

RA09-031

10 CFR 50.36a

April 17, 2009

U. S. Nuclear Regulatory Commission
Attention: Document Control Desk
Washington, D.C. 20555

LaSalle County Station, Units 1 and 2
Facility Operating License Nos. NPF-11 and NPF-18
NRC Docket Nos. 50-373 and 50-374

Subject: 2008 Annual Radioactive Effluent Release Report

Enclosed is the Exelon Generation Company, LLC, 2008 Annual Radioactive Effluent Release Report for LaSalle County Station, submitted in accordance with 10 CFR 50.36a, "Technical specifications on effluents from nuclear power reactors," paragraph (a)(2), and Technical Specification 5.6.3, "Radioactive Effluent Release Report."

Should you have any questions concerning this letter, please contact Mr. Terrence Simpkin, Regulatory Assurance Manager, at (815) 415-2800.

Respectfully,



David B. Wozniak
Site Vice President
LaSalle County Station

Attachment: 2008 Effluent and Waste Disposal Annual Report

cc: Regional Administrator - NRC Region III
NRC Senior Resident Inspector - LaSalle County Station

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EFFLUENT AND WASTE DISPOSAL ANNUAL REPORT (2008)

Supplemental Information

1. Regulatory Limits

a. Gaseous Effluents

- 1) The air dose due to noble gases released in gaseous effluents, from each reactor unit, from the site shall be limited to the following:
 - a) During any calendar quarter: Less than or equal to 5 mrad for gamma radiation and less than or equal to 10 mrad for beta radiation, and
 - b) During any calendar year: Less than or equal to 10 mrad for gamma radiation and less than or equal to 20 mrad for beta radiation.
- 2) The dose to an individual from radioiodines and radioactive materials in particulate form, and radionuclides, other than noble gases, with half-lives greater than eight days in gaseous effluents released, from each reactor unit, from the site shall be limited to the following:
 - a) During any calendar quarter: Less than or equal to 7.5 mRem to any organ, and
 - b) During any calendar year: Less than or equal to 15 mRem to any organ.

b. Liquid Effluents

- 1) The dose or dose commitment to an individual from radioactive materials in liquid effluents released, from each reactor unit, from the site shall be limited:
 - a) During any calendar quarter: Less than or equal to 1.5 mRem to the total body and to less than or equal to 5 mRem to any organ, and
 - b) During any calendar year: Less than or equal to 3 mRem to the total body and to less than or equal to 10 mRem to any organ.

c. Total Dose

- 1) The dose or dose commitment to any member of the public, due to releases or radioactivity and radiation, from uranium fuel cycle sources shall be limited to less than or equal to 25 mRem to the body or any organ (except the thyroid, which shall be limited to less than or equal to 75 mRem) over 12 consecutive months.

2. Allowable Concentrations

a. Gaseous Effluents

- 1) The dose rate due to radioactive materials released in gaseous effluents from the site shall be limited to the following:
 - a) For noble gases: Less than or equal to 500 mRem/year to the total body and less than or equal to 3000 mRem/year to the skin, and
 - b) For all radioiodines and for all radioactive materials in particulate form, and radionuclides, other than noble gases, with half-lives greater than eight days: Less than or equal to 1500 mRem/year to any organ via the inhalation pathway.

b. Liquid Effluents

EFFLUENT AND WASTE DISPOSAL ANNUAL REPORT (2008)

Supplemental Information (continued)

- 1) The concentration of radioactive material released from the site shall be limited to ten (10) times the concentrations specified in 10 CFR Part 20, Appendix B, Table II, Column 2 for radionuclides other than dissolved or entrained noble gases. For dissolved or entrained noble gases, the concentration shall be limited to the following:

<u>Nuclide</u>	<u>DWC (μci/ml)</u>
Kr-85m	2.00E-04
Kr-85	5.00E-04
Kr-87	4.00E-05
Kr-88	9.00E-05
Ar-41	7.00E-05
Xe-131m	7.00E-04
Xe-133m	5.00E-04
Xe-133	6.00E-04
Xe-135m	2.00E-04
Xe-135	2.00E-04

3. Average Energy

- 1) Not applicable - average energy is no longer used to determine dose to the public.

4. Measurements and Approximations of Total Radioactivity

a. Gaseous Effluents

- 1) Containment Vent and Purge System is sampled by grab sample, which is analyzed for principal gamma emitters and H-3.
- 2) Main Vent Stack is sampled by grab sample, which is analyzed for principal gamma emitters and H-3.
- 3) Standby Gas Treatment System is sampled by grab sample, which is analyzed for principal gamma emitters.
- 4) All release types as listed in 1 and 2 above are sampled at the vent stack, and those listed in 3 above are sampled at the Standby Gas Treatment System whenever there is flow. These effluents are continuously sampled by charcoal cartridge and particulate filter paper, which are analyzed for iodines and principal gamma emitters. Particulate filter papers are composited and analyzed for gross alpha, Sr-89 and Sr-90. Noble gases, gross beta and gamma are continuously monitored by noble gas monitors for the vent stack and the standby gas treatment system.

b. Liquid Effluents

- 1) Batch waste release tanks are sampled each batch for principal gamma emitters, I-131, dissolved and entrained noble gases, H-3, gross alpha, Sr-89, Sr-90 and Fe-55.
- 2) Continuous releases are sampled continuously in proportion to the rate of flow of the effluent stream and by grab sample. Samples are analyzed for principal gamma emitters, I-131, dissolved and entrained noble gases, H-3, gross alpha, Sr-89, Sr-90 and Fe-55.

5. Batch Releases

a. Gaseous

- 1) Number of batch releases: None
- 2) Total time period for batch releases: N/A
- 3) Maximum time period for a batch release: N/A

EFFLUENT AND WASTE DISPOSAL ANNUAL REPORT (2008)

Supplemental Information (continued)

- 4) Average time period for batch releases: N/A
- 5) Minimum time period for a batch release: N/A

b. Liquid

- 1) Number of batch releases: None
- 2) Total time period for batch releases: Min. N/A
- 3) Maximum time period for a batch release: Min. N/A
- 4) Average time period for batch releases: Min. N/A
- 5) Minimum time period for a batch release: Min. N/A
- 6) Average stream flow during periods of release of effluent into a flowing stream: gpm N/A

6. Abnormal Releases

a. Gaseous

- 1) Number of releases: None
- 2) Total activity released: N/A

b. Liquid

- 1) Number of releases: None
- 2) Total activity released: N/A

7. Process Control Program

In the 2008 period, there were no changes to the Process Control Program (PCP) implementation, processing systems or components. The following procedure changes were implemented as described below.

- a. Revision 6 to RW-AA-100 "Process Control Program for Radioactive Wastes" as per the following summary:

Changed step 4.2.10 for Peach Bottom and Limerick due to Department of Health and Environmental Controls (DHEC) approval for several High Integrity Container (HIC) designs resulting from the acquisition of Nukem and Certificate of Compliance requirements for different disposal sites.

- b. Revision 7 (editorial) to RW-AA-100 "Process Control Program for Radioactive Wastes" as per the following summary:

This revision has been prepared to correct and standardize the use of "shall", "should", "may", and "will" in accordance with AD-AA-101-1002 "Writer's Guide and Process Guide for Procedures and T&RM", moves records retention requirements to section 5, corrects reference at 4.3.1, as well as other format corrections.

- c. Revision 4 to RW-AA-1000 "Radwaste Monthly Report Guideline" as per the following summary:

This revision has been prepared to correct minor format issues, add detail to budget performance indicator, and better define the report distribution.

8. Effluent Monitoring Instrumentation timeclocks and sample anomalies.

EFFLUENT AND WASTE DISPOSAL ANNUAL REPORT (2008)

Supplemental Information (continued)

a. Time clocks:

There were no effluent monitoring time clocks exceeded in 2008.

b. Sample anomalies:

There were no sampling anomalies affecting the measurement of effluents experienced during 2008.

There were two filters pulled from monthly composites to support troubleshooting efforts. The first filter sent for analysis covered the period of 1/16/08 – 1/23/08 and the second filter sent for analysis covered the period of 4/16/08 – 4/22/08. Both incidents were documented in the Corrective Action Program (CAP).

9. Offsite Dose Calculation Manual Revisions.

There were no revisions made to the ODCM in 2008.

LASALLE COUNTY NUCLEAR POWER STATION
 EFFLUENT AND WASTE DISPOSAL ANNUAL REPORT (2008)
 UNITS ONE AND TWO
 DOCKET NUMBERS 50-373 AND 50-374
 GASEOUS EFFLUENTS-SUMMATION OF ALL RELEASES

Units	1st Qtr	2nd Qtr	3rd Qtr	4 th Qtr	Estimated Total Error %
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A. Fission and Activation Gas Releases

1. Total Release Activity	Ci	3.66E+02	3.18E+02	2.08E+02	6.90E+02	2.50E+01
2. Average Release Rate	uCi/sec	4.66E+01	4.04E+01	2.62E+01	8.68E+01	
3. Percent of Technical Specification Limit	%	*	*	*	*	

B. Iodine Releases

1. Total I-131 Activity	Ci	1.19E-02	5.94E-03	1.49E-02	1.37E-02	1.50E+01
2. Average Release Rate	uCi/sec	1.51E-03	7.55E-04	1.87E-03	1.73E-03	
3. Percent of Technical Specification Limit	%	*	*	*	*	

C. Particulate (> 8 day half-life) Releases

1. Gross Activity	Ci	9.16E-04	7.75E-04	3.79E-04	2.62E-03	3.50E+01
2. Average Release Rate	uCi/sec	1.17E-04	9.85E-05	4.76E-05	3.30E-04	
3. Percent of Technical Specification Limit	%	*	*	*	*	
3. Gross Alpha Activity	Ci	<1.00E-11	<1.00E-11	<1.00E-11	<1.00E-11	

D. Tritium Releases

1. Total Release Activity	Ci	2.03E+01	1.11E+01	9.26E+00	1.77E+01	1.50E+01
2. Average Release Rate	uCi/sec	2.59E+00	1.41E+00	1.16E+00	2.23E+00	
3. Percent of Technical Specification Limit	%	*	*	*	*	

"*" This information is contained in the Radiological Impact on Man section of the report.

"<" Indicates activity of sample is less than LLD given in uCi/ml

LASALLE COUNTY NUCLEAR POWER STATION
 EFFLUENT AND WASTE DISPOSAL ANNUAL REPORT (2008)
 GASEOUS EFFLUENTS-ELEVATED RELEASE
 Unit 1 and Unit 2 Continuous Mode

Units	1 st Qtr	2nd Qtr	3 rd Qtr	4th Qtr
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1. Fission and Activation Gas Releases

Ar-41	Ci	<1.00E-04	<1.00E-04	3.16E-04	3.50E-04
Kr-85	Ci	<1.00E-04	<1.00E-04	<1.00E-04	<1.00E-04
Kr-85m	Ci	8.79E+01	1.07E+02	1.02E+02	1.95E+02
Kr-87	Ci	3.25E+00	<1.00E-04	6.89E+00	<1.00E-04
Kr-88	Ci	1.51E+02	1.28E+02	6.91E+01	2.89E+02
Xe-131m	Ci	<1.00E-04	<1.00E-04	<1.00E-04	<1.00E-04
Xe-133	Ci	1.22E+02	8.29E+01	3.02E+01	2.06E+02
Xe-133m	Ci	<1.00E-04	<1.00E-04	<1.00E-04	<1.00E-04
Xe-135	Ci	2.78E+00	<1.00E-04	<1.00E-04	3.96E-03
Xe-135m	Ci	3.84E-05	<1.00E-04	<1.00E-04	<1.00E-04
Xe-138	Ci	<1.00E-04	<1.00E-04	<1.00E-04	<1.00E-04
TOTAL	Ci	3.66E+02	3.18E+02	2.08E+02	6.90E+02

2. Iodine Releases

I-131	Ci	1.19E-02	5.94E-03	1.49E-02	1.37E-02
I-132	Ci	2.08E-03	6.09E-03	1.59E-03	5.95E-03
I-133	Ci	1.68E-02	1.39E-02	1.45E-02	2.26E-02
I-134	Ci	<1.00E-11	<1.00E-11	<1.00E-11	<1.00E-11
I-135	Ci	8.25E-03	3.15E-03	1.78E-03	1.16E-02
TOTAL IODINE	Ci	3.90E-02	2.91E-02	3.28E-02	5.39E-02
TOTAL I-131, I-133, I-135	Ci	3.70E-02	2.30E-02	3.12E-02	4.79E-02

3. Particulate (> 8 day half-life) Releases

Cr-51	Ci	<1.00E-11	<1.00E-11	<1.00E-11	<1.00E-11
Mn-54	Ci	5.95E-06	<1.00E-11	<1.00E-11	1.54E-05
Co-57	Ci	<1.00E-11	<1.00E-11	<1.00E-11	<1.00E-11
Fe-55	Ci	<1.00E-11	<1.00E-11	<1.00E-11	<1.00E-11
Co-58	Ci	<1.00E-11	<1.00E-11	<1.00E-11	<1.00E-11
Fe-59	Ci	<1.00E-11	<1.00E-11	<1.00E-11	<1.00E-11
Co-60	Ci	1.57E-04	1.10E-04	1.57E-04	1.86E-04
Zn-65	Ci	<1.00E-11	<1.00E-11	<1.00E-11	<1.00E-11
Sr-89	Ci	1.86E-04	3.24E-04	<1.00E-11	5.57E-04
Sr-90	Ci	<1.00E-11	<1.00E-11	<1.00E-11	<1.00E-11
Zr-95	Ci	<1.00E-11	<1.00E-11	<1.00E-11	<1.00E-11
Mo-99	Ci	<1.00E-11	<1.00E-11	<1.00E-11	<1.00E-11
Ru-103	Ci	<1.00E-11	<1.00E-11	<1.00E-11	<1.00E-11
Sn-117m	Ci	<1.00E-11	<1.00E-11	<1.00E-11	<1.00E-11
Cs-134	Ci	<1.00E-11	<1.00E-11	<1.00E-11	<1.00E-11
Cs-137	Ci	6.17E-05	<1.00E-11	<1.00E-11	<1.00E-11
Ba\La-140	Ci	5.05E-04	3.41E-04	2.22E-04	1.86E-03
Ce-141	Ci	<1.00E-11	<1.00E-11	<1.00E-11	<1.00E-11
Ce-144	Ci	<1.00E-11	<1.00E-11	<1.00E-11	<1.00E-11
TOTAL PARTICULATES	Ci	9.16E-04	7.75E-04	3.79E-04	2.62E-03

4. Tritium Releases

I. Total Release Activity	Ci	2.03E+01	1.11E+01	9.26E+00	1.77E+01
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"<" Indicates activity of sample is less than LLD given in uCi/ml

LASALLE COUNTY NUCLEAR POWER STATION
 EFFLUENT AND WASTE DISPOSAL ANNUAL REPORT (2008)
 LIQUID RELEASES
 UNIT 1 and UNIT 2
 SUMMATION OF ALL LIQUID RELEASES

Units	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	Estimated Total Error %
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A. Fission and Activation Products

1. Total Activity Released	Ci	<LLD	<LLD	<LLD	<LLD	N/A
2. Average Concentration Released	uCi/ml	<LLD	<LLD	<LLD	<LLD	
3. Percent of Applicable Limit	%	*	*	*	*	

B. Tritium

1. Total Activity Released	Ci	<LLD	<LLD	<LLD	<LLD	N/A
2. Average Concentration Released	uCi/ml	<LLD	<LLD	<LLD	<LLD	
3. Percent of Applicable Limit	%	*	*	*	*	

C. Dissolved Noble Gases

1. Total Activity Released	Ci	<LLD	<LLD	<LLD	<LLD	N/A
2. Average Concentration Released	uCi/ml	<LLD	<LLD	<LLD	<LLD	
3. Percent of Applicable Limit	%	*	*	*	*	

D. Gross Alpha

1. Total Activity Released (estimate)	Ci	<LLD	<LLD	<LLD	<LLD	N/A
2. Average Concentration Released	uCi/ml	<LLD	<LLD	<LLD	<LLD	
3. Percent of Applicable Limit	%	*	*	*	*	

E. Volume of Liquid Waste to Discharge	liters	0.00E+00	0.00E+00	0.00E+00	0.00E+00	N/A
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F. Volume of Dilution Water	liters	0.00E+00	0.00E+00	0.00E+00	0.00E+00	N/A
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"*" This information is contained in the Radiological Impact on Man section of the report.

"<" Indicates activity of sample is less than LLD given in uCi/ml

LASALLE COUNTY NUCLEAR POWER STATION
EFFLUENT AND WASTE DISPOSAL ANNUAL REPORT (2008)

LIQUID RELEASES
UNIT 1 and UNIT 2
BATCH MODE

Nuclides From Batch Releases	Units	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr
H-3	Ci	<LLD	<LLD	<LLD	<LLD
Cr-51	Ci	<LLD	<LLD	<LLD	<LLD
Mn-54	Ci	<LLD	<LLD	<LLD	<LLD
Fe-55	Ci	<LLD	<LLD	<LLD	<LLD
Co-58	Ci	<LLD	<LLD	<LLD	<LLD
Fe-59	Ci	<LLD	<LLD	<LLD	<LLD
Co-60	Ci	<LLD	<LLD	<LLD	<LLD
Zn-65	Ci	<LLD	<LLD	<LLD	<LLD
Sr-89	Ci	<LLD	<LLD	<LLD	<LLD
Sr-90	Ci	<LLD	<LLD	<LLD	<LLD
Nb-95	Ci	<LLD	<LLD	<LLD	<LLD
Zr-95	Ci	<LLD	<LLD	<LLD	<LLD
Mo-99	Ci	<LLD	<LLD	<LLD	<LLD
Tc-99m	Ci	<LLD	<LLD	<LLD	<LLD
Ag-110m	Ci	<LLD	<LLD	<LLD	<LLD
Sb-122	Ci	<LLD	<LLD	<LLD	<LLD
Sb-124	Ci	<LLD	<LLD	<LLD	<LLD
I-131	Ci	<LLD	<LLD	<LLD	<LLD
Cs-134	Ci	<LLD	<LLD	<LLD	<LLD
Cs-137	Ci	<LLD	<LLD	<LLD	<LLD
Ba/La-140	Ci	<LLD	<LLD	<LLD	<LLD
Ce-141	Ci	<LLD	<LLD	<LLD	<LLD
Ce-144	Ci	<LLD	<LLD	<LLD	<LLD
W-187	Ci	<LLD	<LLD	<LLD	<LLD
TOTAL	Ci	None	None	None	None

Xe-131m	Ci	<LLD	<LLD	<LLD	<LLD
Xe-133	Ci	<LLD	<LLD	<LLD	<LLD
Xe-133m	Ci	<LLD	<LLD	<LLD	<LLD
Xe-135	Ci	<LLD	<LLD	<LLD	<LLD
Xe-135m	Ci	<LLD	<LLD	<LLD	<LLD
TOTAL	Ci	None	None	None	None

"<" Indicates activity of sample is less than LLD given in uCi/ml

LASALLE COUNTY NUCLEAR POWER STATION
EFFLUENT AND WASTE DISPOSAL ANNUAL REPORT (2008)
LIQUID RELEASES
UNIT 1 and UNIT 2
CONTINUOUS MODE

Nuclides From Continuous Releases	Units	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr
Gross Alpha	Ci	<1.00E-07	<1.00E-07	<1.00E-07	<1.00E-07
H-3	Ci	<1.00E-05	<1.00E-05	<1.00E-05	<1.00E-05
Cr-51	Ci	<5.00E-07	<5.00E-07	<5.00E-07	<5.00E-07
Mn-54	Ci	<5.00E-07	<5.00E-07	<5.00E-07	<5.00E-07
Fe-55 (Estimate)	Ci	<1.00E-06	<1.00E-06	<1.00E-06	<1.00E-06
Co-58	Ci	<5.00E-07	<5.00E-07	<5.00E-07	<5.00E-07
Fe-59	Ci	<5.00E-07	<5.00E-07	<5.00E-07	<5.00E-07
Co-60	Ci	<5.00E-07	<5.00E-07	<5.00E-07	<5.00E-07
Zn-65	Ci	<5.00E-07	<5.00E-07	<5.00E-07	<5.00E-07
Sr-89 (Estimate)	Ci	<5.00E-08	<5.00E-08	<5.00E-08	<5.00E-08
Sr-90 (Estimate)	Ci	<5.00E-08	<5.00E-08	<5.00E-08	<5.00E-08
Nb-95	Ci	<5.00E-07	<5.00E-07	<5.00E-07	<5.00E-07
Zr-95	Ci	<5.00E-07	<5.00E-07	<5.00E-07	<5.00E-07
Mo-99	Ci	<5.00E-07	<5.00E-07	<5.00E-07	<5.00E-07
Tc-99m	Ci	<5.00E-07	<5.00E-07	<5.00E-07	<5.00E-07
Ag-110m	Ci	<5.00E-07	<5.00E-07	<5.00E-07	<5.00E-07
Sb-122	Ci	<5.00E-07	<5.00E-07	<5.00E-07	<5.00E-07
Sb-124	Ci	<5.00E-07	<5.00E-07	<5.00E-07	<5.00E-07
I-131	Ci	<1.00E-06	<1.00E-06	<1.00E-06	<1.00E-06
Cs-134	Ci	<5.00E-07	<5.00E-07	<5.00E-07	<5.00E-07
Cs-137	Ci	<5.00E-07	<5.00E-07	<5.00E-07	<5.00E-07
BaLa-140	Ci	<5.00E-07	<5.00E-07	<5.00E-07	<5.00E-07
Ce-141	Ci	<5.00E-07	<5.00E-07	<5.00E-07	<5.00E-07
Ce-144	Ci	<5.00E-07	<5.00E-07	<5.00E-07	<5.00E-07
W-187	Ci	<5.00E-07	<5.00E-07	<5.00E-07	<5.00E-07
TOTAL	Ci	<LLD	<LLD	<LLD	<LLD

Xe-131m	Ci	<1.00E-05	<1.00E-05	<1.00E-05	<1.00E-05
Xe-133	Ci	<1.00E-05	<1.00E-05	<1.00E-05	<1.00E-05
Xe-133m	Ci	<1.00E-05	<1.00E-05	<1.00E-05	<1.00E-05
Xe-135	Ci	<1.00E-05	<1.00E-05	<1.00E-05	<1.00E-05
Xe-135m	Ci	<1.00E-05	<1.00E-05	<1.00E-05	<1.00E-05
TOTAL	Ci	<LLD	<LLD	<LLD	<LLD

"<" Indicates activity of sample is less than LLD given in uCi/ml

EFFLUENT AND WASTE DISPOSAL ANNUAL REPORT (2008)

SOLID WASTE AND IRRADIATED FUEL SHIPMENTS

EFFLUENT AND WASTE DISPOSAL ANNUAL REPORT (2008)
 SOLID WASTE AND IRRADIATED FUEL SHIPMENTS
 FIRST QUARTER

A. SOLID WASTE SHIPPED OFFSITE FOR BURIAL OR DISPOSAL

1. Spent resins, filter sludges,
 evaporator bottoms, etc.

a.	Quantity shipped cu.m.		3.91E+00
	b.	Total activity Ci	6.68E+01
	c.	Major nuclides (estimate %)	
		Fe-55	1.00E+01
		Co-60	3.86E+01
		Ni-63	4.40E+01
		Zn-65	1.15E+00
		Sr-90	3.72E+00
		Cs-137	1.73E+00
	d.	Shipment type	LSA, Class A, Class B
	e.	Solidification agent	None

2. Dry compressible waste,
 contaminated equipment, etc.

a.	Quantity shipped cu.m.		5.86E+02
	b.	Total activity Ci	3.24E+00
	c.	Major nuclides (estimate %)	
		Mn-54	6.08E+00
		Fe-55	1.97E+01
		Co-60	7.12E+01
	d.	Shipment type	LSA
	e.	Solidification agent	None

3. Irradiated Components

a.	Quantity shipped cu.m.		0.00E+00
	b.	Total activity Ci	0.00E+00
	c.	Major nuclides (estimate %)	N/A
	d.	Shipment type	N/A
	e.	Solidification agent	N/A

EFFLUENT AND WASTE DISPOSAL ANNUAL REPORT (2008)
 SOLID WASTE AND IRRADIATED FUEL SHIPMENTS
 FIRST QUARTER

4. Other
- a. Quantity shipped cu.m. 2.86E+02
 - b. Total activity Ci 2.78E+00
 - c. Major nuclides (estimate %)

Mn-54	2.66E+00
Fe-55	4.53E+01
Co-60	4.72E+01
Ni-63	1.95E+00
Zn-65	1.29E+00
Cs-137	1.01E+00
 - d. Shipment type Class A
 - e. Solidification agent None
5. Solid Waste Disposition

	<u>Number of Shipments</u>	<u>Transportation Mode</u>	<u>Destination</u>
	3	Truck	Clive Disposal Facility (Bulk)
	7	Truck	Duratek –Gallaher Rd. Facility
	14	Truck	Duratek – Bear Creek Rd. Facility
	1	Truck	Studsvik Processing Facility
TOTAL THIS QUARTER	25		

Estimated total error % for spent resins, filter sludges, evaporator bottoms, etc. (Jan-Mar) 2.50E+01

Estimated total error % for dry compressible waste, contaminated equipment, etc. (Jan-Mar) 2.50E+01

Estimated total error % for irradiated components (Jan-Mar) N/A

B. IRRADIATED FUEL SHIPMENTS

None

EFFLUENT AND WASTE DISPOSAL ANNUAL REPORT (2008)
 SOLID WASTE AND IRRADIATED FUEL SHIPMENTS
 SECOND QUARTER

A. SOLID WASTE SHIPPED OFFSITE FOR BURIAL OR DISPOSAL

1. Spent resins, filter sludges,
 evaporator bottoms, etc.

a. Quantity shipped cu.m. 9.83E+00

b. Total activity Ci 7.37E+02

c. Major nuclides (estimate %)

Mn-54	2.19E+00
Fe-55	3.51E+01
Co-60	5.37E+01
Ni-63	1.57E+00
Zn-65	2.71E+00
Cs-137	3.73E+00

d. Shipment type LSA, Class A

e. Solidification agent None

2. Dry compressible waste,
 contaminated equipment, etc.

a. Quantity shipped cu.m. 5.44E+02

b. Total activity Ci 3.70E-01

c. Major nuclides (estimate %)

Mn-54	6.02E+00
Fe-55	1.96E+01
Co-60	7.08E+01

d. Shipment type LSA

e. Solidification agent None

EFFLUENT AND WASTE DISPOSAL ANNUAL REPORT (2008)
SOLID WASTE AND IRRADIATED FUEL SHIPMENTS
SECOND QUARTER

3. Irradiated Components (CRD Blades, LPRM Strings, SRM's)
- | | | |
|----|-----------------------------|----------|
| a. | Quantity shipped cu.m. | 5.73E+00 |
| b. | Total activity Ci | 7.16E+04 |
| c. | Major nuclides (estimate %) | |
| | Co-60 | 4.89E+01 |
| | Fe-55 | 4.37E+01 |
| | Ni-63 | 3.64E+00 |
| | Mn-54 | 1.98E+00 |
| | Cr-51 | 1.07E+00 |
| d. | Shipment type | Class C |
| e. | Solidification agent | None |

4. Other
- | | | |
|----|-----------------------------|----------|
| a. | Quantity shipped cu.m. | 7.25E+01 |
| b. | Total activity Ci | 1.25E-01 |
| c. | Major nuclides (estimate %) | |
| | Cr-51 | 1.98E+00 |
| | Mn-54 | 3.70E+00 |
| | Fe-55 | 4.00E+01 |
| | Co-60 | 5.04E+01 |
| | Ni-63 | 2.63E+00 |
| d. | Shipment type | Class A |
| e. | Solidification agent | None |

5. Solid Waste Disposition

	<u>Number of Shipments</u>	<u>Transportation Mode</u>	<u>Destination</u>
	8	Truck	Barnwell Disposal Facility
	13	Truck	Duratek - Bear Creek Rd. Facility
	2	Truck	Studsvik Processing Facility
TOTAL THIS QUARTER	23		

Estimated total error % for spent resins, filter sludges, evaporator bottoms, etc. (Apr-Jun) 2.50E+01

Estimated total error % for dry compressible waste, contaminated equipment, etc. (Apr-Jun) 2.50E+01

Estimated total error % for irradiated components (Apr-Jun) 2.50E+01

B. IRRADIATED FUEL SHIPMENTS

None

EFFLUENT AND WASTE DISPOSAL ANNUAL REPORT (2008)
SOLID WASTE AND IRRADIATED FUEL SHIPMENTS
THIRD QUARTER

A. SOLID WASTE SHIPPED OFFSITE FOR BURIAL OR DISPOSAL

1. Spent resins, filter sludges, evaporator bottoms, etc.

a.	Quantity shipped cu.m.		2.53E+00
b.	Total activity	Ci	5.27E+00
c.	Major nuclides (estimate %)		
	Mn-54		6.07E+00
	Fe-55		1.97E+01
	Co-60		7.13E+01
d.	Shipment type		LSA, Class A
e.	Solidification agent		None

2. Dry compressible waste, contaminated equipment, etc.

a.	Quantity shipped cu.m.	5.44E+01	
b.	Total activity	Ci	1.10E-01
c.	Major nuclides (estimate %)		
	Mn-54		6.02E+00
	Fe-55		1.96E+01
	Co-60		7.08E+01
d.	Shipment type		LSA
e.	Solidification agent		None

EFFLUENT AND WASTE DISPOSAL ANNUAL REPORT (2008)
 SOLID WASTE AND IRRADIATED FUEL SHIPMENTS
 THIRD QUARTER

3. Irradiated Components (CRD Blades, LPRM Strings, SRM's)
- | | | |
|----|-----------------------------|----------|
| a. | Quantity shipped cu.m. | 0.00E+00 |
| b. | Total activity Ci | 0.00E+00 |
| c. | Major nuclides (estimate %) | N/A |
| d. | Shipment type | N/A |
| e. | Solidification agent | N/A |

4. Other
- | | | |
|----|-----------------------------|----------|
| a. | Quantity shipped cu.m. | 4.70E+01 |
| b. | Total activity Ci | 9.45E-02 |
| c. | Major nuclides (estimate %) | |
| | H-3 | 9.97E+01 |
| d. | Shipment type | Class A |
| e. | Solidification agent | None |

5. Solid Waste Disposition

	Number of Shipments	Transportation Mode	Destination
	3	Truck	Duratek –Gallaher Rd. Facility
	3	Truck	Duratek – Bear Creek Rd. Facility
TOTAL THIS QUARTER	6		

Estimated total error % for spent resins, filter sludges, evaporator bottoms, etc. (Jul-Sep) 2.50E+01

Estimated total error % for dry compressible waste, contaminated equipment, etc. (Jul-Sep) 2.50E+01

Estimated total error % for irradiated components (Jul-Sep) N/A

B. IRRADIATED FUEL SHIPMENTS

None

EFFLUENT AND WASTE DISPOSAL ANNUAL REPORT (2008)
 SOLID WASTE AND IRRADIATED FUEL SHIPMENTS
 FOURTH QUARTER

A. SOLID WASTE SHIPPED OFFSITE FOR BURIAL OR DISPOSAL

1.	Spent resins, filter sludges, evaporator bottoms, etc.		
a.	Quantity shipped	cu.m.	7.53E+01
b.	Total activity	Ci	7.87E+01
c.	Major nuclides (estimate %)		
	Mn-54		1.13E+00
	Fe-55		1.56E+01
	Co-60		7.38E+01
	Ni-63		1.07E+00
	Zn-65		1.41E+00
	Cs-137		4.35E+00
d.	Shipment type		LSA, Class A
e.	Solidification agent		None

2.	Dry compressible waste, contaminated equipment, etc.		
a.	Quantity shipped	cu.m.	7.69E+01
b.	Total activity	Ci	5.43E-01
c.	Major nuclides (estimate %)		
	Mn-54		6.08E+00
	Fe-55		1.97E+01
	Co-60		7.12E+01
d.	Shipment type		LSA
e.	Solidification agent		None

3.	Irradiated Components		
a.	Quantity shipped	cu.m.	0.00E+00
b.	Total activity	Ci	0.00E+00
c.	Major nuclides (estimate %)		
d.	Shipment type		N/A
e.	Solidification agent		N/A

EFFLUENT AND WASTE DISPOSAL ANNUAL REPORT (2008)
 SOLID WASTE AND IRRADIATED FUEL SHIPMENTS
 FOURTH QUARTER

4. Other

a.	Quantity shipped cu.m.		2.30E+01
b.	Total activity	Ci	1.52E-04
c.	Major nuclides (estimate %)		
		H-3	6.71E+01
		Fe-55	6.53E+00
		Co-60	2.56E+01
d.	Shipment type		Class A
e.	Solidification agent		None

5. Solid Waste Disposition

	<u>Number of Shipments</u>	<u>Transportation Mode</u>	<u>Destination</u>
	1	Truck	Clive Disposal Facility (Bulk)
	9	Truck	Clive Disposal Facility (Containerized)
	1	Truck	Duratek – Bear Creek Rd. Facility
	5	Truck	Duratek – Gallaher Rd. Facility
TOTAL THIS QUARTER	16		

Estimated total error % for spent resins, filter sludges, evaporator bottoms, etc. (Oct-Dec) 2.50E+01

Estimated total error % for dry compressible waste, contaminated equipment, etc. (Oct-Dec) 2.50E+01

Estimated total error % for other irradiated components (Oct-Dec) N/A

B. IRRADIATED FUEL SHIPMENTS

None

EFFLUENT AND WASTE DISPOSAL ANNUAL REPORT (2008)

RADIOLOGICAL IMPACT ON MAN MAXIMUM DOSES RESULTING FROM RELEASES AND COMPLIANCE STATUS

STATION: LASALLE STATION
UNIT: 1
PERIOD: 01/01/08 12/31/08
NAME: ODCMLAS
REPORT: ANNUAL
MODE: ACTUAL

LASALLE STATION UNIT ONE

ACTUAL 2008
 MAXIMUM DOSES RESULTING FROM AIRBORNE RELEASES
 PERIOD OF RELEASE - 01/01/08 TO 12/31/08 CALCULATED 03/23/09
 INFANT RECEPTOR

TYPE	1ST QUARTER JAN-MAR	2ND QUARTER APR-JUN	3RD QUARTER JUL-SEP	4TH QUARTER OCT-DEC	ANNUAL
GAMMA AIR (MRAD)	6.58E-03 (WSW)	5.62E-03 (WSW)	3.24E-03 (WSW)	1.26E-02 (WSW)	2.80E-02 (WSW)
BETA AIR (MRAD)	1.93E-04 (ESE)	1.66E-04 (ESE)	1.24E-04 (ESE)	3.57E-04 (ESE)	8.40E-04 (ESE)
TOT. BODY (MREM)	4.98E-03 (WSW)	4.25E-03 (WSW)	2.45E-03 (WSW)	9.50E-03 (WSW)	2.12E-02 (WSW)
SKIN (MREM)	5.22E-03 (WSW)	4.45E-03 (WSW)	2.59E-03 (WSW)	9.95E-03 (WSW)	2.22E-02 (WSW)
ORGAN (MREM)	1.90E-03 (ESE)	1.01E-02 (ESE)	3.65E-02 (ESE)	1.18E-02 (ESE)	6.03E-02 (ESE)
	THYROID	THYROID	THYROID	THYROID	THYROID

THIS IS A REPORT FOR THE CALENDAR YEAR 2008

COMPLIANCE STATUS - 10CFR 50 APP. I
 INFANT RECEPTOR

----- % OF APP I. -----

	QTRLY OBJ	1ST QTR JAN-MAR	2ND QTR APR-JUN	3RD QTR JUL-SEP	4TH QTR OCT-DEC	YRLY OBJ	% OF APP. I
GAMMA AIR (MRAD)	5.0	0.13	0.11	0.06	0.25	10.0	0.28
BETA AIR (MRAD)	10.0	0.00	0.00	0.00	0.00	20.0	0.00
TOT. BODY (MREM)	2.5	0.20	0.17	0.10	0.38	5.0	0.42
SKIN (MREM)	7.5	0.07	0.06	0.03	0.13	15.0	0.15
ORGAN (MREM)	7.5	0.03	0.13	0.49	0.16	15.0	0.40
	THYROID	THYROID	THYROID	THYROID	THYROID	THYROID	THYROID

RESULTS BASED UPON: ODCM ANNEX REVISION 3.0 MAY 2001
 ODCM SOFTWARE VERSION 1.1 January 1995
 ODCM DATABASE VERSION 1.1 January 1995

LASALLE STATION UNIT ONE

ACTUAL 2008

MAXIMUM DOSES RESULTING FROM AIRBORNE RELEASES

PERIOD OF RELEASE - 01/01/08 TO 12/31/08 CALCULATED 03/23/09
CHILD RECEPTOR

TYPE	1ST QUARTER JAN-MAR	2ND QUARTER APR-JUN	3RD QUARTER JUL-SEP	4TH QUARTER OCT-DEC	ANNUAL
GAMMA AIR (MRAD)	6.58E-03 (WSW)	5.62E-03 (WSW)	3.24E-03 (WSW)	1.26E-02 (WSW)	2.80E-02 (WSW)
BETA AIR (MRAD)	1.93E-04 (ESE)	1.66E-04 (ESE)	1.24E-04 (ESE)	3.57E-04 (ESE)	8.40E-04 (ESE)
TOT. BODY (MREM)	4.98E-03 (WSW)	4.25E-03 (WSW)	2.45E-03 (WSW)	9.50E-03 (WSW)	2.12E-02 (WSW)
SKIN (MREM)	5.22E-03 (WSW)	4.45E-03 (WSW)	2.59E-03 (WSW)	9.95E-03 (WSW)	2.22E-02 (WSW)
ORGAN (MREM)	1.59E-03 (NNE)	1.30E-02 (NNE)	3.94E-02 (ESE)	1.40E-02 (NNE)	6.78E-02 (NNE)

THYROID THYROID THYROID THYROID THYROID

THIS IS A REPORT FOR THE CALENDAR YEAR 2008

COMPLIANCE STATUS - 10CFR 50 APP. I
CHILD RECEPTOR

----- % OF APP I. -----

	QTRLY OBJ	1ST QTR JAN-MAR	2ND QTR APR-JUN	3RD QTR JUL-SEP	4TH QTR OCT-DEC	YRLY OBJ	% OF APP. I
GAMMA AIR (MRAD)	5.0	0.13	0.11	0.06	0.25	10.0	0.28
BETA AIR (MRAD)	10.0	0.00	0.00	0.00	0.00	20.0	0.00
TOT. BODY (MREM)	2.5	0.20	0.17	0.10	0.38	5.0	0.42
SKIN (MREM)	7.5	0.07	0.06	0.03	0.13	15.0	0.15
ORGAN (MREM)	7.5	0.02	0.17	0.53	0.19	15.0	0.45

THYROID THYROID THYROID THYROID THYROID

RESULTS BASED UPON: ODCM ANNEX REVISION 3.0 MAY 2001
ODCM SOFTWARE VERSION 1.1 January 1995
ODCM DATABASE VERSION 1.1 January 1995

LASALLE STATION UNIT ONE

ACTUAL 2008

MAXIMUM DOSES RESULTING FROM AIRBORNE RELEASES
 PERIOD OF RELEASE - 01/01/08 TO 12/31/08 CALCULATED 03/23/09
 TEENAGER RECEPTOR

TYPE	1ST	2ND	3RD	4TH	ANNUAL
	QUARTER JAN-MAR	QUARTER APR-JUN	QUARTER JUL-SEP	QUARTER OCT-DEC	
GAMMA AIR (MRAD)	6.58E-03 (WSW)	5.62E-03 (WSW)	3.24E-03 (WSW)	1.26E-02 (WSW)	2.80E-02 (WSW)
BETA AIR (MRAD)	1.93E-04 (ESE)	1.66E-04 (ESE)	1.24E-04 (ESE)	3.57E-04 (ESE)	8.40E-04 (ESE)
TOT. BODY (MREM)	4.98E-03 (WSW)	4.25E-03 (WSW)	2.45E-03 (WSW)	9.50E-03 (WSW)	2.12E-02 (WSW)
SKIN (MREM)	5.22E-03 (WSW)	4.45E-03 (WSW)	2.59E-03 (WSW)	9.95E-03 (WSW)	2.22E-02 (WSW)
ORGAN (MREM)	1.18E-03 (NNE)	8.12E-03 (NNE)	2.41E-02 (NNE)	8.79E-03 (NNE)	4.22E-02 (NNE)

THYROID THYROID THYROID THYROID THYROID
 THIS IS A REPORT FOR THE CALENDAR YEAR 2008

COMPLIANCE STATUS - 10CFR 50 APP. I
 TEENAGER RECEPTOR

----- % OF APP I. -----

	QTRLY OBJ	1ST QTR JAN-MAR	2ND QTR APR-JUN	3RD QTR JUL-SEP	4TH QTR OCT-DEC	YRLY OBJ	% OF APP. I
GAMMA AIR (MRAD)	5.0	0.13	0.11	0.06	0.25	10.0	0.28
BETA AIR (MRAD)	10.0	0.00	0.00	0.00	0.00	20.0	0.00
TOT. BODY (MREM)	2.5	0.20	0.17	0.10	0.38	5.0	0.42
SKIN (MREM)	7.5	0.07	0.06	0.03	0.13	15.0	0.15
ORGAN (MREM)	7.5	0.02	0.11	0.32	0.12	15.0	0.28
		THYROID	THYROID	THYROID	THYROID		THYROID

RESULTS BASED UPON: ODCM ANNEX REVISION 3.0 MAY 2001
 ODCM SOFTWARE VERSION 1.1 January 1995
 ODCM DATABASE VERSION 1.1 January 1995

LASALLE STATION UNIT ONE

ACTUAL 2008

MAXIMUM DOSES RESULTING FROM AIRBORNE RELEASES

PERIOD OF RELEASE - 01/01/08 TO 12/31/08 CALCULATED 03/23/09

ADULT RECEPTOR

TYPE	1ST QUARTER JAN-MAR	2ND QUARTER APR-JUN	3RD QUARTER JUL-SEP	4TH QUARTER OCT-DEC	ANNUAL
GAMMA AIR (MRAD)	6.58E-03 (WSW)	5.62E-03 (WSW)	3.24E-03 (WSW)	1.26E-02 (WSW)	2.80E-02 (WSW)
BETA AIR (MRAD)	1.93E-04 (ESE)	1.66E-04 (ESE)	1.24E-04 (ESE)	3.57E-04 (ESE)	8.40E-04 (ESE)
TOT. BODY (MREM)	4.98E-03 (WSW)	4.25E-03 (WSW)	2.45E-03 (WSW)	9.50E-03 (WSW)	2.12E-02 (WSW)
SKIN (MREM)	5.22E-03 (WSW)	4.45E-03 (WSW)	2.59E-03 (WSW)	9.95E-03 (WSW)	2.22E-02 (WSW)
ORGAN (MREM)	1.31E-03 (NNE)	8.17E-03 (NNE)	2.49E-02 (NNE)	8.96E-03 (NNE)	4.33E-02 (NNE)

THYROID THYROID THYROID THYROID THYROID

THIS IS A REPORT FOR THE CALENDAR YEAR 2008

COMPLIANCE STATUS - 10CFR 50 APP. I
ADULT RECEPTOR

----- % OF APP I. -----

	QTRLY OBJ	1ST QTR JAN-MAR	2ND QTR APR-JUN	3RD QTR JUL-SEP	4TH QTR OCT-DEC	YRLY OBJ	% OF APP. I
GAMMA AIR (MRAD)	5.0	0.13	0.11	0.06	0.25	10.0	0.28
BETA AIR (MRAD)	10.0	0.00	0.00	0.00	0.00	20.0	0.00
TOT. BODY (MREM)	2.5	0.20	0.17	0.10	0.38	5.0	0.42
SKIN (MREM)	7.5	0.07	0.06	0.03	0.13	15.0	0.15
ORGAN (MREM)	7.5	0.02	0.11	0.33	0.12	15.0	0.29

THYROID THYROID THYROID THYROID THYROID

RESULTS BASED UPON: ODCM ANNEX REVISION 3.0 MAY 2001
ODCM SOFTWARE VERSION 1.1 January 1995
ODCM DATABASE VERSION 1.1 January 1995

STATION: LASALLE STATION
UNIT: 1
PERIOD: 01/01/08 12/31/08
NAME: ODCMLAS
REPORT: ANNUAL
MODE: ACTUAL

LASALLE STATION UNIT ONE

ACTUAL 2008

MAXIMUM DOSES (MREM) RESULTING FROM AQUATIC EFFLUENTS
 PERIOD OF RELEASE - 01/01/08 TO 12/31/08 CALCULATED 03/23/09
 INFANT RECEPTOR

DOSE TYPE	1ST QUARTER JAN-MAR	2ND QUARTER APR-JUN	3RD QUARTER JUL-SEP	4TH QUARTER OCT-DEC	ANNUAL
TOTAL BODY	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INTERNAL ORGAN	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

THIS IS A REPORT FOR THE CALENDAR YEAR 2008

COMPLIANCE STATUS - 10 CFR 50 APP. I

----- % OF APP I. -----

	QTRLY OBJ	1ST QTR JAN-MAR	2ND QTR APR-JUN	3RD QTR JUL-SEP	4TH QTR OCT-DEC	YRLY OBJ	% OF APP. I
TOTAL BODY (MREM)	1.5	0.00	0.00	0.00	0.00	3.0	0.00
CRIT. ORGAN (MREM)	5.0	0.00	0.00	0.00	0.00	10.0	0.00

RESULTS BASED UPON: ODCM ANNEX REVISION 3.0 MAY 2001
 ODCM SOFTWARE VERSION 1.1 January 1995
 ODCM DATABASE VERSION 1.1 January 1995

LASALLE STATION UNIT ONE

2008 ANNUAL REPORT

PROJECTED DOSE AT NEAREST COMMUNITY WATER SYSTEM *
 PERIOD OF RELEASE - 01/01/08 TO 12/31/08 CALCULATED 03/23/09
 INFANT RECEPTOR

DOSE TYPE	1ST QUARTER JAN-MAR	2ND QUARTER APR-JUN	3RD QUARTER JUL-SEP	4TH QUARTER OCT-DEC	ANNUAL
TOTAL BODY	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INTERNAL ORGAN	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

THIS IS A REPORT FOR THE CALENDAR YEAR 2008

COMPLIANCE STATUS - 40 CFR 141

TYPE	ANNUAL LIMIT	% OF LIMIT
TOTAL BODY	4.0 MREM	0.000
INTERNAL ORGAN	4.0 MREM	0.000

* THIS CALCULATION OF DOSE IS BASED ON TECHNIQUES DESCRIBED IN THE COMMONWEALTH EDISON OFFSITE DOSE CALCULATION MANUAL. THESE TECHNIQUES DIFFER FROM THOSE DESCRIBED IN 40 CFR 141.

RESULTS BASED UPON: ODCM ANNEX REVISION 3.0 MAY 2001
 ODCM SOFTWARE VERSION 1.1 January 1995
 ODCM DATABASE VERSION 1.1 January 1995

LASALLE STATION UNIT ONE

ACTUAL 2008
 MAXIMUM DOSES (MREM) RESULTING FROM AQUATIC EFFLUENTS
 PERIOD OF RELEASE - 01/01/08 TO 12/31/08 CALCULATED 03/23/09
 CHILD RECEPTOR

DOSE TYPE	1ST QUARTER JAN-MAR	2ND QUARTER APR-JUN	3RD QUARTER JUL-SEP	4TH QUARTER OCT-DEC	ANNUAL
TOTAL BODY	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INTERNAL ORGAN	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

THIS IS A REPORT FOR THE CALENDAR YEAR 2008

COMPLIANCE STATUS - 10 CFR 50 APP. I

----- % OF APP I. -----

	QTRLY OBJ	1ST QTR JAN-MAR	2ND QTR APR-JUN	3RD QTR JUL-SEP	4TH QTR OCT-DEC	YRLY OBJ	% OF APP. I
TOTAL BODY (MREM)	1.5	0.00	0.00	0.00	0.00	3.0	0.00
CRIT. ORGAN (MREM)	5.0	0.00	0.00	0.00	0.00	10.0	0.00

RESULTS BASED UPON: ODCM ANNEX REVISION 3.0 MAY 2001
 ODCM SOFTWARE VERSION 1.1 January 1995
 ODCM DATABASE VERSION 1.1 January 1995

LASALLE STATION UNIT ONE

2008 ANNUAL REPORT

PROJECTED DOSE AT NEAREST COMMUNITY WATER SYSTEM *
 PERIOD OF RELEASE - 01/01/08 TO 12/31/08 CALCULATED 03/23/09
 CHILD RECEPTOR

DOSE TYPE	1ST QUARTER JAN-MAR	2ND QUARTER APR-JUN	3RD QUARTER JUL-SEP	4TH QUARTER OCT-DEC	ANNUAL
TOTAL BODY	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INTERNAL ORGAN	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

THIS IS A REPORT FOR THE CALENDAR YEAR 2008

COMPLIANCE STATUS - 40 CFR 141

TYPE	ANNUAL LIMIT	% OF LIMIT
TOTAL BODY	4.0 MREM	0.000
INTERNAL ORGAN	4.0 MREM	0.000

* THIS CALCULATION OF DOSE IS BASED ON TECHNIQUES DESCRIBED IN THE COMMONWEALTH EDISON OFFSITE DOSE CALCULATION MANUAL. THESE TECHNIQUES DIFFER FROM THOSE DESCRIBED IN 40 CFR 141.

RESULTS BASED UPON: ODCM ANNEX REVISION 3.0 MAY 2001
 ODCM SOFTWARE VERSION 1.1 January 1995
 ODCM DATABASE VERSION 1.1 January 1995

LASALLE STATION UNIT ONE

ACTUAL 2008

MAXIMUM DOSES (MREM) RESULTING FROM AQUATIC EFFLUENTS
 PERIOD OF RELEASE - 01/01/08 TO 12/31/08 CALCULATED 03/23/09
 TEENAGER RECEPTOR

DOSE TYPE	1ST QUARTER JAN-MAR	2ND QUARTER APR-JUN	3RD QUARTER JUL-SEP	4TH QUARTER OCT-DEC	ANNUAL
TOTAL BODY INTERNAL ORGAN	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

THIS IS A REPORT FOR THE CALENDAR YEAR 2008

COMPLIANCE STATUS - 10 CFR 50 APP. I

----- % OF APP I. -----

	QTRLY OBJ	1ST QTR JAN-MAR	2ND QTR APR-JUN	3RD QTR JUL-SEP	4TH QTR OCT-DEC	YRLY OBJ	% OF APP. I
TOTAL BODY (MREM)	1.5	0.00	0.00	0.00	0.00	3.0	0.00
CRIT. ORGAN (MREM)	5.0	0.00	0.00	0.00	0.00	10.0	0.00

RESULTS BASED UPON: ODCM ANNEX REVISION 3.0 MAY 2001
 ODCM SOFTWARE VERSION 1.1 January 1995
 ODCM DATABASE VERSION 1.1 January 1995

LASALLE STATION UNIT ONE

2008 ANNUAL REPORT

PROJECTED DOSE AT NEAREST COMMUNITY WATER SYSTEM *

PERIOD OF RELEASE - 01/01/08 TO 12/31/08 CALCULATED 03/23/09
TEENAGER RECEPTOR

DOSE TYPE	1ST QUARTER JAN-MAR	2ND QUARTER APR-JUN	3RD QUARTER JUL-SEP	4TH QUARTER OCT-DEC	ANNUAL
TOTAL BODY	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INTERNAL ORGAN	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

THIS IS A REPORT FOR THE CALENDAR YEAR 2008

COMPLIANCE STATUS - 40 CFR 141

TYPE	ANNUAL LIMIT	% OF LIMIT
TOTAL BODY	4.0 MREM	0.000
INTERNAL ORGAN	4.0 MREM	0.000

* THIS CALCULATION OF DOSE IS BASED ON TECHNIQUES DESCRIBED IN THE COMMONWEALTH EDISON OFFSITE DOSE CALCULATION MANUAL. THESE TECHNIQUES DIFFER FROM THOSE DESCRIBED IN 40 CFR 141.

RESULTS BASED UPON: ODCM ANNEX REVISION 3.0 MAY 2001
ODCM SOFTWARE VERSION 1.1 January 1995
ODCM DATABASE VERSION 1.1 January 1995

LASALLE STATION UNIT ONE

ACTUAL 2008

MAXIMUM DOSES (MREM) RESULTING FROM AQUATIC EFFLUENTS
 PERIOD OF RELEASE - 01/01/08 TO 12/31/08 CALCULATED 03/23/09
 ADULT RECEPTOR

DOSE TYPE	1ST QUARTER JAN-MAR	2ND QUARTER APR-JUN	3RD QUARTER JUL-SEP	4TH QUARTER OCT-DEC	ANNUAL
TOTAL BODY	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INTERNAL ORGAN	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

THIS IS A REPORT FOR THE CALENDAR YEAR 2008

COMPLIANCE STATUS - 10 CFR 50 APP. I

----- % OF APP I. -----

	QTRLY OBJ	1ST QTR JAN-MAR	2ND QTR APR-JUN	3RD QTR JUL-SEP	4TH QTR OCT-DEC	YRLY OBJ	% OF APP. I
TOTAL BODY (MREM)	1.5	0.00	0.00	0.00	0.00	3.0	0.00
CRIT. ORGAN (MREM)	5.0	0.00	0.00	0.00	0.00	10.0	0.00

RESULTS BASED UPON: ODCM ANNEX REVISION 3.0 MAY 2001
 ODCM SOFTWARE VERSION 1.1 January 1995
 ODCM DATABASE VERSION 1.1 January 1995

LASALLE STATION UNIT ONE

2008 ANNUAL REPORT

PROJECTED DOSE AT NEAREST COMMUNITY WATER SYSTEM *
 PERIOD OF RELEASE - 01/01/08 TO 12/31/08 CALCULATED 03/23/09
 ADULT RECEPTOR

DOSE TYPE	1ST QUARTER JAN-MAR	2ND QUARTER APR-JUN	3RD QUARTER JUL-SEP	4TH QUARTER OCT-DEC	ANNUAL
TOTAL BODY	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INTERNAL ORGAN	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

THIS IS A REPORT FOR THE CALENDAR YEAR 2008

COMPLIANCE STATUS - 40 CFR 141

TYPE	ANNUAL LIMIT	% OF LIMIT
TOTAL BODY	4.0 MREM	0.000
INTERNAL ORGAN	4.0 MREM	0.000

* THIS CALCULATION OF DOSE IS BASED ON TECHNIQUES DESCRIBED IN THE COMMONWEALTH EDISON OFFSITE DOSE CALCULATION MANUAL. THESE TECHNIQUES DIFFER FROM THOSE DESCRIBED IN 40 CFR 141.

RESULTS BASED UPON: ODCM ANNEX REVISION 3.0 MAY 2001
 ODCM SOFTWARE VERSION 1.1 January 1995
 ODCM DATABASE VERSION 1.1 January 1995

23-mar-2009 13:30:18

Total Effective Dose Equivalent - 10CFR20 Listing

STATION: LASALLE STATION
UNIT: 1
PERIOD: 01/01/08 12/31/08
NAME: ODCMLAS
REPORT: ANNUAL
MODE: ACTUAL

For ADULT dose calculations, the included pathways are:

INHALATION
MILK
PRODUCE
VEGETABLES
MEAT
GROUND DEPOSITION
FISH
WATER
SKYSHINE
WHOLE BODY

Airborne Effluents are complete from 01/01/08 to 12/31/08
Aquatic Effluents are complete from 01/01/08 to 12/31/08
Skyshine entries are complete from 01/01/08 to 12/31/08

LASALLE STATION UNIT ONE

10 CFR 20 COMPLIANCE ASSESSMENT

PERIOD OF ASSESSMENT 01/01/08 TO 12/31/08

CALCULATED 03/23/09

1. 10 CFR 20.1301 (a) (1) Compliance

Total Effective Dose Equivalent, mrem/yr	3.43E-01
10 CFR 20.1301 (a) (1) limit mrem/yr	100.0
% of limit	0.34

Compliance Summary - 10CFR20

	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	% of Limit
TEDE	5.89E-02	9.44E-02	9.08E-02	9.90E-02	0.34

RESULTS BASED UPON: ODCM ANNEX REVISION 3.0 MAY 2001
ODCM SOFTWARE VERSION 1.1 January 1995
ODCM DATABASE VERSION 1.1 January 1995

LASALLE STATION UNIT ONE

10 CFR 20 COMPLIANCE ASSESSMENT

PERIOD OF ASSESSMENT 01/01/08 TO 12/31/08

CALCULATED 03/23/09

2. 10 CFR 20.1301 (d)/40 CFR 190 Compliance

		Dose (mrem)	Limit (mrem)	% of Limit
Whole Body (DDE)	Plume	2.12E-02		
	Skyshine	3.15E-01		
	Ground	5.57E-04		
	Total	3.36E-01	25.0	1.35
Organ Dose (CDE)	Thyroid	3.75E-02	75.0	0.05
	Gonads	5.69E-03	25.0	0.02
	Breast	5.69E-03	25.0	0.02
	Lung	5.69E-03	25.0	0.02
	Marrow	5.70E-03	25.0	0.02
	Bone	5.70E-03	25.0	0.02
	Remainder	5.73E-03	25.0	0.02
	CEDE	6.66E-03		
	TEDE	3.43E-01	100.0	0.34

RESULTS BASED UPON: ODCM ANNEX REVISION 3.0 MAY 2001
 ODCM SOFTWARE VERSION 1.1 January 1995
 ODCM DATABASE VERSION 1.1 January 1995

Total Effective Dose Equivalent - 10CFR20 Listing

STATION: LASALLE STATION
UNIT: 2
PERIOD: 01/01/08 12/31/08
NAME: ODCMLAS
REPORT: ANNUAL
MODE: ACTUAL

For ADULT dose calculations, the included pathways are:

INHALATION
MILK
PRODUCE
VEGETABLES
MEAT
GROUND DEPOSITION
FISH
WATER
SKYSHINE
WHOLE BODY

Airborne Effluents are complete from to
Aquatic Effluents are complete from to
Skyshine entries are complete from 01/01/08 to 12/31/08

LASALLE STATION UNIT TWO

10 CFR 20 COMPLIANCE ASSESSMENT

PERIOD OF ASSESSMENT 01/01/08 TO 12/31/08

CALCULATED 03/23/09

1. 10 CFR 20.1301 (a)(1) Compliance

Total Effective Dose Equivalent, mrem/yr	3.54E-01
<hr/>	
10 CFR 20.1301 (a)(1) limit mrem/yr	100.0
<hr/>	
% of limit	0.35
<hr/>	

Compliance Summary - 10CFR20

	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	% of Limit
TEDE	8.92E-02	8.83E-02	8.73E-02	8.93E-02	0.35

RESULTS BASED UPON: ODCM ANNEX REVISION 3.0 MAY 2001
ODCM SOFTWARE VERSION 1.1 January 1995
ODCM DATABASE VERSION 1.1 January 1995

LASALLE STATION UNIT TWO

10 CFR 20 COMPLIANCE ASSESSMENT

PERIOD OF ASSESSMENT 01/01/08 TO 12/31/08

CALCULATED 03/23/09

2. 10 CFR 20.1301 (d)/40 CFR 190 Compliance

		Dose (mrem)	Limit (mrem)	% of Limit
Whole Body (DDE)	Plume	0.00E+00		
	Skyshine	3.54E-01		
	Ground	0.00E+00		
	Total	3.54E-01	25.0	1.42
Organ Dose (CDE)	Thyroid	0.00E+00	75.0	0.00
	Gonads	0.00E+00	25.0	0.00
	Breast	0.00E+00	25.0	0.00
	Lung	0.00E+00	25.0	0.00
	Marrow	0.00E+00	25.0	0.00
	Bone	0.00E+00	25.0	0.00
	Remainder	0.00E+00	25.0	0.00
	CEDE	0.00E+00		
TEDE	3.54E-01	100.0	0.35	

RESULTS BASED UPON: ODCM ANNEX REVISION 3.0 MAY 2001
 ODCM SOFTWARE VERSION 1.1 January 1995
 ODCM DATABASE VERSION 1.1 January 1995

EFFLUENT AND WASTE DISPOSAL ANNUAL REPORT (2008)

METEOROLOGICAL DATA

LaSalle County Generating Station

Period of Record: January - March 2008

Stability Class - Extremely Unstable - 200Ft-33Ft Delta-T (F)

Winds Measured at 33 Feet

Wind Direction	Wind Speed (in mph)						Total
	1-3	4-7	8-12	13-18	19-24	> 24	
N	0	0	0	1	0	0	1
NNE	0	0	1	0	0	0	1
NE	0	0	3	4	8	1	16
ENE	0	0	3	0	2	2	7
E	0	0	0	0	0	0	0
ESE	0	0	0	0	0	0	0
SE	0	0	0	0	0	0	0
SSE	0	0	0	0	0	0	0
S	0	0	0	1	8	0	9
SSW	0	0	0	0	0	0	0
SW	0	0	0	0	0	0	0
WSW	0	0	0	0	0	1	1
W	0	0	0	0	0	0	0
WNW	0	0	0	0	0	0	0
NW	0	1	1	0	0	0	2
NNW	0	0	3	1	0	2	6
Variable	0	0	0	0	0	0	0
Total	0	1	11	7	18	6	43

Hours of calm in this stability class: 0
 Hours of missing wind measurements in this stability class: 0
 Hours of missing stability measurements in all stability classes: 1

LaSalle County Generating Station

Period of Record: January - March 2008

Stability Class - Moderately Unstable - 200Ft-33Ft Delta-T (F)

Winds Measured at 33 Feet

Wind Direction	Wind Speed (in mph)						Total
	1-3	4-7	8-12	13-18	19-24	> 24	
N	0	0	5	6	1	0	12
NNE	0	1	5	2	0	0	8
NE	0	0	1	2	0	0	3
ENE	0	0	0	0	0	0	0
E	0	0	0	0	0	0	0
ESE	0	0	0	2	0	0	2
SE	0	0	2	1	0	0	3
SSE	0	0	0	0	0	0	0
S	0	0	0	0	0	0	0
SSW	0	0	0	2	0	0	2
SW	0	0	0	1	2	0	3
WSW	0	0	0	1	0	0	1
W	0	0	0	3	0	1	4
WNW	0	0	1	2	0	1	4
NW	0	2	2	1	0	0	5
NNW	0	0	1	3	5	0	9
Variable	0	0	0	0	0	0	0
Total	0	3	17	26	8	2	56

Hours of calm in this stability class: 0
 Hours of missing wind measurements in this stability class: 0
 Hours of missing stability measurements in all stability classes: 1

LaSalle County Generating Station

Period of Record: January - March 2008
 Stability Class - Slightly Unstable - 200Ft-33Ft Delta-T (F)
 Winds Measured at 33 Feet

Wind Direction	Wind Speed (in mph)						Total
	1-3	4-7	8-12	13-18	19-24	> 24	
N	0	0	1	1	1	0	3
NNE	0	2	7	5	0	0	14
NE	0	0	4	0	0	0	4
ENE	0	0	0	0	0	0	0
E	0	1	1	0	0	0	2
ESE	0	0	0	4	0	0	4
SE	0	0	3	3	0	0	6
SSE	0	1	0	0	2	0	3
S	0	0	0	0	0	0	0
SSW	0	1	2	2	0	0	5
SW	0	0	5	0	0	0	5
WSW	0	0	2	2	1	1	6
W	0	0	8	10	0	1	19
WNW	0	0	1	3	1	1	6
NW	0	0	0	6	2	0	8
NNW	0	0	2	3	2	0	7
Variable	0	0	0	0	0	0	0
Total	0	5	36	39	9	3	92

Hours of calm in this stability class: 0
 Hours of missing wind measurements in this stability class: 0
 Hours of missing stability measurements in all stability classes: 1

LaSalle County Generating Station

Period of Record: January - March 2008
 Stability Class - Neutral - 200Ft-33Ft Delta-T (F)
 Winds Measured at 33 Feet

Wind Direction	Wind Speed (in mph)						Total
	1-3	4-7	8-12	13-18	19-24	> 24	
N	0	14	36	17	0	0	67
NNE	0	23	49	6	0	0	78
NE	0	7	19	22	1	0	49
ENE	1	4	12	26	12	0	55
E	1	2	35	32	10	0	80
ESE	1	2	8	26	9	0	46
SE	0	2	8	15	1	0	26
SSE	2	3	22	13	6	0	46
S	0	7	12	23	5	0	47
SSW	2	12	21	25	7	1	68
SW	4	5	18	10	12	5	54
WSW	2	11	15	11	3	1	43
W	0	24	34	35	6	7	106
WNW	2	14	31	96	31	21	195
NW	0	11	43	41	12	7	114
NNW	0	8	44	46	5	0	103
Variable	0	0	0	0	0	0	0
Total	15	149	407	444	120	42	1177

Hours of calm in this stability class: 0
 Hours of missing wind measurements in this stability class: 0
 Hours of missing stability measurements in all stability classes: 1

LaSalle County Generating Station

Period of Record: January - March 2008

Stability Class - Slightly Stable - 200Ft-33Ft Delta-T (F)

Winds Measured at 33 Feet

Wind Direction	Wind Speed (in mph)						Total
	1-3	4-7	8-12	13-18	19-24	> 24	
N	0	18	1	0	0	0	19
NNE	1	23	4	0	0	0	28
NE	2	2	5	0	0	0	9
ENE	1	0	3	0	0	0	4
E	0	3	15	9	1	0	28
ESE	1	1	12	11	1	0	26
SE	0	3	13	9	0	0	25
SSE	2	9	20	7	1	0	39
S	1	2	11	32	11	5	62
SSW	0	10	9	43	18	5	85
SW	3	3	9	11	6	1	33
WSW	2	9	4	1	1	0	17
W	3	9	5	9	6	3	35
WNW	1	12	8	6	18	20	65
NW	0	12	31	6	2	2	53
NNW	1	6	4	0	0	0	11
Variable	0	0	0	0	0	0	0
Total	18	122	154	144	65	36	539

Hours of calm in this stability class: 1
 Hours of missing wind measurements in this stability class: 0
 Hours of missing stability measurements in all stability classes: 1

LaSalle County Generating Station

Period of Record: January - March 2008
 Stability Class - Moderately Stable - 200Ft-33Ft Delta-T (F)
 Winds Measured at 33 Feet

Wind Direction	Wind Speed (in mph)						Total
	1-3	4-7	8-12	13-18	19-24	> 24	
N	0	2	0	0	0	0	2
NNE	0	0	0	0	0	0	0
NE	1	0	0	0	0	0	1
ENE	0	0	0	0	0	0	0
E	0	2	2	0	0	0	4
ESE	0	3	5	0	0	0	8
SE	0	3	2	4	0	0	9
SSE	1	5	10	1	0	0	17
S	2	5	5	9	4	0	25
SSW	0	2	10	4	1	0	17
SW	0	5	7	0	0	0	12
WSW	0	8	7	5	0	0	20
W	0	8	9	5	0	0	22
WNW	0	22	11	1	1	0	35
NW	0	5	12	1	0	0	18
NNW	0	2	0	0	0	0	2
Variable	0	0	0	0	0	0	0
Total	4	72	80	30	6	0	192

Hours of calm in this stability class: 0
 Hours of missing wind measurements in this stability class: 0
 Hours of missing stability measurements in all stability classes: 1

LaSalle County Generating Station

Period of Record: January - March 2008

Stability Class - Extremely Stable - 200Ft-33Ft Delta-T (F)
 Winds Measured at 33 Feet

Wind Direction	Wind Speed (in mph)						Total
	1-3	4-7	8-12	13-18	19-24	> 24	
N	0	0	0	0	0	0	0
NNE	0	0	0	0	0	0	0
NE	0	0	0	0	0	0	0
ENE	0	0	0	0	0	0	0
E	0	1	0	0	0	0	1
ESE	0	1	0	0	0	0	1
SE	0	4	0	0	0	0	4
SSE	0	5	2	0	0	0	7
S	0	0	5	3	0	0	8
SSW	0	4	11	4	0	0	19
SW	0	6	12	1	0	0	19
WSW	0	4	3	1	0	0	8
W	0	2	4	0	0	0	6
WNW	0	7	1	0	0	0	8
NW	0	1	1	0	0	0	2
NNW	0	0	0	0	0	0	0
Variable	0	0	0	0	0	0	0
Total	0	35	39	9	0	0	83

Hours of calm in this stability class: 0
 Hours of missing wind measurements in this stability class: 0
 Hours of missing stability measurements in all stability classes: 1

LaSalle County Generating Station

Period of Record: January - March 2008

Stability Class - Extremely Unstable - 375Ft-33Ft Delta-T (F)

Winds Measured at 375 Feet

Wind Direction	Wind Speed (in mph)						Total
	1-3	4-7	8-12	13-18	19-24	> 24	
N	0	0	0	0	0	0	0
NNE	0	0	0	0	0	0	0
NE	0	0	0	0	0	0	0
ENE	0	0	0	0	0	0	0
E	0	0	0	0	0	0	0
ESE	0	0	0	0	0	0	0
SE	0	0	0	0	0	0	0
SSE	0	0	0	0	0	0	0
S	0	0	0	0	0	0	0
SSW	0	0	0	0	0	0	0
SW	0	0	0	0	0	0	0
WSW	0	0	0	0	0	0	0
W	0	0	0	0	0	0	0
WNW	0	0	0	0	0	0	0
NW	0	0	0	0	0	0	0
NNW	0	0	0	0	0	0	0
Variable	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0

Hours of calm in this stability class: 0
 Hours of missing wind measurements in this stability class: 0
 Hours of missing stability measurements in all stability classes: 1

LaSalle County Generating Station

Period of Record: January - March 2008

Stability Class - Moderately Unstable - 375Ft-33Ft Delta-T (F)
 Winds Measured at 375 Feet

Wind Direction	Wind Speed (in mph)						Total
	1-3	4-7	8-12	13-18	19-24	> 24	
N	0	0	0	0	0	0	0
NNE	0	0	0	0	0	0	0
NE	0	0	0	0	0	0	0
ENE	0	0	0	0	0	0	0
E	0	0	0	0	0	0	0
ESE	0	0	0	0	0	0	0
SE	0	0	0	0	0	0	0
SSE	0	0	0	0	0	0	0
S	0	0	0	0	0	3	3
SSW	0	0	0	0	0	0	0
SW	0	0	0	0	0	0	0
WSW	0	0	0	0	0	0	0
W	0	0	0	0	0	0	0
WNW	0	0	0	0	0	0	0
NW	0	0	0	0	0	0	0
NNW	0	0	0	0	0	0	0
Variable	0	0	0	0	0	0	0
Total	0	0	0	0	0	3	3

Hours of calm in this stability class: 0
 Hours of missing wind measurements in this stability class: 0
 Hours of missing stability measurements in all stability classes: 1

LaSalle County Generating Station

Period of Record: January - March 2008

Stability Class - Slightly Unstable - 375Ft-33Ft Delta-T (F)

Winds Measured at 375 Feet

Wind Direction	Wind Speed (in mph)						Total
	1-3	4-7	8-12	13-18	19-24	> 24	
N	0	0	0	0	0	0	0
NNE	0	0	1	0	1	0	2
NE	0	0	0	1	0	4	5
ENE	0	0	0	0	0	0	0
E	0	0	0	0	0	0	0
ESE	0	0	0	0	2	0	2
SE	0	0	0	1	0	0	1
SSE	0	0	0	0	0	0	0
S	0	0	0	0	0	2	2
SSW	0	0	0	0	0	0	0
SW	0	0	0	0	0	0	0
WSW	0	0	0	0	1	1	2
W	0	0	0	0	0	0	0
WNW	0	0	0	0	0	1	1
NW	0	0	0	0	0	0	0
NNW	0	0	0	0	0	0	0
Variable	0	0	0	0	0	0	0
Total	0	0	1	2	4	8	15

Hours of calm in this stability class: 0
 Hours of missing wind measurements in this stability class: 1
 Hours of missing stability measurements in all stability classes: 1

LaSalle County Generating Station

Period of Record: January - March 2008

Stability Class - Neutral - 375Ft-33Ft Delta-T (F)

Winds Measured at 375 Feet

Wind Direction	Wind Speed (in mph)						Total
	1-3	4-7	8-12	13-18	19-24	> 24	
N	0	4	20	27	34	2	87
NNE	1	5	25	48	25	6	110
NE	0	6	16	13	13	13	61
ENE	0	3	10	20	28	14	75
E	1	1	6	17	16	11	52
ESE	1	2	6	17	20	6	52
SE	0	1	6	12	8	2	29
SSE	1	2	4	14	12	2	35
S	1	6	5	10	22	22	66
SSW	0	3	9	13	20	28	73
SW	2	3	11	14	12	15	57
WSW	0	17	14	13	9	3	56
W	1	9	26	26	35	38	135
WNW	2	8	17	39	71	73	210
NW	1	5	29	47	34	9	125
NNW	0	5	15	26	24	6	76
Variable	0	0	0	0	0	0	0
Total	11	80	219	356	383	250	1299

Hours of calm in this stability class: 0
 Hours of missing wind measurements in this stability class: 59
 Hours of missing stability measurements in all stability classes: 1

LaSalle County Generating Station

Period of Record: January - March 2008
 Stability Class - Slightly Stable - 375Ft-33Ft Delta-T (F)
 Winds Measured at 375 Feet

Wind Direction	Wind Speed (in mph)						Total
	1-3	4-7	8-12	13-18	19-24	> 24	
N	0	0	3	6	1	0	10
NNE	0	0	6	11	0	0	17
NE	0	0	4	6	1	0	11
ENE	1	0	0	7	1	0	9
E	0	2	1	8	9	5	25
ESE	1	1	0	4	7	10	23
SE	1	0	0	3	2	6	12
SSE	2	2	4	13	18	11	50
S	0	2	3	11	10	57	83
SSW	0	6	3	11	8	78	106
SW	1	1	5	4	4	7	22
WSW	1	1	4	0	5	4	15
W	2	3	13	6	7	25	56
WNW	1	3	10	9	7	53	83
NW	0	3	8	22	19	6	58
NNW	0	3	2	7	0	0	12
Variable	0	0	0	0	0	0	0
Total	10	27	66	128	99	262	592

Hours of calm in this stability class: 0
 Hours of missing wind measurements in this stability class: 1
 Hours of missing stability measurements in all stability classes: 1

LaSalle County Generating Station

Period of Record: January - March 2008
 Stability Class - Moderately Stable - 375Ft-33Ft Delta-T (F)
 Winds Measured at 375 Feet

Wind Direction	Wind Speed (in mph)						Total
	1-3	4-7	8-12	13-18	19-24	> 24	
N	0	1	1	0	1	0	3
NNE	0	0	0	1	0	0	1
NE	0	0	0	0	0	0	0
ENE	0	0	0	0	0	0	0
E	0	0	2	0	2	0	4
ESE	0	1	0	0	0	3	4
SE	0	0	1	1	1	3	6
SSE	0	1	1	2	4	4	12
S	0	0	3	2	0	18	23
SSW	0	1	0	1	3	16	21
SW	0	0	1	2	2	1	6
WSW	0	1	4	6	5	7	23
W	0	1	3	6	4	7	21
WNW	0	0	2	8	0	2	12
NW	0	1	4	9	9	2	25
NNW	0	0	0	3	5	0	8
Variable	0	0	0	0	0	0	0
Total	0	7	22	41	36	63	169

Hours of calm in this stability class: 0
 Hours of missing wind measurements in this stability class: 0
 Hours of missing stability measurements in all stability classes: 1

LaSalle County Generating Station

Period of Record: January - March 2008
 Stability Class - Extremely Stable - 375Ft-33Ft Delta-T (F)
 Winds Measured at 375 Feet

Wind Direction	Wind Speed (in mph)						Total
	1-3	4-7	8-12	13-18	19-24	> 24	
N	1	0	0	1	0	0	2
NNE	0	0	0	0	0	0	0
NE	0	0	0	0	0	0	0
ENE	0	0	0	0	0	0	0
E	0	0	0	0	0	0	0
ESE	0	0	0	0	0	0	0
SE	0	0	0	0	0	0	0
SSE	0	0	0	0	0	0	0
S	1	0	0	1	1	2	5
SSW	0	0	1	2	1	14	18
SW	0	0	2	2	5	0	9
WSW	0	0	1	3	0	0	4
W	0	0	0	1	0	0	1
WNW	0	0	0	0	1	0	1
NW	0	0	0	0	0	0	0
NNW	1	0	0	1	2	0	4
Variable	0	0	0	0	0	0	0
Total	3	0	4	11	10	16	44

Hours of calm in this stability class: 0
 Hours of missing wind measurements in this stability class: 0
 Hours of missing stability measurements in all stability classes: 1

LaSalle County Generating Station

Period of Record: April - June 2008

Stability Class - Extremely Unstable - 200Ft-33Ft Delta-T (F)

Winds Measured at 33 Feet

Wind Direction	Wind Speed (in mph)						Total
	1-3	4-7	8-12	13-18	19-24	> 24	
N	0	0	0	0	0	0	0
NNE	0	0	0	0	0	0	0
NE	0	0	0	0	0	0	0
ENE	0	0	0	0	0	1	1
E	0	0	0	0	0	1	1
ESE	0	0	0	1	0	0	1
SE	0	1	0	0	0	0	1
SSE	0	0	3	2	0	0	5
S	0	1	0	2	3	6	12
SSW	0	0	1	5	10	3	19
SW	0	0	1	0	1	1	3
WSW	0	0	1	0	4	1	6
W	0	0	0	3	0	1	4
WNW	0	1	5	5	0	0	11
NW	0	0	4	1	0	0	5
NNW	0	0	0	0	0	0	0
Variable	0	0	0	0	0	0	0
Total	0	3	15	19	18	14	69

Hours of calm in this stability class: 0
 Hours of missing wind measurements in this stability class: 0
 Hours of missing stability measurements in all stability classes: 3

LaSalle County Generating Station

Period of Record: April - June 2008

Stability Class - Moderately Unstable - 200Ft-33Ft Delta-T (F)

Winds Measured at 33 Feet

Wind Direction	Wind Speed (in mph)						Total
	1-3	4-7	8-12	13-18	19-24	> 24	
N	0	0	3	4	0	0	7
NNE	0	0	0	0	0	0	0
NE	0	0	0	0	0	0	0
ENE	0	0	0	5	1	1	7
E	0	1	0	0	2	2	5
ESE	0	1	1	1	0	4	7
SE	0	0	1	0	0	0	1
SSE	0	0	2	6	0	1	9
S	0	0	1	3	3	3	10
SSW	0	0	3	4	3	2	12
SW	0	1	4	1	2	2	10
WSW	0	0	2	8	4	0	14
W	0	0	1	8	0	1	10
WNW	1	0	7	13	4	0	25
NW	0	0	3	6	1	0	10
NNW	0	1	1	4	0	0	6
Variable	0	0	0	0	0	0	0
Total	1	4	29	63	20	16	133

Hours of calm in this stability class: 0
 Hours of missing wind measurements in this stability class: 0
 Hours of missing stability measurements in all stability classes: 3

LaSalle County Generating Station

Period of Record: April - June 2008

Stability Class - Slightly Unstable - 200Ft-33Ft Delta-T (F)

Winds Measured at 33 Feet

Wind Direction	Wind Speed (in mph)						Total
	1-3	4-7	8-12	13-18	19-24	> 24	
N	0	4	8	0	0	0	12
NNE	0	0	11	3	0	0	14
NE	0	0	1	2	0	0	3
ENE	0	0	3	5	3	0	11
E	0	0	2	1	0	0	3
ESE	0	0	2	0	3	0	5
SE	0	0	0	3	6	1	10
SSE	0	0	2	5	0	0	7
S	0	0	3	3	4	3	13
SSW	0	0	5	7	4	3	19
SW	0	4	6	1	2	0	13
WSW	0	1	10	12	7	1	31
W	0	0	4	6	3	0	13
WNW	0	1	5	8	1	0	15
NW	0	2	6	11	0	0	19
NNW	0	0	7	18	0	0	25
Variable	0	0	0	0	0	0	0
Total	0	12	75	85	33	8	213

Hours of calm in this stability class: 0
 Hours of missing wind measurements in this stability class: 0
 Hours of missing stability measurements in all stability classes: 3

LaSalle County Generating Station

Period of Record: April - June 2008

Stability Class - Neutral - 200Ft-33Ft Delta-T (F)

Winds Measured at 33 Feet

Wind Direction	Wind Speed (in mph)						Total
	1-3	4-7	8-12	13-18	19-24	> 24	
N	0	28	15	2	3	0	48
NNE	0	21	12	3	1	0	37
NE	1	9	28	33	1	0	72
ENE	0	4	11	27	7	4	53
E	1	6	12	14	1	1	35
ESE	2	5	9	5	1	1	23
SE	0	5	16	4	3	6	34
SSE	0	7	6	10	1	0	24
S	0	5	12	18	20	3	58
SSW	0	7	10	17	8	4	46
SW	3	6	12	14	8	8	51
WSW	1	6	22	16	6	4	55
W	0	15	15	13	16	6	65
WNW	0	12	20	15	12	0	59
NW	1	9	32	25	2	0	69
NNW	0	6	29	22	5	0	62
Variable	0	0	0	0	0	0	0
Total	9	151	261	238	95	37	791

Hours of calm in this stability class: 0
 Hours of missing wind measurements in this stability class: 0
 Hours of missing stability measurements in all stability classes: 3

LaSalle County Generating Station

Period of Record: April - June 2008
 Stability Class - Slightly Stable - 200Ft-33Ft Delta-T (F)
 Winds Measured at 33 Feet

Wind Direction	Wind Speed (in mph)						Total
	1-3	4-7	8-12	13-18	19-24	> 24	
N	0	22	5	0	0	0	27
NNE	1	15	6	1	0	0	23
NE	1	3	14	1	0	0	19
ENE	0	7	7	7	0	0	21
E	0	6	13	2	0	0	21
ESE	0	7	11	7	7	0	32
SE	0	6	8	5	0	0	19
SSE	0	2	6	14	1	0	23
S	1	8	12	36	7	0	64
SSW	0	6	22	46	4	0	78
SW	0	4	16	7	1	1	29
WSW	4	10	15	11	1	0	41
W	3	10	13	3	5	1	35
WNW	2	7	7	5	9	2	32
NW	0	16	4	2	0	0	22
NNW	1	10	8	1	0	0	20
Variable	0	0	0	0	0	0	0
Total	13	139	167	148	35	4	506

Hours of calm in this stability class: 0
 Hours of missing wind measurements in this stability class: 0
 Hours of missing stability measurements in all stability classes: 3

LaSalle County Generating Station

Period of Record: April - June 2008

Stability Class - Moderately Stable - 200Ft-33Ft Delta-T (F)
Winds Measured at 33 Feet

Wind Direction	Wind Speed (in mph)						Total
	1-3	4-7	8-12	13-18	19-24	> 24	
N	0	2	0	0	0	0	2
NNE	1	4	0	0	0	0	5
NE	0	3	0	0	0	0	3
ENE	1	2	0	0	0	0	3
E	1	13	13	0	0	0	27
ESE	0	4	13	1	0	0	18
SE	2	3	14	0	0	0	19
SSE	1	5	4	0	0	0	10
S	1	7	11	2	0	0	21
SSW	0	6	14	2	0	0	22
SW	1	7	8	9	0	0	25
WSW	1	10	10	3	0	0	24
W	2	13	10	0	0	0	25
WNW	4	32	5	0	0	0	41
NW	0	4	5	0	0	0	9
NNW	0	5	0	0	0	0	5
Variable	0	0	0	0	0	0	0
Total	15	120	107	17	0	0	259

Hours of calm in this stability class: 1
 Hours of missing wind measurements in this stability class: 0
 Hours of missing stability measurements in all stability classes: 3

LaSalle County Generating Station

Period of Record: April - June 2008
 Stability Class - Extremely Stable - 200Ft-33Ft Delta-T (F)
 Winds Measured at 33 Feet

Wind Direction	Wind Speed (in mph)						Total
	1-3	4-7	8-12	13-18	19-24	> 24	
N	0	0	0	0	0	0	0
NNE	0	0	0	0	0	0	0
NE	0	0	0	0	0	0	0
ENE	0	1	0	0	0	0	1
E	0	2	0	0	0	0	2
ESE	0	10	3	0	0	0	13
SE	1	10	13	0	0	0	24
SSE	0	13	10	0	0	0	23
S	0	11	4	0	0	0	15
SSW	0	6	13	0	0	0	19
SW	0	10	19	0	0	0	29
WSW	1	11	17	0	0	0	29
W	0	15	10	0	0	0	25
WNW	0	21	1	0	0	0	22
NW	0	7	0	0	0	0	7
NNW	0	0	0	0	0	0	0
Variable	0	0	0	0	0	0	0
Total	2	117	90	0	0	0	209

Hours of calm in this stability class: 0
 Hours of missing wind measurements in this stability class: 0
 Hours of missing stability measurements in all stability classes: 3

LaSalle County Generating Station

Period of Record: April - June 2008

Stability Class - Extremely Unstable - 375Ft-33Ft Delta-T (F)

Winds Measured at 375 Feet

Wind Direction	Wind Speed (in mph)						Total
	1-3	4-7	8-12	13-18	19-24	> 24	
N	0	0	0	0	0	0	0
NNE	0	0	0	0	0	0	0
NE	0	0	0	0	0	0	0
ENE	0	0	0	0	0	0	0
E	0	0	0	0	0	0	0
ESE	0	0	0	0	0	0	0
SE	0	0	0	0	0	0	0
SSE	0	0	0	0	0	0	0
S	0	0	0	0	0	1	1
SSW	0	0	0	0	0	2	2
SW	0	0	0	0	0	0	0
WSW	0	0	0	0	0	0	0
W	0	0	0	0	0	0	0
WNW	0	0	0	0	0	0	0
NW	0	0	0	0	0	0	0
NNW	0	0	0	0	0	0	0
Variable	0	0	0	0	0	0	0
Total	0	0	0	0	0	3	3

Hours of calm in this stability class: 0
 Hours of missing wind measurements in this stability class: 0
 Hours of missing stability measurements in all stability classes: 3

LaSalle County Generating Station

Period of Record: April - June 2008

Stability Class - Moderately Unstable - 375Ft-33Ft Delta-T (F)

Winds Measured at 375 Feet

Wind Direction	Wind Speed (in mph)						Total
	1-3	4-7	8-12	13-18	19-24	> 24	
N	0	0	0	0	0	0	0
NNE	0	0	0	0	0	0	0
NE	0	0	0	0	0	0	0
ENE	0	0	0	0	0	0	0
E	0	0	0	0	0	0	0
ESE	0	0	0	0	0	0	0
SE	0	0	0	0	0	0	0
SSE	0	0	0	0	0	0	0
S	0	0	0	0	0	4	4
SSW	0	0	0	0	2	3	5
SW	0	0	0	0	0	0	0
WSW	0	0	0	0	1	2	3
W	0	0	0	0	0	0	0
WNW	0	0	1	0	0	0	1
NW	0	0	0	0	0	0	0
NNW	0	0	0	0	0	0	0
Variable	0	0	0	0	0	0	0
Total	0	0	1	0	3	9	13

Hours of calm in this stability class: 0
 Hours of missing wind measurements in this stability class: 0
 Hours of missing stability measurements in all stability classes: 3

LaSalle County Generating Station

Period of Record: April - June 2008

Stability Class - Slightly Unstable - 375Ft-33Ft Delta-T (F)

Winds Measured at 375 Feet

Wind Direction	Wind Speed (in mph)						Total
	1-3	4-7	8-12	13-18	19-24	> 24	
N	0	0	0	0	0	0	0
NNE	0	0	0	0	0	0	0
NE	0	0	0	0	0	0	0
ENE	0	0	0	2	1	1	4
E	0	0	0	0	0	0	0
ESE	0	0	0	1	0	0	1
SE	0	0	1	0	0	0	1
SSE	0	0	2	5	2	0	9
S	0	1	0	4	2	9	16
SSW	0	0	1	0	1	5	7
SW	0	0	0	0	1	2	3
WSW	0	0	0	1	2	4	7
W	0	0	2	0	3	1	6
WNW	0	0	2	1	0	0	3
NW	0	0	1	1	0	0	2
NNW	0	0	0	0	0	0	0
Variable	0	0	0	0	0	0	0
Total	0	1	9	15	12	22	59

Hours of calm in this stability class: 0
 Hours of missing wind measurements in this stability class: 0
 Hours of missing stability measurements in all stability classes: 3

LaSalle County Generating Station

Period of Record: April - June 2008

Stability Class - Neutral - 375Ft-33Ft Delta-T (F)

Winds Measured at 375 Feet

Wind Direction	Wind Speed (in mph)						Total
	1-3	4-7	8-12	13-18	19-24	> 24	
N	0	13	16	20	5	3	57
NNE	0	8	14	19	20	4	65
NE	1	1	12	18	36	15	83
ENE	1	3	6	12	22	11	55
E	2	4	5	13	6	7	37
ESE	0	2	11	6	2	12	33
SE	1	4	12	8	15	7	47
SSE	0	2	9	18	7	5	41
S	0	1	7	7	25	47	87
SSW	0	7	16	9	16	40	88
SW	0	6	14	14	15	18	67
WSW	0	5	12	40	22	22	101
W	0	12	13	12	16	21	74
WNW	0	7	22	25	41	14	109
NW	0	7	17	43	35	7	109
NNW	0	6	16	23	19	5	69
Variable	0	0	0	0	0	0	0
Total	5	88	202	287	302	238	1122

Hours of calm in this stability class: 0
 Hours of missing wind measurements in this stability class: 0
 Hours of missing stability measurements in all stability classes: 3

LaSalle County Generating Station

Period of Record: April - June 2008

Stability Class - Slightly Stable - 375Ft-33Ft Delta-T (F)

Winds Measured at 375 Feet

Wind Direction	Wind Speed (in mph)						Total
	1-3	4-7	8-12	13-18	19-24	> 24	
N	0	4	7	12	6	0	29
NNE	0	3	10	11	3	0	27
NE	0	3	9	7	5	0	24
ENE	0	1	9	8	12	2	32
E	0	0	4	9	5	1	19
ESE	0	1	3	3	8	14	29
SE	0	0	7	4	2	11	24
SSE	0	1	4	5	7	11	28
S	1	2	4	4	9	46	66
SSW	0	1	6	5	16	68	96
SW	0	1	3	6	11	22	43
WSW	1	3	6	11	9	13	43
W	0	3	6	8	14	17	48
WNW	0	2	6	16	11	11	46
NW	0	6	12	9	6	2	35
NNW	2	5	2	11	8	0	28
Variable	0	0	0	0	0	0	0
Total	4	36	98	129	132	218	617

Hours of calm in this stability class: 0
 Hours of missing wind measurements in this stability class: 0
 Hours of missing stability measurements in all stability classes: 3

LaSalle County Generating Station

Period of Record: April - June 2008

Stability Class - Moderately Stable - 375Ft-33Ft Delta-T (F)

Winds Measured at 375 Feet

Wind Direction	Wind Speed (in mph)						Total
	1-3	4-7	8-12	13-18	19-24	> 24	
N	0	2	2	3	0	0	7
NNE	0	3	0	0	0	0	3
NE	0	0	1	1	0	0	2
ENE	0	0	0	0	0	0	0
E	0	0	0	8	1	1	10
ESE	0	0	3	7	3	5	18
SE	0	0	3	9	8	5	25
SSE	0	0	0	7	4	8	19
S	0	0	0	6	5	11	22
SSW	0	1	0	2	4	10	17
SW	0	1	1	6	9	13	30
WSW	0	1	5	7	4	3	20
W	0	2	6	6	11	2	27
WNW	0	2	4	15	11	1	33
NW	0	2	3	10	7	0	22
NNW	0	3	4	11	1	0	19
Variable	0	0	0	0	0	0	0
Total	0	17	32	98	68	59	274

Hours of calm in this stability class: 0
 Hours of missing wind measurements in this stability class: 0
 Hours of missing stability measurements in all stability classes: 3

LaSalle County Generating Station

Period of Record: April - June 2008

Stability Class - Extremely Stable - 375Ft-33Ft Delta-T (F)

Winds Measured at 375 Feet

Wind Direction	Wind Speed (in mph)						Total
	1-3	4-7	8-12	13-18	19-24	> 24	
N	0	0	0	0	0	0	0
NNE	0	0	0	0	0	0	0
NE	0	0	0	0	0	0	0
ENE	0	0	0	0	0	0	0
E	0	0	0	0	0	0	0
ESE	0	0	0	2	1	0	3
SE	0	0	0	0	2	7	9
SSE	0	0	0	0	3	11	14
S	0	0	0	4	1	11	16
SSW	0	0	1	6	2	1	10
SW	0	1	1	4	0	3	9
WSW	0	0	0	1	5	6	12
W	0	0	2	2	5	2	11
WNW	0	1	1	1	3	0	6
NW	0	1	0	0	0	2	3
NNW	0	0	0	0	0	0	0
Variable	0	0	0	0	0	0	0
Total	0	3	5	20	22	43	93

Hours of calm in this stability class: 0
 Hours of missing wind measurements in this stability class: 0
 Hours of missing stability measurements in all stability classes: 3

LaSalle County Generating Station

Period of Record: July - September 2008

Stability Class - Extremely Unstable - 200Ft-33Ft Delta-T (F)

Winds Measured at 33 Feet

Wind Direction	Wind Speed (in mph)						Total
	1-3	4-7	8-12	13-18	19-24	> 24	
N	0	1	3	0	0	0	4
NNE	0	0	0	0	0	0	0
NE	0	0	0	0	0	0	0
ENE	0	0	0	0	0	0	0
E	0	0	0	0	0	0	0
ESE	0	0	0	0	0	0	0
SE	0	0	0	0	0	0	0
SSE	0	0	0	0	0	0	0
S	0	0	0	0	0	0	0
SSW	0	0	0	0	0	0	0
SW	0	3	2	3	1	0	9
WSW	0	1	7	1	2	0	11
W	0	0	7	4	0	0	11
WNW	0	0	7	3	0	0	10
NW	0	0	1	5	0	0	6
NNW	0	0	2	1	0	0	3
Variable	0	0	0	0	0	0	0
Total	0	5	29	17	3	0	54

Hours of calm in this stability class: 0
 Hours of missing wind measurements in this stability class: 0
 Hours of missing stability measurements in all stability classes: 0

LaSalle County Generating Station

Period of Record: July - September 2008

Stability Class - Moderately Unstable - 200Ft-33Ft Delta-T (F)

Winds Measured at 33 Feet

Wind Direction	Wind Speed (in mph)						Total
	1-3	4-7	8-12	13-18	19-24	> 24	
N	0	1	10	0	0	0	11
NNE	0	3	1	0	0	0	4
NE	0	0	6	0	0	0	6
ENE	0	0	1	0	0	0	1
E	0	0	1	0	0	0	1
ESE	0	0	2	0	0	0	2
SE	0	0	2	0	0	0	2
SSE	0	0	0	1	0	0	1
S	0	0	3	1	0	0	4
SSW	0	3	5	0	0	0	8
SW	0	4	15	4	0	0	23
WSW	0	5	18	1	0	0	24
W	0	1	23	2	0	0	26
WNW	0	4	21	3	0	0	28
NW	0	1	5	0	0	0	6
NNW	0	1	3	2	0	0	6
Variable	0	0	0	0	0	0	0
Total	0	23	116	14	0	0	153

Hours of calm in this stability class: 0
 Hours of missing wind measurements in this stability class: 0
 Hours of missing stability measurements in all stability classes: 0

LaSalle County Generating Station

Period of Record: July - September 2008

Stability Class - Slightly Unstable - 200Ft-33Ft Delta-T (F)
 Winds Measured at 33 Feet

Wind Direction	Wind Speed (in mph)						Total
	1-3	4-7	8-12	13-18	19-24	> 24	
N	0	7	16	0	0	0	23
NNE	0	8	5	0	0	0	13
NE	0	2	7	0	0	0	9
ENE	0	1	8	1	0	0	10
E	0	0	6	0	0	0	6
ESE	0	3	2	0	0	0	5
SE	0	1	5	2	0	0	8
SSE	0	2	3	1	0	0	6
S	0	4	7	2	0	0	13
SSW	0	5	8	0	0	0	13
SW	0	8	13	4	0	0	25
WSW	0	4	10	4	1	0	19
W	0	6	26	4	0	0	36
WNW	0	6	17	2	0	0	25
NW	0	2	9	0	0	0	11
NNW	0	7	19	5	0	0	31
Variable	0	0	0	0	0	0	0
Total	0	66	161	25	1	0	253

Hours of calm in this stability class: 0
 Hours of missing wind measurements in this stability class: 0
 Hours of missing stability measurements in all stability classes: 0

LaSalle County Generating Station

Period of Record: July - September 2008

Stability Class - Neutral - 200Ft-33Ft Delta-T (F)

Winds Measured at 33 Feet

Wind Direction	Wind Speed (in mph)						Total
	1-3	4-7	8-12	13-18	19-24	> 24	
N	1	33	17	3	0	0	54
NNE	2	33	7	0	0	0	42
NE	0	22	32	6	0	0	60
ENE	0	23	32	7	0	0	62
E	0	20	17	3	0	0	40
ESE	1	12	12	0	0	0	25
SE	1	24	18	1	0	0	44
SSE	0	28	18	0	0	0	46
S	0	10	24	1	0	0	35
SSW	1	10	7	4	0	0	22
SW	0	16	29	5	0	0	50
WSW	2	12	11	7	1	0	33
W	0	15	15	1	1	0	32
WNW	2	17	12	5	2	0	38
NW	0	8	16	6	0	0	30
NNW	0	13	20	2	1	0	36
Variable	0	0	0	0	0	0	0
Total	10	296	287	51	5	0	649

Hours of calm in this stability class: 0
 Hours of missing wind measurements in this stability class: 0
 Hours of missing stability measurements in all stability classes: 0

LaSalle County Generating Station

Period of Record: July - September 2008
 Stability Class - Slightly Stable - 200Ft-33Ft Delta-T (F)
 Winds Measured at 33 Feet

Wind Direction	Wind Speed (in mph)						Total
	1-3	4-7	8-12	13-18	19-24	> 24	
N	1	23	3	1	0	0	28
NNE	3	23	1	0	0	0	27
NE	3	9	16	0	0	0	28
ENE	0	6	21	1	0	0	28
E	1	18	21	2	0	0	42
ESE	0	14	3	0	0	0	17
SE	3	14	2	0	0	0	19
SSE	2	16	6	0	0	0	24
S	2	9	12	1	0	0	24
SSW	3	16	15	1	0	0	35
SW	1	11	11	1	0	0	24
WSW	2	15	15	1	0	0	33
W	3	14	14	0	0	0	31
WNW	0	26	5	0	0	0	31
NW	2	27	5	1	0	0	35
NNW	1	16	3	0	0	0	20
Variable	0	0	0	0	0	0	0
Total	27	257	153	9	0	0	446

Hours of calm in this stability class: 0
 Hours of missing wind measurements in this stability class: 1
 Hours of missing stability measurements in all stability classes: 0

LaSalle County Generating Station

Period of Record: July - September 2008

Stability Class - Moderately Stable - 200Ft-33Ft Delta-T (F)

Winds Measured at 33 Feet

Wind Direction	Wind Speed (in mph)						Total
	1-3	4-7	8-12	13-18	19-24	> 24	
N	1	15	0	0	0	0	16
NNE	4	8	0	0	0	0	12
NE	1	3	1	0	0	0	5
ENE	0	3	0	0	0	0	3
E	0	18	10	0	0	0	28
ESE	0	32	3	0	0	0	35
SE	2	34	1	0	0	0	37
SSE	2	10	1	1	0	0	14
S	2	19	4	0	0	0	25
SSW	2	8	2	0	0	0	12
SW	2	18	0	0	0	0	20
WSW	0	15	13	0	0	0	28
W	5	10	2	0	0	0	17
WNW	4	14	2	0	0	0	20
NW	4	20	2	0	0	0	26
NNW	3	10	0	0	0	0	13
Variable	0	0	0	0	0	0	0
Total	32	237	41	1	0	0	311

Hours of calm in this stability class: 0
 Hours of missing wind measurements in this stability class: 0
 Hours of missing stability measurements in all stability classes: 0

LaSalle County Generating Station

Period of Record: July - September 2008
 Stability Class - Extremely Stable - 200Ft-33Ft Delta-T (F)
 Winds Measured at 33 Feet

Wind Direction	Wind Speed (in mph)						Total
	1-3	4-7	8-12	13-18	19-24	> 24	
N	3	2	0	0	0	0	5
NNE	1	1	0	0	0	0	2
NE	1	0	0	0	0	0	1
ENE	0	0	0	0	0	0	0
E	0	5	0	0	0	0	5
ESE	3	53	1	0	0	0	57
SE	0	29	0	0	0	0	29
SSE	0	18	1	0	0	0	19
S	2	22	0	0	0	0	24
SSW	0	36	11	0	0	0	47
SW	0	53	5	0	0	0	58
WSW	2	23	18	0	0	0	43
W	0	24	4	0	0	0	28
WNW	1	15	0	0	0	0	16
NW	1	3	0	0	0	0	4
NNW	1	2	0	0	0	0	3
Variable	0	0	0	0	0	0	0
Total	15	286	40	0	0	0	341

Hours of calm in this stability class: 0
 Hours of missing wind measurements in this stability class: 0
 Hours of missing stability measurements in all stability classes: 0

LaSalle County Generating Station

Period of Record: July - September 2008

Stability Class - Extremely Unstable - 375Ft-33Ft Delta-T (F)

Winds Measured at 375 Feet

Wind Direction	Wind Speed (in mph)						Total
	1-3	4-7	8-12	13-18	19-24	> 24	
N	0	0	0	0	0	0	0
NNE	0	0	0	0	0	0	0
NE	0	0	0	0	0	0	0
ENE	0	0	0	0	0	0	0
E	0	0	0	0	0	0	0
ESE	0	0	0	0	0	0	0
SE	0	0	0	0	0	0	0
SSE	0	0	0	0	0	0	0
S	0	0	0	0	0	0	0
SSW	0	0	0	0	0	0	0
SW	0	0	0	0	0	0	0
WSW	0	0	0	0	0	0	0
W	0	0	0	0	0	0	0
WNW	0	0	0	0	0	0	0
NW	0	0	0	0	0	0	0
NNW	0	0	0	0	0	0	0
Variable	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0

Hours of calm in this stability class: 0
 Hours of missing wind measurements in this stability class: 0
 Hours of missing stability measurements in all stability classes: 0

LaSalle County Generating Station

Period of Record: July - September 2008

Stability Class - Moderately Unstable - 375Ft-33Ft Delta-T (F)

Winds Measured at 375 Feet

Wind Direction	Wind Speed (in mph)						Total
	1-3	4-7	8-12	13-18	19-24	> 24	
N	0	0	0	0	0	0	0
NNE	0	0	0	0	0	0	0
NE	0	0	0	0	0	0	0
ENE	0	0	0	0	0	0	0
E	0	0	0	0	0	0	0
ESE	0	0	0	0	0	0	0
SE	0	0	0	0	0	0	0
SSE	0	0	0	0	0	0	0
S	0	0	0	0	0	0	0
SSW	0	0	0	0	0	0	0
SW	0	0	0	0	0	0	0
WSW	0	0	0	0	0	0	0
W	0	0	0	1	0	0	1
WNW	0	0	0	0	0	0	0
NW	0	0	0	0	0	1	1
NNW	0	0	0	0	0	0	0
Variable	0	0	0	0	0	0	0
Total	0	0	0	1	0	1	2

Hours of calm in this stability class: 0
 Hours of missing wind measurements in this stability class: 0
 Hours of missing stability measurements in all stability classes: 0

LaSalle County Generating Station

Period of Record: July - September 2008

Stability Class - Slightly Unstable - 375Ft-33Ft Delta-T (F)

Winds Measured at 375 Feet

Wind Direction	Wind Speed (in mph)						Total
	1-3	4-7	8-12	13-18	19-24	> 24	
N	0	0	0	0	0	0	0
NNE	0	0	0	1	0	0	1
NE	0	0	0	4	0	0	4
ENE	0	0	0	1	0	0	1
E	0	0	0	0	0	0	0
ESE	0	0	0	0	0	0	0
SE	0	0	0	0	0	0	0
SSE	0	0	0	0	0	0	0
S	0	0	0	3	0	0	3
SSW	0	0	1	0	1	0	2
SW	0	0	1	1	2	4	8
WSW	0	0	1	7	0	0	8
W	0	0	5	5	0	0	10
WNW	0	0	5	0	0	0	5
NW	0	0	0	1	0	2	3
NNW	0	0	0	0	0	0	0
Variable	0	0	0	0	0	0	0
Total	0	0	13	23	3	6	45

Hours of calm in this stability class: 0
 Hours of missing wind measurements in this stability class: 0
 Hours of missing stability measurements in all stability classes: 0

LaSalle County Generating Station

Period of Record: July - September 2008

Stability Class - Neutral - 375Ft-33Ft Delta-T (F)

Winds Measured at 375 Feet

Wind Direction	Wind Speed (in mph)						Total
	1-3	4-7	8-12	13-18	19-24	> 24	
N	0	16	34	22	5	2	79
NNE	0	11	31	14	4	0	60
NE	0	17	22	31	16	0	86
ENE	0	14	18	24	8	1	65
E	0	7	13	13	0	0	33
ESE	0	10	18	4	0	0	32
SE	0	22	14	11	3	0	50
SSE	0	14	18	11	0	0	43
S	1	10	19	27	5	0	62
SSW	0	2	14	11	12	4	43
SW	0	7	28	33	19	5	92
WSW	0	10	34	22	8	1	75
W	0	7	53	28	4	2	94
WNW	0	13	32	17	7	3	72
NW	0	4	21	32	13	0	70
NNW	0	9	32	25	4	0	70
Variable	0	0	0	0	0	0	0
Total	1	173	401	325	108	18	1026

Hours of calm in this stability class: 0
 Hours of missing wind measurements in this stability class: 1
 Hours of missing stability measurements in all stability classes: 0

LaSalle County Generating Station

Period of Record: July - September 2008

Stability Class - Slightly Stable - 375Ft-33Ft Delta-T (F)

Winds Measured at 375 Feet

Wind Direction	Wind Speed (in mph)						Total
	1-3	4-7	8-12	13-18	19-24	> 24	
N	0	6	1	11	5	1	24
NNE	2	6	8	14	1	0	31
NE	0	3	3	30	4	0	40
ENE	1	2	11	28	4	1	47
E	1	3	6	16	12	2	40
ESE	0	7	5	11	11	0	34
SE	0	6	4	7	2	0	19
SSE	1	3	5	10	3	1	23
S	2	4	4	10	15	5	40
SSW	4	1	9	7	18	10	49
SW	0	5	8	11	3	4	31
WSW	0	5	5	7	12	1	30
W	0	4	10	14	13	2	43
WNW	2	3	9	17	6	4	41
NW	1	2	12	25	5	1	46
NNW	1	9	5	18	9	0	42
Variable	0	0	0	0	0	0	0
Total	15	69	105	236	123	32	580

Hours of calm in this stability class: 1
 Hours of missing wind measurements in this stability class: 0
 Hours of missing stability measurements in all stability classes: 0

LaSalle County Generating Station

Period of Record: July - September 2008

Stability Class - Moderately Stable - 375Ft-33Ft Delta-T (F)

Winds Measured at 375 Feet

Wind Direction	Wind Speed (in mph)						Total
	1-3	4-7	8-12	13-18	19-24	> 24	
N	1	5	5	7	1	0	19
NNE	0	4	7	6	0	0	17
NE	1	3	3	1	0	0	8
ENE	0	3	3	4	1	0	11
E	2	1	6	11	6	0	26
ESE	2	2	6	6	11	2	29
SE	1	1	5	17	8	11	43
SSE	0	5	8	11	5	3	32
S	1	7	6	11	5	1	31
SSW	0	1	5	5	3	4	18
SW	0	0	5	12	8	3	28
WSW	0	1	2	11	9	1	24
W	0	2	10	11	11	5	39
WNW	0	2	12	3	7	1	25
NW	1	1	7	6	2	0	17
NNW	0	1	5	7	2	0	15
Variable	0	0	0	0	0	0	0
Total	9	39	95	129	79	31	382

Hours of calm in this stability class: 0
 Hours of missing wind measurements in this stability class: 0
 Hours of missing stability measurements in all stability classes: 0

LaSalle County Generating Station

Period of Record: July - September 2008

Stability Class - Extremely Stable - 375Ft-33Ft Delta-T (F)

Winds Measured at 375 Feet

Wind Direction	Wind Speed (in mph)						Total
	1-3	4-7	8-12	13-18	19-24	> 24	
N	0	0	0	0	0	0	0
NNE	0	0	0	0	0	0	0
NE	0	0	0	0	0	0	0
ENE	0	1	2	0	0	0	3
E	0	0	2	1	0	0	3
ESE	0	0	1	3	8	2	14
SE	0	0	0	2	13	5	20
SSE	0	0	1	4	6	7	18
S	0	0	1	5	7	0	13
SSW	0	0	1	4	11	7	23
SW	0	0	2	3	11	6	22
WSW	0	0	0	5	9	1	15
W	0	0	7	1	6	5	19
WNW	0	1	2	8	7	0	18
NW	0	0	1	1	0	0	2
NNW	0	0	0	0	1	0	1
Variable	0	0	0	0	0	0	0
Total	0	2	20	37	79	33	171

Hours of calm in this stability class: 0
 Hours of missing wind measurements in this stability class: 0
 Hours of missing stability measurements in all stability classes: 0

LaSalle County Generating Station

Period of Record: October - December 2008

Stability Class - Extremely Unstable - 200Ft-33Ft Delta-T (F)

Winds Measured at 33 Feet

Wind Direction	Wind Speed (in mph)						Total
	1-3	4-7	8-12	13-18	19-24	> 24	
N	0	0	1	0	0	0	1
NNE	0	0	0	0	0	0	0
NE	0	0	0	0	0	0	0
ENE	0	0	0	0	0	0	0
E	0	0	0	0	0	0	0
ESE	0	0	0	0	0	0	0
SE	0	0	0	0	2	0	2
SSE	0	0	0	1	0	0	1
S	0	0	0	0	0	0	0
SSW	0	0	0	0	0	0	0
SW	0	0	0	1	0	0	1
WSW	0	0	0	0	0	0	0
W	0	0	0	0	0	0	0
WNW	0	0	0	0	0	0	0
NW	0	0	1	0	0	0	1
NNW	0	0	0	0	4	0	4
Variable	0	0	0	0	0	0	0
Total	0	0	2	2	6	0	10

Hours of calm in this stability class: 0

Hours of missing wind measurements in this stability class: 16

Hours of missing stability measurements in all stability classes: 4

LaSalle County Generating Station

Period of Record: October - December 2008

Stability Class - Moderately Unstable - 200Ft-33Ft Delta-T (F)

Winds Measured at 33 Feet

Wind Direction	Wind Speed (in mph)						Total
	1-3	4-7	8-12	13-18	19-24	> 24	
N	0	1	2	2	0	0	5
NNE	0	0	0	0	0	0	0
NE	0	0	0	0	0	0	0
ENE	0	0	0	0	0	0	0
E	0	0	0	0	0	0	0
ESE	0	0	0	1	0	0	1
SE	0	0	0	1	0	0	1
SSE	0	0	0	1	0	0	1
S	0	0	0	1	0	0	1
SSW	0	0	1	3	2	0	6
SW	0	0	0	0	0	0	0
WSW	0	0	0	1	0	0	1
W	0	0	0	0	0	0	0
WNW	0	0	1	7	0	1	9
NW	0	0	2	0	0	0	2
NNW	0	1	2	2	4	0	9
Variable	0	0	0	0	0	0	0
Total	0	2	8	19	6	1	36

Hours of calm in this stability class: 0
 Hours of missing wind measurements in this stability class: 3
 Hours of missing stability measurements in all stability classes: 4

LaSalle County Generating Station

Period of Record: October - December 2008

Stability Class - Slightly Unstable - 200Ft-33Ft Delta-T (F)

Winds Measured at 33 Feet

Wind Direction	Wind Speed (in mph)						Total
	1-3	4-7	8-12	13-18	19-24	> 24	
N	0	0	3	7	0	0	10
NNE	0	0	2	2	0	0	4
NE	0	0	0	0	0	0	0
ENE	0	0	0	0	0	0	0
E	0	0	0	0	0	0	0
ESE	0	1	0	0	0	0	1
SE	0	0	0	2	0	0	2
SSE	0	0	1	0	0	0	1
S	0	0	4	0	1	0	5
SSW	0	0	5	11	2	0	18
SW	0	0	0	2	1	0	3
WSW	0	0	0	3	0	0	3
W	0	0	0	1	0	0	1
WNW	0	0	1	8	1	3	13
NW	0	1	1	1	0	0	3
NNW	0	0	0	4	3	0	7
Variable	0	0	0	0	0	0	0
Total	0	2	17	41	8	3	71

Hours of calm in this stability class: 0
 Hours of missing wind measurements in this stability class: 3
 Hours of missing stability measurements in all stability classes: 4

LaSalle County Generating Station

Period of Record: October - December 2008

Stability Class - Neutral - 200Ft-33Ft Delta-T (F)

Winds Measured at 33 Feet

Wind Direction	Wind Speed (in mph)						Total
	1-3	4-7	8-12	13-18	19-24	> 24	
N	0	22	30	24	1	0	77
NNE	1	10	5	0	0	0	16
NE	0	13	5	0	0	0	18
ENE	1	16	13	13	0	0	43
E	0	5	16	8	0	0	29
ESE	0	2	19	25	7	1	54
SE	0	5	15	17	0	0	37
SSE	0	3	9	5	1	0	18
S	0	3	27	13	9	6	58
SSW	0	12	25	31	4	0	72
SW	0	4	30	12	1	0	47
WSW	1	8	18	22	5	1	55
W	1	10	21	22	2	2	58
WNW	0	10	58	66	18	10	162
NW	0	6	29	37	10	0	82
NNW	0	15	45	72	14	0	146
Variable	0	0	0	0	0	0	0
Total	4	144	365	367	72	20	972

Hours of calm in this stability class: 1
 Hours of missing wind measurements in this stability class: 59
 Hours of missing stability measurements in all stability classes: 4

LaSalle County Generating Station

Period of Record: October - December 2008

Stability Class - Slightly Stable - 200Ft-33Ft Delta-T (F)

Winds Measured at 33 Feet

Wind Direction	Wind Speed (in mph)						Total
	1-3	4-7	8-12	13-18	19-24	> 24	
N	2	15	4	1	0	0	22
NNE	2	7	2	0	0	0	11
NE	0	3	3	0	0	0	6
ENE	0	4	10	1	0	0	15
E	0	7	18	12	0	0	37
ESE	1	8	12	17	1	0	39
SE	0	8	2	5	0	0	15
SSE	0	10	5	1	3	0	19
S	1	10	17	12	21	10	71
SSW	1	9	10	21	16	1	58
SW	2	6	16	14	3	0	41
WSW	2	1	4	11	3	4	25
W	3	6	4	4	7	3	27
WNW	0	6	15	14	20	14	69
NW	2	7	26	3	0	0	38
NNW	3	7	16	4	0	0	30
Variable	0	0	0	0	0	0	0
Total	19	114	164	120	74	32	523

Hours of calm in this stability class: 0
 Hours of missing wind measurements in this stability class: 28
 Hours of missing stability measurements in all stability classes: 4

LaSalle County Generating Station

Period of Record: October - December 2008

Stability Class - Moderately Stable - 200Ft-33Ft Delta-T (F)

Winds Measured at 33 Feet

Wind Direction	Wind Speed (in mph)						Total
	1-3	4-7	8-12	13-18	19-24	> 24	
N	1	9	0	0	0	0	10
NNE	0	1	0	0	0	0	1
NE	0	1	0	0	0	0	1
ENE	1	1	2	0	0	0	4
E	0	10	16	1	0	0	27
ESE	2	6	8	0	0	0	16
SE	0	9	2	0	0	0	11
SSE	1	14	6	3	0	0	24
S	1	7	10	5	0	0	23
SSW	0	3	18	5	0	0	26
SW	1	1	11	5	0	0	18
WSW	0	4	4	0	0	0	8
W	1	2	14	8	0	0	25
WNW	1	18	8	3	0	0	30
NW	0	2	0	0	0	0	2
NNW	0	2	0	0	0	0	2
Variable	0	0	0	0	0	0	0
Total	9	90	99	30	0	0	228

Hours of calm in this stability class: 0
 Hours of missing wind measurements in this stability class: 22
 Hours of missing stability measurements in all stability classes: 4

LaSalle County Generating Station

Period of Record: October - December 2008

Stability Class - Extremely Stable - 200Ft-33Ft Delta-T (F)

Winds Measured at 33 Feet

Wind Direction	Wind Speed (in mph)						Total
	1-3	4-7	8-12	13-18	19-24	> 24	
N	0	5	0	0	0	0	5
NNE	0	1	0	0	0	0	1
NE	0	0	0	0	0	0	0
ENE	0	0	0	0	0	0	0
E	0	4	0	0	0	0	4
ESE	0	20	3	0	0	0	23
SE	0	9	3	0	0	0	12
SSE	0	16	14	0	0	0	30
S	1	13	25	0	0	0	39
SSW	0	9	20	0	0	0	29
SW	0	10	14	1	0	0	25
WSW	0	14	15	0	0	0	29
W	0	13	11	1	0	0	25
WNW	0	6	1	0	0	0	7
NW	0	0	0	0	0	0	0
NNW	0	1	0	0	0	0	1
Variable	0	0	0	0	0	0	0
Total	1	121	106	2	0	0	230

Hours of calm in this stability class: 0
 Hours of missing wind measurements in this stability class: 2
 Hours of missing stability measurements in all stability classes: 4

LaSalle County Generating Station

Period of Record: October - December 2008

Stability Class - Extremely Unstable - 375Ft-33Ft Delta-T (F)

Winds Measured at 375 Feet

Wind Direction	Wind Speed (in mph)						Total
	1-3	4-7	8-12	13-18	19-24	> 24	
N	0	0	0	0	0	0	0
NNE	0	0	0	0	0	0	0
NE	0	0	0	0	0	0	0
ENE	0	0	0	0	0	0	0
E	0	0	0	0	0	0	0
ESE	0	0	0	0	0	0	0
SE	0	0	0	0	0	0	0
SSE	0	0	0	0	0	0	0
S	0	0	0	0	0	0	0
SSW	0	0	0	0	0	0	0
SW	0	0	0	0	0	0	0
WSW	0	0	0	0	1	0	1
W	0	0	0	0	0	3	3
WNW	0	0	0	0	0	0	0
NW	0	0	0	0	0	0	0
NNW	0	0	0	0	0	0	0
Variable	0	0	0	0	0	0	0
Total	0	0	0	0	1	3	4

Hours of calm in this stability class: 0
 Hours of missing wind measurements in this stability class: 0
 Hours of missing stability measurements in all stability classes: 4

LaSalle County Generating Station

Period of Record: October - December 2008

Stability Class - Moderately Unstable - 375Ft-33Ft Delta-T (F)

Winds Measured at 375 Feet

Wind Direction	Wind Speed (in mph)						Total
	1-3	4-7	8-12	13-18	19-24	> 24	
N	0	0	0	0	0	0	0
NNE	0	0	0	0	0	0	0
NE	0	0	0	0	0	0	0
ENE	0	0	0	0	0	0	0
E	0	0	0	0	0	0	0
ESE	0	0	0	0	0	0	0
SE	0	0	0	0	0	0	0
SSE	0	0	0	0	0	0	0
S	0	0	0	0	0	0	0
SSW	0	0	0	0	0	0	0
SW	0	0	0	0	0	0	0
WSW	0	0	0	1	1	3	5
W	0	0	0	0	1	1	2
WNW	0	0	0	0	0	0	0
NW	0	0	0	0	0	0	0
NNW	0	0	0	0	0	0	0
Variable	0	0	0	0	0	0	0
Total	0	0	0	1	2	4	7

Hours of calm in this stability class: 0
 Hours of missing wind measurements in this stability class: 0
 Hours of missing stability measurements in all stability classes: 4

LaSalle County Generating Station

Period of Record: October - December 2008

Stability Class - Slightly Unstable - 375Ft-33Ft Delta-T (F)
 Winds Measured at 375 Feet

Wind Direction	Wind Speed (in mph)						Total
	1-3	4-7	8-12	13-18	19-24	> 24	
N	0	0	0	3	1	0	4
NNE	0	0	0	0	0	0	0
NE	0	0	0	0	0	0	0
ENE	0	0	0	0	0	0	0
E	0	0	0	0	0	0	0
ESE	0	0	0	0	0	0	0
SE	0	0	0	0	1	0	1
SSE	0	0	0	1	0	0	1
S	0	0	0	0	0	0	0
SSW	0	0	0	0	0	0	0
SW	0	0	0	0	0	0	0
WSW	0	0	0	1	0	1	2
W	0	0	0	0	0	2	2
WNW	0	0	0	1	0	0	1
NW	0	0	1	2	0	0	3
NNW	0	0	0	0	0	3	3
Variable	0	0	0	0	0	0	0
Total	0	0	1	8	2	6	17

Hours of calm in this stability class: 0
 Hours of missing wind measurements in this stability class: 1
 Hours of missing stability measurements in all stability classes: 4

LaSalle County Generating Station

Period of Record: October - December 2008

Stability Class - Neutral - 375Ft-33Ft Delta-T (F)
 Winds Measured at 375 Feet

Wind Direction	Wind Speed (in mph)						Total
	1-3	4-7	8-12	13-18	19-24	> 24	
N	1	3	17	16	28	3	68
NNE	0	7	5	7	3	0	22
NE	0	11	8	4	2	0	25
ENE	0	4	11	11	6	0	32
E	0	2	6	1	5	0	14
ESE	0	2	6	8	17	12	45
SE	0	1	4	16	22	10	53
SSE	0	1	6	8	7	1	23
S	0	4	9	21	16	22	72
SSW	0	1	3	33	33	12	82
SW	1	1	4	19	17	4	46
WSW	1	4	8	17	19	7	56
W	0	5	11	19	31	14	80
WNW	0	4	15	47	45	16	127
NW	0	2	20	25	49	27	123
NNW	0	3	26	22	59	18	128
Variable	0	0	0	0	0	0	0
Total	3	55	159	274	359	146	996

Hours of calm in this stability class: 0
 Hours of missing wind measurements in this stability class: 172
 Hours of missing stability measurements in all stability classes: 4

LaSalle County Generating Station

Period of Record: October - December 2008

Stability Class - Slightly Stable - 375Ft-33Ft Delta-T (F)

Winds Measured at 375 Feet

Wind Direction	Wind Speed (in mph)						Total
	1-3	4-7	8-12	13-18	19-24	> 24	
N	1	5	4	5	3	0	18
NNE	0	3	3	14	2	0	22
NE	0	2	1	6	0	0	9
ENE	0	1	5	8	3	2	19
E	0	0	3	5	11	14	33
ESE	0	3	0	7	9	18	37
SE	1	2	1	3	6	3	16
SSE	0	1	2	8	2	9	22
S	1	0	6	17	14	52	90
SSW	1	2	3	13	19	35	73
SW	1	0	5	8	18	25	57
WSW	1	4	2	1	1	4	13
W	3	2	8	8	3	17	41
WNW	2	0	7	8	25	32	74
NW	0	1	0	7	20	1	29
NNW	0	1	2	8	14	4	29
Variable	0	0	0	0	0	0	0
Total	11	27	52	126	150	216	582

Hours of calm in this stability class: 0
 Hours of missing wind measurements in this stability class: 44
 Hours of missing stability measurements in all stability classes: 4

LaSalle County Generating Station

Period of Record: October - December 2008

Stability Class - Moderately Stable - 375Ft-33Ft Delta-T (F)
 Winds Measured at 375 Feet

Wind Direction	Wind Speed (in mph)						Total
	1-3	4-7	8-12	13-18	19-24	> 24	
N	0	1	2	1	0	0	4
NNE	0	0	2	3	0	0	5
NE	0	0	3	4	0	0	7
ENE	0	0	1	2	0	0	3
E	0	0	1	2	4	5	12
ESE	0	0	1	3	9	4	17
SE	0	1	1	5	2	0	9
SSE	1	0	0	5	2	12	20
S	0	0	0	6	8	31	45
SSW	0	0	1	4	6	17	28
SW	0	4	7	6	17	10	44
WSW	0	0	3	6	2	0	11
W	0	1	8	5	5	3	22
WNW	0	0	3	7	10	10	30
NW	0	0	0	6	2	0	8
NNW	0	0	0	3	2	0	5
Variable	0	0	0	0	0	0	0
Total	1	7	33	68	69	92	270

Hours of calm in this stability class: 0
 Hours of missing wind measurements in this stability class: 1
 Hours of missing stability measurements in all stability classes: 4

LaSalle County Generating Station

Period of Record: October - December 2008

Stability Class - Extremely Stable - 375Ft-33Ft Delta-T (F)
 Winds Measured at 375 Feet

Wind Direction	Wind Speed (in mph)						Total
	1-3	4-7	8-12	13-18	19-24	> 24	
N	0	1	0	0	0	0	1
NNE	0	0	0	0	0	0	0
NE	0	0	0	0	0	0	0
ENE	0	0	0	0	0	0	0
E	0	0	0	0	0	0	0
ESE	0	0	0	1	0	3	4
SE	0	0	0	0	2	5	7
SSE	0	0	0	3	8	3	14
S	0	0	0	1	21	15	37
SSW	0	0	0	0	5	9	14
SW	1	0	1	0	1	4	7
WSW	0	0	1	0	0	0	1
W	0	1	3	0	5	7	16
WNW	0	0	4	1	0	1	6
NW	0	0	0	0	0	0	0
NNW	0	1	1	0	0	1	3
Variable	0	0	0	0	0	0	0
Total	1	3	10	6	42	48	110

Hours of calm in this stability class: 0
 Hours of missing wind measurements in this stability class: 0
 Hours of missing stability measurements in all stability classes: 4