the emission-based fee for calendar year 2008. This fee is remitted per Env-A 700 and the facility Title V Operating Permit (TV-OP-017).

The enclosed check in the amount of $ 4097.67 is based on the estimated emissions of 32.56 tons during reporting year 2008 at the rate of $ 125.85 per ton.

Should you require additional information, please contact Mrs. Sabre Hyland, Engineering Analyst, at (603) 773-7795.

Sincerely,

FPL ENERGY SEABROOK, LLC

Michael O'Keefe

Michael O'Keefe
Licensing Manager

CERTIFICATION OF ACCURACY STATEMENT

"I am authorized to make this submission on behalf of the facility for which the submission is made. Based on information and belief formed after reasonable inquiry, I certify that the statements and information in the enclosed documents are to the best of my knowledge and belief true, accurate and complete. I am aware that there are significant penalties for submitting false statements and information or omitting required statements and information, including the possibility of imprisonment."

FPL ENERGY SEABROOK, LLC

Michael O'Keefe

Michael O'Keefe
Licensing Manager

ENCLOSURE TO SBK-L-09062

Facility: FPL Energy Seabrook, LLC AFS #: _____

Compliance Report Cover Sheet

This cover sheet can be used to identify reports being submitted to the DES Air Resources Division's Compliance Bureau as a condition of a permit or any state or federal rule or regulation. Please identify the report type(s) being submitted and if a report is an original or revised report.

Report Types	Original	Revised/Re-Submitted
1. Title V Annual Compliance Certification	☐	☐
2. Title V Semiannual Permit Dev./Mon. report	☐	☐
3. Quarterly CEM (Excess) Emission Report	☐	☐
4. Quarterly CEM Cylinder Gas Audit	☐	☐
5. Quarterly CEM Opacity Audit	☐	☐
6. Quarterly CEM Relative Accuracy Audit	☐	☐
7. Flow Monitor Transducer Check	☐	☐
8. Annual Opacity 7-Day Drift Test	☐	☐
9. Quarterly CEM Acid Rain Linearity Audit	☐	☐
10. Initial CEM Monitoring Plan	☐	☐
11. Annual CEM QA/QC PLAN	☐	☐
11. Annual Emissions Report	☒	☐
12. Annual NOx Report	☒	☐
13. Annual VOC Report	☐	☐
14. Fuel Usage Report	☐	☐
15. Material Usage Report	☐	☐
16. Ammonia Usage Report	☐	☐
17. Monthly Cost and Quality of Fuels	☐	☐
18. Quarterly Pollutant Emissions Inventory	☐	☐
19. NSPS Landfill Surface Emission Monitoring	☐	☐
20. Monthly Landfill Gas Sulfur Content	☐	☐
21. Annual Odor Report	☐	☐
22. Hydrogen Sulfide Ambient Air Monitoring	☐	☐
23. Landfill NMVOC Annual Report	☐	☐
24. Other Report type: _____	☐	☐
25. Other Report type: _____	☐	☐
26. Other Report type: _____	☐	☐

Please submit reports to: NH DES Air Resources Division
29 Hazen Drive
P.O. Box 95
Concord, NH 03302-0095
Attention: Compliance Bureau

Reporting Year 2008

EMISSIONS INVENTORY FORM INV-E1

Source name:	Physical Address: FPL ENERGY SEABROOK LLC	Mailing Address:
FPL ENERGY SEABROOK, LLC	626 LAFAYETTE ROAD	FPL ENERGY SEABROOK, P. O. BOX 300
	SEABROOK, NH 03874	SEABROOK, NH 03874

Device name: Auxiliary Boiler #1 (EU01) | Permit Number if applicable: TV-OP-017

SIC Code (Standard Industrial Classification): 4911 | SCC Code (Source Classification Codes): 1-01-005-01

Pollutant		Fuel used				Emission Factor(EMF)			Quantity emitted	
			SCC Code	Quantity	(units)	EMF	(units)	Source	(lbs/yr)	(tons/yr)
Total Suspended Particulates	TSP	Prim.	1-01-005-01	155414	gallons	2.00	lb/kgal	AP-42 Table 1.3-6[1]	310.83	0.16
		Sec.						dated 9/98.		
		Tert.								
		Quat.								
Sulfur Dioxide	SO2	Prim.	1-01-005-01	155414	gallons	56.8	lb/kgal	AP-42 Table 1.3-1	8827.52	4.41
(If you completed Form Inv-A, you may		Sec.						dated 9/98.(Errata)		
complete the last column only)		Tert.								
		Quat.								
Nitrogen Oxides	NOx	Prim.	1-01-005-01	155414	gallons	24.0	lb/kgal	AP-42 Table 1.3-1	3729.94	1.86
(If you completed Form Inv-A you may		Sec.						dated 9/98.		
complete the last column only)		Tert.								
		Quat.								
Carbon Monoxide	CO	Prim.	1-01-005-01	155414	gallons	5.00	lb/kgal	AP-42 Table 1.3-1	777.07	0.39
		Sec.						dated 9/98.		
		Tert.								
		Quat.								
Non-Methane	VOC	Prim.	1-01-005-01	155414	gallons	0.2	lb/kgal	AP-42 Table 1.3-3[2]	31.08	0.02
Volatile Organic Compounds		Sec.						dated 9/98.		
		Tert.								
		Quat.								

Comments: Note 1: Based on an emission factor for TSP, total suspended particulates for uncontrolled industrial boilers firing distillate oil.
Note 2: Based on an emission factor for non-methane total organic compounds.

Certification: These records are true and accurate to the best of my knowledge: Licensing Manager 4/14/09

Emission quantity reporting form Signature Title Date

Reporting Year 2008

EMISSIONS INVENTORY FORM INV-A

Source name:	Physical Address:	Mailing Address:
FPL ENERGY SEABROOK, LLC	FPL ENERGY SEABROOK LLC 626 LAFAYETTE ROAD SEABROOK, NH 03874	FPL ENERGY SEABROOK, P. O. BOX 300 SEABROOK, NH 03874

Device name: Auxiliary Boiler #1 (EU01)

Permit Number if applicable: TV-OP-017

Ozone Season Operating Schedule (May 1 thru September 30)

Days/week: Weeks/Season: Days/Season:

Month	Fuel used	Fuel type	Wt % Sulfur	Actual Fuel Used	Units	MMBTUs	Emission Factor Units SO2	Emission Factor Units lb/kgal NOx	SO2 (lbs)	NOx (lbs)	Ozone Daily NOx Emissions (lbs/day)
Jan.	Primary	No. 2 Diesel	< 0.4	75,497	gallons	226.5	56.8	24	4288.23	1811.93	
	Secondary										
Feb.	Primary	No. 2 Diesel	< 0.4	1,885	gallons	226.5	56.8	24	107.07	45.24	
	Secondary										
Mar.	Primary	No. 2 Diesel	< 0.4	5,724	gallons	226.5	56.8	24	325.12	137.38	
	Secondary										
Apr.	Primary	No. 2 Diesel	< 0.4	40,633	gallons	226.5	56.8	24	2307.95	975.19	
	Secondary										
May	Primary	No. 2 Diesel	< 0.4	21,929	gallons	226.5	56.8	24	1245.57	526.30	16.98
	Secondary										
June	Primary	No. 2 Diesel	< 0.4	6,079	gallons	226.5	56.8	24	345.29	145.90	4.86
	Secondary										
July	Primary	No. 2 Diesel	< 0.4	0	gallons	226.5	56.8	24	0.00	0.00	0.00
	Secondary										
Aug.	Primary	No. 2 Diesel	< 0.4	72	gallons	226.5	56.8	24	4.09	1.73	0.06
	Secondary										
Sep.	Primary	No. 2 Diesel	< 0.4	2,474	gallons	226.5	56.8	24	140.52	59.38	1.98
	Secondary										
Oct.	Primary	No. 2 Diesel	< 0.4	1,038	gallons	226.5	56.8	24	58.96	24.91	
	Secondary										
Nov.	Primary	No. 2 Diesel	< 0.4	0	gallons	226.5	56.8	24	0.00	0.00	
	Secondary										
Dec.	Primary	No. 2 Diesel	< 0.4	183	gallons	226.5	56.8	24	10.39	4.39	
	Secondary										
Year	Primary	No. 2 Diesel	< 0.4	155,414	gallons	226.5	56.8	24	8833.20	3732.34	
(total)	Secondary										
	Tertiary										
						Tons SO2 and NOx:			4.42	1.87	

Comments:

Certification: These records are true and accurate to the best of my knowledge: Michael O'Keefe 4/14/09

Signature Date

Monthly fuel use reporting form

Reporting Year 2008

EMISSIONS INVENTORY FORM INV-E1

Source name:	Physical Address: FPL ENERGY SEABROOK LLC	Mailing Address:
FPL ENERGY SEABROOK, LLC	626 LAFAYETTE ROAD	FPL ENERGY SEABROOK, P. O. BOX 300
	SEABROOK, NH 03874	SEABROOK, NH 03874

Device name: Auxiliary Boiler #2 (EU02) | Permit Number if applicable: TV-OP-017

SIC Code (Standard Industrial Classification): 4911 | SCC Code (Source Classification Codes): 1-01-005-01

Pollutant		Fuel used			Emission Factor(EMF)			Quantity emitted	
		SCC Code	Quantity	(units)	EMF	(units)	Source	(lbs/yr)	(tons/yr)
Total Suspended Particulates TSP	Prim.	1-01-005-01	177,238	gallons	2.00	lb/kgal	AP-42 Table 1.3-6[1]	354.48	0.18
	Sec.						dated 9/98.		
	Tert.								
	Quat.								
Sulfur Dioxide SO2	Prim.	1-01-005-01	177,238	gallons	56.8	lb/kgal	AP-42 Table 1.3-1	10067.12	5.03
(If you completed Form Inv-A, you may	Sec.						dated 9/98.(Errata)		
complete the last column only)	Tert.								
	Quat.								
Nitrogen Oxides NOx	Prim.	1-01-005-01	177,238	gallons	24.0	lb/kgal	AP-42 Table 1.3-1	4253.71	2.13
(If you completed Form Inv-A you may	Sec.						dated 9/98.		
complete the last column only)	Tert.								
	Quat.								
Carbon Monoxide CO	Prim.	1-01-005-01	177,238	gallons	5.00	lb/kgal	AP-42 Table 1.3-1	886.19	0.44
	Sec.						dated 9/98.		
	Tert.								
	Quat.								
Non-Methane VOC	Prim.	1-01-005-01	177,238	gallons	0.2	lb/kgal	AP-42 Table 1.3-3[2]	35.45	0.02
Volatile Organic Compounds	Sec.						dated 9/98.		
	Tert.								
	Quat.								

Comments: Note 1: Based on an emission factor for TSP, total suspended particulates for uncontrolled industrial boilers firing distillate oil.

Note 2: Based on an emission factor for non-methane total organic compounds.

Certification: These records are true and accurate to the best of my knowledge: Licensing Manager 4/14/09

Emission quantity reporting form Signature Title Date

Reporting Year 2008

EMISSIONS INVENTORY FORM INV-A

Source name:	Physical Address:	Mailing Address:
FPL ENERGY SEABROOK, LLC	FPL ENERGY SEABROOK LLC 626 LAFAYETTE ROAD SEABROOK, NH 03874	FPL ENERGY SEABROOK, P. O. BOX 300 SEABROOK, NH 03874

Device name: Auxiliary Boiler #2 (EU02)

Permit Number if applicable: TV-OP-017

Ozone Season Operating Schedule (May 1 thru September 30)

Days/week: Weeks/Season: Days/Season:

Month	Fuel used	Fuel type	Wt % Sulfur	Actual Fuel Used	Units	MMBTUs	Emission Factor Units SO2	Emission Factor Units lb/kgal NOx	SO2 (lbs)	NOx (lbs)	Ozone Daily NOx Emissions (lbs/day)
Jan.	Primary	No. 2 Diesel	< 0.4	61,526	gallons	226.5	56.8	24	3494.68	1476.62	
	Secondary										
Feb.	Primary	No. 2 Diesel	< 0.4	340	gallons	226.5	56.8	24	19.31	8.16	
	Secondary										
Mar.	Primary	No. 2 Diesel	< 0.4	4,208	gallons	226.5	56.8	24	239.01	100.99	
	Secondary										
Apr.	Primary	No. 2 Diesel	< 0.4	74,540	gallons	226.5	56.8	24	4233.87	1788.96	
	Secondary										
May	Primary	No. 2 Diesel	< 0.4	23,918	gallons	226.5	56.8	24	1358.54	574.03	18.52
	Secondary										
June	Primary	No. 2 Diesel	< 0.4	2,039	gallons	226.5	56.8	24	115.82	48.94	1.63
	Secondary										
July	Primary	No. 2 Diesel	< 0.4	140	gallons	226.5	56.8	24	7.95	3.36	0.11
	Secondary										
Aug.	Primary	No. 2 Diesel	< 0.4	1,568	gallons	226.5	56.8	24	89.06	37.63	1.21
	Secondary										
Sep.	Primary	No. 2 Diesel	< 0.4	1,293	gallons	226.5	56.8	24	73.44	31.03	1.03
	Secondary										
Oct.	Primary	No. 2 Diesel	< 0.4	2,258	gallons	226.5	56.8	24	128.25	54.19	
	Secondary										
Nov.	Primary	No. 2 Diesel	< 0.4	2,474	gallons	226.5	56.8	24	140.52	59.38	
	Secondary										
Dec.	Primary	No. 2 Diesel	< 0.4	2,934	gallons	226.5	56.8	24	166.65	70.42	
	Secondary										
Year	Primary	No. 2 Diesel	< 0.4	177,238	gallons	226.5	56.8	24	10067.12	4253.71	
(total)	Secondary										
	Tertiary										
						Tons SO2 and NOx:			5.03	2.13	

Comments:

Certification: These records are true and accurate to the best of my knowledge: Michael O'Keefe 4/17/09

Signature Date

Monthly fuel use reporting form

Reporting Year 2008

EMISSIONS INVENTORY FORM INV-E1

Source name:	Physical Address: FPL ENERGY SEABROOK LLC	Mailing Address:
FPL ENERGY SEABROOK, LLC	626 LAFAYETTE ROAD	FPL ENERGY SEABROOK, P. O. BOX 300
	SEABROOK, NH 03874	SEABROOK, NH 03874

Device name: Emergency Diesel Generator 1A (EU03) | Permit Number if applicable: TV-OP-017

SIC Code (Standard Industrial Classification): 4911 | SCC Code (Source Classification Codes): 2-02-004-01

Pollutant		Fuel used			Emission Factor(EMF)			Quantity emitted	
		SCC Code	Quantity	(units)	EMF	(units)	Source	(lbs/yr)	(tons/yr)
Total Suspended Particulates TSP	Prim.	2-02-004-01	22,261	gallons	8.494	lb/kgal	AP-42 Table 3.4-2[1]	189.08	0.09
	Sec.						dated 10/96.		
	Tert.								
	Quat.								
Sulfur Dioxide SO2	Prim.	2-02-004-01	22,261	gallons	6.918	lb/kgal	AP-42 Table 3.4-1	154.00	0.08
(If you completed Form Inv-A, you may	Sec.						dated 10/96.		
complete the last column only)	Tert.								
	Quat.								
Nitrogen Oxides NOx	Prim.	2-02-004-01	22,261	gallons	438.4	lb/kgal	AP-42 Table 3.4-1	9759.22	4.88
(If you completed Form Inv-A you may	Sec.						dated 10/96.		
complete the last column only)	Tert.								
	Quat.								
Carbon Monoxide CO	Prim.	2-02-004-01	22,261	gallons	116.45	lb/kgal	AP-42 Table 3.4-1	2592.29	1.30
	Sec.						dated 10/96.		
	Tert.								
	Quat.								
Non-Methane VOC	Prim.	2-02-004-01	22,261	gallons	11.22	lb/kgal	AP-42 Table 3.4-1[2]	249.77	0.12
Volatile Organic Compounds	Sec.						dated 10/96.		
	Tert.								
	Quat.								

Comments: Note 1: Based on an emission factor for total filterable particulates of .0620 lb/MMBtu for large stationary diesel engines.

Note 2: Based on an emission factor for non-methane total organic compounds.

Certification: These records are true and accurate to the best of my knowledge: Mark O'Rourke | Licensing Manager | 4/17/09

Emission quantity reporting form Signature Title Date

Reporting Year 2008

EMISSIONS INVENTORY FORM INV-A

Source name:	Physical Address:	Mailing Address:
FPL ENERGY SEABROOK, LLC	FPL ENERGY SEABROOK LLC 626 LAFAYETTE ROAD SEABROOK, NH 03874	FPL ENERGY SEABROOK, P. O. BOX 300 SEABROOK, NH 03874

Device name: Emergency Diesel Generator 1A (EU03)

Permit Number if applicable: TV-OP-017

Ozone Season Operating Schedule (May 1 thru September 30)

Days/week: Weeks/Season: Days/Season:

Month	Fuel used	Fuel type	Wt % Sulfur	Actual Fuel Used	Units	MMBTUs	Emission Factor Units SO2	Emission Factor Units NOx (lb/kgal)	SO2 (lbs)	NOx (lbs)	Ozone Daily NOx Emissions (lbs/day)
Jan.	Primary	On-road diesel	< 0.05	967	gallons	226.5	6.918	438.4	6.69	423.93	
	Secondary										
Feb.	Primary	On-road diesel	< 0.05	624	gallons	226.5	6.918	438.4	4.32	273.56	
	Secondary										
Mar.	Primary	On-road diesel	< 0.05	886	gallons	226.5	6.918	438.4	6.13	388.42	
	Secondary										
Apr.	Primary	On-road diesel	< 0.05	771	gallons	226.5	6.918	438.4	5.33	338.01	
	Secondary										
May	Primary	On-road diesel	< 0.05	2,636	gallons	226.5	6.918	438.4	18.24	1155.62	37.28
	Secondary										
June	Primary	On-road diesel	< 0.05	8,621	gallons	226.5	6.918	438.4	59.64	3779.45	125.98
	Secondary										
July	Primary	On-road diesel	< 0.05	2,097	gallons	226.5	6.918	438.4	14.51	919.32	29.66
	Secondary										
Aug.	Primary	On-road diesel	< 0.05	2,100	gallons	226.5	6.918	438.4	14.53	920.64	29.70
	Secondary										
Sep.	Primary	On-road diesel	< 0.05	1,055	gallons	226.5	6.918	438.4	7.30	462.51	15.42
	Secondary										
Oct.	Primary	On-road diesel	< 0.05	702	gallons	226.5	6.918	438.4	4.86	307.76	
	Secondary										
Nov.	Primary	On-road diesel	< 0.05	758	gallons	226.5	6.918	438.4	5.24	332.31	
	Secondary										
Dec.	Primary	On-road diesel	< 0.05	1,045	gallons	226.5	6.918	438.4	7.23	458.13	
	Secondary										
Year (total)	Primary	On-road diesel	< 0.05	22,261	gallons	226.5	6.918	438.4	154.01	9759.66	
	Secondary										
	Tertiary										
						Tons SO2 and NOx:			0.08	4.88	

Comments:

Certification: These records are true and accurate to the best of my knowledge: Michael O'Keefe 4/14/09

Signature Date

Monthly fuel use reporting form

Reporting Year 2008

EMISSIONS INVENTORY FORM INV-E1

Source name:	Physical Address: FPL ENERGYSEABROOK LLC	Mailing Address:
FPL ENERGY SEABROOK, LLC	626 LAFAYETTE ROAD	FPL ENERGY SEABROOK, P. O. BOX 300
	SEABROOK, NH 03874	SEABROOK, NH 03874

Device name: Emergency Diesel Generator 1B (EU04) | Permit Number if applicable: TV-OP-017

SIC Code (Standard Industrial Classification): 4911 | SCC Code (Source Classification Codes): 2-02-004-01

Pollutant		Fuel used			Emission Factor(EMF)			Quantity emitted	
		SCC Code	Quantity	(units)	EMF	(units)	Source	(lbs/yr)	(tons/yr)
Total Suspended Particulates TSP	Prim.	2-02-004-01	28,083	gallons	8.494	lb/kgal	AP-42 Table 3.4-2[1]	238.54	0.12
	Sec.						dated 10/96.		
	Tert.								
	Quat.								
Sulfur Dioxide SO2	Prim.	2-02-004-01	28,083	gallons	6.918	lb/kgal	AP-42 Table 3.4-1	194.28	0.10
(If you completed Form Inv-A, you may	Sec.						dated 10/96.		
complete the last column only)	Tert.								
	Quat.								
Nitrogen Oxides NOx	Prim.	2-02-004-01	28,083	gallons	438.4	lb/kgal	AP-42 Table 3.4-1	12311.59	6.16
(If you completed Form Inv-A you may	Sec.						dated 10/96.		
complete the last column only)	Tert.								
	Quat.								
Carbon Monoxide CO	Prim.	2-02-004-01	28,083	gallons	116.45	lb/kgal	AP-42 Table 3.4-1	3270.27	1.64
	Sec.						dated 10/96.		
	Tert.								
	Quat.								
Non-Methane VOC	Prim.	2-02-004-01	28,083	gallons	11.22	lb/kgal	AP-42 Table 3.4-1[2]	315.09	0.16
Volatile Organic Compounds	Sec.						dated 10/96.		
	Tert.								
	Quat.								

Comments: Note 1: Based on an emission factor for total filterable particulates of .0620 lb/MMBtu for large stationary diesel engines.
Note 2: Based on an emission factor for non-methane total organic compounds.

Certification: These records are true and accurate to the best of my knowledge: Licensing Manager 4/14/09

Emission quantity reporting form Signature Title Date

INV-A

Reporting Year 2008

EMISSIONS INVENTORY FORM INV-A

Source name:	Physical Address:	FPL ENERGY SEABROOK LLC	Mailing Address:
FPL ENERGY SEABROOK, LLC		626 LAFAYETTE ROAD	FPL ENERGY SEABROOK, P. O. BOX 300
		SEABROOK, NH 03874	SEABROOK, NH 03874

Device name: Emergency Diesel Generator 1B (EU04) | Permit Number if applicable: TV-OP-017

Ozone Season Operating Schedule (May 1 thru September 30)

Days/week: Weeks/Season: Days/Season:

Month	Fuel used	Fuel type	Wt % Sulfur	Actual Fuel Used	Units	MMBTUs	Emission Factor Units lb/kgal SO2	Emission Factor Units lb/kgal NOx	SO2 (lbs)	NOx (lbs)	Ozone Daily NOx Emissions (lbs/day)
Jan.	Primary	On-road diesel	< 0.05	727	gallons	226.5	6.918	438.4	5.03	318.72	
	Secondary										
Feb.	Primary	On-road diesel	< 0.05	1,950	gallons	226.5	6.918	438.4	13.49	854.88	
	Secondary										
Mar.	Primary	On-road diesel	< 0.05	705	gallons	226.5	6.918	438.4	4.88	309.07	
	Secondary										
Apr.	Primary	On-road diesel	< 0.05	633	gallons	226.5	6.918	438.4	4.38	277.51	
	Secondary										
May	Primary	On-road diesel	< 0.05	2,767	gallons	226.5	6.918	438.4	19.14	1213.05	39.13
	Secondary										
June	Primary	On-road diesel	< 0.05	7,591	gallons	226.5	6.918	438.4	52.51	3327.89	110.93
	Secondary										
July	Primary	On-road diesel	< 0.05	2,128	gallons	226.5	6.918	438.4	14.72	932.92	30.09
	Secondary										
Aug.	Primary	On-road diesel	< 0.05	1,036	gallons	226.5	6.918	438.4	7.17	454.18	14.65
	Secondary										
Sep.	Primary	On-road diesel	< 0.05	8,090	gallons	226.5	6.918	438.4	55.97	3546.66	118.22
	Secondary										
Oct.	Primary	On-road diesel	< 0.05	802	gallons	226.5	6.918	438.4	5.55	351.60	
	Secondary										
Nov.	Primary	On-road diesel	< 0.05	796	gallons	226.5	6.918	438.4	5.51	348.97	
	Secondary										
Dec.	Primary	On-road diesel	< 0.05	858	gallons	226.5	6.918	438.4	5.94	376.15	
	Secondary										
Year	Primary	On-road diesel	< 0.05	28,083	gallons	226.5	6.918	438.4	194.28	12311.59	
(total)	Secondary										
	Tertiary										
						Tons SO2 and NOx:			0.10	6.16	

Comments:

Certification: These records are true and accurate to the best of my knowledge: Signature 4/14/09 Date

Monthly fuel use reporting form

Reporting Year 2008

EMISSIONS INVENTORY FORM INV-E1

Source name:	Physical Address: FPL ENERGY SEABROOK LLC	Mailing Address:
FPL ENERGY SEABROOK, LLC	626 LAFAYETTE ROAD	FPL ENERGY SEABROOK, P. O. BOX 300
	SEABROOK, NH 03874	SEABROOK, NH 03874

Device name: SEPS Diesel Generator 2A (EU05) | Permit Number if applicable: TV-OP-017

SIC Code (Standard Industrial Classification): 4911 | SCC Code (Source Classification Codes): 2-02-004-01

Pollutant		Fuel used			Emission Factor(EMF)			Quantity emitted	
		SCC Code	Quantity	(units)	EMF	(units)	Source	(lbs/yr)	(tons/yr)
Total Suspended Particulates TSP	Prim.	2-02-004-01	1,988	gallons	8.494	lb/kgal	AP-42 Table 3.4-2[1]	16.89	0.01
	Sec.						dated 10/96.		
	Tert.								
	Quat.								
Sulfur Dioxide SO2	Prim.	2-02-004-01	1,988	gallons	6.918	lb/kgal	AP-42 Table 3.4-1	13.75	0.01
(If you completed Form Inv-A, you may	Sec.						dated 10/96.		
complete the last column only)	Tert.								
	Quat.								
Nitrogen Oxides NOx	Prim.	2-02-004-01	1,988	gallons	438.4	lb/kgal	AP-42 Table 3.4-1	871.54	0.44
(If you completed Form Inv-A you may	Sec.						dated 10/96.		
complete the last column only)	Tert.								
	Quat.								
Carbon Monoxide CO	Prim.	2-02-004-01	1,988	gallons	116.45	lb/kgal	AP-42 Table 3.4-1	231.50	0.12
	Sec.						dated 10/96.		
	Tert.								
	Quat.								
Non-Methane VOC	Prim.	2-02-004-01	1,988	gallons	11.22	lb/kgal	AP-42 Table 3.4-1[2]	22.31	0.01
Volatile Organic Compounds	Sec.						dated 10/96.		
	Tert.								
	Quat.								

Comments: Note 1: Based on an emission factor for total filterable particulates of .0620 lb/MMBtu for large stationary diesel engines.
Note 2: Based on an emission factor for non-methane total organic compounds.

Certification: These records are true and accurate to the best of my knowledge: Licensing Manager 9/14/09

Emission quantity reporting form Signature Title Date

Reporting Year 2008

EMISSIONS INVENTORY FORM INV-A

Source name:	Physical Address:	FPL ENERGY SEABROOK	Mailing Address:
FPL ENERGY SEABROOK, LLC		626 LAFAYETTE ROAD	FPL ENERGY SEABROOK, P. O. BOX 300
		SEABROOK, NH 03874	SEABROOK, NH 03874

Device name: SEPS Diesel Generator 2A (EU05) | Permit Number if applicable: TP-B-0498

Ozone Season Operating Schedule (May 1 thru September 30)

Days/week: Weeks/Season: Days/Season:

Month	Fuel used	Fuel type	Wt % Sulfur	Actual Fuel Used	Units	MMBTUs	Emission Factor Units SO2	Emission Factor lb/kgal NOx	SO2 (lbs)	NOx (lbs)	Ozone Daily NOx Emissions (lbs/day)
Jan.	Primary	On-road diesel	< 0.05	137	gallons	226.5	6.918	438.4	0.95	60.06	
	Secondary										
Feb.	Primary	On-road diesel	< 0.05	119	gallons	226.5	6.918	438.4	0.82	52.17	
	Secondary										
Mar.	Primary	On-road diesel	< 0.05	125	gallons	226.5	6.918	438.4	0.86	54.80	
	Secondary										
Apr.	Primary	On-road diesel	< 0.05	114	gallons	226.5	6.918	438.4	0.79	49.98	
	Secondary										
May	Primary	On-road diesel	< 0.05	231	gallons	226.5	6.918	438.4	1.60	101.27	3.27
	Secondary										
June	Primary	On-road diesel	< 0.05	131	gallons	226.5	6.918	438.4	0.91	57.43	1.91
	Secondary										
July	Primary	On-road diesel	< 0.05	101	gallons	226.5	6.918	438.4	0.70	44.28	1.43
	Secondary										
Aug.	Primary	On-road diesel	< 0.05	142	gallons	226.5	6.918	438.4	0.98	62.25	2.01
	Secondary										
Sep.	Primary	On-road diesel	< 0.05	247	gallons	226.5	6.918	438.4	1.71	108.28	3.61
	Secondary										
Oct.	Primary	On-road diesel	< 0.05	270	gallons	226.5	6.918	438.4	1.87	118.37	
	Secondary										
Nov.	Primary	On-road diesel	< 0.05	191	gallons	226.5	6.918	438.4	1.32	83.73	
	Secondary										
Dec.	Primary	On-road diesel	< 0.05	180	gallons	226.5	6.918	438.4	1.25	78.91	
	Secondary										
Year (total)	Primary	On-road diesel	< 0.05	1,988	gallons	226.5	6.918	438.4	13.75	871.54	
	Secondary										
	Tertiary										
						Tons SO2 and NOx:			0.01	0.44	

Comments:

Certification: These records are true and accurate to the best of my knowledge: Signature 4/14/09 Date

Monthly fuel use reporting form

Reporting Year 2008

EMISSIONS INVENTORY FORM INV-E1

Source name:	Physical Address: FPL ENERGY SEABROOK LLC	Mailing Address:
FPL ENERGY SEABROOK, LLC	626 LAFAYETTE ROAD	FPL ENERGYSEABROOK, P. O. BOX 300
	SEABROOK, NH 03874	SEABROOK, NH 03874

Device name: SEPS Diesel Generator 2B (EU06) | Permit Number if applicable: TV-OP-017

SIC Code (Standard Industrial Classification): 4911 | SCC Code (Source Classification Codes): 2-02-004-01

Pollutant		Fuel used			Emission Factor(EMF)			Quantity emitted	
		SCC Code	Quantity	(units)	EMF	(units)	Source	(lbs/yr)	(tons/yr)
Total Suspended Particulates TSP	Prim.	2-02-004-01	2,164	gallons	8.494	lb/kgal	AP-42 Table 3.4-2[1]	18.38	0.01
	Sec.						dated 10/96.		
	Tert.								
	Quat.								
Sulfur Dioxide SO2	Prim.	2-02-004-01	2,164	gallons	6.918	lb/kgal	AP-42 Table 3.4-1	14.97	0.01
(If you completed Form Inv-A, you may	Sec.						dated 10/96.		
complete the last column only)	Tert.								
	Quat.								
Nitrogen Oxides NOx	Prim.	2-02-004-01	2,164	gallons	438.4	lb/kgal	AP-42 Table 3.4-1	948.70	0.47
(If you completed Form Inv-A you may	Sec.						dated 10/96.		
complete the last column only)	Tert.								
	Quat.								
Carbon Monoxide CO	Prim.	2-02-004-01	2,164	gallons	116.45	lb/kgal	AP-42 Table 3.4-1	252.00	0.13
	Sec.						dated 10/96.		
	Tert.								
	Quat.								
Non-Methane VOC	Prim.	2-02-004-01	2,164	gallons	11.22	lb/kgal	AP-42 Table 3.4-1[2]	24.28	0.01
Volatile Organic Compounds	Sec.						dated 10/96.		
	Tert.								
	Quat.								

Comments: Note 1: Based on an emission factor for total filterable particulates of .0620 lb/MMBtu for large stationary diesel engines.
Note 2: Based on an emission factor for non-methane total organic compounds.

Certification: These records are true and accurate to the best of my knowledge: Signature [signature] Title Licensing Manager Date 4/14/09

Emission quantity reporting form

Reporting Year 2008

EMISSIONS INVENTORY FORM INV-A

Source name:	Physical Address:	Mailing Address:
FPL ENERGY SEABROOK, LLC	FPL ENERGY SEABROOK LLC 626 LAFAYETTE ROAD SEABROOK, NH 03874	FPL ENERGY SEABROOK, P. O. BOX 300 SEABROOK, NH 03874

Device name: SEPS Diesel Generator 2B (EU06)

Permit Number if applicable: TP-B-0498

Ozone Season Operating Schedule (May 1 thru September 30)

Days/week: Weeks/Season: Days/Season:

Month	Fuel used	Fuel type	Wt % Sulfur	Actual Fuel Used	Units	MMBTUs	Emission Factor Units lb/kgal SO2	Emission Factor Units lb/kgal NOx	SO2 (lbs)	NOx (lbs)	Ozone Daily NOx Emissions (lbs/day)
Jan.	Primary	On-road diesel	< 0.05	133	gallons	226.5	6.918	438.4	0.92	58.31	
	Secondary										
Feb.	Primary	On-road diesel	< 0.05	159	gallons	226.5	6.918	438.4	1.10	69.71	
	Secondary										
Mar.	Primary	On-road diesel	< 0.05	140	gallons	226.5	6.918	438.4	0.97	61.38	
	Secondary										
Apr.	Primary	On-road diesel	< 0.05	127	gallons	226.5	6.918	438.4	0.88	55.68	
	Secondary										
May	Primary	On-road diesel	< 0.05	234	gallons	226.5	6.918	438.4	1.62	102.59	3.31
	Secondary										
June	Primary	On-road diesel	< 0.05	132	gallons	226.5	6.918	438.4	0.91	57.87	1.93
	Secondary										
July	Primary	On-road diesel	< 0.05	118	gallons	226.5	6.918	438.4	0.82	51.73	1.67
	Secondary										
Aug.	Primary	On-road diesel	< 0.05	152	gallons	226.5	6.918	438.4	1.05	66.64	2.15
	Secondary										
Sep.	Primary	On-road diesel	< 0.05	261	gallons	226.5	6.918	438.4	1.81	114.42	3.81
	Secondary										
Oct.	Primary	On-road diesel	< 0.05	321	gallons	226.5	6.918	438.4	2.22	140.73	
	Secondary										
Nov.	Primary	On-road diesel	< 0.05	205	gallons	226.5	6.918	438.4	1.42	89.87	
	Secondary										
Dec.	Primary	On-road diesel	< 0.05	182	gallons	226.5	6.918	438.4	1.26	79.79	
	Secondary										
Year	Primary	On-road diesel	< 0.05	2,164	gallons	226.5	6.918	438.4	14.97	948.70	
(total)	Secondary										
	Tertiary										
						Tons SO2 and NOx:			0.01	0.47	

Comments:

Certification: These records are true and accurate to the best of my knowledge: Michael O'Keefe 4/14/09

Signature Date

Monthly fuel use reporting form

Reporting Year 2008

EMISSIONS INVENTORY FORM INV-E1

Source name:	Physical Address: FPL ENERGY SEABROOK LLC	Mailing Address:
FPL ENERGY SEABROOK, LLC	626 LAFAYETTE ROAD	FPL ENERGY SEABROOK, P. O. BOX 300
	SEABROOK, NH 03874	SEABROOK, NH 03874

Device name: OSB Diesel Generator 68-121 (EU07) | Permit Number if applicable: TV-OP-017

SIC Code (Standard Industrial Classification): 4911 | SCC Code (Source Classification Codes): 2-02-001-02

Pollutant		Fuel used			Emission Factor(EMF)			Quantity emitted	
		SCC Code	Quantity	(units)	EMF	(units)	Source	(lbs/yr)	(tons/yr)
Total Suspended Particulates TSP	Prim.	2-02-001-02	247.5	gallons	42.47	lb/kgal	AP-42 Table 3.3-1[1]	10.51	0.01
	Sec.						dated 10/96.		
	Tert.								
	Quat.								
Sulfur Dioxide SO2	Prim.	2-02-001-02	247.5	gallons	39.73	lb/kgal	AP-42 Table 3.3-1	9.83	0.00
(If you completed Form Inv-A, you may	Sec.						dated 10/96.		
complete the last column only)	Tert.								
	Quat.								
Nitrogen Oxides NOx	Prim.	2-02-001-02	247.5	gallons	604	lb/kgal	AP-42 Table 3.3-1	149.49	0.07
(If you completed Form Inv-A you may	Sec.						dated 10/96.		
complete the last column only)	Tert.								
	Quat.								
Carbon Monoxide CO	Prim.	2-02-001-02	247.5	gallons	130.15	lb/kgal	AP-42 Table 3.3-1	32.21	0.02
	Sec.						dated 10/96.		
	Tert.								
	Quat.								
Non-Methane VOC	Prim.	2-02-001-02	247.5	gallons	49.32	lb/kgal	AP-42 Table 3.3-1[2]	12.21	0.01
Volatile Organic Compounds	Sec.						dated 10/96.		
	Tert.								
	Quat.								

Comments: Note 1: Based on cumulative particulate sizes up to and including PM-10.

Note 2: Based on an emission factor for non-methane total organic compounds.

Certification: These records are true and accurate to the best of my knowledge: Michael O'Keefe | Licensing Manager | 4/14/09

Emission quantity reporting form Signature Title Date

Reporting Year 2008

EMISSIONS INVENTORY FORM INV-A

Source name:	Physical Address:	FPL ENERGY SEABROOK LLC	Mailing Address:
FPL ENERGY SEABROOK, LLC		626 LAFAYETTE ROAD	FPL ENERGY SEABROOK, P. O. BOX 300
		SEABROOK, NH 03874	SEABROOK, NH 03874

Device name: OSB Diesel Generator 68-121 (EU07) Permit Number if applicable: TV-OP-017

Ozone Season Operating Schedule (May 1 thru September 30)

Days/week: Weeks/Season: Days/Season:

Month	Fuel used	Fuel type	Wt % Sulfur	Actual Fuel Used	Units	MMBTUs	Emission Factor Units SO2	Emission Factor lb/kgal NOx	SO2 (lbs)	NOx (lbs)	Ozone Daily NOx Emissions (lbs/day)
Jan.	Primary	No. 2 Diesel	< 0.4	18.0	gallons	1.1	39.73	604	0.72	10.87	
	Secondary										
Feb.	Primary	No. 2 Diesel	< 0.4	18.0	gallons	1.1	39.73	604	0.72	10.87	
	Secondary										
Mar.	Primary	No. 2 Diesel	< 0.4	18.0	gallons	1.1	39.73	604	0.72	10.87	
	Secondary										
Apr.	Primary	No. 2 Diesel	< 0.4	13.0	gallons	1.1	39.73	604	0.52	7.85	
	Secondary										
May	Primary	No. 2 Diesel	< 0.4	12.5	gallons	1.1	39.73	604	0.50	7.55	0.24
	Secondary										
June	Primary	No. 2 Diesel	< 0.4	12.0	gallons	1.1	39.73	604	0.48	7.25	0.24
	Secondary										
July	Primary	No. 2 Diesel	< 0.4	13.0	gallons	1.1	39.73	604	0.52	7.85	0.25
	Secondary										
Aug.	Primary	No. 2 Diesel	< 0.4	13.0	gallons	1.1	39.73	604	0.52	7.85	0.25
	Secondary										
Sep.	Primary	No. 2 Diesel	< 0.4	13.0	gallons	1.1	39.73	604	0.52	7.85	0.26
	Secondary										
Oct.	Primary	No. 2 Diesel	< 0.4	15.0	gallons	1.1	39.73	604	0.60	9.06	
	Secondary										
Nov.	Primary	No. 2 Diesel	< 0.4	33.0	gallons	1.1	39.73	604	1.31	19.93	
	Secondary										
Dec.	Primary	No. 2 Diesel	< 0.4	69.0	gallons	1.1	39.73	604	2.74	41.68	
	Secondary										
Year	Primary	No. 2 Diesel	< 0.4	247.5	gallons	1.1	39.73	604	9.83	149.49	
(total)	Secondary										
	Tertiary										
						Tons SO2 and NOx:			0.00	0.07	

Comments:

Certification: These records are true and accurate to the best of my knowledge: Michael O'Keefe 4/14/09

Signature Date

Monthly fuel use reporting form

Reporting Year 2008

EMISSIONS INVENTORY FORM INV-E1

Source name:	Physical Address: FPL ENERGY SEABROOK LLC	Mailing Address:
FPL ENERGY SEABROOK, LLC	626 LAFAYETTE ROAD	FPL ENERGY SEABROOK, P. O. BOX 300
	SEABROOK, NH 03874	SEABROOK, NH 03874

Device name: GOB Diesel Generator 68-999 (EU08) | Permit Number if applicable: TV-OP-017

SIC Code (Standard Industrial Classification): 4911 | SCC Code (Source Classification Codes): 2-02-001-02

Pollutant		Fuel used			Emission Factor(EMF)			Quantity emitted	
		SCC Code	Quantity	(units)	EMF	(units)	Source	(lbs/yr)	(tons/yr)
Total Suspended Particulates TSP	Prim.	2-02-001-02	237.5	gallons	42.47	lb/kgal	AP-42 Table 3.3-1[1]	10.09	0.01
	Sec.						dated 10/96.		
	Tert.								
	Quat.								
Sulfur Dioxide SO2	Prim.	2-02-001-02	237.5	gallons	39.73	lb/kgal	AP-42 Table 3.3-1	9.44	0.00
(If you completed Form Inv-A, you may	Sec.						dated 10/96.		
complete the last column only)	Tert.								
	Quat.								
Nitrogen Oxides NOx	Prim.	2-02-001-02	237.5	gallons	604	lb/kgal	AP-42 Table 3.3-1	143.45	0.07
(If you completed Form Inv-A you may	Sec.						dated 10/96.		
complete the last column only)	Tert.								
	Quat.								
Carbon Monoxide CO	Prim.	2-02-001-02	237.5	gallons	130.15	lb/kgal	AP-42 Table 3.3-1	30.91	0.02
	Sec.						dated 10/96.		
	Tert.								
	Quat.								
Non-Methane VOC	Prim.	2-02-001-02	237.5	gallons	49.32	lb/kgal	AP-42 Table 3.3-1[2]	11.71	0.01
Volatile Organic Compounds	Sec.						dated 10/96.		
	Tert.								
	Quat.								

Comments: Note 1: Based on cumulative particulate sizes up to and including PM-10.

Note 2: Based on an emission factor for non-methane total organic compounds.

Certification: These records are true and accurate to the best of my knowledge: Signature: Michael O'Neil | Title: Licensing Manager | Date: 4/14/09

Emission quantity reporting form

INV-A

Reporting Year 2008

EMISSIONS INVENTORY FORM INV-A

Source name:	Physical Address:	Mailing Address:
FPL ENERGY SEABROOK, LLC	FPL ENERGY SEABROOK LLC 626 LAFAYETTE ROAD SEABROOK, NH 03874	FPL ENERGY SEABROOK, P. O. BOX 300 SEABROOK, NH 03874

Device name: GOB Diesel Generator 68-999 (EU08)

Permit Number if applicable: TV-OP-017

Ozone Season Operating Schedule (May 1 thru September 30)

Days/week: Weeks/Season: Days/Season:

Month	Fuel used	Fuel type	Wt % Sulfur	Actual Fuel Used	Units	MMBTUs	Emission Factor Units SO2	Emission Factor Units NOx (lb/kgal)	SO2 (lbs)	NOx (lbs)	Ozone Daily NOx Emissions (lbs/day)
Jan.	Primary	No. 2 Diesel	< 0.4	18.0	gallons	1.1	39.73	604	0.72	10.87	
	Secondary										
Feb.	Primary	No. 2 Diesel	< 0.4	18.0	gallons	1.1	39.73	604	0.72	10.87	
	Secondary										
Mar.	Primary	No. 2 Diesel	< 0.4	18.0	gallons	1.1	39.73	604	0.72	10.87	
	Secondary										
Apr.	Primary	No. 2 Diesel	< 0.4	18.0	gallons	1.1	39.73	604	0.72	10.87	
	Secondary										
May	Primary	No. 2 Diesel	< 0.4	18.0	gallons	1.1	39.73	604	0.72	10.87	0.35
	Secondary										
June	Primary	No. 2 Diesel	< 0.4	18.0	gallons	1.1	39.73	604	0.72	10.87	0.36
	Secondary										
July	Primary	No. 2 Diesel	< 0.4	18.0	gallons	1.1	39.73	604	0.72	10.87	0.35
	Secondary										
Aug.	Primary	No. 2 Diesel	< 0.4	18.0	gallons	1.1	39.73	604	0.72	10.87	0.35
	Secondary										
Sep.	Primary	No. 2 Diesel	< 0.4	18.0	gallons	1.1	39.73	604	0.72	10.87	0.36
	Secondary										
Oct.	Primary	No. 2 Diesel	< 0.4	18.0	gallons	1.1	39.73	604	0.72	10.87	
	Secondary										
Nov.	Primary	No. 2 Diesel	< 0.4	18.0	gallons	1.1	39.73	604	0.72	10.87	
	Secondary										
Dec.	Primary	No. 2 Diesel	< 0.4	39.5	gallons	1.1	39.73	604	1.57	23.86	
	Secondary										
Year (total)	Primary	No. 2 Diesel	< 0.4	237.5	gallons	1.1	39.73	604	9.44	143.45	
	Secondary										
	Tertiary										
						Tons SO2 and NOx:			0.00	0.07	

Comments:

Certification: These records are true and accurate to the best of my knowledge: Signature 4/14/09 Date

Monthly fuel use reporting form

Reporting Year 2008

EMISSIONS INVENTORY FORM INV-E1

Source name:	Physical Address: FPL ENERGY SEABROOK LLC	Mailing Address:
FPL ENERGY SEABROOK, LLC	626 LAFAYETTE ROAD	FPL ENERGY SEABROOK, P. O. BOX 300
	SEABROOK, NH 03874	SEABROOK, NH 03874

Device name: Sullair Air Compressor (EU09) | Permit Number if applicable: TV-OP-017

SIC Code (Standard Industrial Classification): 4911 | SCC Code (Source Classification Codes): 2-02-001-02

Pollutant		Fuel used			Emission Factor(EMF)			Quantity emitted	
		SCC Code	Quantity	(units)	EMF	(units)	Source	(lbs/yr)	(tons/yr)
Total Suspended Particulates TSP	Prim.	2-02-001-02	459.0	gallons	42.47	lb/kgal	AP-42 Table 3.3-1[1]	19.49	0.01
	Sec.						dated 10/96.		
	Tert.								
	Quat.								
Sulfur Dioxide SO2	Prim.	2-02-001-02	459.0	gallons	39.73	lb/kgal	AP-42 Table 3.3-1	18.24	0.01
(If you completed Form Inv-A, you may	Sec.						dated 10/96.		
complete the last column only)	Tert.								
	Quat.								
Nitrogen Oxides NOx	Prim.	2-02-001-02	459.0	gallons	604	lb/kgal	AP-42 Table 3.3-1	277.24	0.14
(If you completed Form Inv-A you may	Sec.						dated 10/96.		
complete the last column only)	Tert.								
	Quat.								
Carbon Monoxide CO	Prim.	2-02-001-02	459.0	gallons	130.15	lb/kgal	AP-42 Table 3.3-1	59.74	0.03
	Sec.						dated 10/96.		
	Tert.								
	Quat.								
Non-Methane VOC	Prim.	2-02-001-02	459.0	gallons	49.32	lb/kgal	AP-42 Table 3.3-1[2]	22.64	0.01
Volatile Organic Compounds	Sec.						dated 10/96.		
	Tert.								
	Quat.								

Comments: Note 1: Based on cumulative particulate sizes up to and including PM-10.

Note 2: Based on an emission factor for non-methane total organic compounds.

Certification: These records are true and accurate to the best of my knowledge: [illegible] Licensing Manager 4/14/09

Emission quantity reporting form Signature Title Date

Reporting Year 2008

EMISSIONS INVENTORY FORM INV-A

Source name:	Physical Address:	FPL ENERGY SEABROOK LLC	Mailing Address:
FPL ENERGY SEABROOK, LLC		626 LAFAYETTE ROAD	FPL ENERGY SEABROOK, P. O. BOX 300
		SEABROOK, NH 03874	SEABROOK, NH 03874

Device name: Sullair Air Compressor (EU09) | Permit Number if applicable: TP-B-0507

Ozone Season Operating Schedule (May 1 thru September 30)

Days/week: Weeks/Season: Days/Season:

Month	Fuel used	Fuel type	Wt % Sulfur	Actual Fuel Used	Units	MMBTUs	Emission Factor Units SO2	Emission Factor Units lb/kgal NOx	SO2 (lbs)	NOx (lbs)	Ozone Daily NOx Emissions (lbs/day)
Jan.	Primary	No. 2 Diesel	< 0.4	51.0	gallons	1.1	39.73	604	2.03	30.80	
	Secondary										
Feb.	Primary	No. 2 Diesel	< 0.4	41.0	gallons	1.1	39.73	604	1.63	24.76	
	Secondary										
Mar.	Primary	No. 2 Diesel	< 0.4	30.0	gallons	1.1	39.73	604	1.19	18.12	
	Secondary										
Apr.	Primary	No. 2 Diesel	< 0.4	41.0	gallons	1.1	39.73	604	1.63	24.76	
	Secondary										
May	Primary	No. 2 Diesel	< 0.4	30.0	gallons	1.1	39.73	604	1.19	18.12	0.58
	Secondary										
June	Primary	No. 2 Diesel	< 0.4	53.0	gallons	1.1	39.73	604	2.11	32.01	1.07
	Secondary										
July	Primary	No. 2 Diesel	< 0.4	35.0	gallons	1.1	39.73	604	1.39	21.14	0.68
	Secondary										
Aug.	Primary	No. 2 Diesel	< 0.4	50.0	gallons	1.1	39.73	604	1.99	30.20	0.97
	Secondary										
Sep.	Primary	No. 2 Diesel	< 0.4	30.0	gallons	1.1	39.73	604	1.19	18.12	0.60
	Secondary										
Oct.	Primary	No. 2 Diesel	< 0.4	30.0	gallons	1.1	39.73	604	1.19	18.12	
	Secondary										
Nov.	Primary	No. 2 Diesel	< 0.4	30.0	gallons	1.1	39.73	604	1.19	18.12	
	Secondary										
Dec.	Primary	No. 2 Diesel	< 0.4	40.0	gallons	1.1	39.73	604	1.59	24.16	
	Secondary										
Year	Primary	No. 2 Diesel	< 0.4	459.0	gallons	1.1	39.73	604	18.32	278.44	
(total)	Secondary										
	Tertiary										
						Tons SO2 and NOx:			0.01	0.14	

Comments:

Certification: These records are true and accurate to the best of my knowledge: Michael O'Keefe 4/14/09

Signature Date

Monthly fuel use reporting form

Speciation Summary
Year 2007

2008 REGULATED TOXIC AIR POLLUTANT SPECIATION SUMMARY:				
		EU01	EU02	
		Auxiliary Boiler #1	Auxiliary Boiler #2	
CAS Number	Speciated	Emissions	Emissions	Reference
	Air Pollutant	(lbs.)	(lbs.)	
	(Bold type indicates			
	NH Regulated Toxic			
	Air Pollutant)			
7439-92-1	**Lead**	0.191625462	0.218534454	(Note 1)
7439-96-5	**Manganese**	0.127750308	0.145689636	(Note 1)
7439-97-6	**Mercury**	0.063875154	0.072844818	(Note 1)
7440-02-0	**Nickel**	0.063875154	0.072844818	(Note 1)
7440-31-5	**Tin**	0	0	(Note 1)
7440-38-2	**Arsenic**	0.085166872	0.097126424	(Note 1)
7440-41-7	**Beryllium**	0.063875154	0.072844818	(Note 1)
7440-43-9	**Cadmium**	0.063875154	0.072844818	(Note 1)
7440-47-3	**Chromium**	0.063875154	0.072844818	(Note 1)
7440-48-4	**Cobalt**	0	0	(Note 1)
7440-50-8	**Copper**	0.127750308	0.145689636	(Note 1)
7440-66-6	**Zinc**	0.085166872	0.097126424	(Note 1)
7782-49-2	**Selenium**	0.31937577	0.36422409	(Note 1)
10024-97-2	**Nitrous Oxide**	17.09554	19.49618	(Note 2)
	Polycyclic Organic Matter	0.5128662	0.5848854	(Note 3)
50-0-0	**Formaldehyde**	7.459872	8.507424	(Note 4)
	16-PAH	1.0645859	1.2140803	(Note 5)
50-32-8	**Benzo(a)pyrene**	0.000126899	0.000144718	(Note 5)
206-44-0	Fluoranthene	0.000406672	0.000463779	(Note 5)
91-20-3	**Naphthalene**	1.0645859	1.2140803	(Note 5)
129-00-0	**Pyrene**	0.000381122	0.000434641	(Note 5)
	Total	**27.38907546**	**31.23518445**	

Speciation Summary
Year 2007

CAS Number	Speciated Air Pollutant (Bold type indicates NH Regulated Toxic Air Pollutant)	EU03 Emergency Generator 1A Emissions (lbs.)	EU04 Emergency Generator 1B Emissions (lbs.)	Reference
71-43-2	**Benzene**	2.3663443	2.9852229	(Note 6)
108-88-3	**Toluene**	0.8570485	1.0811955	(Note 6)
1330-20-7	**Xylenes**	0.5876904	0.7413912	(Note 6)
115-07-1	Propylene	8.5081542	10.7333226	(Note 6)
50-0-0	**Formaldehyde**	0.2404188	0.3032964	(Note 6)
75-07-0	**Acetaldehyde**	0.0779135	0.0982905	(Note 6)
107-02-8	**Acrolein**	0.0244871	0.0308913	(Note 6)
	PAH (Total) -	0.645569	0.814407	(Note 7)
91-20-3	**Naphthalene**	0.39646841	0.50015823	(Note 7)
208-96-8	Acenaphthylene	0.028149035	0.035510954	(Note 7)
83-32-9	Acenaphthene	0.014269301	0.018001203	(Note 7)
86-73-7	Fluorene	0.03903689	0.049246349	(Note 7)
85-01-8	**Phenanthrene**	0.124430086	0.156972737	(Note 7)
120-12-7	Anthracene	0.003750979	0.004731986	(Note 7)
206-44-0	Fluoranthene	0.012290298	0.015504624	(Note 7)
129-00-0	**Pyrene**	0.011315266	0.014274589	(Note 7)
56-55-3	**Benz(a)anthracene**	0.001896637	0.002392672	(Note 7)
218-01-9	**Chrysene**	0.004665906	0.005886197	(Note 7)
205-99-2	**Benzo(b)fluoranthene**	0.003385898	0.004271424	(Note 7)
207-08-9	Benzo(k)fluoranthene	0.000665604	0.000839682	(Note 7)
50-32-8	**Benzo(a)pyrene**	0.000783587	0.000988522	(Note 7)
193-39-5	Indeno(1,2,3-cd)pyrene	0.001262199	0.001592306	(Note 7)
53-73-3	Dibenz(a,h)anthracene	0.001055171	0.001331134	(Note 7)
191-24-2	Benzo(g,h,I)perylene	0.001696288	0.002139925	(Note 7)
	Total	**4.69684839**	**5.92523217**	

Speciation Summary
Year 2007

CAS Number	Speciated Air Pollutant (Bold type indicates NH Regulated Toxic Air Pollutant)	EU05 SEPS Diesel Generator 2A Emissions (lbs.)	EU06 SEPS Diesel Generator 2B Emissions (lbs.)	Reference
71-43-2	**Benzene**	0.5302244	0.5302244	(Note 6)
108-88-3	**Toluene**	0.192038	0.192038	(Note 6)
1330-20-7	**Xylenes**	0.1316832	0.1316832	(Note 6)
115-07-1	Propylene	1.9064136	1.9064136	(Note 6)
50-0-0	**Formaldehyde**	0.0538704	0.0538704	(Note 6)
75-07-0	**Acetaldehyde**	0.017458	0.017458	(Note 6)
107-02-8	**Acrolein**	0.0054868	0.0054868	(Note 6)
	PAH (Total) -	0.144652	0.144652	(Note 7)
91-20-3	**Naphthalene**	0.08883628	0.08883628	(Note 7)
208-96-8	Acenaphthylene	0.006307326	0.006307326	(Note 7)
83-32-9	Acenaphthene	0.003197308	0.003197308	(Note 7)
86-73-7	Fluorene	0.008746957	0.008746957	(Note 7)
85-01-8	**Phenanthrene**	0.027880925	0.027880925	(Note 7)
120-12-7	Anthracene	0.000840478	0.000840478	(Note 7)
206-44-0	Fluoranthene	0.002753875	0.002753875	(Note 7)
129-00-0	**Pyrene**	0.0025354	0.0025354	(Note 7)
56-55-3	**Benz(a)anthracene**	0.000424978	0.000424978	(Note 7)
218-01-9	**Chrysene**	0.001045485	0.001045485	(Note 7)
205-99-2	**Benzo(b)fluoranthene**	0.000758675	0.000758675	(Note 7)
207-08-9	Benzo(k)fluoranthene	0.000149141	0.000149141	(Note 7)
50-32-8	**Benzo(a)pyrene**	0.000175578	0.000175578	(Note 7)
193-39-5	Indeno(1,2,3-cd)pyrene	0.00028282	0.00028282	(Note 7)
53-73-3	Dibenz(a,h)anthracene	0.000236431	0.000236431	(Note 7)
191-24-2	Benzo(g,h,l)perylene	0.000380086	0.000380086	(Note 7)
	Total	**1.05241812**	**1.05241812**	

Speciation Summary
Year 2007

CAS Number	Speciated Air Pollutant (Bold type indicates NH Regulated Toxic Air Pollutant)	EU07 OSB Emergency Generator Emissions (lbs.)	EU08 GOB Emergency Generator Emissions (lbs.)	Reference
	Aldehydes	2.373525	2.278584	(Note 8)
71-43-2	**Benzene**	0.031635698	0.03037027	(Note 9)
108-88-3	**Toluene**	0.013868168	0.013313441	(Note 9)
1330-20-7	**Xylenes**	0.009663638	0.009277092	(Note 9)
115-07-1	Propylene	0.08748135	0.083982096	(Note 9)
106-99-0	**1,3-Butadiene**	0.001325783	0.001272752	(Note 9)
50-0-0	**Formaldehyde**	0.04001085	0.038410416	(Note 9)
75-07-0	**Acetaldehyde**	0.026007053	0.02496677	(Note 9)
107-02-8	**Acrolein**	0.003136444	0.003010986	(Note 9)
	PAH (Total) -	0.00569646	0.005468602	(Note 9)
91-20-3	**Naphthalene**	0.002875356	0.002760342	(Note 9)
208-96-8	Acenaphthylene	0.000171572	0.000164709	(Note 9)
83-32-9	Acenaphthene	4.81487E-05	4.62227E-05	(Note 9)
86-73-7	Fluorene	0.000990099	0.000950495	(Note 9)
85-01-8	**Phenanthrene**	0.000996881	0.000957005	(Note 9)
120-12-7	Anthracene	6.3407E-05	6.08707E-05	(Note 9)
206-44-0	Fluoranthene	0.000258036	0.000247715	(Note 9)
129-00-0	**Pyrene**	0.000162078	0.000155595	(Note 9)
56-55-3	**Benz(a)anthracene**	5.69646E-05	5.4686E-05	(Note 9)
218-01-9	**Chrysene**	1.19693E-05	1.14906E-05	(Note 9)
205-99-2	**Benzo(b)fluoranthene**	3.36006E-06	3.22566E-06	(Note 9)
207-08-9	Benzo(k)fluoranthene	5.25566E-06	5.04544E-06	(Note 9)
50-32-8	**Benzo(a)pyrene**	6.37461E-06	6.11963E-06	(Note 9)
193-39-5	Indeno(1,2,3-cd)pyrene	1.27153E-05	1.22067E-05	(Note 9)
53-73-3	Dibenz(a,h)anthracene	1.97681E-05	1.89773E-05	(Note 9)
191-24-2	Benzo(g,h,I)perylene	1.65808E-05	0	(Note 9)
	Total	**0.129760615**	**0.12457019**	

Speciation Summary
Year 2007

CAS Number	Speciated Air Pollutant (Bold type indicates NH Regulated Toxic Air Pollutant)	EU09 Sullair Air Compressor Emissions (lbs.)		Reference
	Aldehydes	4.399892		(Note 8)
71-43-2	**Benzene**	0.058644275		(Note 9)
108-88-3	**Toluene**	0.02570794		(Note 9)
1330-20-7	**Xylenes**	0.017913846		(Note 9)
115-07-1	Propylene	0.162167448		(Note 9)
106-99-0	**1,3-Butadiene**	0.002457654		(Note 9)
50-0-0	**Formaldehyde**	0.074169608		(Note 9)
75-07-0	**Acetaldehyde**	0.048210245		(Note 9)
107-02-8	**Acrolein**	0.005814143		(Note 9)
	PAH (Total) -	0.010559741		(Note 9)
91-20-3	**Naphthalene**	0.005330155		(Note 9)
208-96-8	Acenaphthylene	0.000318049		(Note 9)
83-32-9	Acenaphthene	8.9255E-05		(Note 9)
86-73-7	Fluorene	0.001835384		(Note 9)
85-01-8	**Phenanthrene**	0.001847955		(Note 9)
120-12-7	Anthracene	0.00011754		(Note 9)
206-44-0	Fluoranthene	0.000478331		(Note 9)
129-00-0	**Pyrene**	0.00030045		(Note 9)
56-55-3	**Benz(a)anthracene**	0.000105597		(Note 9)
218-01-9	**Chrysene**	2.2188E-05		(Note 9)
205-99-2	**Benzo(b)fluoranthene**	6.22867E-06		(Note 9)
207-08-9	Benzo(k)fluoranthene	9.74262E-06		(Note 9)
50-32-8	**Benzo(a)pyrene**	1.18169E-05		(Note 9)
193-39-5	Indeno(1,2,3-cd)pyrene	2.35709E-05		(Note 9)
53-73-3	Dibenz(a,h)anthracene	3.66448E-05		(Note 9)
191-24-2	Benzo(g,h,l)perylene	3.07364E-05		(Note 9)
	Total	**0.240542102**		

Speciation Summary
Year 2007

Notes:				
1. Based on a diesel fuel heating value of .137 MMBtu/gal. and the following emission factors for trace elements, as presented				
in AP-42 Table 1.3-10, dated 9/98:				
	As	4 lb/10^{12} Btu		
	Be	3 lb/10^{12} Btu		
	Cd	3 lb/10^{12} Btu		
	Cr	3 lb/10^{12} Btu		
	Cu	6 lb/10^{12} Btu		
	Pb	9 lb/10^{12} Btu		
	Mn	6 lb/10^{12} Btu		
	Hg	3 lb/10^{12} Btu		
	Ni	3 lb/10^{12} Btu		
	Co	ND		
	Sb	ND		
	Se	15 lb/10^{12} Btu		
	Zn	4 lb/10^{12} Btu		
2. Based on emission factor for N_2O of .11 lb/10^3 gal for distillate fuel combustion in industrial boilers as specified in Table 1.3-8				
of AP-42, dated 9/98.				
3. Based on emission factor for POM of .0033 lb/10^3 gal for distillate fuel combustion in industrial boilers as specified in				
Table 1.3-8 of AP-42, dated 9/98.				
4. Based on emission factor for formaldehyde of .048 lb/10^3 gal for distillate fuel combustion in industrial boilers, based on the				
mean range of .035-.061 lb/103 gal specified in Table 1.3-8 of AP-42, dated 9/98.				
5. Based on emission factor of 5.00E-05 lb/MMBtu for distillate fuel combustion in industrial boilers and a diesel fuel heating				
value of .137 MMBtu/gal. The 16-PAH factor includes:				
	Benzo(a)pyrene	<5.96E-09	lb/MMBtu	
	Fluoranthene	<1.91E-08	lb/MMBtu	
	Naphthalene	<5.00E-05	lb/MMBtu	
	Pyrene	<1.79E-08	lb/MMBtu	
6. Based on a diesel fuel heating value of .137 MMBtu/gal and the following hazardous air pollutant emission factors for				
large diesel engines, as presented in AP-42 Table 3.4-3, dated 10/96:				
	Benzene	7.76E-04 lb/MMBtu		
	Toluene	2.81E-04 lb/MMBtu		
	Xylenes	1.93E-04 lb/MMBtu		
	Propylene	2.79E-03 lb/MMBtu		
	Formaldehyde	7.89E-05 lb/MMBtu		
	Acetaldehyde	2.52E-05 lb/MMBtu		
	Acrolein	7.88E-06 lb/MMBtu		

Notes: (continued)				
7. Based on a diesel fuel heating value of .137 MMBtu/gal. and an emission factor of 2.12E-04 lb/MMBtu for total polycyclic				
aromatic hydrocarbons for large diesel engines, as presented in AP-42 Table 3.4-4 dated 10/96. Emission factors for				
hydrocarbons in this category are:				
	Naphthalene	1.30E-04 lb/MMBtu		
	Acenaphthylene	9.23E-06 lb/MMBtu		
	Acenaphthene	4.68E-06 lb/MMBtu		
	Fluorene	1.28E-05 lb/MMBtu		
	Phenanthrene	4.08E-05 lb/MMBtu		
	Anthracene	1.23E-06 lb/MMBtu		
	Fluoranthene	4.03E-06 lb/MMBtu		
	Pyrene	3.71E-06 lb/MMBtu		
	Benz(a)anthracene	6.22E-07 lb/MMBtu		
	Chrysene	1.53E-06 lb/MMBtu		
	Benzo(b)fluoranthene	1.11E-06 lb/MMBtu		
	Benzo(k)fluoranthene	<2.18E-07 lb/MMBtu		
	Benzo(a)pyrene	<2.57E-07 lb/MMBtu		
	Indeno(1,2,3-cd)pyrene	<4.14E-07 lb/MMBtu		
	Dibenz(a,h)anthracene	<3.46E-07 lb/MMBtu		
	Benzo(g,h,l)perylene	<5.56E-07 lb/MMBtu		
8. Based on a diesel fuel heating value of .137 MMBtu/gal. and an emission factor of .07 lb/MMBtu for aldehydes for				
uncontrolled diesel industrial engines, as presented in AP-42 Table 3.3-1, dated 10/96.				
9. Based on a diesel fuel heating value of .137 MMBtu/gal and emission factors for speciated organic compounds from				
uncontrolled diesel engines as presented in AP-42 Table 3.3-2, dated 10/96.				
10. Summation of Speciated Air Pollutants from all sources (tons) =	0.04			

FPL Energy
Seabrook Station

FPL Energy Seabrook Station
P.O. Box 300
Seabrook, NH 03874
(603) 773-7000

March 31, 2008

SBK-L-08040

Title V Operating Permit
TV-OP-017

State of New Hampshire
Department of Environmental Services
Air Resources Division
29 Hazen Drive, P.O. Box 95
Concord, NH 03302-0095
ATTN: Emissions Inventory

Seabrook Station
2007 Emissions Report, NOx Report and Emissions-Based Fee Payment

FPL Energy Seabrook, LLC (FPL Energy Seabrook) has provided herein emissions data for 2007 for nine significant emission sources (EU01 – EU09) addressed in the facility Title V Operating Permit, TV-OP-017 issued June 5, 2006.

- Emissions data is provided on Air Resources Division Emissions Inventory Form INV-E1, per the requirements of Env-A 907, for nine significant emissions sources (EU01 – EU09).

- NOx and SO2 emission data is provided on Emissions Inventory Form INV-A, per the requirements of Env-A 909, for nine significant emission sources (EU01 – EU09).

- Speciation Summary data for individual regulated air pollutants per the requirements of Env-A 907.01(b)(4) is provided for nine significant emissions sources (EU01 – EU09).

- Analytical results for specification used oil used in three used oil space heating units are provided herein. Allowable limits for the specified contaminants were complied with.

- Operating logs for all emission units EU01 – EU09 are maintained at Seabrook Station. Operating hour limitations for all emergency generating units, EU03 – EU09, were complied with. Emergency generating units EU03 – EU09 are routinely tested during the year to verify operability. Seabrook Station's Auxiliary Boilers EU01 and EU02 are operated frequently throughout the year to maintain a ready condition to support station auxiliary steam demands should the primary source be unavailable.

Additionally, FPL Energy Seabrook has estimated emissions from insignificant activities at Seabrook Station during 2007 to be 1.6 tons. This category includes miscellaneous propane usage, three used oil space heaters and a heating boiler for fire protection water. The total estimated emissions from these sources (1.6 tons) is the median value for the five year period 1998 to 2002. During the five-year period from which the estimate is derived, fuel usage for each of the devices was monitored and emissions were calculated and reported in the annual emissions inventory reports. Per discussions with Mr. Sonny Strickland of NHDES and Mr. Allen Legendre of FPL Energy Seabrook on April 7, 2004, Mr. Strickland indicated that an estimate of insignificant emissions was acceptable in lieu of detailed reporting for this category.

FPL Energy Seabrook has enclosed the emission-based fee for calendar year 2007. This fee is remitted per Env-A 700 and the facility Title V Operating Permit (TV-OP-017).

The enclosed check in the amount of $ 1780.58 is based on the estimated emissions of 17.45 tons during reporting year 2007 at the rate of $ 102.04 per ton.

Should you require additional information, please contact Mr. Paul Willoughby, Principal Engineer, at (603) 773-7350.

Very truly yours,

FPL ENERGY SEABROOK, LLC

James M. Peschel
Regulatory Programs Manager

CERTIFICATION OF ACCURACY STATEMENT

"I am authorized to make this submission on behalf of the facility for which the submission is made. Based on information and belief formed after reasonable inquiry, I certify that the statements and information in the enclosed documents are to the best of my knowledge and belief true, accurate and complete. I am aware that there are significant penalties for submitting false statements and information or omitting required statements and information, including the possibility of imprisonment."

FPL ENERGY SEABROOK, LLC

James M. Peschel
Regulatory Programs Manager

ENCLOSURE TO SBK-L-08040

Reporting Year 2007

EMISSIONS INVENTORY FORM INV-E1

Source name:	Physical Address: SEABROOK STATION	Mailing Address:
FPL ENERGY SEABROOK, LLC	626 LAFAYETTE ROAD	SEABROOK STATION, P. O. BOX 300
	SEABROOK, NH 03874	SEABROOK, NH 03874

Device name: Auxiliary Boiler #1 (EU01) | Permit Number if applicable: TV-OP-017

SIC Code (Standard Industrial Classification): 4911 | SCC Code (Source Classification Codes): 1-01-005-01

Pollutant		Fuel used				Emission Factor(EMF)			Quantity emitted	
			SCC Code	Quantity	(units)	EMF	(units)	Source	(lbs/yr)	(tons/yr)
Total Suspended Particulates	TSP	Prim.	1-01-005-01	13208	gallons	2.00	lb/kgal	AP-42 Table 1.3-6[1]	26.42	0.01
		Sec.						dated 9/98.		
		Tert.								
		Quat.								
Sulfur Dioxide	SO2	Prim.	1-01-005-01	13,208	gallons	56.8	lb/kgal	AP-42 Table 1.3-1	750.20	0.38
(If you completed Form Inv-A, you may		Sec.						dated 9/98.(Errata)		
complete the last column only)		Tert.								
		Quat.								
Nitrogen Oxides	NOx	Prim.	1-01-005-01	13,208	gallons	24.0	lb/kgal	AP-42 Table 1.3-1	316.99	0.16
(If you completed Form Inv-A you may		Sec.						dated 9/98.		
complete the last column only)		Tert.								
		Quat.								
Carbon Monoxide	CO	Prim.	1-01-005-01	13,208	gallons	5.00	lb/kgal	AP-42 Table 1.3-1	66.04	0.03
		Sec.						dated 9/98.		
		Tert.								
		Quat.								
Non-Methane	VOC	Prim.	1-01-005-01	13,208	gallons	0.2	lb/kgal	AP-42 Table 1.3-3[2]	2.64	0.00
Volatile Organic Compounds		Sec.						dated 9/98.		
		Tert.								
		Quat.								

Comments: Note 1: Based on an emission factor for TSP, total suspended particulates for uncontrolled industrial boilers firing distillate oil.

Note 2: Based on an emission factor for non-methane total organic compounds

Certification: These records are true and accurate to the best of my knowledge: Signature | Title REGULATORY PROGRAMS MANAGER | Date 8/31/08

Emission quantity reporting form

Reporting Year 2007

EMISSIONS INVENTORY FORM INV-A

Source name:	Physical Address:	Mailing Address:
FPL ENERGY SEABROOK, LLC	SEABROOK STATION 626 LAFAYETTE ROAD SEABROOK, NH 03874	SEABROOK STATION, P. O. BOX 300 SEABROOK, NH 03874

Device name: Auxiliary Boiler #1 (EU01)

Permit Number if applicable: TV-OP-017

Ozone Season Operating Schedule (May 1 thru September 30)

Days/week: Weeks/Season: Days/Season:

Month	Fuel used	Fuel type	Wt % Sulfur	Actual Fuel Used	Units	MMBTUs	Emission Factor Units lb/kgal SO2	Emission Factor Units lb/kgal NOx	SO2 (lbs)	NOx (lbs)	Ozone Daily NOx Emissions (lbs/day)
Jan.	Primary	No. 2 Diesel	< 0.4	2,292	gallons	226.5	56.8	24	130.19	55.01	
	Secondary										
Feb.	Primary	No. 2 Diesel	< 0.4	648	gallons	226.5	56.8	24	36.81	15.55	
	Secondary										
Mar.	Primary	No. 2 Diesel	< 0.4	0	gallons	226.5	56.8	24	0.00	0.00	
	Secondary										
Apr.	Primary	No. 2 Diesel	< 0.4	0	gallons	226.5	56.8	24	0.00	0.00	
	Secondary										
May	Primary	No. 2 Diesel	< 0.4	0	gallons	226.5	56.8	24	0.00	0.00	0.00
	Secondary										
June	Primary	No. 2 Diesel	< 0.4	0	gallons	226.5	56.8	24	0.00	0.00	0.00
	Secondary										
July	Primary	No. 2 Diesel	< 0.4	0	gallons	226.5	56.8	24	0.00	0.00	0.00
	Secondary										
Aug.	Primary	No. 2 Diesel	< 0.4	2,793	gallons	226.5	56.8	24	158.64	67.03	2.16
	Secondary										
Sep.	Primary	No. 2 Diesel	< 0.4	970	gallons	226.5	56.8	24	55.10	23.28	0.78
	Secondary										
Oct.	Primary	No. 2 Diesel	< 0.4	2,293	gallons	226.5	56.8	24	130.24	55.03	
	Secondary										
Nov.	Primary	No. 2 Diesel	< 0.4	2,140	gallons	226.5	56.8	24	121.55	51.36	
	Secondary										
Dec.	Primary	No. 2 Diesel	< 0.4	2,072	gallons	226.5	56.8	24	117.69	49.73	
	Secondary										
Year	Primary	No. 2 Diesel	< 0.4	13,208	gallons	226.5	56.8	24	750.21	316.99	
(total)	Secondary										
	Tertiary										
						Tons SO2 and NOx:			0.38	0.16	

Comments:

Certification: These records are true and accurate to the best of my knowledge: Signature 3/31/08 Date

Monthly fuel use reporting form

Reporting Year 2007

EMISSIONS INVENTORY FORM INV-E1

Source name:	Physical Address: SEABROOK STATION	Mailing Address:
FPL ENERGY SEABROOK, LLC	626 LAFAYETTE ROAD	SEABROOK STATION, P. O. BOX 300
	SEABROOK, NH 03874	SEABROOK, NH 03874

Device name: Auxiliary Boiler #2 (EU02) | Permit Number if applicable: TV-OP-017

SIC Code (Standard Industrial Classification): 4911 | SCC Code (Source Classification Codes): 1-01-005-01

Pollutant		Fuel used			Emission Factor(EMF)			Quantity emitted	
		SCC Code	Quantity	(units)	EMF	(units)	Source	(lbs/yr)	(tons/yr)
Total Suspended Particulates TSP	Prim.	1-01-005-01	22,083	gallons	2.00	lb/kgal	AP-42 Table 1.3-6[1]	44.17	0.02
	Sec.						dated 9/98.		
	Tert.								
	Quat.								
Sulfur Dioxide SO2	Prim.	1-01-005-01	22,083	gallons	56.8	lb/kgal	AP-42 Table 1.3-1	1254.33	0.63
(If you completed Form Inv-A, you may	Sec.						dated 9/98.(Errata)		
complete the last column only)	Tert.								
	Quat.								
Nitrogen Oxides NOx	Prim.	1-01-005-01	22,083	gallons	24.0	lb/kgal	AP-42 Table 1.3-1	530.00	0.26
(If you completed Form Inv-A you may	Sec.						dated 9/98.		
complete the last column only)	Tert.								
	Quat.								
Carbon Monoxide CO	Prim.	1-01-005-01	22,083	gallons	5.00	lb/kgal	AP-42 Table 1.3-1	110.42	0.06
	Sec.						dated 9/98.		
	Tert.								
	Quat.								
Non-Methane VOC	Prim.	1-01-005-01	22,083	gallons	0.2	lb/kgal	AP-42 Table 1.3-3[2]	4.42	0.00
Volatile Organic Compounds	Sec.						dated 9/98.		
	Tert.								
	Quat.								

Comments: Note 1: Based on an emission factor for TSP, total suspended particulates for uncontrolled industrial boilers firing distillate oil.

Note 2: Based on an emission factor for non-methane total organic compounds.

Certification: These records are true and accurate to the best of my knowledge: Signature | Title REGULATORY PROGRAMS MANAGER | Date 3/31/08

Emission quantity reporting form

Reporting Year 2007

EMISSIONS INVENTORY FORM INV-A

Source name:	Physical Address:	Mailing Address:
FPL ENERGY SEABROOK, LLC	SEABROOK STATION 626 LAFAYETTE ROAD SEABROOK, NH 03874	SEABROOK STATION, P. O. BOX 300 SEABROOK, NH 03874

Device name: Auxiliary Boiler #2 (EU02)

Permit Number if applicable: TV-OP-017

Ozone Season Operating Schedule (May 1 thru September 30)

Days/week: Weeks/Season: Days/Season:

Month	Fuel used	Fuel type	Wt % Sulfur	Actual Fuel Used	Units	MMBTUs	Emission Factor Units SO2	Emission Factor lb/kgal NOx	SO2 (lbs)	NOx (lbs)	Ozone Daily NOx Emissions (lbs/day)
Jan.	Primary	No. 2 Diesel	< 0.4	3,945	gallons	226.5	56.8	24	224.08	94.68	
	Secondary										
Feb.	Primary	No. 2 Diesel	< 0.4	3,344	gallons	226.5	56.8	24	189.94	80.26	
	Secondary										
Mar.	Primary	No. 2 Diesel	< 0.4	2,653	gallons	226.5	56.8	24	150.69	63.67	
	Secondary										
Apr.	Primary	No. 2 Diesel	< 0.4	2,547	gallons	226.5	56.8	24	144.67	61.13	
	Secondary										
May	Primary	No. 2 Diesel	< 0.4	2,355	gallons	226.5	56.8	24	133.76	56.52	1.82
	Secondary										
June	Primary	No. 2 Diesel	< 0.4	0	gallons	226.5	56.8	24	0.00	0.00	0.00
	Secondary										
July	Primary	No. 2 Diesel	< 0.4	0	gallons	226.5	56.8	24	0.00	0.00	0.00
	Secondary										
Aug.	Primary	No. 2 Diesel	< 0.4	2,419	gallons	226.5	56.8	24	137.40	58.06	1.87
	Secondary										
Sep.	Primary	No. 2 Diesel	< 0.4	1,140	gallons	226.5	56.8	24	64.75	27.36	0.91
	Secondary										
Oct.	Primary	No. 2 Diesel	< 0.4	2,174	gallons	226.5	56.8	24	123.48	52.18	
	Secondary										
Nov.	Primary	No. 2 Diesel	< 0.4	1,351	gallons	226.5	56.8	24	76.74	32.42	
	Secondary										
Dec.	Primary	No. 2 Diesel	< 0.4	155	gallons	226.5	56.8	24	8.80	3.72	
	Secondary										
Year	Primary	No. 2 Diesel	< 0.4	22,083	gallons	226.5	56.8	24	1254.31	529.99	
(total)	Secondary										
	Tertiary										
						Tons SO2 and NOx:			0.63	0.26	

Comments:

Certification: These records are true and accurate to the best of my knowledge: 3/31/08

Signature Date

Monthly fuel use reporting form

Reporting Year 2007

EMISSIONS INVENTORY FORM INV-E1

Source name:	Physical Address: SEABROOK STATION	Mailing Address:
FPL ENERGY SEABROOK, LLC	626 LAFAYETTE ROAD	SEABROOK STATION, P. O. BOX 300
	SEABROOK, NH 03874	SEABROOK, NH 03874

Device name: Emergency Diesel Generator 1A (EU03) | Permit Number if applicable: TV-OP-017

SIC Code (Standard Industrial Classification): 4911 | SCC Code (Source Classification Codes): 2-02-004-01

Pollutant		Fuel used				Emission Factor(EMF)			Quantity emitted	
			SCC Code	Quantity	(units)	EMF	(units)	Source	(lbs/yr)	(tons/yr)
Total Suspended Particulates	TSP	Prim.	2-02-004-01	15,850	gallons	8.494	lb/kgal	AP-42 Table 3.4-2[1]	134.63	0.07
		Sec.						dated 10/96.		
		Tert.								
		Quat.								
Sulfur Dioxide	SO2	Prim.	2-02-004-01	15,850	gallons	6.918	lb/kgal	AP-42 Table 3.4-1	109.65	0.05
(If you completed Form Inv-A, you may		Sec.						dated 10/96.		
complete the last column only)		Tert.								
		Quat.								
Nitrogen Oxides	NOx	Prim.	2-02-004-01	15,850	gallons	438.4	lb/kgal	AP-42 Table 3.4-1	6948.46	3.47
(If you completed Form Inv-A you may		Sec.						dated 10/96.		
complete the last column only)		Tert.								
		Quat.								
Carbon Monoxide	CO	Prim.	2-02-004-01	15,850	gallons	116.45	lb/kgal	AP-42 Table 3.4-1	1845.69	0.92
		Sec.						dated 10/96.		
		Tert.								
		Quat.								
Non-Methane	VOC	Prim.	2-02-004-01	15,850	gallons	11.22	lb/kgal	AP-42 Table 3.4-1[2]	177.83	0.09
Volatile Organic Compounds		Sec.						dated 10/96.		
		Tert.								
		Quat.								

Comments: Note 1: Based on an emission factor for total filterable particulates of .0620 lb/MMBtu for large stationary diesel engines.

Note 2: Based on an emission factor for non-methane total organic compounds.

Certification: These records are true and accurate to the best of my knowledge: Signature | Title: REGULATORY PROGRAMS MANAGER | Date: 3/31/08

Emission quantity reporting form

Reporting Year 2007

EMISSIONS INVENTORY FORM INV-A

Source name:	Physical Address:	Mailing Address:
FPL ENERGY SEABROOK, LLC	SEABROOK STATION 626 LAFAYETTE ROAD SEABROOK, NH 03874	SEABROOK STATION, P. O. BOX 300 SEABROOK, NH 03874

Device name: Emergency Diesel Generator 1A (EU03)

Permit Number if applicable: TV-OP-017

Ozone Season Operating Schedule (May 1 thru September 30)

Days/week: Weeks/Season: Days/Season:

Month	Fuel used	Fuel type	Wt % Sulfur	Actual Fuel Used	Units	MMBTUs	Emission Factor Units SO2	Emission Factor lb/kgal NOx	SO2 (lbs)	NOx (lbs)	Ozone Daily NOx Emissions (lbs/day)
Jan.	Primary	On-road diesel	< 0.05	998	gallons	226.5	6.918	438.4	6.90	437.52	
	Secondary										
Feb.	Primary	On-road diesel	< 0.05	3,026	gallons	226.5	6.918	438.4	20.93	1326.60	
	Secondary										
Mar.	Primary	On-road diesel	< 0.05	624	gallons	226.5	6.918	438.4	4.32	273.56	
	Secondary										
Apr.	Primary	On-road diesel	< 0.05	718	gallons	226.5	6.918	438.4	4.97	314.77	
	Secondary										
May	Primary	On-road diesel	< 0.05	1,217	gallons	226.5	6.918	438.4	8.42	533.53	17.21
	Secondary										
June	Primary	On-road diesel	< 0.05	655	gallons	226.5	6.918	438.4	4.53	287.15	9.57
	Secondary										
July	Primary	On-road diesel	< 0.05	749	gallons	226.5	6.918	438.4	5.18	328.36	10.59
	Secondary										
Aug.	Primary	On-road diesel	< 0.05	4,587	gallons	226.5	6.918	438.4	31.73	2010.94	64.87
	Secondary										
Sep.	Primary	On-road diesel	< 0.05	780	gallons	226.5	6.918	438.4	5.40	341.95	11.40
	Secondary										
Oct.	Primary	On-road diesel	< 0.05	998	gallons	226.5	6.918	438.4	6.90	437.52	
	Secondary										
Nov.	Primary	On-road diesel	< 0.05	780	gallons	226.5	6.918	438.4	5.40	341.95	
	Secondary										
Dec.	Primary	On-road diesel	< 0.05	718	gallons	226.5	6.918	438.4	4.97	314.77	
	Secondary										
Year (total)	Primary	On-road diesel	< 0.05	15,850	gallons	226.5	6.918	438.4	109.65	6948.64	
	Secondary										
	Tertiary										
						Tons SO2 and NOx:			0.05	3.47	

Comments:

Certification: These records are true and accurate to the best of my knowledge: Signature 8/31/08 Date

Monthly fuel use reporting form

Reporting Year 2007

EMISSIONS INVENTORY FORM INV-E1

Source name:	Physical Address: SEABROOK STATION	Mailing Address:
FPL ENERGY SEABROOK, LLC	626 LAFAYETTE ROAD	SEABROOK STATION, P. O. BOX 300
	SEABROOK, NH 03874	SEABROOK, NH 03874

Device name: Emergency Diesel Generator 1B (EU04) | Permit Number if applicable: TV-OP-017

SIC Code (Standard Industrial Classification): 4911 | SCC Code (Source Classification Codes): 2-02-004-01

Pollutant		Fuel used			Emission Factor(EMF)			Quantity emitted	
		SCC Code	Quantity	(units)	EMF	(units)	Source	(lbs/yr)	(tons/yr)
Total Suspended Particulates TSP	Prim.	2-02-004-01	21,405	gallons	8.494	lb/kgal	AP-42 Table 3.4-2[1]	181.81	0.09
	Sec.						dated 10/96.		
	Tert.								
	Quat.								
Sulfur Dioxide SO2	Prim.	2-02-004-01	21,405	gallons	6.918	lb/kgal	AP-42 Table 3.4-1	148.08	0.07
(If you completed Form Inv-A, you may	Sec.						dated 10/96.		
complete the last column only)	Tert.								
	Quat.								
Nitrogen Oxides NOx	Prim.	2-02-004-01	21,405	gallons	438.4	lb/kgal	AP-42 Table 3.4-1	9383.95	4.69
(If you completed Form Inv-A you may	Sec.						dated 10/96.		
complete the last column only)	Tert.								
	Quat.								
Carbon Monoxide CO	Prim.	2-02-004-01	21,405	gallons	116.45	lb/kgal	AP-42 Table 3.4-1	2492.61	1.25
	Sec.						dated 10/96.		
	Tert.								
	Quat.								
Non-Methane VOC	Prim.	2-02-004-01	21,405	gallons	11.22	lb/kgal	AP-42 Table 3.4-1[2]	240.16	0.12
Volatile Organic Compounds	Sec.						dated 10/96.		
	Tert.								
	Quat.								

Comments: Note 1: Based on an emission factor for total filterable particulates of .0620 lb/MMBtu for large stationary diesel engines.

Note 2: Based on an emission factor for non-methane total organic compounds.

Certification: These records are true and accurate to the best of my knowledge: Signature | Title: REGULATORY PROGRAMS MANAGER | Date: 3/31/08

Emission quantity reporting form

Reporting Year 2007

EMISSIONS INVENTORY FORM INV-A

Source name:	Physical Address:	Mailing Address:
FPL ENERGY SEABROOK, LLC	SEABROOK STATION 626 LAFAYETTE ROAD SEABROOK, NH 03874	SEABROOK STATION, P. O. BOX 300 SEABROOK, NH 03874

Device name: Emergency Diesel Generator 1B (EU04)

Permit Number if applicable: TV-OP-017

Ozone Season Operating Schedule (May 1 thru September 30)

Days/week: Weeks/Season: Days/Season:

Month	Fuel used	Fuel type	Wt % Sulfur	Actual Fuel Used	Units	MMBTUs	Emission Factor Units SO2	Emission Factor lb/kgal NOx	SO2 (lbs)	NOx (lbs)	Ozone Daily NOx Emissions (lbs/day)
Jan.	Primary	On-road diesel	< 0.05	8,705	gallons	226.5	6.918	438.4	60.22	3816.27	
	Secondary										
Feb.	Primary	On-road diesel	< 0.05	874	gallons	226.5	6.918	438.4	6.05	383.16	
	Secondary										
Mar.	Primary	On-road diesel	< 0.05	936	gallons	226.5	6.918	438.4	6.48	410.34	
	Secondary										
Apr.	Primary	On-road diesel	< 0.05	686	gallons	226.5	6.918	438.4	4.75	300.74	
	Secondary										
May	Primary	On-road diesel	< 0.05	749	gallons	226.5	6.918	438.4	5.18	328.36	10.59
	Secondary										
June	Primary	On-road diesel	< 0.05	4,742	gallons	226.5	6.918	438.4	32.81	2078.89	69.30
	Secondary										
July	Primary	On-road diesel	< 0.05	718	gallons	226.5	6.918	438.4	4.97	314.77	10.15
	Secondary										
Aug.	Primary	On-road diesel	< 0.05	749	gallons	226.5	6.918	438.4	5.18	328.36	10.59
	Secondary										
Sep.	Primary	On-road diesel	< 0.05	905	gallons	226.5	6.918	438.4	6.26	396.75	13.23
	Secondary										
Oct.	Primary	On-road diesel	< 0.05	718	gallons	226.5	6.918	438.4	4.97	314.77	
	Secondary										
Nov.	Primary	On-road diesel	< 0.05	718	gallons	226.5	6.918	438.4	4.97	314.77	
	Secondary										
Dec.	Primary	On-road diesel	< 0.05	905	gallons	226.5	6.918	438.4	6.26	396.75	
	Secondary										
Year (total)	Primary	On-road diesel	< 0.05	21,405	gallons	226.5	6.918	438.4	148.08	9383.95	
	Secondary										
	Tertiary										
						Tons SO2 and NOx:			0.07	4.69	

Comments:

Certification: These records are true and accurate to the best of my knowledge: Signature 3/31/08 Date

Monthly fuel use reporting form

Reporting Year 2007

EMISSIONS INVENTORY FORM INV-E1

Source name:	Physical Address: SEABROOK STATION	Mailing Address:
FPL ENERGY SEABROOK, LLC	626 LAFAYETTE ROAD	SEABROOK STATION, P. O. BOX 300
	SEABROOK, NH 03874	SEABROOK, NH 03874

Device name: SEPS Diesel Generator 2A (EU05) | Permit Number if applicable: TV-OP-017

SIC Code (Standard Industrial Classification): 4911 | SCC Code (Source Classification Codes): 2-02-004-01

Pollutant		Fuel used			Emission Factor(EMF)			Quantity emitted	
		SCC Code	Quantity	(units)	EMF	(units)	Source	(lbs/yr)	(tons/yr)
Total Suspended Particulates TSP	Prim.	2-02-004-01	5,418	gallons	8.494	lb/kgal	AP-42 Table 3.4-2[1]	46.02	0.02
	Sec.						dated 10/96.		
	Tert.								
	Quat.								
Sulfur Dioxide SO2	Prim.	2-02-004-01	5,418	gallons	6.918	lb/kgal	AP-42 Table 3.4-1	37.48	0.02
(If you completed Form Inv-A, you may	Sec.						dated 10/96.		
complete the last column only)	Tert.								
	Quat.								
Nitrogen Oxides NOx	Prim.	2-02-004-01	5,418	gallons	438.4	lb/kgal	AP-42 Table 3.4-1	2375.25	1.19
(If you completed Form Inv-A you may	Sec.						dated 10/96.		
complete the last column only)	Tert.								
	Quat.								
Carbon Monoxide CO	Prim.	2-02-004-01	5,418	gallons	116.45	lb/kgal	AP-42 Table 3.4-1	630.93	0.32
	Sec.						dated 10/96.		
	Tert.								
	Quat.								
Non-Methane VOC	Prim.	2-02-004-01	5,418	gallons	11.22	lb/kgal	AP-42 Table 3.4-1[2]	60.79	0.03
Volatile Organic Compounds	Sec.						dated 10/96.		
	Tert.								
	Quat.								

Comments: Note 1: Based on an emission factor for total filterable particulates of 0620 lb/MMBtu for large stationary diesel engines.
Note 2: Based on an emission factor for non-methane total organic compounds.

Certification: These records are true and accurate to the best of my knowledge:

Signature	Title	Date
	REGULATORY PROGRAMS MANAGER	3/31/08

Emission quantity reporting form

INV-A

Reporting Year 2007

EMISSIONS INVENTORY FORM INV-A

Source name:	Physical Address:	Mailing Address:
FPL ENERGY SEABROOK, LLC	SEABROOK STATION 626 LAFAYETTE ROAD SEABROOK, NH 03874	SEABROOK STATION, P. O. BOX 300 SEABROOK, NH 03874

Device name: SEPS Diesel Generator 2A (EU05) Permit Number if applicable: TP-B-0498

Ozone Season Operating Schedule (May 1 thru September 30)

Days/week: Weeks/Season: Days/Season:

Month	Fuel used	Fuel type	Wt % Sulfur	Actual Fuel Used	Units	MMBTUs	Emission Factor Units SO2	Emission Factor lb/kgal NOx	SO2 (lbs)	NOx (lbs)	Ozone Daily NOx Emissions (lbs/day)
Jan.	Primary	On-road diesel	< 0.05	344	gallons	226.5	6.918	438.4	2.38	150.81	
	Secondary										
Feb.	Primary	On-road diesel	< 0.05	344	gallons	226.5	6.918	438.4	2.38	150.81	
	Secondary										
Mar.	Primary	On-road diesel	< 0.05	327	gallons	226.5	6.918	438.4	2.26	143.36	
	Secondary										
Apr.	Primary	On-road diesel	< 0.05	310	gallons	226.5	6.918	438.4	2.14	135.90	
	Secondary										
May	Primary	On-road diesel	< 0.05	894	gallons	226.5	6.918	438.4	6.18	391.93	12.64
	Secondary										
June	Primary	On-road diesel	< 0.05	292	gallons	226.5	6.918	438.4	2.02	128.01	4.27
	Secondary										
July	Primary	On-road diesel	< 0.05	292	gallons	226.5	6.918	438.4	2.02	128.01	4.13
	Secondary										
Aug.	Primary	On-road diesel	< 0.05	929	gallons	226.5	6.918	438.4	6.43	407.27	13.14
	Secondary										
Sep.	Primary	On-road diesel	< 0.05	327	gallons	226.5	6.918	438.4	2.26	143.36	4.78
	Secondary										
Oct.	Primary	On-road diesel	< 0.05	688	gallons	226.5	6.918	438.4	4.76	301.62	
	Secondary										
Nov.	Primary	On-road diesel	< 0.05	344	gallons	226.5	6.918	438.4	2.38	150.81	
	Secondary										
Dec.	Primary	On-road diesel	< 0.05	327	gallons	226.5	6.918	438.4	2.26	143.36	
	Secondary										
Year (total)	Primary	On-road diesel	< 0.05	5,418	gallons	226.5	6.918	438.4	37.48	2375.25	
	Secondary										
	Tertiary										
						Tons SO2 and NOx:			0.02	1.19	

Comments:

Certification: These records are true and accurate to the best of my knowledge: Signature 3/31/08 Date

Monthly fuel use reporting form

Reporting Year 2007

EMISSIONS INVENTORY FORM INV-E1

Source name:	Physical Address: SEABROOK STATION	Mailing Address:
FPL ENERGY SEABROOK, LLC	626 LAFAYETTE ROAD	SEABROOK STATION, P. O. BOX 300
	SEABROOK, NH 03874	SEABROOK, NH 03874

Device name: SEPS Diesel Generator 2B (EU06) | Permit Number if applicable: TV-OP-017

SIC Code (Standard Industrial Classification): 4911 | SCC Code (Source Classification Codes): 2-02-004-01

Pollutant		Fuel used			Emission Factor(EMF)			Quantity emitted	
		SCC Code	Quantity	(units)	EMF	(units)	Source	(lbs/yr)	(tons/yr)
Total Suspended Particulates TSP	Prim.	2-02-004-01	5,304	gallons	8.494	lb/kgal	AP-42 Table 3.4-2[1]	45.05	0.02
	Sec.						dated 10/96.		
	Tert.								
	Quat.								
Sulfur Dioxide SO2	Prim.	2-02-004-01	5,304	gallons	6.918	lb/kgal	AP-42 Table 3.4-1	36.69	0.02
(If you completed Form Inv-A, you may	Sec.						dated 10/96.		
complete the last column only)	Tert.								
	Quat.								
Nitrogen Oxides NOx	Prim.	2-02-004-01	5,304	gallons	438.4	lb/kgal	AP-42 Table 3.4-1	2325.27	1.16
(If you completed Form Inv-A you may	Sec.						dated 10/96.		
complete the last column only)	Tert.								
	Quat.								
Carbon Monoxide CO	Prim.	2-02-004-01	5,304	gallons	116.45	lb/kgal	AP-42 Table 3.4-1	617.65	0.31
	Sec.						dated 10/96.		
	Tert.								
	Quat.								
Non-Methane VOC	Prim.	2-02-004-01	5,304	gallons	11.22	lb/kgal	AP-42 Table 3.4-1[2]	59.51	0.03
Volatile Organic Compounds	Sec.						dated 10/96.		
	Tert.								
	Quat.								

Comments: Note 1: Based on an emission factor for total filterable particulates of .0620 lb/MMBtu for large stationary diesel engines.
Note 2: Based on an emission factor for non-methane total organic compounds.

Certification: These records are true and accurate to the best of my knowledge: Signature | Title REGULATORY PROGRAMS MANAGER | Date 3/21/08

Emission quantity reporting form

INV-A

Reporting Year 2007

EMISSIONS INVENTORY FORM INV-A

Source name:	Physical Address:	Mailing Address:
FPL ENERGY SEABROOK, LLC	SEABROOK STATION 626 LAFAYETTE ROAD SEABROOK, NH 03874	SEABROOK STATION, P. O. BOX 300 SEABROOK, NH 03874

Device name: SEPS Diesel Generator 2B (EU06) Permit Number if applicable: TP-B-0498

Ozone Season Operating Schedule (May 1 thru September 30)

Days/week: Weeks/Season: Days/Season:

Month	Fuel used	Fuel type	Wt % Sulfur	Actual Fuel Used	Units	MMBTUs	Emission Factor Units SO2	Emission Factor lb/kgal NOx	SO2 (lbs)	NOx (lbs)	Ozone Daily NOx Emissions (lbs/day)
Jan.	Primary	On-road diesel	< 0.05	378	gallons	226.5	6.918	438.4	2.62	165.72	
	Secondary										
Feb.	Primary	On-road diesel	< 0.05	344	gallons	226.5	6.918	438.4	2.38	150.81	
	Secondary										
Mar.	Primary	On-road diesel	< 0.05	327	gallons	226.5	6.918	438.4	2.26	143.36	
	Secondary										
Apr.	Primary	On-road diesel	< 0.05	310	gallons	226.5	6.918	438.4	2.14	135.90	
	Secondary										
May	Primary	On-road diesel	< 0.05	894	gallons	226.5	6.918	438.4	6.18	391.93	12.64
	Secondary										
June	Primary	On-road diesel	< 0.05	292	gallons	226.5	6.918	438.4	2.02	128.01	4.27
	Secondary										
July	Primary	On-road diesel	< 0.05	619	gallons	226.5	6.918	438.4	4.28	271.37	8.75
	Secondary										
Aug.	Primary	On-road diesel	< 0.05	654	gallons	226.5	6.918	438.4	4.52	286.71	9.25
	Secondary										
Sep.	Primary	On-road diesel	< 0.05	327	gallons	226.5	6.918	438.4	2.26	143.36	4.78
	Secondary										
Oct.	Primary	On-road diesel	< 0.05	488	gallons	226.5	6.918	438.4	3.38	213.94	
	Secondary										
Nov.	Primary	On-road diesel	< 0.05	344	gallons	226.5	6.918	438.4	2.38	150.81	
	Secondary										
Dec.	Primary	On-road diesel	< 0.05	327	gallons	226.5	6.918	438.4	2.26	143.36	
	Secondary										
Year (total)	Primary	On-road diesel	< 0.05	5,304	gallons	226.5	6.918	438.4	36.69	2325.27	
	Secondary										
	Tertiary										
						Tons SO2 and NOx:			0.02	1.16	

Comments:

Certification: These records are true and accurate to the best of my knowledge: Signature 3/31/08 Date

Monthly fuel use reporting form

Reporting Year 2007

EMISSIONS INVENTORY FORM INV-E1

Source name:	Physical Address: SEABROOK STATION	Mailing Address:
FPL ENERGY SEABROOK, LLC	626 LAFAYETTE ROAD	SEABROOK STATION, P. O. BOX 300
	SEABROOK, NH 03874	SEABROOK, NH 03874

Device name: OSB Diesel Generator 68-121 (EU07) | Permit Number if applicable: TV-OP-017

SIC Code (Standard Industrial Classification): 4911 | SCC Code (Source Classification Codes): 2-02-001-02

Pollutant		Fuel used			Emission Factor(EMF)			Quantity emitted	
		SCC Code	Quantity	(units)	EMF	(units)	Source	(lbs/yr)	(tons/yr)
Total Suspended Particulates TSP	Prim.	2-02-001-02	151.7	gallons	42.47	lb/kgal	AP-42 Table 3.3-1[1]	6.44	0.00
	Sec.						dated 10/96.		
	Tert.								
	Quat.								
Sulfur Dioxide SO2	Prim.	2-02-001-02	151.7	gallons	39.73	lb/kgal	AP-42 Table 3.3-1	6.03	0.00
(If you completed Form Inv-A, you may	Sec.						dated 10/96.		
complete the last column only)	Tert.								
	Quat.								
Nitrogen Oxides NOx	Prim.	2-02-001-02	151.7	gallons	604	lb/kgal	AP-42 Table 3.3-1	91.63	0.05
(If you completed Form Inv-A you may	Sec.						dated 10/96.		
complete the last column only)	Tert.								
	Quat.								
Carbon Monoxide CO	Prim.	2-02-001-02	151.7	gallons	130.15	lb/kgal	AP-42 Table 3.3-1	19.74	0.01
	Sec.						dated 10/96.		
	Tert.								
	Quat.								
Non-Methane VOC	Prim.	2-02-001-02	151.7	gallons	49.32	lb/kgal	AP-42 Table 3.3-1[2]	7.48	0.00
Volatile Organic Compounds	Sec.						dated 10/96.		
	Tert.								
	Quat.								

Comments: Note 1: Based on cumulative particulate sizes up to and including PM-10.
Note 2: Based on an emission factor for non-methane total organic compounds.

Certification: These records are true and accurate to the best of my knowledge: Signature | Title: REGULATORY PROGRAMS MANAGER | Date: 3/31/08

Emission quantity reporting form

Reporting Year 2007

EMISSIONS INVENTORY FORM INV-A

Source name:	Physical Address:	Mailing Address:
FPL ENERGY SEABROOK, LLC	SEABROOK STATION 626 LAFAYETTE ROAD SEABROOK, NH 03874	SEABROOK STATION, P. O. BOX 300 SEABROOK, NH 03874

Device name: OSB Diesel Generator 68-121 (EU07)

Permit Number if applicable: TV-OP-017

Ozone Season Operating Schedule (May 1 thru September 30)

Days/week: Weeks/Season: Days/Season:

Month	Fuel used	Fuel type	Wt % Sulfur	Actual Fuel Used	Units	MMBTUs	Emission Factor Units lb/kgal SO2	Emission Factor Units lb/kgal NOx	SO2 (lbs)	NOx (lbs)	Ozone Daily NOx Emissions (lbs/day)
Jan.	Primary	No. 2 Diesel	< 0.4	12.6	gallons	1.1	39.73	604	0.50	7.61	
	Secondary										
Feb.	Primary	No. 2 Diesel	< 0.4	12.7	gallons	1.1	39.73	604	0.50	7.67	
	Secondary										
Mar.	Primary	No. 2 Diesel	< 0.4	12.6	gallons	1.1	39.73	604	0.50	7.61	
	Secondary										
Apr.	Primary	No. 2 Diesel	< 0.4	12.7	gallons	1.1	39.73	604	0.50	7.67	
	Secondary										
May	Primary	No. 2 Diesel	< 0.4	12.6	gallons	1.1	39.73	604	0.50	7.61	0.25
	Secondary										
June	Primary	No. 2 Diesel	< 0.4	12.7	gallons	1.1	39.73	604	0.50	7.67	0.26
	Secondary										
July	Primary	No. 2 Diesel	< 0.4	12.6	gallons	1.1	39.73	604	0.50	7.61	0.25
	Secondary										
Aug.	Primary	No. 2 Diesel	< 0.4	12.7	gallons	1.1	39.73	604	0.50	7.67	0.25
	Secondary										
Sep.	Primary	No. 2 Diesel	< 0.4	12.6	gallons	1.1	39.73	604	0.50	7.61	0.25
	Secondary										
Oct.	Primary	No. 2 Diesel	< 0.4	12.7	gallons	1.1	39.73	604	0.50	7.67	
	Secondary										
Nov.	Primary	No. 2 Diesel	< 0.4	12.6	gallons	1.1	39.73	604	0.50	7.61	
	Secondary										
Dec.	Primary	No. 2 Diesel	< 0.4	12.6	gallons	1.1	39.73	604	0.50	7.61	
	Secondary										
Year	Primary	No. 2 Diesel	< 0.4	151.7	gallons	1.1	39.73	604	6.03	91.63	
(total)	Secondary										
	Tertiary										
						Tons SO2 and NOx:			0.00	0.05	

Comments:

Certification: These records are true and accurate to the best of my knowledge: Signature 3/31/08 Date

Monthly fuel use reporting form

Reporting Year 2007

EMISSIONS INVENTORY FORM INV-E1

Source name:	Physical Address: SEABROOK STATION	Mailing Address:
FPL ENERGY SEABROOK, LLC	626 LAFAYETTE ROAD	SEABROOK STATION, P. O. BOX 300
	SEABROOK, NH 03874	SEABROOK, NH 03874

Device name: GOB Diesel Generator 68-999 (EU08) | Permit Number if applicable: TV-OP-017

SIC Code (Standard Industrial Classification): 4911 | SCC Code (Source Classification Codes): 2-02-001-02

Pollutant		Fuel used			Emission Factor(EMF)			Quantity emitted	
		SCC Code	Quantity	(units)	EMF	(units)	Source	(lbs/yr)	(tons/yr)
Total Suspended Particulates TSP	Prim.	2-02-001-02	247.2	gallons	42.47	lb/kgal	AP-42 Table 3.3-1[1]	10.50	0.01
	Sec.						dated 10/96.		
	Tert.								
	Quat.								
Sulfur Dioxide SO2	Prim.	2-02-001-02	247.2	gallons	39.73	lb/kgal	AP-42 Table 3.3-1	9.82	0.00
(If you completed Form Inv-A, you may	Sec.						dated 10/96.		
complete the last column only)	Tert.								
	Quat.								
Nitrogen Oxides NOx	Prim.	2-02-001-02	247.2	gallons	604	lb/kgal	AP-42 Table 3.3-1	149.31	0.07
(If you completed Form Inv-A you may	Sec.						dated 10/96.		
complete the last column only)	Tert.								
	Quat.								
Carbon Monoxide CO	Prim.	2-02-001-02	247.2	gallons	130.15	lb/kgal	AP-42 Table 3.3-1	32.17	0.02
	Sec.						dated 10/96.		
	Tert.								
	Quat.								
Non-Methane VOC	Prim.	2-02-001-02	247.2	gallons	49.32	lb/kgal	AP-42 Table 3.3-1[2]	12.19	0.01
Volatile Organic Compounds	Sec.						dated 10/96.		
	Tert.								
	Quat.								

Comments: Note 1: Based on cumulative particulate sizes up to and including PM-10.

Note 2: Based on an emission factor for non-methane total organic compounds.

Certification: These records are true and accurate to the best of my knowledge: Signature | Title: REGULATORY PROGRAMS MANAGER | Date: 3/31/08

Emission quantity reporting form

Reporting Year 2007

EMISSIONS INVENTORY FORM INV-A

Source name:	Physical Address:	Mailing Address:
FPL ENERGY SEABROOK, LLC	SEABROOK STATION 626 LAFAYETTE ROAD SEABROOK, NH 03874	SEABROOK STATION, P. O. BOX 300 SEABROOK, NH 03874

Device name: GOB Diesel Generator 68-999 (EU08)

Permit Number if applicable: TV-OP-017

Ozone Season Operating Schedule (May 1 thru September 30)

Days/week: Weeks/Season: Days/Season:

Month	Fuel used	Fuel type	Wt % Sulfur	Actual Fuel Used	Units	MMBTUs	Emission Factor Units SO2	Emission Factor Units lb/kgal NOx	SO2 (lbs)	NOx (lbs)	Ozone Daily NOx Emissions (lbs/day)
Jan.	Primary	No. 2 Diesel	< 0.4	20.6	gallons	1.1	39.73	604	0.82	12.41	
	Secondary										
Feb.	Primary	No. 2 Diesel	< 0.4	20.6	gallons	1.1	39.73	604	0.82	12.41	
	Secondary										
Mar.	Primary	No. 2 Diesel	< 0.4	20.6	gallons	1.1	39.73	604	0.82	12.41	
	Secondary										
Apr.	Primary	No. 2 Diesel	< 0.4	20.6	gallons	1.1	39.73	604	0.82	12.41	
	Secondary										
May	Primary	No. 2 Diesel	< 0.4	20.6	gallons	1.1	39.73	604	0.82	12.41	0.40
	Secondary										
June	Primary	No. 2 Diesel	< 0.4	20.6	gallons	1.1	39.73	604	0.82	12.41	0.41
	Secondary										
July	Primary	No. 2 Diesel	< 0.4	20.6	gallons	1.1	39.73	604	0.82	12.41	0.40
	Secondary										
Aug.	Primary	No. 2 Diesel	< 0.4	20.6	gallons	1.1	39.73	604	0.82	12.44	0.40
	Secondary										
Sep.	Primary	No. 2 Diesel	< 0.4	20.6	gallons	1.1	39.73	604	0.82	12.44	0.41
	Secondary										
Oct.	Primary	No. 2 Diesel	< 0.4	20.6	gallons	1.1	39.73	604	0.82	12.44	
	Secondary										
Nov.	Primary	No. 2 Diesel	< 0.4	20.6	gallons	1.1	39.73	604	0.82	12.44	
	Secondary										
Dec.	Primary	No. 2 Diesel	< 0.4	20.6	gallons	1.1	39.73	604	0.82	12.44	
	Secondary										
Year (total)	Primary	No. 2 Diesel	< 0.4	247.2	gallons	1.1	39.73	604	9.81	149.10	
	Secondary										
	Tertiary										
						Tons SO2 and NOx:			0.00	0.07	

Comments:

Certification: These records are true and accurate to the best of my knowledge: Signature 3/31/08 Date

Monthly fuel use reporting form

Reporting Year 2007

EMISSIONS INVENTORY FORM INV-E1

Source name:	Physical Address: SEABROOK STATION	Mailing Address:
FPL ENERGY SEABROOK, LLC	626 LAFAYETTE ROAD	SEABROOK STATION, P. O. BOX 300
	SEABROOK, NH 03874	SEABROOK, NH 03874

Device name: Sullair Air Compressor (EU09) | Permit Number if applicable: TV-OP-017

SIC Code (Standard Industrial Classification): 4911 | SCC Code (Source Classification Codes): 2-02-001-02

Pollutant		Fuel used			Emission Factor(EMF)			Quantity emitted	
		SCC Code	Quantity	(units)	EMF	(units)	Source	(lbs/yr)	(tons/yr)
Total Suspended Particulates TSP	Prim.	2-02-001-02	400.5	gallons	42.47	lb/kgal	AP-42 Table 3.3-1[1]	17.01	0.01
	Sec.						dated 10/96.		
	Tert.								
	Quat.								
Sulfur Dioxide SO2	Prim.	2-02-001-02	400.5	gallons	39.73	lb/kgal	AP-42 Table 3.3-1	15.91	0.01
(If you completed Form Inv-A, you may	Sec.						dated 10/96.		
complete the last column only)	Tert.								
	Quat.								
Nitrogen Oxides NOx	Prim.	2-02-001-02	400.5	gallons	604	lb/kgal	AP-42 Table 3.3-1	241.91	0.12
(If you completed Form Inv-A you may	Sec.						dated 10/96.		
complete the last column only)	Tert.								
	Quat.								
Carbon Monoxide CO	Prim.	2-02-001-02	400.5	gallons	130.15	lb/kgal	AP-42 Table 3.3-1	52.13	0.03
	Sec.						dated 10/96.		
	Tert.								
	Quat.								
Non-Methane VOC	Prim.	2-02-001-02	400.5	gallons	49.32	lb/kgal	AP-42 Table 3.3-1[2]	19.75	0.01
Volatile Organic Compounds	Sec.						dated 10/96.		
	Tert.								
	Quat.								

Comments: Note 1: Based on cumulative particulate sizes up to and including PM-10.
Note 2: Based on an emission factor for non-methane total organic compounds.

Certification: These records are true and accurate to the best of my knowledge: Signature | Title: Regulatory Programs Manager | Date: 3/31/08

Emission quantity reporting form

Reporting Year 2007

EMISSIONS INVENTORY FORM INV-A

Source name:	Physical Address:	Mailing Address:
FPL ENERGY SEABROOK, LLC	SEABROOK STATION 626 LAFAYETTE ROAD SEABROOK, NH 03874	SEABROOK STATION, P. O. BOX 300 SEABROOK, NH 03874

Device name: Sullair Air Compressor (EU09)

Permit Number if applicable: TP-B-0507

Ozone Season Operating Schedule (May 1 thru September 30)

Days/week: Weeks/Season: Days/Season:

Month	Fuel used	Fuel type	Wt % Sulfur	Actual Fuel Used	Units	MMBTUs	Emission Factor Units lb/kgal SO2	Emission Factor Units lb/kgal NOx	SO2 (lbs)	NOx (lbs)	Ozone Daily NOx Emissions (lbs/day)
Jan.	Primary	No. 2 Diesel	< 0.4	28.5	gallons	1.1	39.73	604	1.13	17.21	
	Secondary										
Feb.	Primary	No. 2 Diesel	< 0.4	29.8	gallons	1.1	39.73	604	1.18	18.00	
	Secondary										
Mar.	Primary	No. 2 Diesel	< 0.4	45.9	gallons	1.1	39.73	604	1.82	27.72	
	Secondary										
Apr.	Primary	No. 2 Diesel	< 0.4	28.5	gallons	1.1	39.73	604	1.13	17.21	
	Secondary										
May	Primary	No. 2 Diesel	< 0.4	43.4	gallons	1.1	39.73	604	1.72	26.21	0.85
	Secondary										
June	Primary	No. 2 Diesel	< 0.4	27.3	gallons	1.1	39.73	604	1.08	16.49	0.55
	Secondary										
July	Primary	No. 2 Diesel	< 0.4	28.5	gallons	1.1	39.73	604	1.13	17.21	0.56
	Secondary										
Aug.	Primary	No. 2 Diesel	< 0.4	26.0	gallons	1.1	39.73	604	1.03	15.70	0.51
	Secondary										
Sep.	Primary	No. 2 Diesel	< 0.4	45.9	gallons	1.1	39.73	604	1.82	27.72	0.92
	Secondary										
Oct.	Primary	No. 2 Diesel	< 0.4	28.5	gallons	1.1	39.73	604	1.13	17.21	
	Secondary										
Nov.	Primary	No. 2 Diesel	< 0.4	36.0	gallons	1.1	39.73	604	1.43	21.74	
	Secondary										
Dec.	Primary	No. 2 Diesel	< 0.4	32.2	gallons	1.1	39.73	604	1.28	19.45	
	Secondary										
Year	Primary	No. 2 Diesel	< 0.4	400.5	gallons	1.1	39.73	604	15.91	241.90	
(total)	Secondary										
	Tertiary										
						Tons SO2 and NOx:			0.01	0.12	

Comments:

Certification: These records are true and accurate to the best of my knowledge: Signature 3/31/08 Date

Monthly fuel use reporting form

Speciation Summary
Year 2007

2007 REGULATED TOXIC AIR POLLUTANT SPECIATION SUMMARY:				
		EU01	EU02	
		Auxiliary Boiler #1	Auxiliary Boiler #2	
CAS Number	Speciated	Emissions	Emissions	Reference
	Air Pollutant	(lbs.)	(lbs.)	
	(Bold type indicates			
	NH Regulated Toxic			
	Air Pollutant)			
7439-92-1	**Lead**	0.016285464	0.027228339	(Note 1)
7439-96-5	**Manganese**	0.010856976	0.018152226	(Note 1)
7439-97-6	**Mercury**	0.005428488	0.009076113	(Note 1)
7440-02-0	**Nickel**	0.005428488	0.009076113	(Note 1)
7440-31-5	**Tin**	0	0	(Note 1)
7440-38-2	**Arsenic**	0.007237984	0.012101484	(Note 1)
7440-41-7	**Beryllium**	0.005428488	0.009076113	(Note 1)
7440-43-9	**Cadmium**	0.005428488	0.009076113	(Note 1)
7440-47-3	**Chromium**	0.005428488	0.009076113	(Note 1)
7440-48-4	**Cobalt**	0	0	(Note 1)
7440-50-8	**Copper**	0.010856976	0.018152226	(Note 1)
7440-66-6	**Zinc**	0.007237984	0.012101484	(Note 1)
7782-49-2	**Selenium**	0.02714244	0.045380565	(Note 1)
10024-97-2	**Nitrous Oxide**	1.45288	2.42913	(Note 2)
	Polycyclic Organic Matter	0.0435864	0.0728739	(Note 3)
50-0-0	**Formaldehyde**	0.633984	1.059984	(Note 4)
	16-PAH	0.0904748	0.15126855	(Note 5)
50-32-8	**Benzo(a)pyrene**	1.07846E-05	1.80312E-05	(Note 5)
206-44-0	Fluoranthene	3.45614E-05	5.77846E-05	(Note 5)
91-20-3	**Naphthalene**	0.0904748	0.15126855	(Note 5)
129-00-0	**Pyrene**	3.239E-05	5.41541E-05	(Note 5)
	Total	**2.327685464**	**3.891753339**	

Speciation Summary
Year 2007

CAS Number	Speciated Air Pollutant (Bold type indicates NH Regulated Toxic Air Pollutant)	EU03 Emergency Generator 1A Emissions (lbs.)	EU04 Emergency Generator 1B Emissions (lbs.)	Reference
71-43-2	**Benzene**	1.684855	2.2753515	(Note 6)
108-88-3	**Toluene**	0.610225	0.8240925	(Note 6)
1330-20-7	**Xylenes**	0.41844	0.565092	(Note 6)
115-07-1	Propylene	6.05787	8.180991	(Note 6)
50-0-0	**Formaldehyde**	0.17118	0.231174	(Note 6)
75-07-0	**Acetaldehyde**	0.055475	0.0749175	(Note 6)
107-02-8	**Acrolein**	0.017435	0.0235455	(Note 6)
	PAH (Total) -	0.45965	0.620745	(Note 7)
91-20-3	**Naphthalene**	0.2822885	0.38122305	(Note 7)
208-96-8	Acenaphthylene	0.020042325	0.027066623	(Note 7)
83-32-9	Acenaphthene	0.01015985	0.013720605	(Note 7)
86-73-7	Fluorene	0.02779456	0.037535808	(Note 7)
85-01-8	**Phenanthrene**	0.08859516	0.119645388	(Note 7)
120-12-7	Anthracene	0.002670725	0.003606743	(Note 7)
206-44-0	Fluoranthene	0.008750785	0.011817701	(Note 7)
129-00-0	**Pyrene**	0.008056555	0.010880162	(Note 7)
56-55-3	**Benz(a)anthracene**	0.00135042	0.001823706	(Note 7)
218-01-9	**Chrysene**	0.00332216	0.004486488	(Note 7)
205-99-2	**Benzo(b)fluoranthene**	0.002410785	0.003255701	(Note 7)
207-08-9	Benzo(k)fluoranthene	0.000473915	0.00064001	(Note 7)
50-32-8	**Benzo(a)pyrene**	0.00055792	0.000753456	(Note 7)
193-39-5	Indeno(1,2,3-cd)pyrene	0.000898695	0.001213664	(Note 7)
53-73-3	Dibenz(a,h)anthracene	0.00075129	0.001014597	(Note 7)
191-24-2	Benzo(g,h,i)perylene	0.00120777	0.001631061	(Note 7)
	Total	**3.3441915**	**4.51624095**	

Speciation Summary
Year 2007

CAS Number	Speciated Air Pollutant (Bold type indicates NH Regulated Toxic Air Pollutant)	EU05 SEPS Diesel Generator 2A Emissions (lbs.)	EU06 SEPS Diesel Generator 2B Emissions (lbs.)	Reference
71-43-2	**Benzene**	0.5759334	0.5638152	(Note 6)
108-88-3	**Toluene**	0.208593	0.204204	(Note 6)
1330-20-7	**Xylenes**	0.1430352	0.1400256	(Note 6)
115-07-1	Propylene	2.0707596	2.0271888	(Note 6)
50-0-0	**Formaldehyde**	0.0585144	0.0572832	(Note 6)
75-07-0	**Acetaldehyde**	0.018963	0.018564	(Note 6)
107-02-8	**Acrolein**	0.0059598	0.0058344	(Note 6)
	PAH (Total) -	0.157122	0.153816	(Note 7)
91-20-3	**Naphthalene**	0.09649458	0.09446424	(Note 7)
208-96-8	Acenaphthylene	0.006851061	0.006706908	(Note 7)
83-32-9	Acenaphthene	0.003472938	0.003399864	(Note 7)
86-73-7	Fluorene	0.009501005	0.009301094	(Note 7)
85-01-8	**Phenanthrene**	0.030284453	0.029647238	(Note 7)
120-12-7	Anthracene	0.000912933	0.000893724	(Note 7)
206-44-0	Fluoranthene	0.002991278	0.002928338	(Note 7)
129-00-0	**Pyrene**	0.002753969	0.002696023	(Note 7)
56-55-3	**Benz(a)anthracene**	0.000461614	0.000451901	(Note 7)
218-01-9	**Chrysene**	0.001135613	0.001111718	(Note 7)
205-99-2	**Benzo(b)fluoranthene**	0.000824078	0.000806738	(Note 7)
207-08-9	Benzo(k)fluoranthene	0.000161998	0.00015859	(Note 7)
50-32-8	**Benzo(a)pyrene**	0.000190714	0.000186701	(Note 7)
193-39-5	Indeno(1,2,3-cd)pyrene	0.000307201	0.000300737	(Note 7)
53-73-3	Dibenz(a,h)anthracene	0.000256813	0.00025141	(Note 7)
191-24-2	Benzo(g,h,i)perylene	0.000412852	0.000404165	(Note 7)
	Total	**1.14314382**	**1.11909096**	

Speciation Summary
Year 2007

CAS Number	Speciated Air Pollutant (Bold type indicates NH Regulated Toxic Air Pollutant)	EU07 OSB Emergency Generator Emissions (lbs.)	EU08 GOB Emergency Generator Emissions (lbs.)	Reference
	Aldehydes	1.452885	2.370648	(Note 8)
71-43-2	**Benzene**	0.019364882	0.031597351	(Note 9)
108-88-3	**Toluene**	0.008489	0.013851358	(Note 9)
1330-20-7	**Xylenes**	0.005915318	0.009651924	(Note 9)
115-07-1	Propylene	0.05354919	0.087375312	(Note 9)
106-99-0	**1,3-Butadiene**	0.00081154	0.001324176	(Note 9)
50-0-0	**Formaldehyde**	0.02449149	0.039962352	(Note 9)
75-07-0	**Acetaldehyde**	0.015919469	0.025975529	(Note 9)
107-02-8	**Acrolein**	0.001919884	0.003132642	(Note 9)
	PAH (Total) -	0.003486924	0.005689555	(Note 9)
91-20-3	**Naphthalene**	0.001760066	0.002871871	(Note 9)
208-96-8	Acenaphthylene	0.000105023	0.000171364	(Note 9)
83-32-9	Acenaphthene	2.94728E-05	4.80903E-05	(Note 9)
86-73-7	Fluorene	0.000606061	0.000988899	(Note 9)
85-01-8	**Phenanthrene**	0.000610212	0.000995672	(Note 9)
120-12-7	Anthracene	3.88128E-05	6.33302E-05	(Note 9)
206-44-0	Fluoranthene	0.000157949	0.000257723	(Note 9)
129-00-0	**Pyrene**	9.92113E-05	0.000161881	(Note 9)
56-55-3	**Benz(a)anthracene**	3.48692E-05	5.68956E-05	(Note 9)
218-01-9	**Chrysene**	7.32669E-06	1.19548E-05	(Note 9)
205-99-2	**Benzo(b)fluoranthene**	2.05676E-06	3.35599E-06	(Note 9)
207-08-9	Benzo(k)fluoranthene	3.2171E-06	5.24929E-06	(Note 9)
50-32-8	**Benzo(a)pyrene**	3.90203E-06	6.36688E-06	(Note 9)
193-39-5	Indeno(1,2,3-cd)pyrene	7.78331E-06	1.26999E-05	(Note 9)
53-73-3	Dibenz(a,h)anthracene	1.21005E-05	1.97441E-05	(Note 9)
191-24-2	Benzo(g,h,i)perylene	1.01494E-05	0	(Note 9)
	Total	**0.079429225**	**0.129603329**	

Speciation Summary
Year 2007

CAS Number	Speciated Air Pollutant (Bold type indicates NH Regulated Toxic Air Pollutant)	EU09 Sullair Air Compressor Emissions (lbs.)		Reference
	Aldehydes	3.840795		(Note 8)
71-43-2	**Benzene**	0.051192311		(Note 9)
108-88-3	**Toluene**	0.022441217		(Note 9)
1330-20-7	**Xylenes**	0.015637523		(Note 9)
115-07-1	Propylene	0.14156073		(Note 9)
106-99-0	**1,3-Butadiene**	0.002145358		(Note 9)
50-0-0	**Formaldehyde**	0.06474483		(Note 9)
75-07-0	**Acetaldehyde**	0.04208414		(Note 9)
107-02-8	**Acrolein**	0.005075336		(Note 9)
	PAH (Total) -	0.009217908		(Note 9)
91-20-3	**Naphthalene**	0.004652849		(Note 9)
208-96-8	Acenaphthylene	0.000277635		(Note 9)
83-32-9	Acenaphthene	7.79133E-05		(Note 9)
86-73-7	Fluorene	0.00160216		(Note 9)
85-01-8	**Phenanthrene**	0.001613134		(Note 9)
120-12-7	Anthracene	0.000102604		(Note 9)
206-44-0	Fluoranthene	0.000417549		(Note 9)
129-00-0	**Pyrene**	0.000262271		(Note 9)
56-55-3	**Benz(a)anthracene**	9.21791E-05		(Note 9)
218-01-9	**Chrysene**	1.93686E-05		(Note 9)
205-99-2	**Benzo(b)fluoranthene**	5.43719E-06		(Note 9)
207-08-9	Benzo(k)fluoranthene	8.50462E-06		(Note 9)
50-32-8	**Benzo(a)pyrene**	1.03153E-05		(Note 9)
193-39-5	Indeno(1,2,3-cd)pyrene	2.05757E-05		(Note 9)
53-73-3	Dibenz(a,h)anthracene	3.19883E-05		(Note 9)
191-24-2	Benzo(g,h,i)perylene	2.68307E-05		(Note 9)
	Total	**0.209976268**		

Speciation Summary
Year 2007

Notes:				
1. Based on a diesel fuel heating value of .137 MMBtu/gal. and the following emission factors for trace elements, as presented				
in AP-42 Table 1.3-10, dated 9/98:				
	As	4 lb/10^{12} Btu		
	Be	3 lb/10^{12} Btu		
	Cd	3 lb/10^{12} Btu		
	Cr	3 lb/10^{12} Btu		
	Cu	6 lb/10^{12} Btu		
	Pb	9 lb/10^{12} Btu		
	Mn	6 lb/10^{12} Btu		
	Hg	3 lb/10^{12} Btu		
	Ni	3 lb/10^{12} Btu		
	Co	ND		
	Sb	ND		
	Se	15 lb/10^{12} Btu		
	Zn	4 lb/10^{12} Btu		
2. Based on emission factor for N_2O of .11 lb/10^3 gal for distillate fuel combustion in industrial boilers as specified in Table 1.3-8				
of AP-42, dated 9/98.				
3. Based on emission factor for POM of .0033 lb/10^3 gal for distillate fuel combustion in industrial boilers as specified in				
Table 1.3-8 of AP-42, dated 9/98.				
4. Based on emission factor for formaldehyde of .048 lb/10^3 gal for distillate fuel combustion in industrial boilers, based on the				
mean range of .035-.061 lb/103 gal specified in Table 1.3-8 of AP-42, dated 9/98.				
5. Based on emission factor of 5.00E-05 lb/MMBtu for distillate fuel combustion in industrial boilers and a diesel fuel heating				
value of .137 MMBtu/gal. The 16-PAH factor includes:				
	Benzo(a)pyrene	<5.96E-09	lb/MMBtu	
	Fluoranthene	<1.91E-08	lb/MMBtu	
	Naphthalene	<5.00E-05	lb/MMBtu	
	Pyrene	<1.79E-08	lb/MMBtu	
6. Based on a diesel fuel heating value of .137 MMBtu/gal and the following hazardous air pollutant emission factors for				
large diesel engines, as presented in AP-42 Table 3.4-3, dated 10/96:				
	Benzene	7.76E-04 lb/MMBtu		
	Toluene	2.81E-04 lb/MMBtu		
	Xylenes	1.93E-04 lb/MMBtu		
	Propylene	2.79E-03 lb/MMBtu		
	Formaldehyde	7.89E-05 lb/MMBtu		
	Acetaldehyde	2.52E-05 lb/MMBtu		
	Acrolein	7.88E-06 lb/MMBtu		

Speciation Summary
Year 2007

Notes: (continued)				
7. Based on a diesel fuel heating value of .137 MMBtu/gal. and an emission factor of 2.12E-04 lb/MMBtu for total polycyclic aromatic hydrocarbons for large diesel engines, as presented in AP-42 Table 3.4-4 dated 10/96. Emission factors for hydrocarbons in this category are:				
	Naphthalene	1.30E-04 lb/MMBtu		
	Acenaphthylene	9.23E-06 lb/MMBtu		
	Acenaphthene	4.68E-06 lb/MMBtu		
	Fluorene	1.28E-05 lb/MMBtu		
	Phenanthrene	4.08E-05 lb/MMBtu		
	Anthracene	1.23E-06 lb/MMBtu		
	Fluoranthene	4.03E-06 lb/MMBtu		
	Pyrene	3.71E-06 lb/MMBtu		
	Benz(a)anthracene	6.22E-07 lb/MMBtu		
	Chrysene	1.53E-06 lb/MMBtu		
	Benzo(b)fluoranthene	1.11E-06 lb/MMBtu		
	Benzo(k)fluoranthene	<2.18E-07 lb/MMBtu		
	Benzo(a)pyrene	<2.57E-07 lb/MMBtu		
	Indeno(1,2,3-cd)pyrene	<4.14E-07 lb/MMBtu		
	Dibenz(a,h)anthracene	<3.46E-07 lb/MMBtu		
	Benzo(g,h,l)perylene	<5.56E-07 lb/MMBtu		
8. Based on a diesel fuel heating value of .137 MMBtu/gal. and an emission factor of .07 lb/MMBtu for aldehydes for uncontrolled diesel industrial engines, as presented in AP-42 Table 3.3-1, dated 10/96.				
9. Based on a diesel fuel heating value of .137 MMBtu/gal and emission factors for speciated organic compounds from uncontrolled diesel engines as presented in AP-42 Table 3.3-2, dated 10/96.				
10. Summation of Speciated Air Pollutants from all sources (tons) =		0.01		

eastern analytical

professional laboratory services

Fred Haniffy
FPL Energy Seabrook, LLC
Route 1, P.O. Box 300
Seabrook, NH 03874

Subject: Laboratory Report

Eastern Analytical, Inc. ID: 66765
Client Identification: Seabrook Station / Used Oil
Date Received: 12/14/2007

Dear Mr. Haniffy:

Enclosed please find the laboratory report for the above identified project. All analyses were performed in accordance with our QA/QC Program. Unless otherwise stated, holding times, preservation techniques, container types, and sample conditions adhered to EPA Protocol. Samples which were collected by Eastern Analytical, Inc. (EAI) were collected in accordance with approved EPA procedures. Eastern Analytical, Inc. certifies that the enclosed test results meet all requirements of NELAP and other applicable state certifications. Please refer to our website at www.eailabs.com for a copy of our NELAP certificate and accredited parameters.

The following standard abbreviations and conventions apply to all EAI reports:

Solid samples are reported on a dry weight basis, unless otherwise noted
< : "less than" followed by the reporting limit
TNR: Testing Not Requested
ND: None Detected, no established detection limit
RL: Reporting Limits
%R: % Recovery

Eastern Analytical Inc. maintains certification in the following states: Connecticut (PH-0492), Maine (NH005), Massachusetts (M-NH005), New Hampshire/NELAP (1012), Rhode Island (269) and Vermont (VT1012).

This report package contains the following information: Sample Conditions summary, Analytical Results/Data and copies of the Chain of Custody. This report may not be reproduced except in full, without the the written approval of the laboratory.

If you have any questions regarding the results contained within, please feel free to directly contact me or the chemist(s) who performed the testing in question. Unless otherwise requested, we will dispose of the sample(s) 30 days from the sample receipt date.

We appreciate this opportunity to be of service and look forward to your continued patronage.

Sincerely,

Lorraine Olashaw, Lab Director | 12.31.07 Date | 15 # of pages (excluding cover letter)

SAMPLE CONDITIONS PAGE

Eastern Analytical, Inc. ID#: 66765

Client: FPL Energy Seabrook, LLC Client Designation: Seabrook Station / Used Oil

Temperature upon receipt (°C): 3.7 Received on ice or cold packs (Yes/No): Y

Lab ID	Sample ID	Date Received	Date Sampled	Sample Matrix	% Dry Weight	Exceptions/Comments (other than thermal preservation)
66765.01	07-001	12/14/07	12/10/07	oil	100.0	Adheres to Sample Acceptance Policy
66765.02	VM-1	12/14/07	12/10/07	oil	100.0	Adheres to Sample Acceptance Policy
66765.03	VM-2	12/14/07	12/10/07	oil	100.0	Adheres to Sample Acceptance Policy
66765.04	HW-3	12/14/07	12/10/07	oil	100.0	Adheres to Sample Acceptance Policy

Samples were properly preserved and the pH measured when applicable unless otherwise noted. Analysis of solids for pH, Flashpoint, Ignitibility, Paint Filter, Corrosivity, Conductivity and Specific Gravity are reported on an "as received" basis.

All results contained in this report relate only to the above listed samples.

References include:

1) EPA 600/4-79-020, 1983
2) Standard Methods for Examination of Water and Wastewater : Inorganics, 19th Edition, 1995; Microbiology, 20th Edition, 1998
3) Test Methods for Evaluating Solid Waste SW 846 3rd Edition including updates IVA and IVB
4) Hach Water Analysis Handbook, 2nd edition, 1992

LABORATORY REPORT

Eastern Analytical, Inc. ID#: 66765

Client: **FPL Energy Seabrook, LLC** Client Designation: **Seabrook Station / Used Oil**

Sample ID:	07-001	VM-1	VM-2	HW-3
Lab Sample ID:	66765.01	66765.02	66765.03	66765.04
Matrix:	oil	oil	oil	oil
Date Sampled:	12/10/07	12/10/07	12/10/07	12/10/07
Date Received:	12/14/07	12/14/07	12/14/07	12/14/07
Units:	mg/kg	mg/kg	mg/kg	mg/kg
Date of Extraction/Prep:	12/19/07	12/19/07	12/19/07	12/19/07
Date of Analysis:	12/22/07	12/24/07	12/22/07	12/22/07
Analyst:	JC	JC	JC	JC
Method:	3580/8082	3580/8082	3580/8082	3580/8082
Dilution Factor:	1	1	1	1
PCB-1016	< 2	< 2	< 2	< 2
PCB-1221	< 2	< 2	< 2	< 2
PCB-1232	< 2	< 2	< 2	< 2
PCB-1242	< 2	< 2	< 2	< 2
PCB-1248	< 2	< 2	< 2	< 2
PCB-1254	< 2	< 2	< 2	< 2
PCB-1260	< 2	< 2	< 2	< 2
TMX (surr)	75 %R	105 %R	85 %R	80 %R
DCB (surr)	94 %R	91 %R	97 %R	85 %R

LABORATORY REPORT

Eastern Analytical, Inc. ID#: 66765

Client: **FPL Energy Seabrook, LLC** Client Designation: **Seabrook Station / Used Oil**

Sample ID:	07-001	VM-1	VM-2	HW-3					
Lab Sample ID:	66765.01	66765.02	66765.03	66765.04					
Matrix:	oil	oil	oil	oil					
Date Sampled:	12/10/07	12/10/07	12/10/07	12/10/07		Analysis			
Date Received:	12/14/07	12/14/07	12/14/07	12/14/07	**Units**	**Date**	**Time**	**Method**	**Analyst**
Flashpoint	100	> 200	> 200	> 200	°F	12/20/07	10:00	1010	SFW

LABORATORY REPORT

Eastern Analytical, Inc. ID#: 66765

Client: **FPL Energy Seabrook, LLC** Client Designation: **Seabrook Station / Used Oil**

Sample ID:	07-001	VM-1	VM-2	HW-3					
Lab Sample ID:	66765.01	66765.02	66765.03	66765.04					
Matrix:	oil	oil	oil	oil					
Date Sampled:	12/10/07	12/10/07	12/10/07	12/10/07	**Analytical Matrix**	**Units**	**Date of Analysis**	**Method**	**Analyst**
Date Received:	12/14/07	12/14/07	12/14/07	12/14/07					
Arsenic	< 2	< 2	< 2	< 2	Oil	mg/kg	12/20/07	6020	DS
Barium	< 2	< 2	< 2	7	Oil	mg/kg	12/20/07	6020	DS
Cadmium	< 2	< 2	< 2	< 2	Oil	mg/kg	12/20/07	6020	DS
Chromium	< 2	< 2	< 2	< 2	Oil	mg/kg	12/20/07	6020	DS
Lead	< 2	< 2	< 2	< 2	Oil	mg/kg	12/20/07	6020	DS
Mercury	< 0.2	< 0.2	< 0.2	< 0.2	Oil	mg/kg	12/20/07	6020	DS
Selenium	< 2	< 2	< 2	< 2	Oil	mg/kg	12/20/07	6020	DS
Silver	< 2	< 2	< 2	< 2	Oil	mg/kg	12/20/07	6020	DS

PHOENIX
Environmental Laboratories, Inc.

Wednesday, December 26, 2007

Attn: Front Office
Eastern Analytical
25 Chennell Drive
Concord, NH 03301

Client ID:
Sample ID#s: AJ84079 - AJ84082

This laboratory is in compliance with the QA/QC procedures outlined in EPA 600/4-79-019, Handbook for Analytical Quality in Water and Waste Water, March 1979, SW846 QA/QC and NELAC requirements of procedures used.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

Phyllis Shiller

Phyllis Shiller
Laboratory Director

CT Lab Registration #PH-0618
MA Lab Registration #MA-CT-007
NY Lab Registration #11301
RI Lab Registration #63
NH Lab Registration #213693-A,B
ME Lab Registration #CT-007
NJ Lab Registration #CT-003
PA Lab Registration #68-03530

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac
NY # 11301

Analysis Report

December 26, 2007

FOR: Attn: Front Office
Eastern Analytical
25 Chennell Drive
Concord, NH 03301

Sample Information		Custody Information		Date	Time
Matrix:	OIL	Collected by:		12/10/07	11:00
Location Code:	EASTANAL	Received by:	LP	12/19/07	13:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	21809				

SDG I.D.: GAJ84079
Phoenix I.D.: AJ84079

Laboratory Data

Client ID: 07-001

Parameter	Result	RL	Units	Date	Time	By	Reference	
Total Halogens	< 100	100	mg/kg	12/21/07		KL	SW9076	1

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters.

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
ND=Not detected BDL=Below Detection Limit RL=Reporting Limit

Phyllis Shiller

Phyllis Shiller, Laboratory Director
December 26, 2007

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac
NY # 11301

Analysis Report
December 26, 2007

FOR: Attn: Front Office
Eastern Analytical
25 Chennell Drive
Concord, NH 03301

Sample Information		Custody Information		Date	Time
Matrix:	OIL	Collected by:		12/10/07	10:30
Location Code:	EASTANAL	Received by:	LP	12/19/07	13:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	21809				

SDG I.D.: GAJ84079
Phoenix I.D.: AJ84080

Laboratory Data

Client ID: VM-1

Parameter	Result	RL	Units	Date	Time	By	Reference	
Total Halogens	810	100	mg/kg	12/21/07		KL	SW9076	1

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters.

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
ND=Not detected BDL=Below Detection Limit RL=Reporting Limit

Phyllis Shiller

Phyllis Shiller, Laboratory Director
December 26, 2007

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac
NY # 11301

Analysis Report

December 26, 2007

FOR: Attn: Front Office
Eastern Analytical
25 Chennell Drive
Concord, NH 03301

Sample Information		Custody Information		Date	Time
Matrix:	OIL	Collected by:		12/10/07	11:30
Location Code:	EASTANAL	Received by:	LP	12/19/07	13:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	21809				

SDG I.D.: GAJ84079
Phoenix I.D.: AJ84081

Laboratory Data

Client ID: VM-2

Parameter	Result	RL	Units	Date	Time	By	Reference	
Total Halogens	400	100	mg/kg	12/21/07		KL	SW9076	1

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters.

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
ND=Not detected BDL=Below Detection Limit RL=Reporting Limit

Phyllis Shiller, Laboratory Director
December 26, 2007

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac
NY # 11301

Analysis Report
December 26, 2007

FOR: Attn: Front Office
Eastern Analytical
25 Chennell Drive
Concord, NH 03301

Sample Information		Custody Information		Date	Time
Matrix:	OIL	Collected by:		12/10/07	12:00
Location Code:	EASTANAL	Received by:	LP	12/19/07	13:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	21809				

SDG I.D.: GAJ84079
Phoenix I.D.: AJ84082

Laboratory Data

Client ID: HW-3

Parameter	Result	RL	Units	Date	Time	By	Reference	
Total Halogens	530	100	mg/kg	12/21/07		KL	SW9076	1

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters.

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
ND=Not detected BDL=Below Detection Limit RL=Reporting Limit

Phyllis Shiller, Laboratory Director
December 26, 2007

CHAIN-OF-CUSTODY RECORD

eastern analytical
professional laboratory services

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Sample ID	Date Sampled	Matrix	aParameters	Sample Notes 6°C
07-001	12/10/2007 11:00	oil	Total Halogens Oil Subcontract	84079
VM-1	12/10/2007 10:30	oil	Total Halogens Oil Subcontract	84080
VM-2	12/10/2007 11:30	oil	Total Halogens Oil Subcontract	84081
HW-3	12/10/2007 12:00	oil	Total Halogens Oil Subcontract	84082

EAI SRB# **66765** Project State: NH

Company Phoenix Environmental Labs
Address 587 East Middle Turnpike
Address Manchester , CT 06040
Account #
Phone # (860) 645-1102
Fax Number 860 645-0823

Results Needed by: Preferred date Std

QC Deliverables

☒ A ☐ A+ ☐ B ☐ B+ ☐ C ☐ DE

Notes about project

Eastern Analytical Inc. PO Number 21809

Report To: Front Office / Ship hard copy overnight

E-Mail PDF: customerservice@eailabs.com

Invoice To: Front Office with hard copy report

Samples Collected by: [signature] 12/17/07 1530 UPS

Relinquished by	Date/Time	Received by
[signature]	12/19/07 1:00	[signature]
Relinquished by	Date/Time	Received by

PSC ANALYTICAL SERVICES
2869 Sandstone Dr. Hatfield Pa. 19440
(tel)215-822-8995 (fax)215-822-1293

December 27, 2007

Front Office
Eastern Analytical, Inc.
Front Office
25 Chenell Drive
Concord, NH 03301

TEL: (603) 228-0525
FAX (603) 228-4591

RE: 66765 Order No.: R07120025

Dear Front Office:

PSC Analytical Services received 4 samples on 12/19/2007 for the analyses presented in the following Certificate of Analytical Results.

The analyses and all data for associated QC met regulatory and/or laboratory specifications. Exceptions will be noted in an enclosed Case Narrative.

The results on the attached Certificate of Analytical results relate only to items tested or to the samples as received by the laboratory. This Certificate of Analytical Results shall not be reproduced, except in full, without the written approval of PSC Analytical, Hatfield, PA.

Please note that any unused portion of the samples will be disposed of 30 days following issuance of report, unless you have requested otherwise.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,

Vaughan O'Neill

Vaughan O'Neill
Project Manager

PSC ANALYTICAL SERVICES
2869 Sandstone Dr. Hatfield Pa. 19440
(tel)215-822-8995 (fax)215-822-1293

Certificate of Analytical Results

Date: *27-Dec-07*

CLIENT: Eastern Analytical, Inc.
Front Office
25 Chenell Drive
Concord, NH 03301

Lab Order: R07120025
Project: 66765

Analyses	Result	PQL	Units	Method	Date	Analyst
07-001						
Lab ID: R07120025-01A						
Date Sampled: 12/10/2007 11:00 **Date Received:** 12/19/2007 **Matrix:** OIL						
SULFUR						
Sulfur	0.120	0.01	%	D1552	20-Dec-07	RJC
VM-1						
Lab ID: R07120025-02A						
Date Sampled: 12/10/2007 10:30 **Date Received:** 12/19/2007 **Matrix:** OIL						
SULFUR						
Sulfur	0.270	0.01	%	D1552	20-Dec-07	RJC
VM-2						
Lab ID: R07120025-03A						
Date Sampled: 12/10/2007 11:30 **Date Received:** 12/19/2007 **Matrix:** OIL						
SULFUR						
Sulfur	0.200	0.01	%	D1552	20-Dec-07	RJC
HW-3						
Lab ID: R07120025-04A						
Date Sampled: 12/10/2007 12:00 **Date Received:** 12/19/2007 **Matrix:** OIL						
SULFUR						
Sulfur	0.360	0.01	%	D1552	20-Dec-07	RJC

< Indicates less than the limit of quantitation
H - Hold Time exceedance

4418 POTTSVILLE PIKE, READING, PENNSYLVANIA 19605 610-921-8833 FAX 610-921-9667

Sample Receipt Checklist

PSC Analytical Services, Hatfield, PA

Work Order Number: R0712005 Date/Time received: 12/19/07

Client: eastern analytical Checklist completed by: BT

LIMS data entry completed by: BT 12/19/07 Reviewed by:

Initials Date Initials Date

1. Carrier: Client ~~UPS~~ FedEx US Mail Airborne Express PSC Courier Other:
2. Cooler Temperature: °C Specify presence of: Ice Blue Ice No Ice
3. Shipping container/cooler received in good condition? Yes No
4. Sample containers received intact? Yes No
5. Custody seals intact on shipping container/cooler? Yes No ~~N/A~~
6. Custody seals intact on sample bottles? Yes No ~~N/A~~
7. Chain of custody present? Yes No

   If No, have second person check sample delivery group also. Yes No Init:
8. Chain of custody signed - relinquished **AND** received? Yes No
9. Chain of custody agrees with sample labels? Yes No

   No extraneous or missing samples; all sampling info (sampler,Air Volumes, dates/times, etc) matches
10. Samples received in proper containers including headspace requirements? Yes No
11. Do all Containers have sample in them? Yes No
12. Are all samples single phase? (e.g. no Oil and Water, no soilds > ≈1% in Liquid, etc.) Yes No

    If No the P.M. needs to have instructions from the client on how to properly analyze the samples.
13. Analysis requirements clearly listed on COC? Yes No
14. Sufficient sample volume received for indicated tests? Yes No
15. All samples received within holding time/sufficient time to start analysis? Yes No
16. Volatile samples received with zero headspace? Yes No ~~N/A~~

    Specify: vials (waters) MeOH jars Soil Kit EnCores Other:
17. Water - pH acceptable upon receipt? Yes No ~~N/A~~

Any "No" response must be detailed in the comments section below. If a CAR is not initiated, explain why.

Corrective Action/Resolution (Reference CAR ID #):

Client Notification (Regarding which item #s, Date & time, PSC Employee initials, Person contacted):

Comments:

PSC USE ONLY circle all applicable codes	PM	>24	>4pm	SUB	COMP	UR	QA

CHAIN-OF-CUSTODY RECORD

eastern analytical
professional laboratory services

R0712-0025

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Sample ID	Date Sampled	Matrix	aParameters	Sample Notes
07-001	12/10/2007 11:00	oil	Sulfur Subcontract	
VM-1	12/10/2007 10:30	oil	Sulfur Subcontract	
VM-2	12/10/2007 11:30	oil	Sulfur Subcontract	
HW-3	12/10/2007 12:00	oil	Sulfur Subcontract	

EAI SRB# **66765** **Project State: NH**

Company PSC Environmental Services
Address 2869 Sandstone Drive
Address Hatfield, PA 19440
Account #
Phone # 215-822-8995
Fax Number 215-822-1293

Results Needed by: Preferred date Std

QC Deliverables

☒ A ☐ A+ ☐ B ☐ B+ ☐ C ☐ DE

Notes about project

Eastern Analytical Inc. PO Number 21810

Report To: Front Office / Ship hard copy overnight

E-Mail PDF: customerservice@eailabs.com

Invoice To: Front Office with hard copy report

Samples Collected by: Chris Johnson 12/17/07 1530 UPS

Relinquished by Date/Time Received by

Relinquished by Date/Time Received by 12/18/07 12:00 PM

Eastern Analytical, Inc. 25 Chenell Dr. Concord, NH 03301 Phone: (603)228-0525 1-800-287-0525 Fax: (603)228-4591

Page _____ of _____

CHAIN-OF-CUSTODY RECORD

66765

BOLD FIELDS REQUIRED. PLEASE CIRCLE REQUESTED ANALYSIS.

SAMPLE I.D.	SAMPLING DATE/TIME *IF COMPOSITE, INDICATE BOTH START & FINISH DATE/TIME	MATRIX (SEE BELOW)	GRAB/*COMPOSITE	VOC: NH524.2 FULL LIST / 524.2 BTEX / 524.2 MTBE ONLY	VOC: NH8260B FULL LIST / 8021B	VOC: 8010B BTEX / 624 VTHC / HALOS	VOC: 8015B GRO / MEGRO	VOC: MAPH	SVOC: 8270C ABN A BN PAH / 625 SVOCS	SVOC: TPH8100 L1 L2	SVOC: 8015B DRO / MEDRO	SVOC: MAEPH	SVOC: 608 PEST/PCB / PEST 8081A / PCB 8082	SVOC: OIL & GREASE 1664 / TPH 1664	TCLP: TCLP 1311 / VOC	TCLP: ABN / PEST	TCLP: METALS / RCRA	METALS: DISSOLVED METALS (LIST BELOW)	METALS: TOTAL METALS (LIST BELOW)	INORGANICS: TS / TSS	INORGANICS: TDS / SPEC. COND.	INORGANICS: BR, CL, F, SO4, NO2, NO3/NO2	INORGANICS: BOD / CBOD	INORGANICS: T. ALK. / TRH	INORGANICS: NH3 / T. PHOS.	INORGANICS: pH / T. RES. CHLORINE	INORGANICS: COD / PHENOLS	INORGANICS: TOC	INORGANICS: TOTAL CYANIDE	INORGANICS: TOTAL SULFIDE	INORGANICS: REACTIVE CYANIDE / REACTIVE SULFIDE / (FLASHPOINT) / IGNITABILITY	MICRO: T. COLIFORM / E. COLI	MICRO: F. COLIFORM / HETEROTROPHIC PLATE COUNT	OTHER: * Total Halogens	OTHER: * Sulfur	# OF CONTAINERS	NOTES MEOH VIAL #
07-001	12-10-07 / 1100	OIL	G			X							X						X											X			X	X			
VM-1	12-10-07 / 1030	OIL	G			X							X						X											X			X	X			
VM-2	12-10-07 / 1130	OIL	G			X							X						X											X			X	X			
HW-3	12-10-07 / 1200	OIL	G			X							X						X											X			X	X			

MATRIX: A-AIR; S-SOIL; GW-GROUND WATER; SW-SURFACE WATER; DW-DRINKING WATER; WW-WASTE WATER

PRESERVATIVE: H-HCL; N-HNO_3; S-H_2SO_4; Na-NaOH; M-MEOH

PROJECT MANAGER: Fred Haniffy
COMPANY: FPL Energy Seabrook
ADDRESS: 626 Lafayette Rd
CITY: Seabrook STATE: NH ZIP: 03874
PHONE: 603-773-7769 EXT:
FAX: 603-773-7755
E-MAIL: FRED_HANIFFY@FPL.COM
SITE NAME: SEABROOK STATION
PROJECT #: USED OIL
STATE: NH MA ME VT OTHER:
IS YOUR PROJECT RGP? Y / N
QUOTE #: PO #:

DATE NEEDED:

QA/QC REPORTING LEVEL
A B C
OR
MA MCP
PRESUMPTIVE CERTAINTY

REPORTING OPTIONS
PRELIMS: YES OR NO
IF YES: FAX OR PDF

ELECTRONIC OPTIONS
NO FAX E-MAIL PDF EQUIS

TEMP. 3.7 °C
ICE? YES NO

SAMPLER(S): Tom Souther

RELINQUISHED BY:	DATE:	TIME:	RECEIVED BY:
Tom Souther	12-14-07	1025	R. Blood
R. Blood	2007 12.14	14:15	Chris Johnson

METALS: 8 RCRA 13 PP FE, MN PB, CU

OTHER METALS:

DISSOLVED METALS FIELD FILTERED? YES NO

NOTES: (IE: SPECIAL DETECTION LIMITS, BILLING INFO, IF DIFFERENT)
* per customer PAN 12/31/07

eastern analytical, inc.
professional laboratory services
25 CHENELL DRIVE | CONCORD, NH 03301 | TEL: 603.228.0525 | 1.800.287.0525 | FAX: 603.228.4591 | E-MAIL: CUSTOMER_SERVICE@EAILABS.COM | WWW.EAILABS.COM

(WHITE: ORIGINAL GREEN: PROJECT MANAGER)

FPL Energy
Seabrook Station

FPL Energy Seabrook Station
P.O. Box 300
Seabrook, NH 03874
(603) 773-7000
APR 17 2007

SBK-L-07076

Title V Operating Permit
TV-OP-017

State of New Hampshire
Department of Environmental Services
Air Resources Division
29 Hazen Drive, P.O. Box 95
Concord, NH 03302-0095
ATTN: Emissions Inventory

Seabrook Station
2006 Emissions Report, NOx Report and Emissions-Based Fee Payment

FPL Energy Seabrook, LLC (FPL Energy Seabrook) has provided herein emissions data for 2006 for nine significant emission sources (EU01 – EU09) addressed in the facility Title V Operating Permit, TV-OP-017 issued June 5, 2006.

- Emissions data is provided on Air Resources Division Emissions Inventory Form INV-E1, per the requirements of Env-A 907, for nine significant emissions sources (EU01 – EU09).

- NOx and SO2 emission data is provided on Emissions Inventory Form INV-A, per the requirements of Env-A 909, for nine significant emission sources (EU01 – EU09).

- Speciation Summary data for individual regulated air pollutants per the requirements of Env-A 907.01(b)(4) is provided for nine significant emissions sources (EU01 – EU09).

- Analytical results for specification used oil used in three used oil space heating units are provided herein. Allowable limits for the specified contaminants were complied with.

- Operating logs for all emission units EU01 – EU09 are maintained at Seabrook Station. Operating hour limitations for all emergency generating units, EU03 – EU09, were complied with. Emergency generating units EU03 – EU09 are routinely tested during the year to verify operability. Seabrook Station's Auxiliary Boilers EU01 and EU02 are operated frequently throughout the year to maintain a ready condition to support station auxiliary steam demands should the primary source be unavailable.

Additionally, FPL Energy Seabrook has estimated emissions from insignificant activities at Seabrook Station during 2006 to be 1.6 tons. This category includes miscellaneous propane usage, three used oil space heaters and a heating boiler for fire protection water. The total estimated emissions from these sources (1.6 tons) is the median value for the five year period 1998 to 2002. During the five-year period from which the estimate is derived, fuel usage for each of the devices was monitored and emissions were calculated and reported in the annual emissions inventory reports. Per discussions with Mr. Sonny Strickland of NHDES and Mr. Allen Legendre of FPL Energy Seabrook on April 7, 2004, Mr. Strickland indicated that an estimate of insignificant emissions was acceptable in lieu of detailed reporting for this category.

FPL Energy Seabrook has enclosed the emission-based fee for calendar year 2006. This fee is remitted per Env-A 700 and the facility Title V Operating Permit (TV-OP-017).

The enclosed check in the amount of $ 2565.70 is based on the estimated emissions of 28.21 tons during reporting year 2006 at the rate of $ 90.95 per ton.

Should you require additional information, please contact Mr. Allen Legendre, Principal Engineer, at (603) 773-7773.

Very truly yours,

FPL ENERGY SEABROOK, LLC

James M. Peschel
Regulatory Programs Manager

CERTIFICATION OF ACCURACY STATEMENT

"I am authorized to make this submission on behalf of the facility for which the submission is made. Based on information and belief formed after reasonable inquiry, I certify that the statements and information in the enclosed documents are to the best of my knowledge and belief true, accurate and complete. I am aware that there are significant penalties for submitting false statements and information or omitting required statements and information, including the possibility of imprisonment."

FPL ENERGY SEABROOK, LLC

James M. Peschel
Regulatory Programs Manager

ENCLOSURE TO SBK-L-07076

INV-E1

Reporting Year 2006

EMISSIONS INVENTORY FORM INV-E1

Source name:	Physical Address: SEABROOK STATION	Mailing Address:
FPL ENERGY SEABROOK, LLC	626 LAFAYETTE ROAD	SEABROOK STATION, P. O. BOX 300
	SEABROOK, NH 03874	SEABROOK, NH 03874

Device name: Auxiliary Boiler #1 (EU01) | Permit Number if applicable: TV-OP-017

SIC Code (Standard Industrial Classification): 4911 | SCC Code (Source Classification Codes): 1-01-005-01

Pollutant		Fuel used			Emission Factor(EMF)			Quantity emitted	
		SCC Code	Quantity	(units)	EMF	(units)	Source	(lbs/yr)	(tons/yr)
Total Suspended Particulates TSP	Prim.	1-01-005-01	131,414	gallons	2.00	lb/kgal	AP-42 Table 1.3-6[1]	262.83	0.13
	Sec.						dated 9/98.		
	Tert.								
	Quat.								
Sulfur Dioxide SO2	Prim.	1-01-005-01	131,414	gallons	56.8	lb/kgal	AP-42 Table 1.3-1	7464.32	3.73
(If you completed Form Inv-A, you may	Sec.						dated 9/98.(Errata)		
complete the last column only)	Tert.								
	Quat.								
Nitrogen Oxides NOx	Prim.	1-01-005-01	131,414	gallons	24.0	lb/kgal	AP-42 Table 1.3-1	3153.94	1.58
(If you completed Form Inv-A you may	Sec.						dated 9/98.		
complete the last column only)	Tert.								
	Quat.								
Carbon Monoxide CO	Prim.	1-01-005-01	131,414	gallons	5.00	lb/kgal	AP-42 Table 1.3-1	657.07	0.33
	Sec.						dated 9/98.		
	Tert.								
	Quat.								
Non-Methane VOC	Prim.	1-01-005-01	131,414	gallons	0.2	lb/kgal	AP-42 Table 1.3-3[2]	26.28	0.01
Volatile Organic Compounds	Sec.						dated 9/98.		
	Tert.								
	Quat.								

Comments: Note 1: Based on an emission factor for TSP, total suspended particulates for uncontrolled industrial boilers firing distillate oil.

Note 2: Based on an emission factor for non-methane total organic compounds.

Certification: These records are true and accurate to the best of my knowledge: Signature Regulatory Programs Manager Title 4/17/09 Date

Emission quantity reporting form

Reporting Year 2006

EMISSIONS INVENTORY FORM INV-A

Source name:	Physical Address:	Mailing Address:
FPL ENERGY SEABROOK, LLC	SEABROOK STATION 626 LAFAYETTE ROAD SEABROOK, NH 03874	SEABROOK STATION, P. O. BOX 300 SEABROOK, NH 03874

Device name: Auxiliary Boiler #1 (EU01)

Permit Number if applicable: TV-OP-017

Ozone Season Operating Schedule (May 1 thru September 30)

Days/week: Weeks/Season: Days/Season:

Month	Fuel used	Fuel type	Wt % Sulfur	Actual Fuel Used	Units	MMBTUs	Emission Factor Units SO2	Emission Factor lb/kgal NOx	SO2 (lbs)	NOx (lbs)	Ozone Daily NOx Emissions (lbs/day)
Jan.	Primary	No. 2 Diesel	< 0.4	1,966	gallons	226.5	56.8	24	111.64	47.17	
	Secondary										
Feb.	Primary	No. 2 Diesel	< 0.4	1,811	gallons	226.5	56.8	24	102.84	43.45	
	Secondary										
Mar.	Primary	No. 2 Diesel	< 0.4	1,442	gallons	226.5	56.8	24	81.90	34.61	
	Secondary										
Apr.	Primary	No. 2 Diesel	< 0.4	181	gallons	226.5	56.8	24	10.28	4.34	
	Secondary										
May	Primary	No. 2 Diesel	< 0.4	0	gallons	226.5	56.8	24	0.00	0.00	0.00
	Secondary										
June	Primary	No. 2 Diesel	< 0.4	9,746	gallons	226.5	56.8	24	553.60	233.91	7.80
	Secondary										
July	Primary	No. 2 Diesel	< 0.4	9,746	gallons	226.5	56.8	24	553.60	233.91	7.55
	Secondary										
Aug.	Primary	No. 2 Diesel	< 0.4	9,746	gallons	226.5	56.8	24	553.60	233.91	7.55
	Secondary										
Sep.	Primary	No. 2 Diesel	< 0.4	6,674	gallons	226.5	56.8	24	379.05	160.16	5.34
	Secondary										
Oct.	Primary	No. 2 Diesel	< 0.4	23,092	gallons	226.5	56.8	24	1311.63	554.21	
	Secondary										
Nov.	Primary	No. 2 Diesel	< 0.4	64,717	gallons	226.5	56.8	24	3675.94	1553.22	
	Secondary										
Dec.	Primary	No. 2 Diesel	< 0.4	2,293	gallons	226.5	56.8	24	130.24	55.03	
	Secondary										
Year (total)	Primary	No. 2 Diesel	< 0.4	131,414	gallons	226.5	56.8	24	7464.32	3153.94	
	Secondary										
	Tertiary										
						Tons SO2 and NOx:			3.73	1.58	

Comments:

Certification: These records are true and accurate to the best of my knowledge: Signature 4/17/07 Date

Monthly fuel use reporting form

Reporting Year 2006

EMISSIONS INVENTORY FORM INV-E1

Source name:	Physical Address: SEABROOK STATION	Mailing Address:
FPL ENERGY SEABROOK, LLC	626 LAFAYETTE ROAD	SEABROOK STATION, P. O. BOX 300
	SEABROOK, NH 03874	SEABROOK, NH 03874

Device name: Auxiliary Boiler #2 (EU02) | Permit Number if applicable: TV-OP-017

SIC Code (Standard Industrial Classification): 4911 | SCC Code (Source Classification Codes): 1-01-005-01

Pollutant		Fuel used			Emission Factor(EMF)			Quantity emitted	
		SCC Code	Quantity	(units)	EMF	(units)	Source	(lbs/yr)	(tons/yr)
Total Suspended Particulates TSP	Prim.	1-01-005-01	157,582	gallons	2.00	lb/kgal	AP-42 Table 1.3-6[1]	315.16	0.16
	Sec.						dated 9/98.		
	Tert.								
	Quat.								
Sulfur Dioxide SO2	Prim.	1-01-005-01	157,582	gallons	56.8	lb/kgal	AP-42 Table 1.3-1	8950.66	4.48
(If you completed Form Inv-A, you may	Sec.						dated 9/98.(Errata)		
complete the last column only)	Tert.								
	Quat.								
Nitrogen Oxides NOx	Prim.	1-01-005-01	157,582	gallons	24.0	lb/kgal	AP-42 Table 1.3-1	3781.97	1.89
(If you completed Form Inv-A you may	Sec.						dated 9/98.		
complete the last column only)	Tert.								
	Quat.								
Carbon Monoxide CO	Prim.	1-01-005-01	157,582	gallons	5.00	lb/kgal	AP-42 Table 1.3-1	787.91	0.39
	Sec.						dated 9/98.		
	Tert.								
	Quat.								
Non-Methane VOC	Prim.	1-01-005-01	157,582	gallons	0.2	lb/kgal	AP-42 Table 1.3-3[2]	31.52	0.02
Volatile Organic Compounds	Sec.						dated 9/98.		
	Tert.								
	Quat.								

Comments: Note 1: Based on an emission factor for TSP, total suspended particulates for uncontrolled industrial boilers firing distillate oil.
Note 2: Based on an emission factor for non-methane total organic compounds.

Certification: These records are true and accurate to the best of my knowledge: Signature | Title: Regulatory Programs Manager | Date: 4/17/08

Emission quantity reporting form

Reporting Year 2006

EMISSIONS INVENTORY FORM INV-A

Source name:	Physical Address:	Mailing Address:
FPL ENERGY SEABROOK, LLC	SEABROOK STATION 626 LAFAYETTE ROAD SEABROOK, NH 03874	SEABROOK STATION, P. O. BOX 300 SEABROOK, NH 03874

Device name: Auxiliary Boiler #2 (EU02)

Permit Number if applicable: TV-OP-017

Ozone Season Operating Schedule (May 1 thru September 30)

Days/week: Weeks/Season: Days/Season:

Month	Fuel used	Fuel type	Wt % Sulfur	Actual Fuel Used	Units	MMBTUs	Emission Factor Units SO2	Emission Factor lb/kgal NOx	SO2 (lbs)	NOx (lbs)	Ozone Daily NOx Emissions (lbs/day)
Jan.	Primary	No. 2 Diesel	< 0.4	957	gallons	226.5	56.8	24	54.34	22.96	
	Secondary										
Feb.	Primary	No. 2 Diesel	< 0.4	957	gallons	226.5	56.8	24	54.34	22.96	
	Secondary										
Mar.	Primary	No. 2 Diesel	< 0.4	872	gallons	226.5	56.8	24	49.51	20.92	
	Secondary										
Apr.	Primary	No. 2 Diesel	< 0.4	3,439	gallons	226.5	56.8	24	195.33	82.53	
	Secondary										
May	Primary	No. 2 Diesel	< 0.4	15,143	gallons	226.5	56.8	24	860.09	363.42	11.72
	Secondary										
June	Primary	No. 2 Diesel	< 0.4	15,144	gallons	226.5	56.8	24	860.17	363.45	12.12
	Secondary										
July	Primary	No. 2 Diesel	< 0.4	15,143	gallons	226.5	56.8	24	860.09	363.42	11.72
	Secondary										
Aug.	Primary	No. 2 Diesel	< 0.4	15,144	gallons	226.5	56.8	24	860.17	363.45	11.72
	Secondary										
Sep.	Primary	No. 2 Diesel	< 0.4	7,628	gallons	226.5	56.8	24	433.24	183.06	6.10
	Secondary										
Oct.	Primary	No. 2 Diesel	< 0.4	56,013	gallons	226.5	56.8	24	3181.52	1344.30	
	Secondary										
Nov.	Primary	No. 2 Diesel	< 0.4	23,458	gallons	226.5	56.8	24	1332.41	562.99	
	Secondary										
Dec.	Primary	No. 2 Diesel	< 0.4	3,685	gallons	226.5	56.8	24	209.31	88.44	
	Secondary										
Year (total)	Primary	No. 2 Diesel	< 0.4	157,585	gallons	226.5	56.8	24	8950.54	3781.92	
	Secondary										
	Tertiary										
						Tons SO2 and NOx:			4.48	1.89	

Comments:

Certification: These records are true and accurate to the best of my knowledge: Signature 4/17/07 Date

Monthly fuel use reporting form

Reporting Year 2006

EMISSIONS INVENTORY FORM INV-E1

Source name:	Physical Address: SEABROOK STATION	Mailing Address:
FPL ENERGY SEABROOK, LLC	626 LAFAYETTE ROAD	SEABROOK STATION, P. O. BOX 300
	SEABROOK, NH 03874	SEABROOK, NH 03874

Device name: Emergency Diesel Generator 1A (EU03) | Permit Number if applicable: TV-OP-017

SIC Code (Standard Industrial Classification): 4911 | SCC Code (Source Classification Codes): 2-02-004-01

Pollutant		Fuel used			Emission Factor(EMF)			Quantity emitted	
		SCC Code	Quantity	(units)	EMF	(units)	Source	(lbs/yr)	(tons/yr)
Total Suspended Particulates TSP	Prim.	2-02-004-01	24,932	gallons	8.494	lb/kgal	AP-42 Table 3.4-2[1]	211.77	0.11
	Sec.						dated 10/96.		
	Tert.								
	Quat.								
Sulfur Dioxide SO2	Prim.	2-02-004-01	24,932	gallons	6.918	lb/kgal	AP-42 Table 3.4-1	172.48	0.09
(If you completed Form Inv-A, you may	Sec.						dated 10/96.		
complete the last column only)	Tert.								
	Quat.								
Nitrogen Oxides NOx	Prim.	2-02-004-01	24,932	gallons	438.4	lb/kgal	AP-42 Table 3.4-1	10930.19	5.47
(If you completed Form Inv-A you may	Sec.						dated 10/96.		
complete the last column only)	Tert.								
	Quat.								
Carbon Monoxide CO	Prim.	2-02-004-01	24,932	gallons	116.45	lb/kgal	AP-42 Table 3.4-1	2903.33	1.45
	Sec.						dated 10/96.		
	Tert.								
	Quat.								
Non-Methane VOC	Prim.	2-02-004-01	24,932	gallons	11.22	lb/kgal	AP-42 Table 3.4-1[2]	279.74	0.14
Volatile Organic Compounds	Sec.						dated 10/96.		
	Tert.								
	Quat.								

Comments: Note 1: Based on an emission factor for total filterable particulates of .0620 lb/MMBtu for large stationary diesel engines.
Note 2: Based on an emission factor for non-methane total organic compounds.

Certification: These records are true and accurate to the best of my knowledge: Signature | Title Rotowaway Programs Manager | Date 4/17/07

Emission quantity reporting form

INV-A

Reporting Year 2006

EMISSIONS INVENTORY FORM INV-A

Source name:	Physical Address:	Mailing Address:
FPL ENERGY SEABROOK, LLC	SEABROOK STATION 626 LAFAYETTE ROAD SEABROOK, NH 03874	SEABROOK STATION, P. O. BOX 300 SEABROOK, NH 03874

Device name: Emergency Diesel Generator 1A (EU03)

Permit Number if applicable: TV-OP-017

Ozone Season Operating Schedule (May 1 thru September 30)

Days/week: Weeks/Season: Days/Season:

Month	Fuel used	Fuel type	Wt % Sulfur	Actual Fuel Used	Units	MMBTUs	Emission Factor Units SO2	Emission Factor lb/kgal NOx	SO2 (lbs)	NOx (lbs)	Ozone Daily NOx Emissions (lbs/day)
Jan.	Primary	On-road diesel	< 0.05	998	gallons	226.5	6.918	438.4	6.91	437.70	
	Secondary										
Feb.	Primary	On-road diesel	< 0.05	796	gallons	226.5	6.918	438.4	5.50	348.79	
	Secondary										
Mar.	Primary	On-road diesel	< 0.05	1,685	gallons	226.5	6.918	438.4	11.66	738.62	
	Secondary										
Apr.	Primary	On-road diesel	< 0.05	671	gallons	226.5	6.918	438.4	4.64	294.08	
	Secondary										
May	Primary	On-road diesel	< 0.05	895	gallons	226.5	6.918	438.4	6.19	392.54	12.66
	Secondary										
June	Primary	On-road diesel	< 0.05	1,055	gallons	226.5	6.918	438.4	7.30	462.34	15.41
	Secondary										
July	Primary	On-road diesel	< 0.05	973	gallons	226.5	6.918	438.4	6.73	426.74	13.77
	Secondary										
Aug.	Primary	On-road diesel	< 0.05	2,143	gallons	226.5	6.918	438.4	14.83	939.67	30.31
	Secondary										
Sep.	Primary	On-road diesel	< 0.05	3,488	gallons	226.5	6.918	438.4	24.13	1529.23	50.97
	Secondary										
Oct.	Primary	On-road diesel	< 0.05	2,565	gallons	226.5	6.918	438.4	17.74	1124.32	
	Secondary										
Nov.	Primary	On-road diesel	< 0.05	8,883	gallons	226.5	6.918	438.4	61.45	3894.13	
	Secondary										
Dec.	Primary	On-road diesel	< 0.05	780	gallons	226.5	6.918	438.4	5.40	341.95	
	Secondary										
Year (total)	Primary	On-road diesel	< 0.05	24,932	gallons	226.5	6.918	438.4	172.48	10930.10	
	Secondary										
	Tertiary										
						Tons SO2 and NOx:			0.09	5.47	

Comments:

Certification: These records are true and accurate to the best of my knowledge: 4/17/07

Signature Date

Monthly fuel use reporting form

Reporting Year 2006

EMISSIONS INVENTORY FORM INV-E1

Source name:	Physical Address: SEABROOK STATION	Mailing Address:
FPL ENERGY SEABROOK, LLC	626 LAFAYETTE ROAD	SEABROOK STATION, P. O. BOX 300
	SEABROOK, NH 03874	SEABROOK, NH 03874

Device name: Emergency Diesel Generator 1B (EU04) | Permit Number if applicable: TV-OP-017

SIC Code (Standard Industrial Classification): 4911 | SCC Code (Source Classification Codes): 2-02-004-01

Pollutant		Fuel used			Emission Factor(EMF)			Quantity emitted	
		SCC Code	Quantity	(units)	EMF	(units)	Source	(lbs/yr)	(tons/yr)
Total Suspended Particulates TSP	Prim.	2-02-004-01	19,225	gallons	8.494	lb/kgal	AP-42 Table 3.4-2[1]	163.30	0.08
	Sec.						dated 10/96.		
	Tert.								
	Quat.								
Sulfur Dioxide SO2	Prim.	2-02-004-01	19,225	gallons	6.918	lb/kgal	AP-42 Table 3.4-1	133.00	0.07
(If you completed Form Inv-A, you may	Sec.						dated 10/96.		
complete the last column only)	Tert.								
	Quat.								
Nitrogen Oxides NOx	Prim.	2-02-004-01	19,225	gallons	438.4	lb/kgal	AP-42 Table 3.4-1	8428.42	4.21
(If you completed Form Inv-A you may	Sec.						dated 10/96.		
complete the last column only)	Tert.								
	Quat.								
Carbon Monoxide CO	Prim.	2-02-004-01	19,225	gallons	116.45	lb/kgal	AP-42 Table 3.4-1	2238.80	1.12
	Sec.						dated 10/96.		
	Tert.								
	Quat.								
Non-Methane VOC	Prim.	2-02-004-01	19,225	gallons	11.22	lb/kgal	AP-42 Table 3.4-1[2]	215.71	0.11
Volatile Organic Compounds	Sec.						dated 10/96.		
	Tert.								
	Quat.								

Comments: Note 1: Based on an emission factor for total filterable particulates of .0620 lb/MMBtu for large stationary diesel engines.
Note 2: Based on an emission factor for non-methane total organic compounds.

Certification: These records are true and accurate to the best of my knowledge: [signature] Regulatory Programs 4/17/07

Emission quantity reporting form Signature Title Manager. Date

INV-A

Reporting Year 2006

EMISSIONS INVENTORY FORM INV-A

Source name:	Physical Address:	Mailing Address:
FPL ENERGY SEABROOK, LLC	SEABROOK STATION 626 LAFAYETTE ROAD SEABROOK, NH 03874	SEABROOK STATION, P. O. BOX 300 SEABROOK, NH 03874

Device name: Emergency Diesel Generator 1B (EU04)

Permit Number if applicable: TV-OP-017

Ozone Season Operating Schedule (May 1 thru September 30)

Days/week: Weeks/Season: Days/Season:

Month	Fuel used	Fuel type	Wt % Sulfur	Actual Fuel Used	Units	MMBTUs	Emission Factor Units SO2	Emission Factor lb/kgal NOx	SO2 (lbs)	NOx (lbs)	Ozone Daily NOx Emissions (lbs/day)
Jan.	Primary	On-road diesel	< 0.05	1,488	gallons	226.5	6.918	438.4	10.30	652.43	
	Secondary										
Feb.	Primary	On-road diesel	< 0.05	883	gallons	226.5	6.918	438.4	6.11	387.11	
	Secondary										
Mar.	Primary	On-road diesel	< 0.05	1,800	gallons	226.5	6.918	438.4	12.45	789.21	
	Secondary										
Apr.	Primary	On-road diesel	< 0.05	0	gallons	226.5	6.918	438.4	0.00	0.00	
	Secondary										
May	Primary	On-road diesel	< 0.05	3,379	gallons	226.5	6.918	438.4	23.38	1481.35	47.79
	Secondary										
June	Primary	On-road diesel	< 0.05	1,211	gallons	226.5	6.918	438.4	8.37	530.73	17.69
	Secondary										
July	Primary	On-road diesel	< 0.05	2,278	gallons	226.5	6.918	438.4	15.76	998.50	32.21
	Secondary										
Aug.	Primary	On-road diesel	< 0.05	1,051	gallons	226.5	6.918	438.4	7.27	460.93	14.87
	Secondary										
Sep.	Primary	On-road diesel	< 0.05	1,679	gallons	226.5	6.918	438.4	11.61	735.90	24.53
	Secondary										
Oct.	Primary	On-road diesel	< 0.05	4,009	gallons	226.5	6.918	438.4	27.74	1757.63	
	Secondary										
Nov.	Primary	On-road diesel	< 0.05	749	gallons	226.5	6.918	438.4	5.18	328.27	
	Secondary										
Dec.	Primary	On-road diesel	< 0.05	696	gallons	226.5	6.918	438.4	4.81	305.04	
	Secondary										
Year (total)	Primary	On-road diesel	< 0.05	19,225	gallons	226.5	6.918	438.4	132.98	8427.10	
	Secondary										
	Tertiary										
						Tons SO2 and NOx:			0.07	4.21	

Comments:

Certification: These records are true and accurate to the best of my knowledge: 4/17/07

Signature Date

Monthly fuel use reporting form

INV-E1

Reporting Year 2006

EMISSIONS INVENTORY FORM INV-E1

Source name:	Physical Address: SEABROOK STATION	Mailing Address:
FPL ENERGY SEABROOK, LLC	626 LAFAYETTE ROAD	SEABROOK STATION, P. O. BOX 300
	SEABROOK, NH 03874	SEABROOK, NH 03874

Device name: SEPS Diesel Generator 2A (EU05) | Permit Number if applicable: TV-OP-017

SIC Code (Standard Industrial Classification): 4911 | SCC Code (Source Classification Codes): 2-02-004-01

Pollutant		Fuel used			Emission Factor(EMF)			Quantity emitted	
		SCC Code	Quantity	(units)	EMF	(units)	Source	(lbs/yr)	(tons/yr)
Total Suspended Particulates TSP	Prim.	2-02-004-01	1,311	gallons	8.494	lb/kgal	AP-42 Table 3.4-2[1]	11.14	0.01
	Sec.						dated 10/96.		
	Tert.								
	Quat.								
Sulfur Dioxide SO2	Prim.	2-02-004-01	1,311	gallons	6.918	lb/kgal	AP-42 Table 3.4-1	9.07	0.00
(If you completed Form Inv-A, you may	Sec.						dated 10/96.		
complete the last column only)	Tert.								
	Quat.								
Nitrogen Oxides NOx	Prim.	2-02-004-01	1,311	gallons	438.4	lb/kgal	AP-42 Table 3.4-1	574.74	0.29
(If you completed Form Inv-A you may	Sec.						dated 10/96.		
complete the last column only)	Tert.								
	Quat.								
Carbon Monoxide CO	Prim.	2-02-004-01	1,311	gallons	116.45	lb/kgal	AP-42 Table 3.4-1	152.67	0.08
	Sec.						dated 10/96.		
	Tert.								
	Quat.								
Non-Methane VOC	Prim.	2-02-004-01	1,311	gallons	11.22	lb/kgal	AP-42 Table 3.4-1[2]	14.71	0.01
Volatile Organic Compounds	Sec.						dated 10/96.		
	Tert.								
	Quat.								

Comments: Note 1: Based on an emission factor for total filterable particulates of .0620 lb/MMBtu for large stationary diesel engines.

Note 2: Based on an emission factor for non-methane total organic compounds.

Certification: These records are true and accurate to the best of my knowledge: [signature] REGULATORY PROGRAMS MANAGER 4/17/07

Signature | Title | Date

Emission quantity reporting form

INV-A

Reporting Year 2006

EMISSIONS INVENTORY FORM INV-A

Source name:	Physical Address:	SEABROOK STATION	Mailing Address:
FPL ENERGY SEABROOK,		626 LAFAYETTE ROAD	SEABROOK STATION, P. O. BOX 300
LLC		SEABROOK, NH 03874	SEABROOK, NH 03874

Device name: SEPS Diesel Generator 2A (EU05)

Permit Number if applicable: TP-B-0498

Ozone Season Operating Schedule (May 1 thru September 30)

Days/week: Weeks/Season: Days/Season:

Month	Fuel used	Fuel type	Wt % Sulfur	Actual Fuel Used	Units	MMBTUs	Emission Factor Units SO2	Emission Factor lb/kgal NOx	SO2 (lbs)	NOx (lbs)	Ozone Daily NOx Emissions (lbs/day)
Jan.	Primary	On-road diesel	< 0.05	79	gallons	226.5	6.918	438.4	0.55	34.77	
	Secondary										
Feb.	Primary	On-road diesel	< 0.05	14	gallons	226.5	6.918	438.4	0.09	6.01	
	Secondary										
Mar.	Primary	On-road diesel	< 0.05	100	gallons	226.5	6.918	438.4	0.69	43.84	
	Secondary										
Apr.	Primary	On-road diesel	< 0.05	109	gallons	226.5	6.918	438.4	0.75	47.79	
	Secondary										
May	Primary	On-road diesel	< 0.05	109	gallons	226.5	6.918	438.4	0.75	47.79	1.54
	Secondary										
June	Primary	On-road diesel	< 0.05	103	gallons	226.5	6.918	438.4	0.71	45.16	1.51
	Secondary										
July	Primary	On-road diesel	< 0.05	83	gallons	226.5	6.918	438.4	0.58	36.52	1.18
	Secondary										
Aug.	Primary	On-road diesel	< 0.05	354	gallons	226.5	6.918	438.4	2.45	155.19	5.01
	Secondary										
Sep.	Primary	On-road diesel	< 0.05	96	gallons	226.5	6.918	438.4	0.66	42.09	1.40
	Secondary										
Oct.	Primary	On-road diesel	< 0.05	96	gallons	226.5	6.918	438.4	0.66	42.09	
	Secondary										
Nov.	Primary	On-road diesel	< 0.05	76	gallons	226.5	6.918	438.4	0.53	33.32	
	Secondary										
Dec.	Primary	On-road diesel	< 0.05	92	gallons	226.5	6.918	438.4	0.64	40.33	
	Secondary										
Year	Primary	On-road diesel	< 0.05	1,311	gallons	226.5	6.918	438.4	9.07	574.87	
(total)	Secondary										
	Tertiary										
						Tons SO2 and NOx:			0.00	0.29	

Comments:

Certification: These records are true and accurate to the best of my knowledge: Signature 4/17/07 Date

Monthly fuel use reporting form

Reporting Year 2006

EMISSIONS INVENTORY FORM INV-E1

Source name:	Physical Address: SEABROOK STATION	Mailing Address:
FPL ENERGY SEABROOK, LLC	626 LAFAYETTE ROAD	SEABROOK STATION, P. O. BOX 300
	SEABROOK, NH 03874	SEABROOK, NH 03874

Device name: SEPS Diesel Generator 2B (EU06) | Permit Number if applicable: TV-OP-017

SIC Code (Standard Industrial Classification): 4911 | SCC Code (Source Classification Codes): 2-02-004-01

Pollutant		Fuel used				Emission Factor(EMF)			Quantity emitted	
			SCC Code	Quantity	(units)	EMF	(units)	Source	(lbs/yr)	(tons/yr)
Total Suspended Particulates	TSP	Prim.	2-02-004-01	1,253	gallons	8.494	lb/kgal	AP-42 Table 3.4-2[1]	10.64	0.01
		Sec.						dated 10/96.		
		Tert.								
		Quat.								
Sulfur Dioxide	SO2	Prim.	2-02-004-01	1,253	gallons	6.918	lb/kgal	AP-42 Table 3.4-1	8.67	0.00
(If you completed Form Inv-A, you may		Sec.						dated 10/96.		
complete the last column only)		Tert.								
		Quat.								
Nitrogen Oxides	NOx	Prim.	2-02-004-01	1,253	gallons	438.4	lb/kgal	AP-42 Table 3.4-1	549.32	0.27
(If you completed Form Inv-A you may		Sec.						dated 10/96.		
complete the last column only)		Tert.								
		Quat.								
Carbon Monoxide	CO	Prim.	2-02-004-01	1,253	gallons	116.45	lb/kgal	AP-42 Table 3.4-1	145.91	0.07
		Sec.						dated 10/96.		
		Tert.								
		Quat.								
Non-Methane	VOC	Prim.	2-02-004-01	1,253	gallons	11.22	lb/kgal	AP-42 Table 3.4-1[2]	14.06	0.01
Volatile Organic Compounds		Sec.						dated 10/96.		
		Tert.								
		Quat.								

Comments: Note 1: Based on an emission factor for total filterable particulates of .0620 lb/MMBtu for large stationary diesel engines.
Note 2: Based on an emission factor for non-methane total organic compounds.

Certification: These records are true and accurate to the best of my knowledge: Signature | Title: Regulatory Programs Manager | Date: 4/17/07

Emission quantity reporting form

INV-A

Reporting Year 2006

EMISSIONS INVENTORY FORM INV-A

Source name:	Physical Address:	Mailing Address:
FPL ENERGY SEABROOK, LLC	SEABROOK STATION 626 LAFAYETTE ROAD SEABROOK, NH 03874	SEABROOK STATION, P. O. BOX 300 SEABROOK, NH 03874

Device name: SEPS Diesel Generator 2B (EU06)

Permit Number if applicable: TP-B-0498

Ozone Season Operating Schedule (May 1 thru September 30)

Days/week: Weeks/Season: Days/Season:

Month	Fuel used	Fuel type	Wt % Sulfur	Actual Fuel Used	Units	MMBTUs	Emission Factor Units lb/kgal SO2	Emission Factor Units lb/kgal NOx	SO2 (lbs)	NOx (lbs)	Ozone Daily NOx Emissions (lbs/day)
Jan.	Primary	On-road diesel	< 0.05	16	gallons	226.5	6.918	438.4	0.11	7.01	
	Secondary										
Feb.	Primary	On-road diesel	< 0.05	10	gallons	226.5	6.918	438.4	0.07	4.38	
	Secondary										
Mar.	Primary	On-road diesel	< 0.05	100	gallons	226.5	6.918	438.4	0.69	43.84	
	Secondary										
Apr.	Primary	On-road diesel	< 0.05	109	gallons	226.5	6.918	438.4	0.75	47.79	
	Secondary										
May	Primary	On-road diesel	< 0.05	109	gallons	226.5	6.918	438.4	0.75	47.79	1.54
	Secondary										
June	Primary	On-road diesel	< 0.05	104	gallons	226.5	6.918	438.4	0.72	45.59	1.52
	Secondary										
July	Primary	On-road diesel	< 0.05	84	gallons	226.5	6.918	438.4	0.58	36.83	1.19
	Secondary										
Aug.	Primary	On-road diesel	< 0.05	357	gallons	226.5	6.918	438.4	2.47	156.51	5.05
	Secondary										
Sep.	Primary	On-road diesel	< 0.05	97	gallons	226.5	6.918	438.4	0.67	42.52	1.42
	Secondary										
Oct.	Primary	On-road diesel	< 0.05	97	gallons	226.5	6.918	438.4	0.67	42.52	
	Secondary										
Nov.	Primary	On-road diesel	< 0.05	77	gallons	226.5	6.918	438.4	0.53	33.76	
	Secondary										
Dec.	Primary	On-road diesel	< 0.05	93	gallons	226.5	6.918	438.4	0.64	40.77	
	Secondary										
Year (total)	Primary	On-road diesel	< 0.05	1,253	gallons	226.5	6.918	438.4	8.67	549.32	
	Secondary										
	Tertiary										
						Tons SO2 and NOx:			0.00	0.27	

Comments:

Certification: These records are true and accurate to the best of my knowledge: Signature 4/17/07 Date

Monthly fuel use reporting form

INV-E1

Reporting Year 2006

EMISSIONS INVENTORY FORM INV-E1

Source name:	Physical Address: SEABROOK STATION	Mailing Address:
FPL ENERGY SEABROOK, LLC	626 LAFAYETTE ROAD	SEABROOK STATION, P. O. BOX 300
	SEABROOK, NH 03874	SEABROOK, NH 03874

Device name: OSB Diesel Generator 68-121 (EU07) | Permit Number if applicable: TV-OP-017

SIC Code (Standard Industrial Classification): 4911 | SCC Code (Source Classification Codes): 2-02-001-02

Pollutant		Fuel used			Emission Factor(EMF)			Quantity emitted	
		SCC Code	Quantity	(units)	EMF	(units)	Source	(lbs/yr)	(tons/yr)
Total Suspended Particulates TSP	Prim.	2-02-001-02	19.2	gallons	42.47	lb/kgal	AP-42 Table 3.3-1[1]	0.82	0.00
	Sec.						dated 10/96.		
	Tert.								
	Quat.								
Sulfur Dioxide SO2	Prim.	2-02-001-02	19.2	gallons	39.73	lb/kgal	AP-42 Table 3.3-1	0.76	0.00
(If you completed Form Inv-A, you may	Sec.						dated 10/96.		
complete the last column only)	Tert.								
	Quat.								
Nitrogen Oxides NOx	Prim.	2-02-001-02	19.2	gallons	604	lb/kgal	AP-42 Table 3.3-1	11.60	0.01
(If you completed Form Inv-A you may	Sec.						dated 10/96.		
complete the last column only)	Tert.								
	Quat.								
Carbon Monoxide CO	Prim.	2-02-001-02	19.2	gallons	130.15	lb/kgal	AP-42 Table 3.3-1	2.50	0.00
	Sec.						dated 10/96.		
	Tert.								
	Quat.								
Non-Methane VOC	Prim.	2-02-001-02	19.2	gallons	49.32	lb/kgal	AP-42 Table 3.3-1[2]	0.95	0.00
Volatile Organic Compounds	Sec.						dated 10/96.		
	Tert.								
	Quat.								

Comments: Note 1: Based on cumulative particulate sizes up to and including PM-10.

Note 2: Based on an emission factor for non-methane total organic compounds.

Certification: These records are true and accurate to the best of my knowledge: Signature | Regulatory Affairs Manager | 4/17/07

Emission quantity reporting form

INV-A

Reporting Year 2006

EMISSIONS INVENTORY FORM INV-A

Source name:	Physical Address:	SEABROOK STATION	Mailing Address:
FPL ENERGY SEABROOK,		626 LAFAYETTE ROAD	SEABROOK STATION, P. O. BOX 300
LLC		SEABROOK, NH 03874	SEABROOK, NH 03874

Device name: OSB Diesel Generator 68-121 (EU07)

Permit Number if applicable: TV-OP-017

Ozone Season Operating Schedule (May 1 thru September 30)

Days/week: Weeks/Season: Days/Season:

Month	Fuel used	Fuel type	Wt % Sulfur	Actual Fuel Used	Units	MMBTUs	Emission Factor Units SO2	Emission Factor Units NOx (lb/kgal)	SO2 (lbs)	NOx (lbs)	Ozone Daily NOx Emissions (lbs/day)
Jan.	Primary	No. 2 Diesel	< 0.4	1.6	gallons	1.1	39.73	604	0.06	0.97	
	Secondary										
Feb.	Primary	No. 2 Diesel	< 0.4	1.6	gallons	1.1	39.73	604	0.06	0.97	
	Secondary										
Mar.	Primary	No. 2 Diesel	< 0.4	1.6	gallons	1.1	39.73	604	0.06	0.97	
	Secondary										
Apr.	Primary	No. 2 Diesel	< 0.4	1.6	gallons	1.1	39.73	604	0.06	0.97	
	Secondary										
May	Primary	No. 2 Diesel	< 0.4	1.6	gallons	1.1	39.73	604	0.06	0.97	0.03
	Secondary										
June	Primary	No. 2 Diesel	< 0.4	1.6	gallons	1.1	39.73	604	0.06	0.97	0.03
	Secondary										
July	Primary	No. 2 Diesel	< 0.4	1.6	gallons	1.1	39.73	604	0.06	0.97	0.03
	Secondary										
Aug.	Primary	No. 2 Diesel	< 0.4	1.6	gallons	1.1	39.73	604	0.06	0.97	0.03
	Secondary										
Sep.	Primary	No. 2 Diesel	< 0.4	1.6	gallons	1.1	39.73	604	0.06	0.97	0.03
	Secondary										
Oct.	Primary	No. 2 Diesel	< 0.4	1.6	gallons	1.1	39.73	604	0.06	0.97	
	Secondary										
Nov.	Primary	No. 2 Diesel	< 0.4	1.6	gallons	1.1	39.73	604	0.06	0.97	
	Secondary										
Dec.	Primary	No. 2 Diesel	< 0.4	1.6	gallons	1.1	39.73	604	0.06	0.97	
	Secondary										
Year	Primary	No. 2 Diesel	< 0.4	19.2	gallons	1.1	39.73	604	0.76	11.60	
(total)	Secondary										
	Tertiary										
						Tons SO2 and NOx:			0.00	0.01	

Comments:

Certification: These records are true and accurate to the best of my knowledge: Signature 4/17/07 Date

Monthly fuel use reporting form

Reporting Year 2006

EMISSIONS INVENTORY FORM INV-E1

Source name:	Physical Address: SEABROOK STATION	Mailing Address:
FPL ENERGY SEABROOK, LLC	626 LAFAYETTE ROAD	SEABROOK STATION, P. O. BOX 300
	SEABROOK, NH 03874	SEABROOK, NH 03874

Device name: GOB Diesel Generator 68-999 (EU08) | Permit Number if applicable: TV-OP-017

SIC Code (Standard Industrial Classification): 4911 | SCC Code (Source Classification Codes): 2-02-001-02

Pollutant		Fuel used			Emission Factor(EMF)			Quantity emitted	
		SCC Code	Quantity	(units)	EMF	(units)	Source	(lbs/yr)	(tons/yr)
Total Suspended Particulates TSP	Prim.	2-02-001-02	24.0	gallons	42.47	lb/kgal	AP-42 Table 3.3-1[1]	1.02	0.00
	Sec.						dated 10/96.		
	Tert.								
	Quat.								
Sulfur Dioxide SO2	Prim.	2-02-001-02	24.0	gallons	39.73	lb/kgal	AP-42 Table 3.3-1	0.95	0.00
(If you completed Form Inv-A, you may	Sec.						dated 10/96.		
complete the last column only)	Tert.								
	Quat.								
Nitrogen Oxides NOx	Prim.	2-02-001-02	24.0	gallons	604	lb/kgal	AP-42 Table 3.3-1	14.50	0.01
(If you completed Form Inv-A you may	Sec.						dated 10/96.		
complete the last column only)	Tert.								
	Quat.								
Carbon Monoxide CO	Prim.	2-02-001-02	24.0	gallons	130.15	lb/kgal	AP-42 Table 3.3-1	3.12	0.00
	Sec.						dated 10/96.		
	Tert.								
	Quat.								
Non-Methane VOC	Prim.	2-02-001-02	24.0	gallons	49.32	lb/kgal	AP-42 Table 3.3-1[2]	1.18	0.00
Volatile Organic Compounds	Sec.						dated 10/96.		
	Tert.								
	Quat.								

Comments: Note 1: Based on cumulative particulate sizes up to and including PM-10.
Note 2: Based on an emission factor for non-methane total organic compounds.

Certification: These records are true and accurate to the best of my knowledge: Signature | Title: REGULATORY PROGRAM MANAGER | Date: 4/17/07

Emission quantity reporting form

INV-A

Reporting Year 2006

EMISSIONS INVENTORY FORM INV-A

Source name:	Physical Address:	Mailing Address:
FPL ENERGY SEABROOK, LLC	SEABROOK STATION 626 LAFAYETTE ROAD SEABROOK, NH 03874	SEABROOK STATION, P. O. BOX 300 SEABROOK, NH 03874

Device name: GOB Diesel Generator 68-999 (EU08)

Permit Number if applicable: TV-OP-017

Ozone Season Operating Schedule (May 1 thru September 30)

Days/week: Weeks/Season: Days/Season:

Month	Fuel used	Fuel type	Wt % Sulfur	Actual Fuel Used	Units	MMBTUs	Emission Factor Units lb/kgal SO2	Emission Factor Units lb/kgal NOx	SO2 (lbs)	NOx (lbs)	Ozone Daily NOx Emissions (lbs/day)
Jan.	Primary	No. 2 Diesel	< 0.4	2.0	gallons	1.1	39.73	604	0.08	1.21	
	Secondary										
Feb.	Primary	No. 2 Diesel	< 0.4	2.0	gallons	1.1	39.73	604	0.08	1.21	
	Secondary										
Mar.	Primary	No. 2 Diesel	< 0.4	2.0	gallons	1.1	39.73	604	0.08	1.21	
	Secondary										
Apr.	Primary	No. 2 Diesel	< 0.4	2.0	gallons	1.1	39.73	604	0.08	1.21	
	Secondary										
May	Primary	No. 2 Diesel	< 0.4	2.0	gallons	1.1	39.73	604	0.08	1.21	0.04
	Secondary										
June	Primary	No. 2 Diesel	< 0.4	2.0	gallons	1.1	39.73	604	0.08	1.21	0.04
	Secondary										
July	Primary	No. 2 Diesel	< 0.4	2.0	gallons	1.1	39.73	604	0.08	1.21	0.04
	Secondary										
Aug.	Primary	No. 2 Diesel	< 0.4	2.0	gallons	1.1	39.73	604	0.08	1.21	0.04
	Secondary										
Sep.	Primary	No. 2 Diesel	< 0.4	2.0	gallons	1.1	39.73	604	0.08	1.21	0.04
	Secondary										
Oct.	Primary	No. 2 Diesel	< 0.4	2.0	gallons	1.1	39.73	604	0.08	1.21	
	Secondary										
Nov.	Primary	No. 2 Diesel	< 0.4	2.0	gallons	1.1	39.73	604	0.08	1.21	
	Secondary										
Dec.	Primary	No. 2 Diesel	< 0.4	2.0	gallons	1.1	39.73	604	0.08	1.21	
	Secondary										
Year (total)	Primary	No. 2 Diesel	< 0.4	24.0	gallons	1.1	39.73	604	0.95	14.50	
	Secondary										
	Tertiary										
						Tons SO2 and NOx:			0.00	0.01	

Comments:

Certification: These records are true and accurate to the best of my knowledge: Signature 4/17/07 Date

Monthly fuel use reporting form

INV-E1

Reporting Year 2006

EMISSIONS INVENTORY FORM INV-E1

Source name:	Physical Address: SEABROOK STATION	Mailing Address:
FPL ENERGY SEABROOK, LLC	626 LAFAYETTE ROAD	SEABROOK STATION, P. O. BOX 300
	SEABROOK, NH 03874	SEABROOK, NH 03874

Device name: Sullair Air Compressor (EU09) | Permit Number if applicable: TV-OP-017

SIC Code (Standard Industrial Classification): 4911 | SCC Code (Source Classification Codes): 2-02-001-02

Pollutant		Fuel used			Emission Factor(EMF)			Quantity emitted	
		SCC Code	Quantity	(units)	EMF	(units)	Source	(lbs/yr)	(tons/yr)
Total Suspended Particulates TSP	Prim.	2-02-001-02	570.4	gallons	42.47	lb/kgal	AP-42 Table 3.3-1[1]	24.22	0.01
	Sec.						dated 10/96.		
	Tert.								
	Quat.								
Sulfur Dioxide SO2	Prim.	2-02-001-02	570.4	gallons	39.73	lb/kgal	AP-42 Table 3.3-1	22.66	0.01
(If you completed Form Inv-A, you may	Sec.						dated 10/96.		
complete the last column only)	Tert.								
	Quat.								
Nitrogen Oxides NOx	Prim.	2-02-001-02	570.4	gallons	604	lb/kgal	AP-42 Table 3.3-1	344.52	0.17
(If you completed Form Inv-A you may	Sec.						dated 10/96.		
complete the last column only)	Tert.								
	Quat.								
Carbon Monoxide CO	Prim.	2-02-001-02	570.4	gallons	130.15	lb/kgal	AP-42 Table 3.3-1	74.24	0.04
	Sec.						dated 10/96.		
	Tert.								
	Quat.								
Non-Methane VOC	Prim.	2-02-001-02	570.4	gallons	49.32	lb/kgal	AP-42 Table 3.3-1[2]	28.13	0.01
Volatile Organic Compounds	Sec.						dated 10/96.		
	Tert.								
	Quat.								

Comments: Note 1: Based on cumulative particulate sizes up to and including PM-10.

Note 2: Based on an emission factor for non-methane total organic compounds.

Certification: These records are true and accurate to the best of my knowledge: [signature] REGULATORY PROGRAMS MANAGER 7/17/07

Emission quantity reporting form Signature Title Date

INV-A

Reporting Year 2006

EMISSIONS INVENTORY FORM INV-A

Source name:	Physical Address:	Mailing Address:
FPL ENERGY SEABROOK, LLC	SEABROOK STATION 626 LAFAYETTE ROAD SEABROOK, NH 03874	SEABROOK STATION, P. O. BOX 300 SEABROOK, NH 03874

Device name: Sullair Air Compressor (EU09)

Permit Number if applicable: TP-B-0507

Ozone Season Operating Schedule (May 1 thru September 30)

Days/week: Weeks/Season: Days/Season:

Month	Fuel used	Fuel type	Wt % Sulfur	Actual Fuel Used	Units	MMBTUs	Emission Factor Units lb/kgal SO2	Emission Factor Units lb/kgal NOx	SO2 (lbs)	NOx (lbs)	Ozone Daily NOx Emissions (lbs/day)
Jan.	Primary	No. 2 Diesel	< 0.4	49.6	gallons	1.1	39.73	604	1.97	29.96	
	Secondary										
Feb.	Primary	No. 2 Diesel	< 0.4	62.0	gallons	1.1	39.73	604	2.46	37.45	
	Secondary										
Mar.	Primary	No. 2 Diesel	< 0.4	74.4	gallons	1.1	39.73	604	2.96	44.94	
	Secondary										
Apr.	Primary	No. 2 Diesel	< 0.4	74.4	gallons	1.1	39.73	604	2.96	44.94	
	Secondary										
May	Primary	No. 2 Diesel	< 0.4	49.6	gallons	1.1	39.73	604	1.97	29.96	0.97
	Secondary										
June	Primary	No. 2 Diesel	< 0.4	37.2	gallons	1.1	39.73	604	1.48	22.47	0.75
	Secondary										
July	Primary	No. 2 Diesel	< 0.4	37.2	gallons	1.1	39.73	604	1.48	22.47	0.72
	Secondary										
Aug.	Primary	No. 2 Diesel	< 0.4	49.6	gallons	1.1	39.73	604	1.97	29.96	0.97
	Secondary										
Sep.	Primary	No. 2 Diesel	< 0.4	24.8	gallons	1.1	39.73	604	0.99	14.98	0.50
	Secondary										
Oct.	Primary	No. 2 Diesel	< 0.4	49.6	gallons	1.1	39.73	604	1.97	29.96	
	Secondary										
Nov.	Primary	No. 2 Diesel	< 0.4	24.8	gallons	1.1	39.73	604	0.99	14.98	
	Secondary										
Dec.	Primary	No. 2 Diesel	< 0.4	37.2	gallons	1.1	39.73	604	1.48	22.47	
	Secondary										
Year (total)	Primary	No. 2 Diesel	< 0.4	570.4	gallons	1.1	39.73	604	22.66	344.52	
	Secondary										
	Tertiary										
						Tons SO2 and NOx:			0.01	0.17	

Comments:

Certification: These records are true and accurate to the best of my knowledge: Signature 4/17/07 Date

Monthly fuel use reporting form

Speciation Summary
Year 2005

2006 REGULATED TOXIC AIR POLLUTANT SPECIATION SUMMARY:				
		EU01	EU02	
		Auxiliary Boiler #1	Auxiliary Boiler #2	
CAS Number	Speciated Air Pollutant (Bold type indicates NH Regulated Toxic Air Pollutant)	Emissions (lbs.)	Emissions (lbs.)	Reference
7439-92-1	**Lead**	0.162033462	0.194298606	(Note 1)
7439-96-5	**Manganese**	0.108022308	0.129532404	(Note 1)
7439-97-6	**Mercury**	0.054011154	0.064766202	(Note 1)
7440-02-0	**Nickel**	0.054011154	0.064766202	(Note 1)
7440-31-5	**Tin**	0	0	(Note 1)
7440-38-2	**Arsenic**	0.072014872	0.086354936	(Note 1)
7440-41-7	**Beryllium**	0.054011154	0.064766202	(Note 1)
7440-43-9	**Cadmium**	0.054011154	0.064766202	(Note 1)
7440-47-3	**Chromium**	0.054011154	0.064766202	(Note 1)
7440-48-4	**Cobalt**	0	0	(Note 1)
7440-50-8	**Copper**	0.108022308	0.129532404	(Note 1)
7440-66-6	**Zinc**	0.072014872	0.086354936	(Note 1)
7782-49-2	**Selenium**	0.27005577	0.32383101	(Note 1)
10024-97-2	**Nitrous Oxide**	14.45554	17.33402	(Note 2)
	Polycyclic Organic Matter	0.4336662	0.5200206	(Note 3)
50-0-0	**Formaldehyde**	6.307872	7.563936	(Note 4)
	16-PAH	0.9001859	1.0794367	(Note 5)
50-32-8	**Benzo(a)pyrene**	0.000107302	0.000128669	(Note 5)
206-44-0	Fluoranthene	0.000343871	0.000412345	(Note 5)
91-20-3	**Naphthalene**	0.9001859	1.0794367	(Note 5)
129-00-0	**Pyrene**	0.000322267	0.000386438	(Note 5)
	Total	**23.15948346**	**27.77114861**	

Speciation Summary
Year 2005

CAS Number	Speciated Air Pollutant (Bold type indicates NH Regulated Toxic Air Pollutant)	EU03 Emergency Generator 1A Emissions (lbs.)	EU04 Emergency Generator 1B Emissions (lbs.)	Reference
71-43-2	**Benzene**	2.65158972	2.04366002	(Note 6)
108-88-3	**Toluene**	0.9603594	0.7401779	(Note 6)
1330-20-7	**Xylenes**	0.65853216	0.50755056	(Note 6)
115-07-1	Propylene	9.53374968	7.34794788	(Note 6)
50-0-0	**Formaldehyde**	0.26939952	0.20763432	(Note 6)
75-07-0	**Acetaldehyde**	0.0873054	0.0672889	(Note 6)
107-02-8	**Acrolein**	0.02743884	0.02114794	(Note 6)
	PAH (Total) -	0.7233876	0.5575366	(Note 7)
91-20-3	**Naphthalene**	0.444259764	0.342404374	(Note 7)
208-96-8	Acenaphthylene	0.031542194	0.024310518	(Note 7)
83-32-9	Acenaphthene	0.01598936	0.012323481	(Note 7)
86-73-7	Fluorene	0.0437425	0.033713661	(Note 7)
85-01-8	**Phenanthrene**	0.139429218	0.107462296	(Note 7)
120-12-7	Anthracene	0.004203131	0.00323948	(Note 7)
206-44-0	Fluoranthene	0.013771803	0.010614343	(Note 7)
129-00-0	**Pyrene**	0.012679239	0.009772271	(Note 7)
56-55-3	**Benz(a)anthracene**	0.002125263	0.001638004	(Note 7)
218-01-9	**Chrysene**	0.005228346	0.004029644	(Note 7)
205-99-2	**Benzo(b)fluoranthene**	0.003794043	0.002924183	(Note 7)
207-08-9	Benzo(k)fluoranthene	0.000745838	0.000574839	(Note 7)
50-32-8	**Benzo(a)pyrene**	0.000878043	0.000676734	(Note 7)
193-39-5	Indeno(1,2,3-cd)pyrene	0.001414347	0.00109008	(Note 7)
53-73-3	Dibenz(a,h)anthracene	0.001182365	0.000911284	(Note 7)
191-24-2	Benzo(g,h,l)perylene	0.001900763	0.001464975	(Note 7)
	Total	**5.263018956**	**4.056367146**	

Speciation Summary
Year 2005

CAS Number	Speciated Air Pollutant (Bold type indicates NH Regulated Toxic Air Pollutant)	EU05 SEPS Diesel Generator 2A Emissions (lbs.)	EU06 SEPS Diesel Generator 2B Emissions (lbs.)	Reference
71-43-2	**Benzene**	0.1393593	0.1331939	(Note 6)
108-88-3	**Toluene**	0.0504735	0.0482405	(Note 6)
1330-20-7	**Xylenes**	0.0346104	0.0330792	(Note 6)
115-07-1	Propylene	0.5010642	0.4788966	(Note 6)
50-0-0	**Formaldehyde**	0.0141588	0.0135324	(Note 6)
75-07-0	**Acetaldehyde**	0.0045885	0.0043855	(Note 6)
107-02-8	**Acrolein**	0.0014421	0.0013783	(Note 6)
	PAH (Total) -	0.038019	0.036337	(Note 7)
91-20-3	**Naphthalene**	0.02334891	0.02231593	(Note 7)
208-96-8	Acenaphthylene	0.00165776	0.001584419	(Note 7)
83-32-9	Acenaphthene	0.000840351	0.000803173	(Note 7)
86-73-7	Fluorene	0.00229897	0.002197261	(Note 7)
85-01-8	**Phenanthrene**	0.007327966	0.007003769	(Note 7)
120-12-7	Anthracene	0.000220904	0.000211131	(Note 7)
206-44-0	Fluoranthene	0.000723803	0.000691781	(Note 7)
129-00-0	**Pyrene**	0.000666381	0.0006369	(Note 7)
56-55-3	**Benz(a)anthracene**	0.000111697	0.000106756	(Note 7)
218-01-9	**Chrysene**	0.000274786	0.000262629	(Note 7)
205-99-2	**Benzo(b)fluoranthene**	0.000199403	0.000190581	(Note 7)
207-08-9	Benzo(k)fluoranthene	3.91989E-05	3.74647E-05	(Note 7)
50-32-8	**Benzo(a)pyrene**	4.61472E-05	4.41056E-05	(Note 7)
193-39-5	Indeno(1,2,3-cd)pyrene	7.43337E-05	7.10451E-05	(Note 7)
53-73-3	Dibenz(a,h)anthracene	6.21414E-05	5.93922E-05	(Note 7)
191-24-2	Benzo(g,h,l)perylene	9.98982E-05	9.54786E-05	(Note 7)
	Total	**0.27660789**	**0.26437047**	

Speciation Summary
Year 2005

CAS Number	Speciated Air Pollutant (Bold type indicates NH Regulated Toxic Air Pollutant)	EU07 OSB Emergency Generator Emissions (lbs.)	EU08 GOB Emergency Generator Emissions (lbs.)	Reference
	Aldehydes	0.184128	0.023016	(Note 8)
71-43-2	**Benzene**	0.002454163	0.00030677	(Note 9)
108-88-3	**Toluene**	0.001075834	0.000134479	(Note 9)
1330-20-7	**Xylenes**	0.000749664	0.000093708	(Note 9)
115-07-1	Propylene	0.006786432	0.000848304	(Note 9)
106-99-0	**1,3-Butadiene**	0.000102849	1.28561E-05	(Note 9)
50-0-0	**Formaldehyde**	0.003103872	0.000387984	(Note 9)
75-07-0	**Acetaldehyde**	0.002017517	0.00025219	(Note 9)
107-02-8	**Acrolein**	0.000243312	0.000030414	(Note 9)
	PAH (Total) -	0.000441907	5.52384E-05	(Note 9)
91-20-3	**Naphthalene**	0.000223058	2.78822E-05	(Note 9)
208-96-8	Acenaphthylene	1.33098E-05	1.66373E-06	(Note 9)
83-32-9	Acenaphthene	3.73517E-06	4.66896E-07	(Note 9)
86-73-7	Fluorene	7.68077E-05	9.60096E-06	(Note 9)
85-01-8	**Phenanthrene**	7.73338E-05	9.66672E-06	(Note 9)
120-12-7	Anthracene	4.91885E-06	6.14856E-07	(Note 9)
206-44-0	Fluoranthene	2.00173E-05	2.50217E-06	(Note 9)
129-00-0	**Pyrene**	1.25733E-05	1.57166E-06	(Note 9)
56-55-3	**Benz(a)anthracene**	4.41907E-06	5.52384E-07	(Note 9)
218-01-9	**Chrysene**	9.28531E-07	1.16066E-07	(Note 9)
205-99-2	**Benzo(b)fluoranthene**	2.60659E-07	3.25824E-08	(Note 9)
207-08-9	Benzo(k)fluoranthene	4.07712E-07	5.0964E-08	(Note 9)
50-32-8	**Benzo(a)pyrene**	4.94515E-07	6.18144E-08	(Note 9)
193-39-5	Indeno(1,2,3-cd)pyrene	9.864E-07	1.233E-07	(Note 9)
53-73-3	Dibenz(a,h)anthracene	1.53352E-06	1.9169E-07	(Note 9)
191-24-2	Benzo(g,h,l)perylene	1.28627E-06	0	(Note 9)
	Total	**0.010066278**	**0.001258285**	

Speciation Summary
Year 2005

CAS Number	Speciated Air Pollutant (**Bold** type indicates NH Regulated Toxic Air Pollutant)	EU09 Sullair Air Compressor Emissions (lbs.)		Reference
	Aldehydes	5.470136		(Note 8)
71-43-2	**Benzene**	0.072909098		(Note 9)
108-88-3	**Toluene**	0.031961223		(Note 9)
1330-20-7	**Xylenes**	0.022271268		(Note 9)
115-07-1	Propylene	0.201613584		(Note 9)
106-99-0	**1,3-Butadiene**	0.003055462		(Note 9)
50-0-0	**Formaldehyde**	0.092210864		(Note 9)
75-07-0	**Acetaldehyde**	0.059937062		(Note 9)
107-02-8	**Acrolein**	0.007228394		(Note 9)
	PAH (Total) -	0.013128326		(Note 9)
91-20-3	**Naphthalene**	0.006626679		(Note 9)
208-96-8	Acenaphthylene	0.000395413		(Note 9)
83-32-9	Acenaphthene	0.000110966		(Note 9)
86-73-7	Fluorene	0.002281828		(Note 9)
85-01-8	**Phenanthrene**	0.002297457		(Note 9)
120-12-7	Anthracene	0.000146131		(Note 9)
206-44-0	Fluoranthene	0.000594682		(Note 9)
129-00-0	**Pyrene**	0.000373532		(Note 9)
56-55-3	**Benz(a)anthracene**	0.000131283		(Note 9)
218-01-9	**Chrysene**	2.75851E-05		(Note 9)
205-99-2	**Benzo(b)fluoranthene**	7.74375E-06		(Note 9)
207-08-9	Benzo(k)fluoranthene	1.21124E-05		(Note 9)
50-32-8	**Benzo(a)pyrene**	1.46912E-05		(Note 9)
193-39-5	Indeno(1,2,3-cd)pyrene	2.93043E-05		(Note 9)
53-73-3	Dibenz(a,h)anthracene	4.55584E-05		(Note 9)
191-24-2	Benzo(g,h,l)perylene	3.82128E-05		(Note 9)
	Total	**0.299052343**		

Speciation Summary
Year 2005

Notes:				
1. Based on a diesel fuel heating value of .137 MMBtu/gal. and the following emission factors for trace elements, as presented				
in AP-42 Table 1.3-10, dated 9/98:				
	As	4 lb/10^{12} Btu		
	Be	3 lb/10^{12} Btu		
	Cd	3 lb/10^{12} Btu		
	Cr	3 lb/10^{12} Btu		
	Cu	6 lb/10^{12} Btu		
	Pb	9 lb/10^{12} Btu		
	Mn	6 lb/10^{12} Btu		
	Hg	3 lb/10^{12} Btu		
	Ni	3 lb/10^{12} Btu		
	Co	ND		
	Sb	ND		
	Se	15 lb/10^{12} Btu		
	Zn	4 lb/10^{12} Btu		
2. Based on emission factor for N_2O of .11 lb/10^3 gal for distillate fuel combustion in industrial boilers as specified in Table 1.3-8				
of AP-42, dated 9/98.				
3. Based on emission factor for POM of .0033 lb/10^3 gal for distillate fuel combustion in industrial boilers as specified in				
Table 1.3-8 of AP-42, dated 9/98.				
4. Based on emission factor for formaldehyde of .048 lb/10^3 gal for distillate fuel combustion in industrial boilers, based on the				
mean range of .035-.061 lb/103 gal specified in Table 1.3-8 of AP-42, dated 9/98.				
5. Based on emission factor of 5.00E-05 lb/MMBtu for distillate fuel combustion in industrial boilers and a diesel fuel heating				
value of .137 MMBtu/gal. The 16-PAH factor includes:				
	Benzo(a)pyrene	<5.96E-09	lb/MMBtu	
	Fluoranthene	<1.91E-08	lb/MMBtu	
	Naphthalene	<5.00E-05	lb/MMBtu	
	Pyrene	<1.79E-08	lb/MMBtu	
6. Based on a diesel fuel heating value of .137 MMBtu/gal and the following hazardous air pollutant emission factors for				
large diesel engines, as presented in AP-42 Table 3.4-3, dated 10/96:				
	Benzene	7.76E-04 lb/MMBtu		
	Toluene	2.81E-04 lb/MMBtu		
	Xylenes	1.93E-04 lb/MMBtu		
	Propylene	2.79E-03 lb/MMBtu		
	Formaldehyde	7.89E-05 lb/MMBtu		
	Acetaldehyde	2.52E-05 lb/MMBtu		
	Acrolein	7.88E-06 lb/MMBtu		

Notes: (continued)				
7. Based on a diesel fuel heating value of .137 MMBtu/gal. and an emission factor of 2.12E-04 lb/MMBtu for total polycyclic				
aromatic hydrocarbons for large diesel engines, as presented in AP-42 Table 3.4-4 dated 10/96. Emission factors for				
hydrocarbons in this category are:				
	Naphthalene	1.30E-04 lb/MMBtu		
	Acenaphthylene	9.23E-06 lb/MMBtu		
	Acenaphthene	4.68E-06 lb/MMBtu		
	Fluorene	1.28E-05 lb/MMBtu		
	Phenanthrene	4.08E-05 lb/MMBtu		
	Anthracene	1.23E-06 lb/MMBtu		
	Fluoranthene	4.03E-06 lb/MMBtu		
	Pyrene	3.71E-06 lb/MMBtu		
	Benz(a)anthracene	6.22E-07 lb/MMBtu		
	Chrysene	1.53E-06 lb/MMBtu		
	Benzo(b)fluoranthene	1.11E-06 lb/MMBtu		
	Benzo(k)fluoranthene	<2.18E-07 lb/MMBtu		
	Benzo(a)pyrene	<2.57E-07 lb/MMBtu		
	Indeno(1,2,3-cd)pyrene	<4.14E-07 lb/MMBtu		
	Dibenz(a,h)anthracene	<3.46E-07 lb/MMBtu		
	Benzo(g,h,l)perylene	<5.56E-07 lb/MMBtu		
8. Based on a diesel fuel heating value of .137 MMBtu/gal. and an emission factor of .07 lb/MMBtu for aldehydes for				
uncontrolled diesel industrial engines, as presented in AP-42 Table 3.3-1, dated 10/96.				
9. Based on a diesel fuel heating value of .137 MMBtu/gal and emission factors for speciated organic compounds from				
uncontrolled diesel engines as presented in AP-42 Table 3.3-2, dated 10/96.				
10. Summation of Speciated Air Pollutants from all sources (tons) =		0.03		

eastern analytical

professional laboratory services

Fred Haniffy
FPL Energy Seabrook, LLC
Route 1, P.O. Box 300
Seabrook, NH 03874

Annual Used Oil samples

Subject: Laboratory Report

Eastern Analytical, Inc. ID: 52605
Client Identification: Seabrook Station | Used Oil
Date Received: 1/16/2006

Dear Mr. Haniffy:

Enclosed please find the laboratory report for the above identified project. All analyses were performed in accordance with our QA/QC Program. Unless otherwise stated, holding times, preservation techniques, container types, and sample conditions adhered to EPA Protocol. Samples which were collected by Eastern Analytical, Inc. (EAI) were collected in accordance with approved EPA procedures. Eastern Analytical, Inc. certifies that the enclosed test results meet all requirements of NELAP and other applicable state certifications. Please refer to our website at www.eailabs.com for a copy of our NELAP certificate and accredited parameters.

The following standard abbreviations and conventions apply to all EAI reports:

Solid samples are reported on a dry weight basis, unless otherwise noted
< : "less than" followed by the reporting limit
TNR: Testing Not Requested
ND: None Detected, no established detection limit
RL: Reporting Limits
%R: % Recovery

Eastern Analytical Inc. maintains certification in the following states: Connecticut (PH-0492), Maine (NH005), Massachusetts (M-NH005), New Hampshire/NELAP (1012), Rhode Island (269) and Vermont (VT1012).

This report package contains the following information: Sample Conditions summary, Analytical Results/Data and copies of the Chain of Custody.

If you have any questions regarding the results contained within, please feel free to directly contact me or the chemist(s) who performed the testing in question. Unless otherwise requested, we will dispose of the sample(s) 30 days from the sample receipt date.

We appreciate this opportunity to be of service and look forward to your continued patronage.

Sincerely,

Lorraine Olashaw, Lab Director — 1·31·06 Date — 9 # of pages (excluding cover letter)

SAMPLE CONDITIONS PAGE

Eastern Analytical, Inc. ID#: 52605

Client: **FPL Energy Seabrook, LLC** Client Designation: **Seabrook Station | Used Oil**

Temperature upon receipt (°C): 5.9 **Received on ice or cold packs (Yes/No): Y**

Lab ID	SampleID	Date Received	Date Sampled	Sample Matrix	% Dry Weight	Exceptions/Comments (other than thermal preservation)
52605.01	HW Oil 1	1/16/06	1/11/06	oil		Adheres to Sample Acceptance Policy
52605.02	VMS Oil 1	1/16/06	1/11/06	oil		Adheres to Sample Acceptance Policy
52605.03	VMS Oil 2	1/16/06	1/11/06	oil		Adheres to Sample Acceptance Policy
52605.04	FYRQUEL	1/16/06	1/11/06	oil		Adheres to Sample Acceptance Policy

Samples were properly preserved and the pH measured when applicable unless otherwise noted. Analysis of solids for pH, Flashpoint, Ignitibility, Paint Filter, Corrosivity, Conductivity and Specific Gravity are reported on an "as received" basis.

References include:
1) EPA 600/4-79-020, 1983
2) Standard Methods for Examination of Water and Wastewater : Inorganics, 19th Edition, 1995; Microbiology, 20th Edition, 1998
3) Test Methods for Evaluating Solid Waste SW 846 3rd Edition including updates IVA and IVB
4) Hach Water Analysis Handbook, 2nd edition, 1992

LABORATORY REPORT

Eastern Analytical, Inc. ID#: 52605

Client: **FPL Energy Seabrook, LLC** Client Designation: **Seabrook Station | Used Oil**

Sample ID:	HW Oil 1	VMS Oil 1	VMS Oil 2	FYRQUEL
Lab Sample ID:	52605.01	52605.02	52605.03	52605.04
Matrix:	oil	oil	oil	oil
Date Sampled:	1/11/06	1/11/06	1/11/06	1/11/06
Date Received:	1/16/06	1/16/06	1/16/06	1/16/06
Units:	mg/kg	mg/kg	mg/kg	mg/kg
Date of Extraction/Preparation	1/16/06	1/16/06	1/16/06	1/16/06
Date of Analysis:	1/17/06	1/17/06	1/17/06	1/17/06
Analyst:	MDM	MDM	MDM	MDM
Method:	3580/8082	3580/8082	3580/8082	3580/8082
Dilution Factor:	1	1	1	1
PCB-1016	< 2	< 2	< 2	< 2
PCB-1221	< 2	< 2	< 2	< 2
PCB-1232	< 2	< 2	< 2	< 2
PCB-1242	< 2	< 2	< 2	< 2
PCB-1248	< 2	< 2	< 2	< 2
PCB-1254	< 2	< 2	< 2	< 2
PCB-1260	< 2	< 2	< 2	< 2

LABORATORY REPORT

Eastern Analytical, Inc. ID#: 52605

Client: **FPL Energy Seabrook, LLC** Client Designation: **Seabrook Station | Used Oil**

Sample ID:	HW Oil 1	VMS Oil 1	VMS Oil 2	FYRQUEL				
Lab Sample ID:	52605.01	52605.02	52605.03	52605.04				
Matrix:	oil	oil	oil	oil				
Date Sampled:	1/11/06	1/11/06	1/11/06	1/11/06				
Date Received:	1/16/06	1/16/06	1/16/06	1/16/06	**Units**	**Date of Analysis**	**Method**	**Analyst**
Flashpoint	**> 200**	**153**	**> 200**	**> 200**	°F	1/25/06	1010	KJP

LABORATORY REPORT

Eastern Analytical, Inc. ID#: 52605

Client: **FPL Energy Seabrook, LLC** Client Designation: **Seabrook Station | Used Oil**

Sample ID:	HW Oil 1	VMS Oil 1	VMS Oil 2	FYRQUEL					
Lab Sample ID:	52605.01	52605.02	52605.03	52605.04					
Matrix:	oil	oil	oil	oil					
Date Sampled:	1/11/06	1/11/06	1/11/06	1/11/06	**Analytical Matrix**	**Units**	**Date of Analysis**	**Method**	**Analyst**
Date Received:	1/16/06	1/16/06	1/16/06	1/16/06					
Arsenic	< 1	< 1	< 1	< 1	Oil	mg/kg	1/19/06	6020	DS
Cadmium	< 1	< 1	< 1	< 1	Oil	mg/kg	1/19/06	6020	DS
Chromium	< 1	< 1	< 1	< 1	Oil	mg/kg	1/19/06	6020	DS
Lead	2	< 1	1	< 1	Oil	mg/kg	1/19/06	6020	DS

ChemServe
ENVIRONMENTAL ANALYSTS

317 Elm Street
Milford NH 03055
Tel (603) 673-5440
Fax (603) 673-0366

January 26, 2006

Front Office
Eastern Analytical
25 Chenell Drive
Concord, NH 03301

Job Name:	**N/A**	**Laboratory #:**	**06010118**
Job #:	**N/A**	**Purchase Order #:**	**N/A**
Location:	**N/A**	**Control #:**	**58160**

Dear Sir,

Enclosed please find the laboratory results for the above reference samples that were received by the ChemServe sample custodian, under chain of custody control number 58160 on 01/17/06. Samples were collected on 01/11/06. Any abnormalities to the samples on receipt would be noted on the enclosed chain of custody document. This report is not valid without a completed ChemServe chain of custody with the corresponding control number, attached.

All samples analyzed by ChemServe are subject to quality standards. These standards are either as stringent or more stringent that those established under 40 CFR Part 136, state certification programs, and corresponding methodologies. ChemServe has written QA/QC Procedures Manual that outlines these standards, and is available, upon request, for your reference. Unless otherwise stated on the Chain of Custody or within the report, all holding times, preservation techniques, container types, and analytical methods are analogous with those outlined by them U.S. EPA.

I certify that I have reviewed the above referenced analytical data and state forms, and I have found this report within compliance with the procedures outlined in the ChemServe QA/QC Procedures Manual.

Ellen Abrams - QA/QC Manager

Jay Chrystal - President/Laboratory Director

This report contains 4 pages.

ACCREDITED IN ACCORDANCE WITH nelac

ChemServe ENVIRONMENTAL ANALYSTS

Eastern Analytical

Project Name: N/A
Project #: 52605
Collection Site: N/A

Group #: 06010118
Chain of Custody ID: 58160
Date Sampled: 01/11/06

METHOD #	ANALYTE	RESULTS	UNIT OF MEASURE	DATE COMPLETED	DETECTION LIMIT (PQL)	ANALYST
Sample#: 06010118-01				**Matrix: Oil**		
Eastern Analytical ID: HW Oil 1						
Bomb Preparation for IC		N/A	N/A	1/24/2006	N/A	TD
SW 5050/9056-Cl	% Halogens (as Cl-)	<0.010	%	1/25/2006	0.010 %	PF
SW 5050/9056-S	% Sulfur (as S)	0.088	%	1/25/2006	0.010 %	PF
Sample#: 06010118-02				**Matrix: Oil**		
Eastern Analytical ID: VMS Oil 1						
Bomb Preparation for IC		N/A	N/A	1/24/2006	N/A	TD
SW 5050/9056-Cl	% Halogens (as Cl-)	<0.010	%	1/25/2006	0.010 %	PF
SW 5050/9056-S	% Sulfur (as S)	0.043	%	1/25/2006	0.010 %	PF
Sample#: 06010118-03				**Matrix: Oil**		
Eastern Analytical ID: VMS Oil 2						
Bomb Preparation for IC		N/A	N/A	1/24/2006	N/A	TD
SW 5050/9056-Cl	% Halogens (as Cl-)	<0.010	%	1/25/2006	0.010 %	PF
SW 5050/9056-S	% Sulfur (as S)	0.343	%	1/25/2006	0.010 %	PF
Sample#: 06010118-04				**Matrix: Oil**		
Eastern Analytical ID: FYRQUEL						
Bomb Preparation for IC		N/A	N/A	1/24/2006	N/A	TD
SW 5050/9056-Cl	% Halogens (as Cl-)	<0.010	%	1/25/2006	0.010 %	PF
SW 5050/9056-S	% Sulfur (as S)	0.667	%	1/25/2006	0.010 %	PF

CHAIN-OF-CUSTODY RECORD

eastern analytical
professional laboratory services

00003 7

Sample ID	Date Sampled	Matrix	aParameters	Sample Notes
HW Oil 1	1/11/2006 10:00	oil	Total Halogens Oil Subcontract	
HW Oil 1	1/11/2006 10:00	oil	Sulfur Subcontract	
VMS Oil 1	1/11/2006 09:00	oil	Total Halogens Oil Subcontract	
VMS Oil 1	1/11/2006 09:00	oil	Sulfur Subcontract	
VMS Oil 2	1/11/2006 09:30	oil	Total Halogens Oil Subcontract	
VMS Oil 2	1/11/2006 09:30	oil	Sulfur Subcontract	
FYRQUEL	1/11/2006 11:00	oil	Total Halogens Oil Subcontract	
FYRQUEL	1/11/2006 11:00	oil	Sulfur Subcontract	

EAI SRB# **52605** **Project State: NH**

Company ChemServe
Address 317 Elm St
Address Milford, NH 03055
Account #
Phone # 673-5440
Fax Number 673-0366

Results Needed by: Preferred date

Notes about project

06010118 1/31

QC Deliverables

☒ A ☐ A+ ☐ B ☐ B+ ☐ C ☐ DE

Eastern Analytical Inc. PO Number 19206

Report To: Front Office
Invoice To: Front Office

Samples Collected by:

Relinquished by	Date/Time	Received by
	1/17/06 11:22	
	1-17-06 1345	

Relinquished by	Date/Time	Received by

Chain of Custody No. 58160

Multiple COC's Yes No

ChemServe ENVIRONMENTAL ANALYSIS

317 Elm Street Milford, NH 03055
(603) 673-5440/ Fax (603) 673-0366

CHAIN OF CUSTODY

A CUSTOMER INFORMATION

CUSTOMER: Paxton Analytical

ADDRESS:

CITY/STATE/ZIP

TELEPHONE:

REPORT TO:

P O NUMBER:

B PROJECT INFORMATION

JOB NAME:

JOB NUMBER:

LOCATION:

TELEPHONE:

CONTACT:

QUOTE NUMBER:

C SAMPLE INFORMATION

TURNAROUND TIME: (CIRCLE ONE:)

STANDARD RUSH

RUSH T.A.T. _____ (CHECK w/LAB)

AMBER GLASS (AG) / GLASS (G) / PLASTIC (P)

STATION # (D)	SAMPLE IDENTIFICATION & LOCATION (E)	COLLECTED (F) DATE	COLLECTED (G) TIME	SAMPLE TYPE (H) GRAB	SAMPLE TYPE (H) COMP	(I) MATRIX SOLID (S) LIQUID (L) COMBINED (C) HAZARD (H)	(J) # OF CONTAINERS	(K) CONTAINER AND PRESERVATIVE	(L) ANALYSIS
		DATE	TIME						
		DATE	TIME						
		DATE	TIME						
		DATE	TIME						
		DATE	TIME						
		DATE	TIME						
		DATE	TIME						
		DATE	TIME						

(M) CUSTODY

SAMPLER: _____ (print name)

SIGNATURE:

	DATE	MILITARY TIME
RELINQUISHED:	DATE	TIME
RECEIVED:	DATE	TIME
RELINQUISHED:	DATE	TIME
RECEIVED FOR LAB:	DATE	TIME

SAMPLE CHECK LIST:

RECEIVED WITHIN HOLD TIME YES OR NO

RECEIVED IN GOOD CONDITION YES OR NO

TEMP BLANK _____ °C

SHIPPED OR HAND DELIVERED

SAMPLES WERE PROPERLY PRESERVED YES NO N/A

SAMPLES WERE FILTERED IN FIELD LAB N/A

IF NO EXPLAIN:

GROUP #

FIELD READING(S):

Page _____ of _____

CHAIN-OF-CUSTODY RECORD

REQUESTED ANALYSIS

For Lab 52605

Item # (For Lab Use Only)	Sample I.D.	Sampling Date/Time	Matrix (A-Air, S-Soil, GW-Ground Water, SW-Surface Water, DW-Drinking Water, WW-Waste Water, X Other)	VOC							SVOC					TCLP		Metals		Inorganics												Other			# of Containers	Notes (H2OH Vial #)
				☐524.2 ☐524.2 BTEX	☐524.2 BTEX, MTBE, EDB	☐8260B Full List ☐8260B	☐8021B Aromatics	☐8021B Halos	☐624 ☐601/602 ☐601 ☐602	☐Ethanol ☐Methanol/Ethanol	☐8015B ☐8015D	☐8270C ☐625 ☐8270D	☐8081 ☐8081A ☐8082	☐8270C Ext. 1 ☐8270D Extended	☐8082A ☐8082A	☐8081A ☐8082A	☐8081/8082 ☐608 ☐PCB	☐Oil & Grease 1664 ☐TPH 1664	☐TCLP 1311 ☐8260B ☐Metals	☐TCLP ☐Pest ☐Herb	☐Dissolved Metals (List Below)	☐Total Metals (List Below)	☐TS ☐TSS ☐TDS	☐TTS ☐DSS	☐Alk ☐Cl ☐F ☐NO_2	☐Chl. Cor. ☐Turbidity	☐Fl ☐Nitrate	☐BOD ☐COD	☐Cl, Alk ☐Bicarb. Alk. ☐Carb. Alk.	☐NH3 ☐NH_3, ☐T. Phos.	☐Ortho Phos. ☐Cl, Res. Chlorine	☐BOD ☐Phenols ☐TOC	☐Chem. Oxygen ☐Total Sulfide	☐Reactive Cyanide ☐Reactive Sulfide	☐Alkalinity ☐Conductivity	☐Cl. Container ☐E. Coli	☐Cl. Container ☐Fecal Coliform	☐Cl. Sterp ☐Enterococci	SULFUR/TOTAL HALOGENS				
	HW OIL 1	1/11/06 1000															1				1												1			1	6	
	VMS OIL 1	1/11/06 0900															1				1												1			1	6	
	VMS OIL 2	1/11/06 ~~1000~~ 0930															1				1												1			1	6	
	FYRQUEL	1/11/06 1100															1				1												1			1	6	

PRESERVATIVE: H-HCl; N-HNO_3; S-H_2SO_4; Na-NaOH; M-MEOH

PROJECT MANAGER Fred Haniffy
COMPANY FPL Energy Seabrook
ADDRESS PO Box 300
CITY Seabrook STATE NH ZIP 03874
PHONE 603-773-7769 EXT
FAX 603-773-7755
E-MAIL fred_haniffy@fpl.com
SITE NAME Seabrook Station
PROJECT # Used Oil NH
STATE: ☒NH ☐MA* ☐ME ☐VT ☐OTHER
☐SITE INVESTIGATION ☐SITE REMEDIATION
☐WASTE CHARACTERIZATION/PROFILE ☐SITE HISTORICALLY CONTAMINATED

☐8 RCRA METALS ☐Fe, Mn ☐13 PP METALS
OTHER METALS Oil/Metals by ICP. As., Cd., Cr., Pb
DISSOLVED METALS FIELD FILTERED? ☐YES ☐NO
NOTES: (IE: SPECIAL DETECTION LIMITS, BILLING INFO. IF DIFFERENT)

RESULTS NEEDED BY (ENTER PREFERRED DATE) _____
(GUARANTEED RAPID TURNAROUND NEEDS PRE-APPROVAL)
QA/QC REPORTING LEVEL ☐A ☐B ☐C ☐MA DATA ENHANCEMENT PACKAGE*
REPORTING OPTIONS ☒HARD COPY ☒FAX ELECTRONIC ☒E-MAIL ☐DISK

FOR LAB USE ONLY
ADHERED TO EPA PROTOCOL ☐YES ☐NO (SEE ATTACHED)
TEMP. 5.9 °C
ICE? ☒YES ☐NO
CONTAINER SEAL INTACT? ☐YES ☐NO

QUOTE #
P.O. # 02184136
SAMPLER(S) Tom Souther

RELINQUISHED BY	DATE	TIME	RECEIVED BY
Tom Souther	1-16-06	11:06	Terry Cramm
Terry Cramm	1-16-06	1326	[illegible]

eastern analytical, inc.
professional laboratory services
25 CHENELL DRIVE | CONCORD, NH 03301 | TEL: 603.228.0525 | 1.800.287.0525 | FAX: 603.228.4591 | E-MAIL: CUSTOMER_SERVICE@EAILABS.COM | WWW.EAILABS.COM

(WHITE: ORIGINAL GREEN: PROJECT MANAGER)

FPL Energy
Seabrook Station

FPL Energy Seabrook Station
P.O. Box 300
Seabrook, NH 03874
(603) 773-7000

April 13, 2006

SBK-L-06075

Title V Operating Permit
TV-OP-017

State of New Hampshire
Department of Environmental Services
Air Resources Division
29 Hazen Drive, P.O. Box 95
Concord, NH 03302-0095
ATTN: Emissions Inventory

Seabrook Station
2005 Emissions Inventory Report and Emissions-Based Fee Payment

FPL Energy Seabrook, LLC (FPL Energy Seabrook) has provided herein emissions data for 2005 for ten significant emission sources (EU01 – EU10) addressed in the facility Title V Operating Permit, TV-OP-017. Data is also provided for three sources addressed in Temporary Permits TP-B-0498 and TP-B-0507.

- Emissions data is provided on Air Resources Division Emissions Inventory Form INV-E1 for nine significant emissions sources (EU01 – EU09) and three sources addressed in Temporary Permits TP-B-0498 and TP-B-0507.

- NOx and SO2 emission data is provided on Emissions Inventory Form INV-A, per the requirements of Env-A 909.03, for nine significant emission sources (EU01 – EU09) and three sources addressed in Temporary Permits TP-B-0498 and TP-B-0507.

- VOC emissions from the 7,000 gallon gasoline storage tank (EU10) are provided on Emissions Inventory Form INV-E2.

- Speciation Summary data for individual regulated air pollutants per the requirements of Env-A 907.01(b)(4) is provided for nine significant emissions sources (EU01 – EU09) and three sources addressed in Temporary Permits TP-B-0498 and TP-B-0507.

Additionally, FPL Energy Seabrook has estimated emissions from insignificant activities[1] at Seabrook Station during 2005 to be 1.6 tons. This category includes miscellaneous propane usage, three used oil space heaters and a heating boiler for fire protection water. The total estimated emissions from these sources (1.6 tons) is the median value for the five year period 1998 to 2002. During the five-year period from which the estimate is derived, fuel usage for each of the devices was monitored and emissions were calculated and reported in the annual emissions inventory reports. Per discussions with Mr. Sonny Strickland of NHDES and Mr. Allen Legendre of FPL Energy Seabrook on April 7, 2004, Mr. Strickland indicated that an estimate of insignificant emissions was acceptable in lieu of detailed reporting for this category.

Additionally, FPL Energy Seabrook has enclosed the emission-based fee for calendar year 2005. This fee is remitted per Env-A 700 and the facility Title V Operating Permit (TV-OP-017).

The enclosed check in the amount of $ 3,905.94 is based on the estimated emissions of 44.21 tons during reporting year 2005 at the rate of $ 88.61 per ton.

Should you require additional information, please contact Mr. Allen Legendre, Principal Engineer, at (603) 773-7773.

Very truly yours,

FPL ENERGY SEABROOK, LLC

James M. Peschel
Regulatory Programs Manager

[1] FPL Energy Seabrook letter SBK-L-05090, "Seabrook Station 2004 Emissions Inventory Report," dated April 11, 2005, informed the State of New Hampshire Department of Environmental Services - Air Resources Division that FPL Energy Seabrook will no longer report SF6 (sulfur hexafluoride) emissions in the future due to the transfer of ownership of the electrical switchyard during 2004 from FPL Energy Seabrook, LLC to FPL New England Division (NED).

CERTIFICATION OF ACCURACY STATEMENT

"I am authorized to make this submission on behalf of the facility for which the submission is made. Based on information and belief formed after reasonable inquiry, I certify that the statements and information in the enclosed documents are to the best of my knowledge and belief true, accurate and complete. I am aware that there are significant penalties for submitting false statements and information or omitting required statements and information, including the possibility of imprisonment."

FPL ENERGY SEABROOK, LLC

James M. Peschel
Regulatory Programs Manager

ENCLOSURE TO SBK-L-06075

Reporting Year 2005

EMISSIONS INVENTORY FORM INV-E1

Source name:	Physical Address: SEABROOK STATION	Mailing Address:
FPL ENERGY SEABROOK, LLC	626 LAFAYETTE ROAD	SEABROOK STATION, P. O. BOX 300
	SEABROOK, NH 03874	SEABROOK, NH 03874

Device name: Auxiliary Boiler #1 (EU01) | Permit Number if applicable: TV-OP-017

SIC Code (Standard Industrial Classification): 4911 | SCC Code (Source Classification Codes): 1-01-005-01

Pollutant		Fuel used				Emission Factor(EMF)			Quantity emitted	
		SCC Code	Quantity	(units)		EMF	(units)	Source	(lbs/yr)	(tons/yr)
Total Suspended Particulates TSP	Prim.	1-01-005-01	130,569	gallons		2.00	lb/kgal	AP-42 Table 1.3-6[1]	261.14	0.13
	Sec.							dated 9/98.		
	Tert.									
	Quat.									
Sulfur Dioxide SO2	Prim.	1-01-005-01	130,569	gallons		56.8	lb/kgal	AP-42 Table 1.3-1	7416.32	3.71
(If you completed Form Inv-A, you may	Sec.							dated 9/98.(Errata)		
complete the last column only)	Tert.									
	Quat.									
Nitrogen Oxides NOx	Prim.	1-01-005-01	130,569	gallons		24.0	lb/kgal	AP-42 Table 1.3-1	3133.66	1.57
(If you completed Form Inv-A you may	Sec.							dated 9/98.		
complete the last column only)	Tert.									
	Quat.									
Carbon Monoxide CO	Prim.	1-01-005-01	130,569	gallons		5.00	lb/kgal	AP-42 Table 1.3-1	652.85	0.33
	Sec.							dated 9/98.		
	Tert.									
	Quat.									
Non-Methane VOC	Prim.	1-01-005-01	130,569	gallons		0.2	lb/kgal	AP-42 Table 1.3-3[2]	26.11	0.01
Volatile Organic Compounds	Sec.							dated 9/98.		
	Tert.									
	Quat.									

Comments: Note 1: Based on an emission factor for TSP, total suspended particulates for uncontrolled industrial boilers firing distillate oil.

Note 2: Based on an emission factor for non-methane total organic compounds.

Certification: These records are true and accurate to the best of my knowledge: [signature] REGULATORY PROGRAMS MANAGER 4/10/06

Emission quantity reporting form Signature Title Date

Reporting Year 2005

EMISSIONS INVENTORY FORM INV-A

Source name:	Physical Address:	Mailing Address:
FPL ENERGY SEABROOK, LLC	SEABROOK STATION 626 LAFAYETTE ROAD SEABROOK, NH 03874	SEABROOK STATION, P. O. BOX 300 SEABROOK, NH 03874

Device name: Auxiliary Boiler #1

Permit Number if applicable: TV-OP-017

Ozone Season Operating Schedule (May 1 thru September 30)

Days/week: 7 Weeks/Season: 12 Days/Season: 92

Month	Fuel used	Fuel type	Wt % Sulfur	Actual Fuel Used	Units	MMBTUs	Emission Factor Units lb/kgal SO2	Emission Factor Units lb/kgal NOx	SO2 (lbs)	NOx (lbs)	Ozone Daily NOx Emissions (lbs/day)
Jan.	Primary	No. 2 Diesel	< 0.4	0	gallons	226.5	56.8	24	0.00	0.00	
	Secondary										
Feb.	Primary	No. 2 Diesel	< 0.4	848	gallons	226.5	56.8	24	48.17	20.35	
	Secondary										
Mar.	Primary	No. 2 Diesel	< 0.4	21,354	gallons	226.5	56.8	24	1212.91	512.50	
	Secondary										
Apr.	Primary	No. 2 Diesel	< 0.4	30,592	gallons	226.5	56.8	24	1737.63	734.21	
	Secondary										
May	Primary	No. 2 Diesel	< 0.4	20,129	gallons	226.5	56.8	24	1143.33	483.10	15.58
	Secondary										
June	Primary	No. 2 Diesel	< 0.4	5,293	gallons	226.5	56.8	24	300.64	127.03	4.23
	Secondary										
July	Primary	No. 2 Diesel	< 0.4	0	gallons	226.5	56.8	24	0.00	0.00	0.00
	Secondary										
Aug.	Primary	No. 2 Diesel	< 0.4	0	gallons	226.5	56.8	24	0.00	0.00	0.00
	Secondary										
Sep.	Primary	No. 2 Diesel	< 0.4	47,905	gallons	226.5	56.8	24	2721.00	1149.72	38.32
	Secondary										
Oct.	Primary	No. 2 Diesel	< 0.4	400	gallons	226.5	56.8	24	22.72	9.60	
	Secondary										
Nov.	Primary	No. 2 Diesel	< 0.4	2,088	gallons	226.5	56.8	24	118.60	50.11	
	Secondary										
Dec.	Primary	No. 2 Diesel	< 0.4	1,960	gallons	226.5	56.8	24	111.33	47.04	
	Secondary										
Year (total)	Primary	No. 2 Diesel	< 0.4	130,569	gallons	226.5	56.8	24	7416.32	3133.66	
	Secondary										
	Tertiary										
						Tons SO2 and NOx:			3.71	1.57	

Comments:

Certification: These records are true and accurate to the best of my knowledge: Signature 4/10/06 Date

Monthly fuel use reporting form

Reporting Year 2005

EMISSIONS INVENTORY FORM INV-E1

Source name:	Physical Address: SEABROOK STATION	Mailing Address:
FPL ENERGY SEABROOK, LLC	626 LAFAYETTE ROAD	SEABROOK STATION, P. O. BOX 300
	SEABROOK, NH 03874	SEABROOK, NH 03874

Device name: *Auxiliary Boiler #2 (EU02)* | *Permit Number if applicable:* *TV-OP-017*

SIC Code (Standard Industrial Classification): 4911 | SCC Code (Source Classification Codes): 1-01-005-01

Pollutant		Fuel used			Emission Factor(EMF)			Quantity emitted	
		SCC Code	Quantity	(units)	EMF	(units)	Source	(lbs/yr)	(tons/yr)
Total Suspended Particulates TSP	Prim.	1-01-005-01	199,367	gallons	2.00	lb/kgal	AP-42 Table 1.3-6[1]	398.73	0.20
	Sec.						dated 9/98.		
	Tert.								
	Quat.								
Sulfur Dioxide SO2	Prim.	1-01-005-01	199,367	gallons	56.8	lb/kgal	AP-42 Table 1.3-1	11324.05	5.66
(If you completed Form Inv-A, you may	Sec.						dated 9/98.(Errata)		
complete the last column only)	Tert.								
	Quat.								
Nitrogen Oxides NOx	Prim.	1-01-005-01	199,367	gallons	24.0	lb/kgal	AP-42 Table 1.3-1	4784.81	2.39
(If you completed Form Inv-A you may	Sec.						dated 9/98.		
complete the last column only)	Tert.								
	Quat.								
Carbon Monoxide CO	Prim.	1-01-005-01	199,367	gallons	5.00	lb/kgal	AP-42 Table 1.3-1	996.84	0.50
	Sec.						dated 9/98.		
	Tert.								
	Quat.								
Non-Methane VOC	Prim.	1-01-005-01	199,367	gallons	0.2	lb/kgal	AP-42 Table 1.3-3[2]	39.87	0.02
Volatile Organic Compounds	Sec.						dated 9/98.		
	Tert.								
	Quat.								

Comments: Note 1: Based on an emission factor for TSP, total suspended particulates for uncontrolled industrial boilers firing distillate oil.

Note 2: Based on an emission factor for non-methane total organic compounds.

Certification: These records are true and accurate to the best of my knowledge: [signature] Regulatory Programs Mgr 4/10/06

Emission quantity reporting form Signature Title Date

Reporting Year 2005

EMISSIONS INVENTORY FORM INV-A

Source name:	Physical Address:	Mailing Address:
FPL ENERGY SEABROOK, LLC	SEABROOK STATION 626 LAFAYETTE ROAD SEABROOK, NH 03874	SEABROOK STATION, P. O. BOX 300 SEABROOK, NH 03874

Device name: Auxiliary Boiler #2 | Permit Number if applicable: TV-OP-017

Ozone Season Operating Schedule (May 1 thru September 30)

Days/week: 7 Weeks/Season: 12 Days/Season: 92

Month	Fuel used	Fuel type	Wt % Sulfur	Actual Fuel Used	Units	MMBTUs	Emission Factor Units lb/kgal SO2	Emission Factor Units lb/kgal NOx	SO2 (lbs)	NOx (lbs)	Ozone Daily NOx Emissions (lbs/day)
Jan.	Primary	No. 2 Diesel	< 0.4	2,400	gallons	226.5	56.8	24	136.32	57.60	
	Secondary										
Feb.	Primary	No. 2 Diesel	< 0.4	12,007	gallons	226.5	56.8	24	682.00	288.17	
	Secondary										
Mar.	Primary	No. 2 Diesel	< 0.4	8,946	gallons	226.5	56.8	24	508.13	214.70	
	Secondary										
Apr.	Primary	No. 2 Diesel	< 0.4	99,566	gallons	226.5	56.8	24	5655.35	2389.58	
	Secondary										
May	Primary	No. 2 Diesel	< 0.4	15,770	gallons	226.5	56.8	24	895.74	378.48	12.21
	Secondary										
June	Primary	No. 2 Diesel	< 0.4	1,612	gallons	226.5	56.8	24	91.56	38.69	1.29
	Secondary										
July	Primary	No. 2 Diesel	< 0.4	0	gallons	226.5	56.8	24	0.00	0.00	0.00
	Secondary										
Aug.	Primary	No. 2 Diesel	< 0.4	0	gallons	226.5	56.8	24	0.00	0.00	0.00
	Secondary										
Sep.	Primary	No. 2 Diesel	< 0.4	29,679	gallons	226.5	56.8	24	1685.77	712.30	23.74
	Secondary										
Oct.	Primary	No. 2 Diesel	< 0.4	8,883	gallons	226.5	56.8	24	504.55	213.19	
	Secondary										
Nov.	Primary	No. 2 Diesel	< 0.4	20,504	gallons	226.5	56.8	24	1164.63	492.10	
	Secondary										
Dec.	Primary	No. 2 Diesel	< 0.4	0	gallons	226.5	56.8	24	0.00	0.00	
	Secondary										
Year (total)	Primary	No. 2 Diesel	< 0.4	199,367	gallons	226.5	56.8	24	11324.05	4784.81	
	Secondary										
	Tertiary										
						Tons SO2 and NOx:			5.66	2.39	

Comments:

Certification: These records are true and accurate to the best of my knowledge: Signature 4/10/06 Date

Monthly fuel use reporting form

Reporting Year 2005

EMISSIONS INVENTORY FORM INV-E1

Source name:	Physical Address: SEABROOK STATION	Mailing Address:
FPL ENERGY SEABROOK, LLC	626 LAFAYETTE ROAD	SEABROOK STATION, P. O. BOX 300
	SEABROOK, NH 03874	SEABROOK, NH 03874

Device name: Emergency Diesel Generator 1A (EU03) | Permit Number if applicable: TV-OP-017

SIC Code (Standard Industrial Classification): 4911 | SCC Code (Source Classification Codes): 2-02-004-01

Pollutant		Fuel used			Emission Factor(EMF)			Quantity emitted	
		SCC Code	Quantity	(units)	EMF	(units)	Source	(lbs/yr)	(tons/yr)
Total Suspended Particulates TSP	Prim.	2-02-004-01	27,913	gallons	8.494	lb/kgal	AP-42 Table 3.4-2[1]	237.09	0.12
	Sec.						dated 10/96.		
	Tert.								
	Quat.								
Sulfur Dioxide SO2	Prim.	2-02-004-01	27,913	gallons	6.918	lb/kgal	AP-42 Table 3.4-1	193.10	0.10
(If you completed Form Inv-A, you may	Sec.						dated 10/96.		
complete the last column only)	Tert.								
	Quat.								
Nitrogen Oxides NOx	Prim.	2-02-004-01	27,913	gallons	438.4	lb/kgal	AP-42 Table 3.4-1	12237.06	6.12
(If you completed Form Inv-A you may	Sec.						dated 10/96.		
complete the last column only)	Tert.								
	Quat.								
Carbon Monoxide CO	Prim.	2-02-004-01	27,913	gallons	116.45	lb/kgal	AP-42 Table 3.4-1	3250.47	1.63
	Sec.						dated 10/96.		
	Tert.								
	Quat.								
Non-Methane VOC	Prim.	2-02-004-01	27,913	gallons	11.22	lb/kgal	AP-42 Table 3.4-1[2]	313.18	0.16
Volatile Organic Compounds	Sec.						dated 10/96.		
	Tert.								
	Quat.								

Comments: Note 1: Based on an emission factor for total filterable particulates of .0620 lb/MMBtu for large stationary diesel engines.

Note 2: Based on an emission factor for non-methane total organic compounds.

Certification: These records are true and accurate to the best of my knowledge: [signature] Regulatory Programs Manager 4/10/06

Emission quantity reporting form Signature Title Date

Reporting Year 2005

EMISSIONS INVENTORY FORM INV-A

Source name:	Physical Address:	Mailing Address:
FPL ENERGY SEABROOK, LLC	SEABROOK STATION 626 LAFAYETTE ROAD SEABROOK, NH 03874	SEABROOK STATION, P. O. BOX 300 SEABROOK, NH 03874

Device name: Emergency Diesel Generator 1A

Permit Number if applicable: TV-OP-017

Ozone Season Operating Schedule (May 1 thru September 30)

Days/week: N/A Weeks/Season: N/A Days/Season: 13

Month	Fuel used	Fuel type	Wt % Sulfur	Actual Fuel Used	Units	MMBTUs	Emission Factor Units SO2	Emission Factor Units lb/kgal NOx	SO2 (lbs)	NOx (lbs)	Ozone Daily NOx Emissions (lbs/day)
Jan.	Primary	On-road diesel	< 0.05	2,605	gallons	226.5	6.918	438.4	18.02	1142.03	
	Secondary										
Feb.	Primary	On-road diesel	< 0.05	4,181	gallons	226.5	6.918	438.4	28.92	1832.95	
	Secondary										
Mar.	Primary	On-road diesel	< 0.05	8,149	gallons	226.5	6.918	438.4	56.37	3572.52	
	Secondary										
Apr.	Primary	On-road diesel	< 0.05	2,505	gallons	226.5	6.918	438.4	17.33	1098.19	
	Secondary										
May	Primary	On-road diesel	< 0.05	655	gallons	226.5	6.918	438.4	4.53	287.15	9.26
	Secondary										
June	Primary	On-road diesel	< 0.05	883	gallons	226.5	6.918	438.4	6.11	387.11	12.90
	Secondary										
July	Primary	On-road diesel	< 0.05	1,629	gallons	226.5	6.918	438.4	11.27	714.15	23.04
	Secondary										
Aug.	Primary	On-road diesel	< 0.05	1,566	gallons	226.5	6.918	438.4	10.83	686.53	22.15
	Secondary										
Sep.	Primary	On-road diesel	< 0.05	109	gallons	226.5	6.918	438.4	0.75	47.79	1.59
	Secondary										
Oct.	Primary	On-road diesel	< 0.05	3,822	gallons	226.5	6.918	438.4	26.44	1675.56	
	Secondary										
Nov.	Primary	On-road diesel	< 0.05	889	gallons	226.5	6.918	438.4	6.15	389.74	
	Secondary										
Dec.	Primary	On-road diesel	< 0.05	920	gallons	226.5	6.918	438.4	6.36	403.33	
	Secondary										
Year (total)	Primary	On-road diesel	< 0.05	27,913	gallons	226.5	6.918	438.4	193.10	12237.06	
	Secondary										
	Tertiary										
						Tons SO2 and NOx:			0.10	6.12	

Comments:

Certification: These records are true and accurate to the best of my knowledge: Signature 4/10/06 Date

Monthly fuel use reporting form

Reporting Year 2005

EMISSIONS INVENTORY FORM INV-E1

Source name:	Physical Address: SEABROOK STATION	Mailing Address:
FPL ENERGY SEABROOK, LLC	626 LAFAYETTE ROAD	SEABROOK STATION, P. O. BOX 300
	SEABROOK, NH 03874	SEABROOK, NH 03874

Device name: Emergency Diesel Generator 1B (EU04) | Permit Number if applicable: TV-OP-017

SIC Code (Standard Industrial Classification): 4911 | SCC Code (Source Classification Codes): 2-02-004-01

Pollutant		Fuel used			Emission Factor(EMF)			Quantity emitted	
		SCC Code	Quantity	(units)	EMF	(units)	Source	(lbs/yr)	(tons/yr)
Total Suspended Particulates TSP	Prim.	2-02-004-01	22,854	gallons	8.494	lb/kgal	AP-42 Table 3.4-2[1]	194.12	0.10
	Sec.						dated 10/96.		
	Tert.								
	Quat.								
Sulfur Dioxide SO2	Prim.	2-02-004-01	22,854	gallons	6.918	lb/kgal	AP-42 Table 3.4-1	158.10	0.08
(If you completed Form Inv-A, you may	Sec.						dated 10/96.		
complete the last column only)	Tert.								
	Quat.								
Nitrogen Oxides NOx	Prim.	2-02-004-01	22,854	gallons	438.4	lb/kgal	AP-42 Table 3.4-1	10019.19	5.01
(If you completed Form Inv-A you may	Sec.						dated 10/96.		
complete the last column only)	Tert.								
	Quat.								
Carbon Monoxide CO	Prim.	2-02-004-01	22,854	gallons	116.45	lb/kgal	AP-42 Table 3.4-1	2661.35	1.33
	Sec.						dated 10/96.		
	Tert.								
	Quat.								
Non-Methane VOC	Prim.	2-02-004-01	22,854	gallons	11.22	lb/kgal	AP-42 Table 3.4-1[2]	256.42	0.13
Volatile Organic Compounds	Sec.						dated 10/96.		
	Tert.								
	Quat.								

Comments: Note 1: Based on an emission factor for total filterable particulates of .0620 lb/MMBtu for large stationary diesel engines.

Note 2: Based on an emission factor for non-methane total organic compounds.

Certification: These records are true and accurate to the best of my knowledge: REGULATORY PROGRAMS MANAGER 4/10/06

Emission quantity reporting form Signature Title Date

Reporting Year 2005

EMISSIONS INVENTORY FORM INV-A

Source name:	Physical Address:	Mailing Address:
FPL ENERGY SEABROOK, LLC	SEABROOK STATION 626 LAFAYETTE ROAD SEABROOK, NH 03874	SEABROOK STATION, P. O. BOX 300 SEABROOK, NH 03874

Device name: Emergency Diesel Generator 1B

Permit Number if applicable: TV-OP-017

Ozone Season Operating Schedule (May 1 thru September 30)

Days/week: N/A Weeks/Season: N/A Days/Season: 13

Month	Fuel used	Fuel type	Wt % Sulfur	Actual Fuel Used	Units	MMBTUs	Emission Factor Units SO2	Emission Factor lb/kgal NOx	SO2 (lbs)	NOx (lbs)	Ozone Daily NOx Emissions (lbs/day)
Jan.	Primary	On-road diesel	< 0.05	1,342	gallons	226.5	6.918	438.4	9.28	588.33	
	Secondary										
Feb.	Primary	On-road diesel	< 0.05	1,317	gallons	226.5	6.918	438.4	9.11	577.37	
	Secondary										
Mar.	Primary	On-road diesel	< 0.05	9,304	gallons	226.5	6.918	438.4	64.37	4078.87	
	Secondary										
Apr.	Primary	On-road diesel	< 0.05	1,195	gallons	226.5	6.918	438.4	8.27	523.89	
	Secondary										
May	Primary	On-road diesel	< 0.05	1,273	gallons	226.5	6.918	438.4	8.81	558.08	18.00
	Secondary										
June	Primary	On-road diesel	< 0.05	3,229	gallons	226.5	6.918	438.4	22.34	1415.59	47.19
	Secondary										
July	Primary	On-road diesel	< 0.05	827	gallons	226.5	6.918	438.4	5.72	362.56	11.70
	Secondary										
Aug.	Primary	On-road diesel	< 0.05	1,747	gallons	226.5	6.918	438.4	12.09	765.88	24.71
	Secondary										
Sep.	Primary	On-road diesel	< 0.05	802	gallons	226.5	6.918	438.4	5.55	351.60	11.72
	Secondary										
Oct.	Primary	On-road diesel	< 0.05	708	gallons	226.5	6.918	438.4	4.90	310.39	
	Secondary										
Nov.	Primary	On-road diesel	< 0.05	895	gallons	226.5	6.918	438.4	6.19	392.37	
	Secondary										
Dec.	Primary	On-road diesel	< 0.05	2,215	gallons	226.5	6.918	438.4	15.32	971.06	
	Secondary										
Year (total)	Primary	On-road diesel	< 0.05	22,854	gallons	226.5	6.918	438.4	171.94	10895.99	
	Secondary										
	Tertiary										
						Tons SO2 and NOx:			0.09	5.45	

Comments:

Certification: These records are true and accurate to the best of my knowledge: Signature 4/10/06 Date

Monthly fuel use reporting form

Reporting Year 2005

EMISSIONS INVENTORY FORM INV-E1

Source name:	Physical Address: SEABROOK STATION	Mailing Address:
FPL ENERGY SEABROOK, LLC	626 LAFAYETTE ROAD	SEABROOK STATION, P. O. BOX 300
	SEABROOK, NH 03874	SEABROOK, NH 03874

Device name: GOB Diesel Generator 68-999 (EU05) | Permit Number if applicable: TV-OP-017

SIC Code (Standard Industrial Classification): 4911 | SCC Code (Source Classification Codes): 2-02-001-02

Pollutant		Fuel used			Emission Factor(EMF)			Quantity emitted	
		SCC Code	Quantity	(units)	EMF	(units)	Source	(lbs/yr)	(tons/yr)
Total Suspended Particulates TSP	Prim.	2-02-001-02	293.7	gallons	42.47	lb/kgal	AP-42 Table 3.3-1[1]	12.47	0.01
	Sec.						dated 10/96.		
	Tert.								
	Quat.								
Sulfur Dioxide SO2	Prim.	2-02-001-02	293.7	gallons	39.73	lb/kgal	AP-42 Table 3.3-1	11.67	0.01
(If you completed Form Inv-A, you may	Sec.						dated 10/96.		
complete the last column only)	Tert.								
	Quat.								
Nitrogen Oxides NOx	Prim.	2-02-001-02	293.7	gallons	604	lb/kgal	AP-42 Table 3.3-1	177.39	0.09
(If you completed Form Inv-A you may	Sec.						dated 10/96.		
complete the last column only)	Tert.								
	Quat.								
Carbon Monoxide CO	Prim.	2-02-001-02	293.7	gallons	130.15	lb/kgal	AP-42 Table 3.3-1	38.23	0.02
	Sec.						dated 10/96.		
	Tert.								
	Quat.								
Non-Methane VOC	Prim.	2-02-001-02	293.7	gallons	49.32	lb/kgal	AP-42 Table 3.3-1[2]	14.49	0.01
Volatile Organic Compounds	Sec.						dated 10/96.		
	Tert.								
	Quat.								

Comments: Note 1: Based on cumulative particulate sizes up to and including PM-10.

Note 2: Based on an emission factor for non-methane total organic compounds.

Certification: These records are true and accurate to the best of my knowledge: [signature] Regulatory Programs Manager 4/10/06

Emission quantity reporting form Signature Title Date

Reporting Year 2005

EMISSIONS INVENTORY FORM INV-A

Source name:	Physical Address:	Mailing Address:
FPL ENERGY SEABROOK, LLC	SEABROOK STATION 626 LAFAYETTE ROAD SEABROOK, NH 03874	SEABROOK STATION, P. O. BOX 300 SEABROOK, NH 03874

Device name: GOB Diesel Generator 68-999

Permit Number if applicable: TV-OP-017

Ozone Season Operating Schedule (May 1 thru September 30)

Days/week: N/A Weeks/Season: N/A Days/Season: 12

Month	Fuel used	Fuel type	Wt % Sulfur	Actual Fuel Used	Units	MMBTUs	Emission Factor Units SO2	Emission Factor lb/kgal NOx	SO2 (lbs)	NOx (lbs)	Ozone Daily NOx Emissions (lbs/day)
Jan.	Primary	No. 2 Diesel	< 0.4	18.2	gallons	1.1	39.73	604	0.72	10.99	
	Secondary										
Feb.	Primary	No. 2 Diesel	< 0.4	18.2	gallons	1.1	39.73	604	0.72	10.99	
	Secondary										
Mar.	Primary	No. 2 Diesel	< 0.4	18.2	gallons	1.1	39.73	604	0.72	10.99	
	Secondary										
Apr.	Primary	No. 2 Diesel	< 0.4	62.1	gallons	1.1	39.73	604	2.47	37.51	
	Secondary										
May	Primary	No. 2 Diesel	< 0.4	62.1	gallons	1.1	39.73	604	2.47	37.51	1.21
	Secondary										
June	Primary	No. 2 Diesel	< 0.4	62.1	gallons	1.1	39.73	604	2.47	37.51	1.25
	Secondary										
July	Primary	No. 2 Diesel	< 0.4	13.7	gallons	1.1	39.73	604	0.54	8.27	0.27
	Secondary										
Aug.	Primary	No. 2 Diesel	< 0.4	13.7	gallons	1.1	39.73	604	0.54	8.27	0.27
	Secondary										
Sep.	Primary	No. 2 Diesel	< 0.4	13.7	gallons	1.1	39.73	604	0.54	8.27	0.28
	Secondary										
Oct.	Primary	No. 2 Diesel	< 0.4	3.9	gallons	1.1	39.73	604	0.15	2.34	
	Secondary										
Nov.	Primary	No. 2 Diesel	< 0.4	3.9	gallons	1.1	39.73	604	0.15	2.34	
	Secondary										
Dec.	Primary	No. 2 Diesel	< 0.4	3.9	gallons	1.1	39.73	604	0.15	2.34	
	Secondary										
Year	Primary	No. 2 Diesel	< 0.4	293.7	gallons	1.1	39.73	604	11.67	177.36	
(total)	Secondary										
	Tertiary										
						Tons SO2 and NOx:			0.01	0.09	

Comments:

Certification: These records are true and accurate to the best of my knowledge: Signature 4/10/06 Date

Monthly fuel use reporting form

Reporting Year 2005

EMISSIONS INVENTORY FORM INV-E1

Source name:	Physical Address: SEABROOK STATION	Mailing Address:
FPL ENERGY SEABROOK, LLC	626 LAFAYETTE ROAD	SEABROOK STATION, P. O. BOX 300
	SEABROOK, NH 03874	SEABROOK, NH 03874

Device name: OSB Diesel Generator 68-121 (EU06) | Permit Number if applicable: TV-OP-017

SIC Code (Standard Industrial Classification): 4911 | SCC Code (Source Classification Codes): 2-02-001-02

Pollutant		Fuel used			Emission Factor(EMF)			Quantity emitted	
		SCC Code	Quantity	(units)	EMF	(units)	Source	(lbs/yr)	(tons/yr)
Total Suspended Particulates TSP	Prim.	2-02-001-02	30.6	gallons	42.47	lb/kgal	AP-42 Table 3.3-1[1]	1.30	0.00
	Sec.						dated 10/96.		
	Tert.								
	Quat.								
Sulfur Dioxide SO2	Prim.	2-02-001-02	30.6	gallons	39.73	lb/kgal	AP-42 Table 3.3-1	1.22	0.00
(If you completed Form Inv-A, you may	Sec.						dated 10/96.		
complete the last column only)	Tert.								
	Quat.								
Nitrogen Oxides NOx	Prim.	2-02-001-02	30.6	gallons	604	lb/kgal	AP-42 Table 3.3-1	18.48	0.01
(If you completed Form Inv-A you may	Sec.						dated 10/96.		
complete the last column only)	Tert.								
	Quat.								
Carbon Monoxide CO	Prim.	2-02-001-02	30.6	gallons	130.15	lb/kgal	AP-42 Table 3.3-1	3.98	0.00
	Sec.						dated 10/96.		
	Tert.								
	Quat.								
Non-Methane VOC	Prim.	2-02-001-02	30.6	gallons	49.32	lb/kgal	AP-42 Table 3.3-1[2]	1.51	0.00
Volatile Organic Compounds	Sec.						dated 10/96.		
	Tert.								
	Quat.								

Comments: Note 1: Based on cumulative particulate sizes up to and including PM-10.

Note 2: Based on an emission factor for non-methane total organic compounds.

Certification: These records are true and accurate to the best of my knowledge: [signature] REGULATORY PROGRAMS MANAGER 4/10/06

Emission quantity reporting form Signature Title Date

Reporting Year 2005

EMISSIONS INVENTORY FORM INV-A

Source name:	Physical Address:	Mailing Address:
FPL ENERGY SEABROOK, LLC	SEABROOK STATION 626 LAFAYETTE ROAD SEABROOK, NH 03874	SEABROOK STATION, P. O. BOX 300 SEABROOK, NH 03874

Device name: OSB Diesel Generator 68-121 | Permit Number if applicable: TV-OP-017

Ozone Season Operating Schedule (May 1 thru September 30)

Days/week: N/A Weeks/Season: N/A Days/Season: 12

Month	Fuel used	Fuel type	Wt % Sulfur	Actual Fuel Used	Units	MMBTUs	Emission Factor Units lb/kgal SO2	Emission Factor Units lb/kgal NOx	SO2 (lbs)	NOx (lbs)	Ozone Daily NOx Emissions (lbs/day)
Jan.	Primary	No. 2 Diesel	< 0.4	0.8	gallons	1.1	39.73	604	0.03	0.48	
	Secondary										
Feb.	Primary	No. 2 Diesel	< 0.4	0.8	gallons	1.1	39.73	604	0.03	0.48	
	Secondary										
Mar.	Primary	No. 2 Diesel	< 0.4	0.8	gallons	1.1	39.73	604	0.03	0.48	
	Secondary										
Apr.	Primary	No. 2 Diesel	< 0.4	3.0	gallons	1.1	39.73	604	0.12	1.81	
	Secondary										
May	Primary	No. 2 Diesel	< 0.4	3.0	gallons	1.1	39.73	604	0.12	1.81	0.06
	Secondary										
June	Primary	No. 2 Diesel	< 0.4	3.0	gallons	1.1	39.73	604	0.12	1.81	0.06
	Secondary										
July	Primary	No. 2 Diesel	< 0.4	3.3	gallons	1.1	39.73	604	0.13	1.99	0.06
	Secondary										
Aug.	Primary	No. 2 Diesel	< 0.4	3.3	gallons	1.1	39.73	604	0.13	1.99	0.06
	Secondary										
Sep.	Primary	No. 2 Diesel	< 0.4	3.3	gallons	1.1	39.73	604	0.13	1.99	0.07
	Secondary										
Oct.	Primary	No. 2 Diesel	< 0.4	3.1	gallons	1.1	39.73	604	0.12	1.90	
	Secondary										
Nov.	Primary	No. 2 Diesel	< 0.4	3.1	gallons	1.1	39.73	604	0.12	1.87	
	Secondary										
Dec.	Primary	No. 2 Diesel	< 0.4	3.1	gallons	1.1	39.73	604	0.12	1.87	
	Secondary										
Year (total)	Primary	No. 2 Diesel	< 0.4	30.6	gallons	1.1	39.73	604	1.22	18.51	
	Secondary										
	Tertiary										
						Tons SO2 and NOx:			0.00	0.01	

Comments:

Certification: These records are true and accurate to the best of my knowledge: Signature 4/10/06 Date

Monthly fuel use reporting form

Reporting Year 2005

EMISSIONS INVENTORY FORM INV-E1

Source name:	Physical Address: SEABROOK STATION	Mailing Address:
FPL ENERGY SEABROOK, LLC	626 LAFAYETTE ROAD	SEABROOK STATION, P. O. BOX 300
	SEABROOK, NH 03874	SEABROOK, NH 03874

Device name: Atlas-Copco Air Compressor 20-021 (EU07) | Permit Number if applicable: TV-OP-017

SIC Code (Standard Industrial Classification): 4911 | SCC Code (Source Classification Codes): 2-02-001-02

Pollutant		Fuel used			Emission Factor(EMF)			Quantity emitted	
		SCC Code	Quantity	(units)	EMF	(units)	Source	(lbs/yr)	(tons/yr)
Total Suspended Particulates TSP	Prim.	2-02-001-02	0.0	gallons	42.47	lb/kgal	AP-42 Table 3.3-1[1]	0.00	0.00
	Sec.						dated 10/96.		
	Tert.								
	Quat.								
Sulfur Dioxide SO2	Prim.	2-02-001-02	0.0	gallons	39.73	lb/kgal	AP-42 Table 3.3-1	0.00	0.00
(If you completed Form Inv-A, you may	Sec.						dated 10/96.		
complete the last column only)	Tert.								
	Quat.								
Nitrogen Oxides NOx	Prim.	2-02-001-02	0.0	gallons	604	lb/kgal	AP-42 Table 3.3-1	0.00	0.00
(If you completed Form Inv-A you may	Sec.						dated 10/96.		
complete the last column only)	Tert.								
	Quat.								
Carbon Monoxide CO	Prim.	2-02-001-02	0.0	gallons	130.15	lb/kgal	AP-42 Table 3.3-1	0.00	0.00
	Sec.						dated 10/96.		
	Tert.								
	Quat.								
Non-Methane VOC	Prim.	2-02-001-02	0.0	gallons	49.32	lb/kgal	AP-42 Table 3.3-1[2]	0.00	0.00
Volatile Organic Compounds	Sec.						dated 10/96.		
	Tert.								
	Quat.								

Comments: Note 1: Based on cumulative particulate sizes up to and including PM-10.

Note 2: Based on an emission factor for non-methane total organic compounds.

Certification: These records are true and accurate to the best of my knowledge: [signature] REGULATORY PROGRAMS MANAGER 4/10/06

Emission quantity reporting form Signature Title Date

Reporting Year 2005

EMISSIONS INVENTORY FORM INV-A

Source name:	Physical Address:	Mailing Address:
FPL ENERGY SEABROOK, LLC	SEABROOK STATION 626 LAFAYETTE ROAD SEABROOK, NH 03874	SEABROOK STATION, P. O. BOX 300 SEABROOK, NH 03874

Device name: Atlas-Copco Air Compressor 20-021 | Permit Number if applicable: TV-OP-017

Ozone Season Operating Schedule (May 1 thru September 30)

Days/week: N/A Weeks/Season: N/A Days/Season: 12

Month	Fuel used	Fuel type	Wt % Sulfur	Actual Fuel Used	Units	MMBTUs	Emission Factor Units lb/kgal SO2	Emission Factor Units lb/kgal NOx	SO2 (lbs)	NOx (lbs)	Ozone Daily NOx Emissions (lbs/day)
Jan.	Primary	No. 2 Diesel	< 0.4	0.0	gallons	1.1	39.73	604	0.00	0.00	
	Secondary										
Feb.	Primary	No. 2 Diesel	< 0.4	0.0	gallons	1.1	39.73	604	0.00	0.00	
	Secondary										
Mar.	Primary	No. 2 Diesel	< 0.4	0.0	gallons	1.1	39.73	604	0.00	0.00	
	Secondary										
Apr.	Primary	No. 2 Diesel	< 0.4	0.0	gallons	1.1	39.73	604	0.00	0.00	
	Secondary										
May	Primary	No. 2 Diesel	< 0.4	0.0	gallons	1.1	39.73	604	0.00	0.00	0.00
	Secondary										
June	Primary	No. 2 Diesel	< 0.4	0.0	gallons	1.1	39.73	604	0.00	0.00	0.00
	Secondary										
July	Primary	No. 2 Diesel	< 0.4	0.0	gallons	1.1	39.73	604	0.00	0.00	0.00
	Secondary										
Aug.	Primary	No. 2 Diesel	< 0.4	0.0	gallons	1.1	39.73	604	0.00	0.00	0.00
	Secondary										
Sep.	Primary	No. 2 Diesel	< 0.4	0.0	gallons	1.1	39.73	604	0.00	0.00	0.00
	Secondary										
Oct.	Primary	No. 2 Diesel	< 0.4	0.0	gallons	1.1	39.73	604	0.00	0.00	
	Secondary										
Nov.	Primary	No. 2 Diesel	< 0.4	0.0	gallons	1.1	39.73	604	0.00	0.00	
	Secondary										
Dec.	Primary	No. 2 Diesel	< 0.4	0.0	gallons	1.1	39.73	604	0.00	0.00	
	Secondary										
Year (total)	Primary	No. 2 Diesel	< 0.4	0.0	gallons	1.1	39.73	604	0.00	0.00	
	Secondary										
	Tertiary										
						Tons SO2 and NOx:			0.00	0.00	

Comments:

Certification: These records are true and accurate to the best of my knowledge: J M Kendall 4/10/06

Signature Date

Monthly fuel use reporting form

Reporting Year 2005

EMISSIONS INVENTORY FORM INV-E1

Source name:	Physical Address: SEABROOK STATION	Mailing Address:
FPL ENERGY SEABROOK, LLC	626 LAFAYETTE ROAD	SEABROOK STATION, P. O. BOX 300
	SEABROOK, NH 03874	SEABROOK, NH 03874

Device name: Fire Pump Diesel Eng. 1-FP-P-20A (EU08) | Permit Number if applicable: TV-OP-017

SIC Code (Standard Industrial Classification): 4911 | SCC Code (Source Classification Codes): 2-02-001-02

Pollutant		Fuel used			Emission Factor(EMF)			Quantity emitted	
		SCC Code	Quantity	(units)	EMF	(units)	Source	(lbs/yr)	(tons/yr)
Total Suspended Particulates TSP	Prim.	2-02-001-02	241.0	gallons	42.47	lb/kgal	AP-42 Table 3.3-1[1]	10.24	0.01
	Sec.						dated 10/96.		
	Tert.								
	Quat.								
Sulfur Dioxide SO2	Prim.	2-02-001-02	241.0	gallons	4.97	lb/kgal	AP-42 Table 3.3-1[2]	1.20	0.00
(If you completed Form Inv-A, you may	Sec.						dated 10/96.		
complete the last column only)	Tert.								
	Quat.								
Nitrogen Oxides NOx	Prim.	2-02-001-02	241.0	gallons	604	lb/kgal	AP-42 Table 3.3-1	145.56	0.07
(If you completed Form Inv-A you may	Sec.						dated 10/96.		
complete the last column only)	Tert.								
	Quat.								
Carbon Monoxide CO	Prim.	2-02-001-02	241.0	gallons	130.15	lb/kgal	AP-42 Table 3.3-1	31.37	0.02
	Sec.						dated 10/96.		
	Tert.								
	Quat.								
Non-Methane VOC	Prim.	2-02-001-02	241.0	gallons	49.32	lb/kgal	AP-42 Table 3.3-1	11.89	0.01
Volatile Organic Compounds	Sec.						dated 10/96.		
	Tert.								
	Quat.								

Comments: Note 1: Based on cumulative particulate sizes up to and including PM-10.

Note 2: Based on a sulfur content of .05 wt. % for on-road low sulfur diesel.

Certification: These records are true and accurate to the best of my knowledge: J M Peschel REGULATORY PROGRAMS MANAGER 4/19/06

Emission quantity reporting form Signature Title Date

Reporting Year 2005

EMISSIONS INVENTORY FORM INV-A

Source name:	Physical Address:	Mailing Address:
FPL ENERGY SEABROOK, LLC	SEABROOK STATION 626 LAFAYETTE ROAD SEABROOK, NH 03874	SEABROOK STATION, P. O. BOX 300 SEABROOK, NH 03874

Device name: Fire Pump Diesel Engine 1-FP-P-20A

Permit Number if applicable: TV-OP-017

Ozone Season Operating Schedule (May 1 thru September 30)

Days/week: N/A Weeks/Season: N/A Days/Season: 12

Month	Fuel used	Fuel type	Wt % Sulfur	Actual Fuel Used	Units	MMBTUs	Emission Factor Units lb/kgal SO2	Emission Factor Units lb/kgal NOx	SO2 (lbs)	NOx (lbs)	Ozone Daily NOx Emissions (lbs/day)
Jan.	Primary	On-road diesel	< 0.05	28.9	gallons	1.1	4.97	604	0.14	17.46	
	Secondary										
Feb.	Primary	On-road diesel	< 0.05	15.8	gallons	1.1	4.97	604	0.08	9.54	
	Secondary										
Mar.	Primary	On-road diesel	< 0.05	15.8	gallons	1.1	4.97	604	0.08	9.54	
	Secondary										
Apr.	Primary	On-road diesel	< 0.05	15.1	gallons	1.1	4.97	604	0.08	9.12	
	Secondary										
May	Primary	On-road diesel	< 0.05	19.7	gallons	1.1	4.97	604	0.10	11.90	0.38
	Secondary										
June	Primary	On-road diesel	< 0.05	16.2	gallons	1.1	4.97	604	0.08	9.78	0.33
	Secondary										
July	Primary	On-road diesel	< 0.05	24.1	gallons	1.1	4.97	604	0.12	14.56	0.47
	Secondary										
Aug.	Primary	On-road diesel	< 0.05	22.6	gallons	1.1	4.97	604	0.11	13.65	0.44
	Secondary										
Sep.	Primary	On-road diesel	< 0.05	16.8	gallons	1.1	4.97	604	0.08	10.15	0.34
	Secondary										
Oct.	Primary	On-road diesel	< 0.05	27.0	gallons	1.1	4.97	604	0.13	16.31	
	Secondary										
Nov.	Primary	On-road diesel	< 0.05	21.0	gallons	1.1	4.97	604	0.10	12.68	
	Secondary										
Dec.	Primary	On-road diesel	< 0.05	18.0	gallons	1.1	4.97	604	0.09	10.87	
	Secondary										
Year (total)	Primary	On-road diesel	< 0.05	241.0	gallons	1.1	4.97	604	1.20	145.56	
	Secondary										
	Tertiary										
						Tons SO2 and NOx:			0.00	0.07	

Comments:

Certification: These records are true and accurate to the best of my knowledge: J M [illegible] 4/10/06

Signature Date

Monthly fuel use reporting form

Reporting Year 2005

EMISSIONS INVENTORY FORM INV-E1

Source name:	Physical Address: SEABROOK STATION	Mailing Address:
FPL ENERGY SEABROOK, LLC	626 LAFAYETTE ROAD	SEABROOK STATION, P. O. BOX 300
	SEABROOK, NH 03874	SEABROOK, NH 03874

Device name: Fire Pump Diesel Eng. 1-FP-P-20B (EU09) | Permit Number if applicable: TV-OP-017

SIC Code (Standard Industrial Classification): 4911 | SCC Code (Source Classification Codes): 2-02-001-02

Pollutant		Fuel used			Emission Factor(EMF)			Quantity emitted	
		SCC Code	Quantity	(units)	EMF	(units)	Source	(lbs/yr)	(tons/yr)
Total Suspended Particulates TSP	Prim.	2-02-001-02	249.8	gallons	42.47	lb/kgal	AP-42 Table 3.3-1[1]	10.61	0.01
	Sec.						dated 10/96.		
	Tert.								
	Quat.								
Sulfur Dioxide SO2	Prim.	2-02-001-02	249.8	gallons	4.97	lb/kgal	AP-42 Table 3.3-1[2]	1.24	0.00
(If you completed Form Inv-A, you may	Sec.						dated 10/96.		
complete the last column only)	Tert.								
	Quat.								
Nitrogen Oxides NOx	Prim.	2-02-001-02	249.8	gallons	604	lb/kgal	AP-42 Table 3.3-1	150.88	0.08
(If you completed Form Inv-A you may	Sec.						dated 10/96.		
complete the last column only)	Tert.								
	Quat.								
Carbon Monoxide CO	Prim.	2-02-001-02	249.8	gallons	130.15	lb/kgal	AP-42 Table 3.3-1	32.51	0.02
	Sec.						dated 10/96.		
	Tert.								
	Quat.								
Non-Methane VOC	Prim.	2-02-001-02	249.8	gallons	49.32	lb/kgal	AP-42 Table 3.3-1	12.32	0.01
Volatile Organic Compounds	Sec.						dated 10/96.		
	Tert.								
	Quat.								

Comments: Note 1: Based on cumulative particulate sizes up to and including PM-10.

Note 2: Based on a sulfur content of .05 wt. % for on-road low sulfur diesel.

Certification: These records are true and accurate to the best of my knowledge: [signature] Regulatory Programs Manager 4/10/06

Signature Title Date

Emission quantity reporting form

Reporting Year 2005

EMISSIONS INVENTORY FORM INV-A

Source name:	Physical Address:	Mailing Address:
FPL ENERGY SEABROOK, LLC	SEABROOK STATION 626 LAFAYETTE ROAD SEABROOK, NH 03874	SEABROOK STATION, P. O. BOX 300 SEABROOK, NH 03874

Device name: Fire Pump Diesel Engine 1-FP-P-20B

Permit Number if applicable: TV-OP-017

Ozone Season Operating Schedule (May 1 thru September 30)

Days/week: N/A Weeks/Season: N/A Days/Season: 12

Month	Fuel used	Fuel type	Wt % Sulfur	Actual Fuel Used	Units	MMBTUs	Emission Factor Units lb/kgal SO2	Emission Factor Units lb/kgal NOx	SO2 (lbs)	NOx (lbs)	Ozone Daily NOx Emissions (lbs/day)
Jan.	Primary	On-road diesel	< 0.05	22.7	gallons	1.1	4.97	604	0.11	13.71	
	Secondary										
Feb.	Primary	On-road diesel	< 0.05	16.1	gallons	1.1	4.97	604	0.08	9.72	
	Secondary										
Mar.	Primary	On-road diesel	< 0.05	16.0	gallons	1.1	4.97	604	0.08	9.66	
	Secondary										
Apr.	Primary	On-road diesel	< 0.05	20.9	gallons	1.1	4.97	604	0.10	12.62	
	Secondary										
May	Primary	On-road diesel	< 0.05	22.2	gallons	1.1	4.97	604	0.11	13.41	0.43
	Secondary										
June	Primary	On-road diesel	< 0.05	19.7	gallons	1.1	4.97	604	0.10	11.90	0.40
	Secondary										
July	Primary	On-road diesel	< 0.05	23.3	gallons	1.1	4.97	604	0.12	14.07	0.45
	Secondary										
Aug.	Primary	On-road diesel	< 0.05	23.4	gallons	1.1	4.97	604	0.12	14.13	0.46
	Secondary										
Sep.	Primary	On-road diesel	< 0.05	22.9	gallons	1.1	4.97	604	0.11	13.83	0.46
	Secondary										
Oct.	Primary	On-road diesel	< 0.05	20.0	gallons	1.1	4.97	604	0.10	12.08	
	Secondary										
Nov.	Primary	On-road diesel	< 0.05	15.8	gallons	1.1	4.97	604	0.08	9.54	
	Secondary										
Dec.	Primary	On-road diesel	< 0.05	26.8	gallons	1.1	4.97	604	0.13	16.19	
	Secondary										
Year (total)	Primary	On-road diesel	< 0.05	249.8	gallons	1.1	4.97	604	1.24	150.88	
	Secondary										
	Tertiary										
						Tons SO2 and NOx:			0.00	0.08	

Comments:

Certification: These records are true and accurate to the best of my knowledge:

Signature

4/10/06

Date

Monthly fuel use reporting form

Reporting Year 2005

EMISSIONS INVENTORY FORM INV-E1

Source name:	Physical Address: SEABROOK STATION	Mailing Address:
FPL ENERGY SEABROOK, LLC	626 LAFAYETTE ROAD	SEABROOK STATION, P. O. BOX 300
	SEABROOK, NH 03874	SEABROOK, NH 03874

Device name: SEPS Diesel Generator 2A (EUxx) | Permit Number if applicable: TP-B-0498

SIC Code (Standard Industrial Classification): *4911* | *SCC Code (Source Classification Codes):* *2-02-004-01*

Pollutant		Fuel used			Emission Factor(EMF)			Quantity emitted	
		SCC Code	Quantity	(units)	EMF	(units)	Source	(lbs/yr)	(tons/yr)
Total Suspended Particulates TSP	Prim.	2-02-004-01	20,595	gallons	8.494	lb/kgal	AP-42 Table 3.4-2[1]	174.93	0.09
	Sec.						dated 10/96.		
	Tert.								
	Quat.								
Sulfur Dioxide SO2	Prim.	2-02-004-01	20,595	gallons	6.918	lb/kgal	AP-42 Table 3.4-1	142.48	0.07
(If you completed Form Inv-A, you may	Sec.						dated 10/96.		
complete the last column only)	Tert.								
	Quat.								
Nitrogen Oxides NOx	Prim.	2-02-004-01	20,595	gallons	438.4	lb/kgal	AP-42 Table 3.4-1	9028.85	4.51
(If you completed Form Inv-A you may	Sec.						dated 10/96.		
complete the last column only)	Tert.								
	Quat.								
Carbon Monoxide CO	Prim.	2-02-004-01	20,595	gallons	116.45	lb/kgal	AP-42 Table 3.4-1	2398.29	1.20
	Sec.						dated 10/96.		
	Tert.								
	Quat.								
Non-Methane VOC	Prim.	2-02-004-01	20,595	gallons	11.22	lb/kgal	AP-42 Table 3.4-1[2]	231.08	0.12
Volatile Organic Compounds	Sec.						dated 10/96.		
	Tert.								
	Quat.								

Comments: Note 1: Based on an emission factor for total filterable particulates of .0620 lb/MMBtu for large stationary diesel engines.

Note 2: Based on an emission factor for non-methane total organic compounds.

Certification: These records are true and accurate to the best of my knowledge: [signature] Regulatory Programs Manager 4/19/06

Emission quantity reporting form Signature Title Date

Reporting Year 2005

EMISSIONS INVENTORY FORM INV-A

Source name:	Physical Address:	Mailing Address:
FPL ENERGY SEABROOK, LLC	SEABROOK STATION 626 LAFAYETTE ROAD SEABROOK, NH 03874	SEABROOK STATION, P. O. BOX 300 SEABROOK, NH 03874

Device name: SEPS Diesel Generator 2A

Permit Number if applicable: TP-B-0498

Ozone Season Operating Schedule (May 1 thru September 30)

Days/week: N/A Weeks/Season: N/A Days/Season: 13

Month	Fuel used	Fuel type	Wt % Sulfur	Actual Fuel Used	Units	MMBTUs	Emission Factor Units lb/kgal SO2	Emission Factor Units lb/kgal NOx	SO2 (lbs)	NOx (lbs)	Ozone Daily NOx Emissions (lbs/day)
Jan.	Primary	On-road diesel	< 0.05	1,000	gallons	226.5	6.918	438.4	6.92	438.40	
	Secondary										
Feb.	Primary	On-road diesel	< 0.05	1,000	gallons	226.5	6.918	438.4	6.92	438.40	
	Secondary										
Mar.	Primary	On-road diesel	< 0.05	7,000	gallons	226.5	6.918	438.4	48.43	3068.80	
	Secondary										
Apr.	Primary	On-road diesel	< 0.05	3,105	gallons	226.5	6.918	438.4	21.48	1361.36	
	Secondary										
May	Primary	On-road diesel	< 0.05	3,105	gallons	226.5	6.918	438.4	21.48	1361.36	43.91
	Secondary										
June	Primary	On-road diesel	< 0.05	3,105	gallons	226.5	6.918	438.4	21.48	1361.36	45.38
	Secondary										
July	Primary	On-road diesel	< 0.05	206	gallons	226.5	6.918	438.4	1.43	90.49	2.92
	Secondary										
Aug.	Primary	On-road diesel	< 0.05	206	gallons	226.5	6.918	438.4	1.43	90.31	2.91
	Secondary										
Sep.	Primary	On-road diesel	< 0.05	206	gallons	226.5	6.918	438.4	1.43	90.31	3.01
	Secondary										
Oct.	Primary	On-road diesel	< 0.05	554	gallons	226.5	6.918	438.4	3.83	242.70	
	Secondary										
Nov.	Primary	On-road diesel	< 0.05	554	gallons	226.5	6.918	438.4	3.83	242.87	
	Secondary										
Dec.	Primary	On-road diesel	< 0.05	554	gallons	226.5	6.918	438.4	3.83	242.87	
	Secondary										
Year (total)	Primary	On-road diesel	< 0.05	20,595	gallons	226.5	6.918	438.4	142.48	9029.24	
	Secondary										
	Tertiary										
						Tons SO2 and NOx:			0.07	4.51	

Comments:

Certification: These records are true and accurate to the best of my knowledge: Signature 4/10/06 Date

Monthly fuel use reporting form

Reporting Year 2005

EMISSIONS INVENTORY FORM INV-E1

Source name:	Physical Address: SEABROOK STATION	Mailing Address:
FPL ENERGY SEABROOK, LLC	626 LAFAYETTE ROAD	SEABROOK STATION, P. O. BOX 300
	SEABROOK, NH 03874	SEABROOK, NH 03874

Device name: SEPS Diesel Generator 2B (EUxx) | Permit Number if applicable: TP-B-0498

SIC Code (Standard Industrial Classification): 4911 | SCC Code (Source Classification Codes): 2-02-004-01

Pollutant		Fuel used			Emission Factor(EMF)			Quantity emitted	
		SCC Code	Quantity	(units)	EMF	(units)	Source	(lbs/yr)	(tons/yr)
Total Suspended Particulates TSP	Prim.	2-02-004-01	20,742	gallons	8.494	lb/kgal	AP-42 Table 3.4-2[1]	176.18	0.09
	Sec.						dated 10/96.		
	Tert.								
	Quat.								
Sulfur Dioxide SO2	Prim.	2-02-004-01	20,742	gallons	6.918	lb/kgal	AP-42 Table 3.4-1	143.49	0.07
(If you completed Form Inv-A, you may	Sec.						dated 10/96.		
complete the last column only)	Tert.								
	Quat.								
Nitrogen Oxides NOx	Prim.	2-02-004-01	20,742	gallons	438.4	lb/kgal	AP-42 Table 3.4-1	9093.29	4.55
(If you completed Form Inv-A you may	Sec.						dated 10/96.		
complete the last column only)	Tert.								
	Quat.								
Carbon Monoxide CO	Prim.	2-02-004-01	20,742	gallons	116.45	lb/kgal	AP-42 Table 3.4-1	2415.41	1.21
	Sec.						dated 10/96.		
	Tert.								
	Quat.								
Non-Methane VOC	Prim.	2-02-004-01	20,742	gallons	11.22	lb/kgal	AP-42 Table 3.4-1[2]	232.73	0.12
Volatile Organic Compounds	Sec.						dated 10/96.		
	Tert.								
	Quat.								

Comments: Note 1: Based on an emission factor for total filterable particulates of .0620 lb/MMBtu for large stationary diesel engines.

Note 2: Based on an emission factor for non-methane total organic compounds.

Certification: These records are true and accurate to the best of my knowledge: [signature] Regulatory Programs Manager 4/10/06

Emission quantity reporting form Signature Title Date

Reporting Year 2005

EMISSIONS INVENTORY FORM INV-A

Source name:	Physical Address:	Mailing Address:
FPL ENERGY SEABROOK, LLC	SEABROOK STATION 626 LAFAYETTE ROAD SEABROOK, NH 03874	SEABROOK STATION, P. O. BOX 300 SEABROOK, NH 03874

Device name: SEPS Diesel Generator 2B

Permit Number if applicable: TP-B-0498

Ozone Season Operating Schedule (May 1 thru September 30)

Days/week: N/A Weeks/Season: N/A Days/Season: 13

Month	Fuel used	Fuel type	Wt % Sulfur	Actual Fuel Used	Units	MMBTUs	Emission Factor Units lb/kgal SO2	Emission Factor Units lb/kgal NOx	SO2 (lbs)	NOx (lbs)	Ozone Daily NOx Emissions (lbs/day)
Jan.	Primary	On-road diesel	< 0.05	750	gallons	226.5	6.918	438.4	5.19	328.80	
	Secondary										
Feb.	Primary	On-road diesel	< 0.05	750	gallons	226.5	6.918	438.4	5.19	328.80	
	Secondary										
Mar.	Primary	On-road diesel	< 0.05	4,500	gallons	226.5	6.918	438.4	31.13	1972.80	
	Secondary										
Apr.	Primary	On-road diesel	< 0.05	4,168	gallons	226.5	6.918	438.4	28.83	1827.25	
	Secondary										
May	Primary	On-road diesel	< 0.05	4,168	gallons	226.5	6.918	438.4	28.83	1827.25	58.94
	Secondary										
June	Primary	On-road diesel	< 0.05	4,168	gallons	226.5	6.918	438.4	28.83	1827.25	60.91
	Secondary										
July	Primary	On-road diesel	< 0.05	238	gallons	226.5	6.918	438.4	1.65	104.51	3.37
	Secondary										
Aug.	Primary	On-road diesel	< 0.05	238	gallons	226.5	6.918	438.4	1.65	104.34	3.37
	Secondary										
Sep.	Primary	On-road diesel	< 0.05	238	gallons	226.5	6.918	438.4	1.65	104.34	3.48
	Secondary										
Oct.	Primary	On-road diesel	< 0.05	508	gallons	226.5	6.918	438.4	3.51	222.49	
	Secondary										
Nov.	Primary	On-road diesel	< 0.05	508	gallons	226.5	6.918	438.4	3.51	222.71	
	Secondary										
Dec.	Primary	On-road diesel	< 0.05	508	gallons	226.5	6.918	438.4	3.51	222.71	
	Secondary										
Year (total)	Primary	On-road diesel	< 0.05	20,742	gallons	226.5	6.918	438.4	143.49	9093.25	
	Secondary										
	Tertiary										
						Tons SO2 and NOx:			0.07	4.55	

Comments:

Certification: These records are true and accurate to the best of my knowledge: Signature 4/10/06 Date

Monthly fuel use reporting form

Reporting Year 2005

EMISSIONS INVENTORY FORM INV-E1

Source name:	Physical Address: SEABROOK STATION	Mailing Address:
FPL ENERGY SEABROOK, LLC	626 LAFAYETTE ROAD	SEABROOK STATION, P. O. BOX 300
	SEABROOK, NH 03874	SEABROOK, NH 03874

Device name: Sullair Air Compressor (EUxx) | Permit Number if applicable: TP-B-0507

SIC Code (Standard Industrial Classification): 4911 | SCC Code (Source Classification Codes): 2-02-001-02

Pollutant		Fuel used			Emission Factor(EMF)			Quantity emitted	
		SCC Code	Quantity	(units)	EMF	(units)	Source	(lbs/yr)	(tons/yr)
Total Suspended Particulates TSP	Prim.	2-02-001-02	832.1	gallons	42.47	lb/kgal	AP-42 Table 3.3-1[1]	35.34	0.02
	Sec.						dated 10/96.		
	Tert.								
	Quat.								
Sulfur Dioxide SO2	Prim.	2-02-001-02	832.1	gallons	39.73	lb/kgal	AP-42 Table 3.3-1	33.06	0.02
(If you completed Form Inv-A, you may	Sec.						dated 10/96.		
complete the last column only)	Tert.								
	Quat.								
Nitrogen Oxides NOx	Prim.	2-02-001-02	832.1	gallons	604	lb/kgal	AP-42 Table 3.3-1	502.59	0.25
(If you completed Form Inv-A you may	Sec.						dated 10/96.		
complete the last column only)	Tert.								
	Quat.								
Carbon Monoxide CO	Prim.	2-02-001-02	832.1	gallons	130.15	lb/kgal	AP-42 Table 3.3-1	108.30	0.05
	Sec.						dated 10/96.		
	Tert.								
	Quat.								
Non-Methane VOC	Prim.	2-02-001-02	832.1	gallons	49.32	lb/kgal	AP-42 Table 3.3-1[2]	41.04	0.02
Volatile Organic Compounds	Sec.						dated 10/96.		
	Tert.								
	Quat.								

Comments: Note 1: Based on cumulative particulate sizes up to and including PM-10.

Note 2: Based on an emission factor for non-methane total organic compounds.

Certification: These records are true and accurate to the best of my knowledge: [signature] REGULATORY PROGRAMS MANAGER 4/20/06

Emission quantity reporting form Signature Title Date

Reporting Year 2005

EMISSIONS INVENTORY FORM INV-A

Source name:	Physical Address:	Mailing Address:
FPL ENERGY SEABROOK, LLC	SEABROOK STATION 626 LAFAYETTE ROAD SEABROOK, NH 03874	SEABROOK STATION, P. O. BOX 300 SEABROOK, NH 03874

Device name: Sullair Air Compressor (EUxx)

Permit Number if applicable: TP-B-0507

Ozone Season Operating Schedule (May 1 thru September 30)

Days/week: N/A Weeks/Season: N/A Days/Season: 12

Month	Fuel used	Fuel type	Wt % Sulfur	Actual Fuel Used	Units	MMBTUs	Emission Factor Units lb/kgal SO2	Emission Factor Units lb/kgal NOx	SO2 (lbs)	NOx (lbs)	Ozone Daily NOx Emissions (lbs/day)
Jan.	Primary	No. 2 Diesel	< 0.4	83.1	gallons	1.1	39.73	604	3.30	50.19	
	Secondary										
Feb.	Primary	No. 2 Diesel	< 0.4	83.1	gallons	1.1	39.73	604	3.30	50.19	
	Secondary										
Mar.	Primary	No. 2 Diesel	< 0.4	83.1	gallons	1.1	39.73	604	3.30	50.19	
	Secondary										
Apr.	Primary	No. 2 Diesel	< 0.4	12.4	gallons	1.1	39.73	604	0.49	7.49	
	Secondary										
May	Primary	No. 2 Diesel	< 0.4	74.4	gallons	1.1	39.73	604	2.96	44.94	1.45
	Secondary										
June	Primary	No. 2 Diesel	< 0.4	62.0	gallons	1.1	39.73	604	2.46	37.45	1.25
	Secondary										
July	Primary	No. 2 Diesel	< 0.4	62.0	gallons	1.1	39.73	604	2.46	37.45	1.21
	Secondary										
Aug.	Primary	No. 2 Diesel	< 0.4	86.8	gallons	1.1	39.73	604	3.45	52.43	1.69
	Secondary										
Sep.	Primary	No. 2 Diesel	< 0.4	62.0	gallons	1.1	39.73	604	2.46	37.45	1.25
	Secondary										
Oct.	Primary	No. 2 Diesel	< 0.4	62.0	gallons	1.1	39.73	604	2.46	37.45	
	Secondary										
Nov.	Primary	No. 2 Diesel	< 0.4	74.4	gallons	1.1	39.73	604	2.96	44.94	
	Secondary										
Dec.	Primary	No. 2 Diesel	< 0.4	86.8	gallons	1.1	39.73	604	3.45	52.43	
	Secondary										
Year (total)	Primary	No. 2 Diesel	< 0.4	832.1	gallons	1.1	39.73	604	33.06	502.59	
	Secondary										
	Tertiary										
						Tons SO2 and NOx:			0.02	0.25	

Comments:

Certification: These records are true and accurate to the best of my knowledge: Signature 4/10/06 Date

Monthly fuel use reporting form

Reporting Year 2005

EMISSIONS INVENTORY FORM INV-E2

Source name:	Physical Address:	SEABROOK STATION	Mailing Address:
FPL ENERGY SEABROOK, LLC		626 LAFAYETTE ROAD	SEABROOK STATION, P. O. BOX 300
		SEABROOK, NH 03874	SEABROOK, NH 03874

SIC (Standard Industrial Classification) Code: 4911

Device name: Gasoline Storage Tank (EU10) | Permit Number: TV-OP-017

Process identification: coating/printing; solvent cleaning; other(please specify): Gasoline storage and dispensing.

Hours Operated: 24 hrs/day

Name of VOC Bearing Material	ID or CAS number	Quantity used (gallons/yr)	Density (lbs/gal)	Total volatiles content (wt%)	Water Content (wt%)	Total volatiles less water (wt%)	Quantity emitted (lbs/yr)	Quantity emitted (tons/yr)
Unleaded Regular Gasoline		10,754	6.33	100%	0	100	730	0.37
							Total:	0.37

Toxics

NA								
							Total:	

Comments: VOC emissions based on User Factor of 33.67 lbs/kgal. of throughput per N.Strickland on 4/13/04.

Certification: These records are true and accurate to the best of my knowledge: J. Mendel REGULATORY PROGRAMS MANAGER 4/10/06

EMISSIONS STATEMENT REPORTING FORM INV-E2 Signature Title Date

Speciation Summary
Year 2005

REGULATED TOXIC AIR POLLUTANT SPECIATION SUMMARY:				
		EU01	EU02	
		Auxiliary Boiler #1	Auxiliary Boiler #2	
CAS Number	Speciated	Emissions	Emissions	Reference
	Air Pollutant	(lbs.)	(lbs.)	
	(**Bold** type indicates			
	NH Regulated Toxic			
	Air Pollutant)			
7439-92-1	**Lead**	0.160991577	0.245819511	(Note 1)
7439-96-5	**Manganese**	0.107327718	0.163879674	(Note 1)
7439-97-6	**Mercury**	0.053663859	0.081939837	(Note 1)
7440-02-0	**Nickel**	0.053663859	0.081939837	(Note 1)
7440-31-5	**Tin**	0	0	(Note 1)
7440-38-2	**Arsenic**	0.071551812	0.109253116	(Note 1)
7440-41-7	**Beryllium**	0.053663859	0.081939837	(Note 1)
7440-43-9	**Cadmium**	0.053663859	0.081939837	(Note 1)
7440-47-3	**Chromium**	0.053663859	0.081939837	(Note 1)
7440-48-4	**Cobalt**	0	0	(Note 1)
7440-50-8	**Copper**	0.107327718	0.163879674	(Note 1)
7440-66-6	**Zinc**	0.071551812	0.109253116	(Note 1)
7782-49-2	**Selenium**	0.268319295	0.409699185	(Note 1)
10024-97-2	**Nitrous Oxide**	14.36259	21.93037	(Note 2)
	Polycyclic Organic Matter	0.4308777	0.6579111	(Note 3)
50-0-0	**Formaldehyde**	6.267312	9.569616	(Note 4)
	16-PAH	0.89439765	1.36566395	(Note 5)
50-32-8	**Benzo(a)pyrene**	0.000106612	0.000162787	(Note 5)
206-44-0	Fluoranthene	0.00034166	0.000521684	(Note 5)
91-20-3	**Naphthalene**	0.89439765	1.36566395	(Note 5)
129-00-0	**Pyrene**	0.000320194	0.000488908	(Note 5)
	Total	**23.01056658**	**35.13504451**	

Speciation Summary
Year 2005

CAS Number	Speciated Air Pollutant (Bold type indicates NH Regulated Toxic Air Pollutant)	EU03 Emergency Generator 1A Emissions (lbs.)	EU04 Emergency Generator 1B Emissions (lbs.)	Reference
71-43-2	**Benzene**	2.9671519	2.4293802	(Note 6)
108-88-3	**Toluene**	1.0746505	0.879879	(Note 6)
1330-20-7	**Xylenes**	0.7369032	0.6033456	(Note 6)
115-07-1	Propylene	10.6683486	8.7347988	(Note 6)
50-0-0	**Formaldehyde**	0.3014604	0.2468232	(Note 6)
75-07-0	**Acetaldehyde**	0.0976955	0.079989	(Note 6)
107-02-8	**Acrolein**	0.0307043	0.0251394	(Note 6)
	PAH (Total) -	0.809477	0.662766	(Note 7)
91-20-3	**Naphthalene**	0.49713053	0.40702974	(Note 7)
208-96-8	Acenaphthylene	0.035295989	0.028898883	(Note 7)
83-32-9	Acenaphthene	0.017892233	0.014649414	(Note 7)
86-73-7	Fluorene	0.048948237	0.040076774	(Note 7)
85-01-8	**Phenanthrene**	0.156022505	0.127744718	(Note 7)
120-12-7	Anthracene	0.004703341	0.003850899	(Note 7)
206-44-0	Fluoranthene	0.015410767	0.012617693	(Note 7)
129-00-0	**Pyrene**	0.014188178	0.011616688	(Note 7)
56-55-3	**Benz(a)anthracene**	0.002378188	0.001947161	(Note 7)
218-01-9	**Chrysene**	0.005850565	0.004790198	(Note 7)
205-99-2	**Benzo(b)fluoranthene**	0.004245567	0.003476093	(Note 7)
207-08-9	Benzo(k)fluoranthene	0.000834599	0.000683335	(Note 7)
50-32-8	**Benzo(a)pyrene**	0.000982538	0.000804461	(Note 7)
193-39-5	Indeno(1,2,3-cd)pyrene	0.001582667	0.001295822	(Note 7)
53-73-3	Dibenz(a,h)anthracene	0.001323076	0.00108328	(Note 7)
191-24-2	Benzo(g,h,l)perylene	0.002126971	0.001741475	(Note 7)
	Total	**5.88936387**	**4.82196546**	

Speciation Summary
Year 2005

CAS Number	Speciated Air Pollutant (**Bold** type indicates NH Regulated Toxic Air Pollutant)	EU05 GOB Emergency Generator Emissions (lbs.)	EU06 OSB Emergency Generator Emissions (lbs.)	Reference
	Aldehydes	2.816583	0.293454	(Note 8)
71-43-2	**Benzene**	0.037541028	0.003911323	(Note 9)
108-88-3	**Toluene**	0.016456892	0.00171461	(Note 9)
1330-20-7	**Xylenes**	0.011467517	0.001194777	(Note 9)
115-07-1	Propylene	0.103811202	0.010815876	(Note 9)
106-99-0	**1,3-Butadiene**	0.001573263	0.000163915	(Note 9)
50-0-0	**Formaldehyde**	0.047479542	0.004946796	(Note 9)
75-07-0	**Acetaldehyde**	0.030861702	0.003215417	(Note 9)
107-02-8	**Acrolein**	0.003721913	0.000387779	(Note 9)
	PAH (Total) -	0.006759799	0.00070429	(Note 9)
91-20-3	**Naphthalene**	0.003412089	0.000355499	(Note 9)
208-96-8	Acenaphthylene	0.000203599	2.12125E-05	(Note 9)
83-32-9	Acenaphthene	5.71364E-05	5.95292E-06	(Note 9)
86-73-7	Fluorene	0.001174917	0.000122412	(Note 9)
85-01-8	**Phenanthrene**	0.001182965	0.000123251	(Note 9)
120-12-7	Anthracene	7.5243E-05	7.83941E-06	(Note 9)
206-44-0	Fluoranthene	0.000306203	3.19026E-05	(Note 9)
129-00-0	**Pyrene**	0.000192332	2.00387E-05	(Note 9)
56-55-3	**Benz(a)anthracene**	6.7598E-05	7.0429E-06	(Note 9)
218-01-9	**Chrysene**	1.42036E-05	1.47985E-06	(Note 9)
205-99-2	**Benzo(b)fluoranthene**	3.98727E-06	4.15426E-07	(Note 9)
207-08-9	Benzo(k)fluoranthene	6.23672E-06	6.49791E-07	(Note 9)
50-32-8	**Benzo(a)pyrene**	7.56454E-06	7.88134E-07	(Note 9)
193-39-5	Indeno(1,2,3-cd)pyrene	1.50888E-05	1.57208E-06	(Note 9)
53-73-3	Dibenz(a,h)anthracene	2.34581E-05	2.44405E-06	(Note 9)
191-24-2	Benzo(g,h,l)perylene	1.96758E-05	2.04999E-06	(Note 9)
	Total	**0.153982596**	**0.016043131**	

Speciation Summary
Year 2005

		EU07	**EUxx**	
		Atlas Copco	**Sullair**	
		Air Compressor	**Air Compressor**	
CAS Number	**Speciated**	**Emissions**	**Emissions**	**Reference**
	Air Pollutant	**(lbs.)**	**(lbs.)**	
	(**Bold** type indicates			
	NH Regulated Toxic			
	Air Pollutant)			
	Aldehydes	0	7.979839	(Note 8)
71-43-2	**Benzene**	0	0.106359854	(Note 9)
108-88-3	**Toluene**	0	0.046625059	(Note 9)
1330-20-7	**Xylenes**	0	0.032489345	(Note 9)
115-07-1	Propylene	0	0.294114066	(Note 9)
106-99-0	**1,3-Butadiene**	0	0.00445731	(Note 9)
50-0-0	**Formaldehyde**	0	0.134517286	(Note 9)
75-07-0	**Acetaldehyde**	0	0.087436236	(Note 9)
107-02-8	**Acrolein**	0	0.010544787	(Note 9)
	PAH (Total) -	0	0.019151614	(Note 9)
91-20-3	**Naphthalene**	0	0.009667005	(Note 9)
208-96-8	Acenaphthylene	0	0.000576828	(Note 9)
83-32-9	Acenaphthene	0	0.000161877	(Note 9)
86-73-7	Fluorene	0	0.003328733	(Note 9)
85-01-8	**Phenanthrene**	0	0.003351532	(Note 9)
120-12-7	Anthracene	0	0.000213176	(Note 9)
206-44-0	Fluoranthene	0	0.000867522	(Note 9)
129-00-0	**Pyrene**	0	0.000544909	(Note 9)
56-55-3	**Benz(a)anthracene**	0	0.000191516	(Note 9)
218-01-9	**Chrysene**	0	4.02412E-05	(Note 9)
205-99-2	**Benzo(b)fluoranthene**	0	1.12966E-05	(Note 9)
207-08-9	Benzo(k)fluoranthene	0	1.76696E-05	(Note 9)
50-32-8	**Benzo(a)pyrene**	0	2.14316E-05	(Note 9)
193-39-5	Indeno(1,2,3-cd)pyrene	0	4.27491E-05	(Note 9)
53-73-3	Dibenz(a,h)anthracene	0	6.64607E-05	(Note 9)
191-24-2	Benzo(g,h,I)perylene	0	5.57449E-05	(Note 9)
	Total	**0**	**0.436257809**	

Speciation Summary
Year 2005

		EU08	**EU09**	
		Fire Pumphouse	**Fire Pumphouse**	
		Diesel A	**Diesel B**	
CAS Number	**Speciated**	**Emissions**	**Emissions**	**Reference**
	Air Pollutant	**(lbs.)**	**(lbs.)**	
	(**Bold** type indicates			
	NH Regulated Toxic			
	Air Pollutant)			
	Aldehydes	2.31119	2.395582	(Note 8)
71-43-2	**Benzene**	0.030804861	0.031929686	(Note 9)
108-88-3	**Toluene**	0.013503953	0.013997043	(Note 9)
1330-20-7	**Xylenes**	0.009409845	0.009753441	(Note 9)
115-07-1	Propylene	0.08518386	0.088294308	(Note 9)
106-99-0	**1,3-Butadiene**	0.001290965	0.001338104	(Note 9)
50-0-0	**Formaldehyde**	0.03896006	0.040382668	(Note 9)
75-07-0	**Acetaldehyde**	0.025324039	0.026248734	(Note 9)
107-02-8	**Acrolein**	0.003054073	0.003165591	(Note 9)
	PAH (Total) -	0.005546856	0.005749397	(Note 9)
91-20-3	**Naphthalene**	0.002799842	0.002902076	(Note 9)
208-96-8	Acenaphthylene	0.000167066	0.000173166	(Note 9)
83-32-9	Acenaphthene	4.68841E-05	4.85961E-05	(Note 9)
86-73-7	Fluorene	0.000964096	0.0009993	(Note 9)
85-01-8	**Phenanthrene**	0.0009707	0.001006144	(Note 9)
120-12-7	Anthracene	6.17418E-05	6.39963E-05	(Note 9)
206-44-0	Fluoranthene	0.000251259	0.000260434	(Note 9)
129-00-0	**Pyrene**	0.000157821	0.000163584	(Note 9)
56-55-3	**Benz(a)anthracene**	5.54686E-05	5.7494E-05	(Note 9)
218-01-9	**Chrysene**	1.1655E-05	1.20806E-05	(Note 9)
205-99-2	**Benzo(b)fluoranthene**	3.27182E-06	3.39128E-06	(Note 9)
207-08-9	Benzo(k)fluoranthene	5.11764E-06	5.3045E-06	(Note 9)
50-32-8	**Benzo(a)pyrene**	6.2072E-06	6.43385E-06	(Note 9)
193-39-5	Indeno(1,2,3-cd)pyrene	1.23814E-05	1.28335E-05	(Note 9)
53-73-3	Dibenz(a,h)anthracene	1.92489E-05	1.99518E-05	(Note 9)
191-24-2	Benzo(g,h,l)perylene	1.61453E-05	1.67349E-05	(Note 9)
	Total	**0.12635276**	**0.130966471**	

Speciation Summary
Year 2005

CAS Number	Speciated Air Pollutant (Bold type indicates NH Regulated Toxic Air Pollutant)	EUxx SEPS Diesel Generator 2A Emissions (lbs.)	EUxx SEPS Diesel Generator 2B Emissions (lbs.)	Reference
71-43-2	**Benzene**	2.1892485	2.2048746	(Note 6)
108-88-3	**Toluene**	0.7929075	0.798567	(Note 6)
1330-20-7	**Xylenes**	0.543708	0.5475888	(Note 6)
115-07-1	Propylene	7.871409	7.9275924	(Note 6)
50-0-0	**Formaldehyde**	0.222426	0.2240136	(Note 6)
75-07-0	**Acetaldehyde**	0.0720825	0.072597	(Note 6)
107-02-8	**Acrolein**	0.0226545	0.0228162	(Note 6)
	PAH (Total) -	0.597255	0.601518	(Note 7)
91-20-3	**Naphthalene**	0.36679695	0.36941502	(Note 7)
208-96-8	Acenaphthylene	0.026042378	0.026228259	(Note 7)
83-32-9	Acenaphthene	0.013201395	0.013295622	(Note 7)
86-73-7	Fluorene	0.036115392	0.036373171	(Note 7)
85-01-8	**Phenanthrene**	0.115117812	0.115939483	(Note 7)
120-12-7	Anthracene	0.003470258	0.003495027	(Note 7)
206-44-0	Fluoranthene	0.0113705	0.011451658	(Note 7)
129-00-0	**Pyrene**	0.010468439	0.010543159	(Note 7)
56-55-3	**Benz(a)anthracene**	0.001754694	0.001767218	(Note 7)
218-01-9	**Chrysene**	0.004316712	0.004347523	(Note 7)
205-99-2	**Benzo(b)fluoranthene**	0.0031325	0.003154858	(Note 7)
207-08-9	Benzo(k)fluoranthene	0.000615791	0.000620186	(Note 7)
50-32-8	**Benzo(a)pyrene**	0.000724944	0.000730118	(Note 7)
193-39-5	Indeno(1,2,3-cd)pyrene	0.001167737	0.001176071	(Note 7)
53-73-3	Dibenz(a,h)anthracene	0.000976203	0.000983171	(Note 7)
191-24-2	Benzo(g,h,l)perylene	0.001569339	0.00158054	(Note 7)
	Total	**4.34533905**	**4.37635458**	

Notes:				
1. Based on a diesel fuel heating value of .137 MMBtu/gal. and the following emission factors for trace elements, as presented				
in AP-42 Table 1.3-10, dated 9/98:				
	As	4 lb/10^{12} Btu		
	Be	3 lb/10^{12} Btu		
	Cd	3 lb/10^{12} Btu		
	Cr	3 lb/10^{12} Btu		
	Cu	6 lb/10^{12} Btu		
	Pb	9 lb/10^{12} Btu		
	Mn	6 lb/10^{12} Btu		
	Hg	3 lb/10^{12} Btu		
	Ni	3 lb/10^{12} Btu		
	Co	ND		
	Sb	ND		
	Se	15 lb/10^{12} Btu		
	Zn	4 lb/10^{12} Btu		
2. Based on emission factor for N_2O of .11 lb/10^3 gal for distillate fuel combustion in industrial boilers as specified in Table 1.3-8				
of AP-42, dated 9/98.				
3. Based on emission factor for POM of .0033 lb/10^3 gal for distillate fuel combustion in industrial boilers as specified in				
Table 1.3-8 of AP-42, dated 9/98.				
4. Based on emission factor for formaldehyde of .048 lb/10^3 gal for distillate fuel combustion in industrial boilers, based on the				
mean range of .035-.061 lb/103 gal specified in Table 1.3-8 of AP-42, dated 9/98.				
5. Based on emission factor of 5.00E-05 lb/MMBtu for distillate fuel combustion in industrial boilers and a diesel fuel heating				
value of .137 MMBtu/gal. The 16-PAH factor includes:				
	Benzo(a)pyrene	<5.96E-09	lb/MMBtu	
	Fluoranthene	<1.91E-08	lb/MMBtu	
	Naphthalene	<5.00E-05	lb/MMBtu	
	Pyrene	<1.79E-08	lb/MMBtu	
6. Based on a diesel fuel heating value of .137 MMBtu/gal and the following hazardous air pollutant emission factors for				
large diesel engines, as presented in AP-42 Table 3.4-3, dated 10/96:				
	Benzene	7.76E-04 lb/MMBtu		
	Toluene	2.81E-04 lb/MMBtu		
	Xylenes	1.93E-04 lb/MMBtu		
	Propylene	2.79E-03 lb/MMBtu		
	Formaldehyde	7.89E-05 lb/MMBtu		
	Acetaldehyde	2.52E-05 lb/MMBtu		
	Acrolein	7.88E-06 lb/MMBtu		

Notes: (continued)		
7. Based on a diesel fuel heating value of .137 MMBtu/gal. and an emission factor of 2.12E-04 lb/MMBtu for total polycyclic aromatic hydrocarbons for large diesel engines, as presented in AP-42 Table 3.4-4 dated 10/96. Emission factors for hydrocarbons in this category are:		
	Naphthalene	1.30E-04 lb/MMBtu
	Acenaphthylene	9.23E-06 lb/MMBtu
	Acenaphthene	4.68E-06 lb/MMBtu
	Fluorene	1.28E-05 lb/MMBtu
	Phenanthrene	4.08E-05 lb/MMBtu
	Anthracene	1.23E-06 lb/MMBtu
	Fluoranthene	4.03E-06 lb/MMBtu
	Pyrene	3.71E-06 lb/MMBtu
	Benz(a)anthracene	6.22E-07 lb/MMBtu
	Chrysene	1.53E-06 lb/MMBtu
	Benzo(b)fluoranthene	1.11E-06 lb/MMBtu
	Benzo(k)fluoranthene	<2.18E-07 lb/MMBtu
	Benzo(a)pyrene	<2.57E-07 lb/MMBtu
	Indeno(1,2,3-cd)pyrene	<4.14E-07 lb/MMBtu
	Dibenz(a,h)anthracene	<3.46E-07 lb/MMBtu
	Benzo(g,h,i)perylene	<5.56E-07 lb/MMBtu
8. Based on a diesel fuel heating value of .137 MMBtu/gal. and an emission factor of .07 lb/MMBtu for aldehydes for uncontrolled diesel industrial engines, as presented in AP-42 Table 3.3-1, dated 10/96.		
9. Based on a diesel fuel heating value of .137 MMBtu/gal and emission factors for speciated organic compounds from uncontrolled diesel engines as presented in AP-42 Table 3.3-2, dated 10/96.		
10. Summation of Speciated Air Pollutants from all sources (tons) =		0.04

May 22, 2009

SBK-L-09120

General State Permit
GSP-EG-225

State of New Hampshire
Department of Environmental Services
Air Resources Division
29 Hazen Drive, P.O. Box 95
Concord, NH 03302-0095
ATTN: Emissions Inventory

Seabrook Station
2008 Emissions Report, NOx Report and Emissions-Based Fee Payment

NextEra Energy Seabrook, LLC (NextEra Energy Seabrook) has provided herein emissions data for 2008 for the Diesel Generator addressed in the General State Permit, GSP-EG-225 issued June 13, 2008. The diesel generator is located at our Emergency Operating Facility in Newington, NH.

- Emissions data is provided on Air Resources Division Emissions Inventory Form INV-E1, per the requirements of Env-A 907.
- NOx and SO2 emission data is provided on Emissions Inventory Form INV-A, per the requirements of Env-A 909.
- Speciation Summary data for individual regulated air pollutants per the requirements of Env-A 907.01(b)(4) is provided for the EOF diesel generator.
- Operating logs for the diesel generator are maintained at the Emergency Operating Facility located in Newington, NH. Operating hour limitations for the emergency generator were complied with. The emergency generator is routinely tested during the year to verify operability.

NextEra Energy Seabrook has enclosed the emission-based fee for calendar year 2008. This fee is remitted per Env-A 700 and the facility Title V Operating Permit (TV-OP-017).

The enclosed check in the amount of $ 125.85 is based on the one-ton minimum fee for emissions of 0.01 tons during reporting year 2008 at the rate of $ 125.85 per ton.

Should you require additional information, please contact Mrs. Sabre Hyland, Engineering Analyst, at (603) 773-7795.

Sincerely,

NextEra Energy Seabrook, LLC

Michael O'Keefe
Licensing Manager

CERTIFICATION OF ACCURACY STATEMENT

"I am authorized to make this submission on behalf of the facility for which the submission is made. Based on information and belief formed after reasonable inquiry, I certify that the statements and information in the enclosed documents are to the best of my knowledge and belief true, accurate and complete. I am aware that there are significant penalties for submitting false statements and information or omitting required statements and information, including the possibility of imprisonment."

NextEra Energy Seabrook, LLC

Michael O'Keefe
Licensing Manager

ENCLOSURE TO SBK-L-09120

Reporting Year 2008

EMISSIONS INVENTORY FORM INV-E1

Source name:	Physical Address: NextEra Energy Seabrook LLC	Mailing Address: NextEra Energy Seabrook LLC
NextEra Energy Seabrook, LLC	626 LAFAYETTE ROAD	P. O. BOX 300
	SEABROOK, NH 03874	SEABROOK, NH 03874

Device name: (EOF) Emergency Diesel John Deere 6081AF001 | Permit Number if applicable: GSP-EG-225

SIC Code (Standard Industrial Classification): 4911 | SCC Code (Source Classification Codes): 2-02-001-02

Pollutant		Fuel used			Emission Factor(EMF)			Quantity emitted	
		SCC Code	Quantity	(units)	EMF	(units)	Source	(lbs/yr)	(tons/yr)
Total Suspended Particulates TSP	Prim.	2-02-001-02	37.3	gallons	42.47	lb/kgal	AP-42 Table 3.3-1[1]	1.58	0.00
	Sec.						dated 10/96.		
	Tert.								
	Quat.								
Sulfur Dioxide SO2	Prim.	2-02-001-02	37.3	gallons	39.73	lb/kgal	AP-42 Table 3.3-1	1.48	0.00
(If you completed Form Inv-A, you may	Sec.						dated 10/96.		
complete the last column only)	Tert.								
	Quat.								
Nitrogen Oxides NOx	Prim.	2-02-001-02	37.3	gallons	604	lb/kgal	AP-42 Table 3.3-1	22.53	0.01
(If you completed Form Inv-A you may	Sec.						dated 10/96.		
complete the last column only)	Tert.								
	Quat.								
Carbon Monoxide CO	Prim.	2-02-001-02	37.3	gallons	130.15	lb/kgal	AP-42 Table 3.3-1	4.85	0.00
	Sec.						dated 10/96.		
	Tert.								
	Quat.								
Non-Methane VOC	Prim.	2-02-001-02	37.3	gallons	49.32	lb/kgal	AP-42 Table 3.3-1[2]	1.84	0.00
Volatile Organic Compounds	Sec.						dated 10/96.		
	Tert.								
	Quat.								

Comments: Note 1: Based on cumulative particulate sizes up to and including PM-10.
Note 2: Based on an emission factor for non-methane total organic compounds.

Certification: These records are true and accurate to the best of my knowledge: [signature] Licensing Manager 5/11/09

Emission quantity reporting form Signature Title Date

Reporting Year 2008

EMISSIONS INVENTORY FORM INV-A

Source name:	Physical Address:	Mailing Address:
NextEra Energy Seabrook, LLC	NextEra Energy Seabrook, LLC 626 LAFAYETTE ROAD SEABROOK, NH 03874	NextEra Energy Seabrook, LLC P. O. BOX 300 SEABROOK, NH 03874

Device name: (EOF) Emergency Generator John Deere

Permit Number if applicable: GSP-EG-225

Ozone Season Operating Schedule (May 1 thru September 30)

Days/week: Weeks/Season: Days/Season:

Month	Fuel used	Fuel type	Wt % Sulfur	Actual Fuel Used	Units	MMBTUs	Emission Factor Units lb/kgal SO2	Emission Factor Units lb/kgal NOx	SO2 (lbs)	NOx (lbs)	Ozone Daily NOx Emissions (lbs/day)
Jan.	Primary	No. 2 Diesel	< 0.4	0.0	gallons	1.1	39.73	604	0.00	0.00	
	Secondary										
Feb.	Primary	No. 2 Diesel	< 0.4	0.0	gallons	1.1	39.73	604	0.00	0.00	
	Secondary										
Mar.	Primary	No. 2 Diesel	< 0.4	12.0	gallons	1.1	39.73	604	0.48	7.22	
	Secondary										
Apr.	Primary	No. 2 Diesel	< 0.4	0.0	gallons	1.1	39.73	604	0.00	0.00	
	Secondary										
May	Primary	No. 2 Diesel	< 0.4	1.7	gallons	1.1	39.73	604	0.07	1.01	0.03
	Secondary										
June	Primary	No. 2 Diesel	< 0.4	8.4	gallons	1.1	39.73	604	0.33	5.04	0.17
	Secondary										
July	Primary	No. 2 Diesel	< 0.4	0.0	gallons	1.1	39.73	604	0.00	0.00	0.00
	Secondary										
Aug.	Primary	No. 2 Diesel	< 0.4	0.0	gallons	1.1	39.73	604	0.00	0.00	0.00
	Secondary										
Sep.	Primary	No. 2 Diesel	< 0.4	0.0	gallons	1.1	39.73	604	0.00	0.00	0.00
	Secondary										
Oct.	Primary	No. 2 Diesel	< 0.4	7.0	gallons	1.1	39.73	604	0.28	4.20	
	Secondary										
Nov.	Primary	No. 2 Diesel	< 0.4	0.0	gallons	1.1	39.73	604	0.00	0.00	
	Secondary										
Dec.	Primary	No. 2 Diesel	< 0.4	8.4	gallons	1.1	39.73	604	0.33	5.04	
	Secondary										
Year (total)	Primary	No. 2 Diesel	< 0.4	37.3	gallons	1.1	39.73	604	1.48	22.52	
	Secondary										
	Tertiary										
						Tons SO2 and NOx:			0.00	0.01	

Comments:

Certification: These records are true and accurate to the best of my knowledge: Signature 5/11/09 Date

Monthly fuel use reporting form

Speciation Summary
Year 2008

CAS Number	Speciated Air Pollutant (Bold type indicates NH Regulated Toxic Air Pollutant)	EOF Emergency Generator Emissions (lbs.)	Reference
	Aldehydes	0.357707	(Note 8)
71-43-2	**Benzene**	0.004767723	(Note 9)
108-88-3	**Toluene**	0.002090031	(Note 9)
1330-20-7	**Xylenes**	0.001456379	(Note 9)
115-07-1	Propylene	0.013184058	(Note 9)
106-99-0	**1,3-Butadiene**	0.000199805	(Note 9)
50-0-0	**Formaldehyde**	0.006029918	(Note 9)
75-07-0	**Acetaldehyde**	0.003919447	(Note 9)
107-02-8	**Acrolein**	0.000472684	(Note 9)
	PAH (Total) -	0.000858497	(Note 9)
91-20-3	**Naphthalene**	0.000433336	(Note 9)
208-96-8	Acenaphthylene	2.58571E-05	(Note 9)
83-32-9	Acenaphthene	7.25634E-06	(Note 9)
86-73-7	Fluorene	0.000149215	(Note 9)
85-01-8	**Phenanthrene**	0.000150237	(Note 9)
120-12-7	Anthracene	9.55589E-06	(Note 9)
206-44-0	Fluoranthene	3.88879E-05	(Note 9)
129-00-0	**Pyrene**	2.44263E-05	(Note 9)
56-55-3	**Benz(a)anthracene**	8.58497E-06	(Note 9)
218-01-9	**Chrysene**	1.80387E-06	(Note 9)
205-99-2	**Benzo(b)fluoranthene**	5.06385E-07	(Note 9)
207-08-9	Benzo(k)fluoranthene	7.92066E-07	(Note 9)
50-32-8	**Benzo(a)pyrene**	9.60699E-07	(Note 9)
193-39-5	Indeno(1,2,3-cd)pyrene	1.91629E-06	(Note 9)
53-73-3	Dibenz(a,h)anthracene	2.97919E-06	(Note 9)
191-24-2	Benzo(g,h,i)perylene	0	(Note 9)
	Total	**0.019555842**	

Speciation Summary
Year 2008

Notes:

1. Based on a diesel fuel heating value of .137 MMBtu/gal. and the following emission factors for trace elements, as presented in AP-42 Table 1.3-10, dated 9/98:

As	4 lb/10^{12} Btu
Be	3 lb/10^{12} Btu
Cd	3 lb/10^{12} Btu
Cr	3 lb/10^{12} Btu
Cu	6 lb/10^{12} Btu
Pb	9 lb/10^{12} Btu
Mn	6 lb/10^{12} Btu
Hg	3 lb/10^{12} Btu
Ni	3 lb/10^{12} Btu
Co	ND
Sb	ND
Se	15 lb/10^{12} Btu
Zn	4 lb/10^{12} Btu

2. Based on emission factor for N_2O of .11 lb/10^3 gal for distillate fuel combustion in industrial boilers as specified in Table 1.3-8 of AP-42, dated 9/98.

3. Based on emission factor for POM of .0033 lb/10^3 gal for distillate fuel combustion in industrial boilers as specified in Table 1.3-8 of AP-42, dated 9/98.

4. Based on emission factor for formaldehyde of .048 lb/10^3 gal for distillate fuel combustion in industrial boilers, based on the mean range of .035-.061 lb/103 gal specified in Table 1.3-8 of AP-42, dated 9/98.

5. Based on emission factor of 5.00E-05 lb/MMBtu for distillate fuel combustion in industrial boilers and a diesel fuel heating value of .137 MMBtu/gal. The 16-PAH factor includes:

Benzo(a)pyrene	<5.96E-09	lb/MMBtu
Fluoranthene	<1.91E-08	lb/MMBtu
Naphthalene	<5.00E-05	lb/MMBtu
Pyrene	<1.79E-08	lb/MMBtu

6. Based on a diesel fuel heating value of .137 MMBtu/gal and the following hazardous air pollutant emission factors for large diesel engines, as presented in AP-42 Table 3.4-3, dated 10/96:

Benzene	7.76E-04 lb/MMBtu
Toluene	2.81E-04 lb/MMBtu
Xylenes	1.93E-04 lb/MMBtu
Propylene	2.79E-03 lb/MMBtu
Formaldehyde	7.89E-05 lb/MMBtu
Acetaldehyde	2.52E-05 lb/MMBtu
Acrolein	7.88E-06 lb/MMBtu

Speciation Summary
Year 2008

Notes: (continued)

7. Based on a diesel fuel heating value of .137 MMBtu/gal. and an emission factor of 2.12E-04 lb/MMBtu for total polycyclic aromatic hydrocarbons for large diesel engines, as presented in AP-42 Table 3.4-4 dated 10/96. Emission factors for hydrocarbons in this category are:

Naphthalene	1.30E-04 lb/MMBtu
Acenaphthylene	9.23E-06 lb/MMBtu
Acenaphthene	4.68E-06 lb/MMBtu
Fluorene	1.28E-05 lb/MMBtu
Phenanthrene	4.08E-05 lb/MMBtu
Anthracene	1.23E-06 lb/MMBtu
Fluoranthene	4.03E-06 lb/MMBtu
Pyrene	3.71E-06 lb/MMBtu
Benz(a)anthracene	6.22E-07 lb/MMBtu
Chrysene	1.53E-06 lb/MMBtu
Benzo(b)fluoranthene	1.11E-06 lb/MMBtu
Benzo(k)fluoranthene	<2.18E-07 lb/MMBtu
Benzo(a)pyrene	<2.57E-07 lb/MMBtu
Indeno(1,2,3-cd)pyrene	<4.14E-07 lb/MMBtu
Dibenz(a,h)anthracene	<3.46E-07 lb/MMBtu
Benzo(g,h,I)perylene	<5.56E-07 lb/MMBtu

8. Based on a diesel fuel heating value of .137 MMBtu/gal. and an emission factor of .07 lb/MMBtu for aldehydes for uncontrolled diesel industrial engines, as presented in AP-42 Table 3.3-1, dated 10/96.

9. Based on a diesel fuel heating value of .137 MMBtu/gal and emission factors for speciated organic compounds from uncontrolled diesel engines as presented in AP-42 Table 3.3-2, dated 10/96.

10. Summation of Speciated Air Pollutants from all sources (tons) = #REF!

April 13, 2010

SBK-L-10058

General State Permit
GSP-EG-225

State of New Hampshire
Department of Environmental Services
Air Resources Division
29 Hazen Drive, P.O. Box 95
Concord, NH 03302-0095
ATTN: Compliance Bureau

Seabrook Station
2009 Emissions Report, NOx Report and Emissions-Based Fee Payment

NextEra Energy Seabrook, LLC (NextEra Energy Seabrook) has provided herein emissions data for 2009 for the Diesel Generator addressed in the General State Permit, GSP-EG-225 issued June 13, 2008. The diesel generator is located at our Emergency Operating Facility in Newington, NH.

- Emissions data is provided on Air Resources Division Emissions Inventory Form INV-E1, per the requirements of Env-A 907.
- NOx and SO2 emission data is provided on Emissions Inventory Form INV-A, per the requirements of Env-A 909.
- Speciation Summary data for individual regulated air pollutants per the requirements of Env-A 907.01(b)(4) is provided for the EOF diesel generator.
- Operating logs for the diesel generator are maintained at the Emergency Operating Facility located in Newington, NH. Operating hour limitations for the emergency generator were complied with. The emergency generator is routinely tested during the year to verify operability.

NextEra Energy Seabrook has enclosed the emission-based fee for calendar year 2009. This fee is remitted per Env-A 700 and the facility Title V Operating Permit (TV-OP-017).

The enclosed check in the amount of $ 136.15 is based on the one-ton minimum fee. Estimated 2009 emissions are 0.68 tons.

Should you require additional information, please contact Ms. Sabre Gagnon, Engineering Analyst, at (603) 773-7795.

Sincerely,

NextEra Energy Seabrook, LLC

Michael O'Keefe
Licensing Manager

CERTIFICATION OF ACCURACY STATEMENT

"I am authorized to make this submission on behalf of the facility for which the submission is made. Based on information and belief formed after reasonable inquiry, I certify that the statements and information in the enclosed documents are to the best of my knowledge and belief true, accurate and complete. I am aware that there are significant penalties for submitting false statements and information or omitting required statements and information, including the possibility of imprisonment."

NextEra Energy Seabrook, LLC

Michael O'Keefe
Licensing Manager

ENCLOSURE TO SBK-L-10058

Reporting Year 2009

EMISSIONS INVENTORY FORM INV-E1

Source name: NextEra Energy Seabrook, LLC	Physical Address: NextEra Energy Seabrook LLC 626 LAFAYETTE ROAD SEABROOK, NH 03874	Mailing Address: NextEra Energy Seabrook LLC P. O. BOX 300 SEABROOK, NH 03874

Device name: (EOF) Emergency Diesel Kohler 230REOZJB

Permit Number if applicable: GSP-EG-225

SIC Code (Standard Industrial Classification): 4911

SCC Code (Source Classification Codes): 2-02-001-02

Pollutant		Fuel used				Emission Factor(EMF)			Quantity emitted	
			SCC Code	Quantity	(units)	EMF	(units)	Source	(lbs/yr)	(tons/yr)
Total Suspended Particulates	TSP	Prim.	2-02-001-02	1,579.0	gallons	42.47	lb/kgal	AP-42 Table 3.3-1[1]	67.06	0.03
		Sec.						dated 10/96.		
		Tert.								
		Quat.								
Sulfur Dioxide	SO2	Prim.	2-02-001-02	1,579.0	gallons	39.73	lb/kgal	AP-42 Table 3.3-1	62.73	0.03
(If you completed Form Inv-A, you may		Sec.						dated 10/96.		
complete the last column only)		Tert.								
		Quat.								
Nitrogen Oxides	NOx	Prim.	2-02-001-02	1,579.0	gallons	604	lb/kgal	AP-42 Table 3.3-1	953.72	0.48
(If you completed Form Inv-A you may		Sec.						dated 10/96.		
complete the last column only)		Tert.								
		Quat.								
Carbon Monoxide	CO	Prim.	2-02-001-02	1,579.0	gallons	130.15	lb/kgal	AP-42 Table 3.3-1	205.51	0.10
		Sec.						dated 10/96.		
		Tert.								
		Quat.								
Non-Methane	VOC	Prim.	2-02-001-02	1,579.0	gallons	49.32	lb/kgal	AP-42 Table 3.3-1[2]	77.88	0.04
Volatile Organic Compounds		Sec.						dated 10/96.		
		Tert.								
		Quat.								

Comments: Note 1: Based on cumulative particulate sizes up to and including PM-10.
Note 2: Based on an emission factor for non-methane total organic compounds.

Certification: These records are true and accurate to the best of my knowledge: [signature] Licensing Manager 3/26/2010

Emission quantity reporting form Signature Title Date

Reporting Year 2009

EMISSIONS INVENTORY FORM INV-A

Source name:	Physical Address:	NextEra Energy Seabrook, LLC	Mailing Address: NextEra Energy Seabrook, LLC
NextEra Energy Seabrook, LLC		626 LAFAYETTE ROAD	P. O. BOX 300
		SEABROOK, NH 03874	SEABROOK, NH 03874

Device name: (EOF) Emergency Generator Kohler 230REOZJB

Permit Number if applicable: GSP-EG-225

Ozone Season Operating Schedule (May 1 thru September 30)

Days/week: Weeks/Season: Days/Season:

Month	Fuel used	Fuel type	Wt % Sulfur	Actual Fuel Used	Units	MMBTUs	Emission Factor Units SO2	Emission Factor Units NOx (lb/kgal)	SO2 (lbs)	NOx (lbs)	Ozone Daily NOx Emissions (lbs/day)
Jan.	Primary	No. 2 Diesel	< 0.4	0.0	gallons	1.1	39.73	604	0.00	0.00	
	Secondary										
Feb.	Primary	No. 2 Diesel	< 0.4	0.0	gallons	1.1	39.73	604	0.00	0.00	
	Secondary										
Mar.	Primary	No. 2 Diesel	< 0.4	8.4	gallons	1.1	39.73	604	0.33	5.04	
	Secondary										
Apr.	Primary	No. 2 Diesel	< 0.4	0.0	gallons	1.1	39.73	604	0.00	0.00	
	Secondary										
May	Primary	No. 2 Diesel	< 0.4	0.0	gallons	1.1	39.73	604	0.00	0.00	0.00
	Secondary										
June	Primary	No. 2 Diesel	< 0.4	26.0	gallons	1.1	39.73	604	1.03	15.70	0.52
	Secondary										
July	Primary	No. 2 Diesel	< 0.4	0.0	gallons	1.1	39.73	604	0.00	0.00	0.00
	Secondary										
Aug.	Primary	No. 2 Diesel	< 0.4	2.0	gallons	1.1	39.73	604	0.08	1.21	0.04
	Secondary										
Sep.	Primary	No. 2 Diesel	< 0.4	2.0	gallons	1.1	39.73	604	0.08	1.21	0.04
	Secondary										
Oct.	Primary	No. 2 Diesel	< 0.4	1,536.0	gallons	1.1	39.73	604	61.03	927.74	
	Secondary										
Nov.	Primary	No. 2 Diesel	< 0.4	0.0	gallons	1.1	39.73	604	0.00	0.00	
	Secondary										
Dec.	Primary	No. 2 Diesel	< 0.4	4.2	gallons	1.1	39.73	604	0.17	2.52	
	Secondary										
Year (total)	Primary	No. 2 Diesel	< 0.4	1,579.0	gallons	1.1	39.73	604	62.71	953.43	
	Secondary										
	Tertiary										
						Tons SO2 and NOx:			0.03	0.48	

Comments:

Certification: These records are true and accurate to the best of my knowledge: Michael O'Hufe 3/26/2010

Signature Date

Monthly fuel use reporting form

Speciation Summary
Year 2009

CAS Number	Speciated Air Pollutant (Bold type indicates NH Regulated Toxic Air Pollutant)	EOF Emergency Generator Emissions (lbs.)	Reference
	Aldehydes	15.14261	(Note 8)
71-43-2	**Benzene**	0.201829359	(Note 9)
108-88-3	**Toluene**	0.088476107	(Note 9)
1330-20-7	**Xylenes**	0.061652055	(Note 9)
115-07-1	Propylene	0.55811334	(Note 9)
106-99-0	**1,3-Butadiene**	0.008458229	(Note 9)
50-0-0	**Formaldehyde**	0.25526114	(Note 9)
75-07-0	**Acetaldehyde**	0.165919741	(Note 9)
107-02-8	**Acrolein**	0.020009878	(Note 9)
	PAH (Total) -	0.036342264	(Note 9)
91-20-3	**Naphthalene**	0.01834419	(Note 9)
208-96-8	Acenaphthylene	0.001094594	(Note 9)
83-32-9	Acenaphthene	0.000307179	(Note 9)
86-73-7	Fluorene	0.006316632	(Note 9)
85-01-8	**Phenanthrene**	0.006359896	(Note 9)
120-12-7	Anthracene	0.000404524	(Note 9)
206-44-0	Fluoranthene	0.001646218	(Note 9)
129-00-0	**Pyrene**	0.001034024	(Note 9)
56-55-3	**Benz(a)anthracene**	0.000363423	(Note 9)
218-01-9	**Chrysene**	7.6362E-05	(Note 9)
205-99-2	**Benzo(b)fluoranthene**	2.14365E-05	(Note 9)
207-08-9	Benzo(k)fluoranthene	3.35301E-05	(Note 9)
50-32-8	**Benzo(a)pyrene**	4.06687E-05	(Note 9)
193-39-5	Indeno(1,2,3-cd)pyrene	8.11211E-05	(Note 9)
53-73-3	Dibenz(a,h)anthracene	0.000126116	(Note 9)
191-24-2	Benzo(g,h,I)perylene	0	(Note 9)
	Total	**0.827846509**	