EFFLUENT AND WASTE DISPOSAL SEMIANNUAL REPORT

Supplemental Information

Facility: Seabrook Station Unit 1

Licensee: North Atlantic Energy Service Corporation

1. Regulatory Limits

   A. Gaseous Effluents

   a. Fission and activation gases: 5.0 mrad per quarter gamma air dose, 10.0 mrad per quarter beta air dose.

   b. Iodines: 7.5 mrem per quarter to any organ.

   c. Particulates, half-lives > 8 days: Particulates and iodines are included in step b.

   d. Tritium: 7.5 mrem per quarter to any organ.

   e. Liquid Effluents: 1.5 mrem per quarter total body and 5 mrem per quarter to any organ.

2. Maximum Permissible Concentrations

   The MPC's used in determining allowable releases rates or concentrations.

   a. Fission and activation gases: 1 MPC
   b. Iodines: 1 MPC
   c. Particulates, half-lives > 8 days: 1 MPC
   d. Liquid effluents: 1 MPC

3. Average Energy

   Not applicable.

4. Measurements and Approximations of Total Radioactivity

   Provide the methods used to measure or approximate the total radioactivity in effluents and the methods used to determine radionuclide composition.

   a. Fission and activation gases: Determined by gamma spectroscopy. Total error is based on stack flow error, analytical error and calculated sampling error.

   b. Iodines: Determined by collection on charcoal with subsequent gamma spectroscopy analysis. Total error is based on stack flow error, analytical error and calculated sampling error.

9303030263 930301
PDR ADOCK 05000443
R PDR

c. Particulates: Determined by collection on fixed filter with subsequent gamma spectroscopy analysis. Strontium is determined by composite analysis of filters by liquid scintillation, gross alpha by proportional counter, and iron 55 by liquid scintillation. Total error is based on stack flow error, analytical error and calculated sampling error.

d. Liquid Effluents: Determined by gamma spectroscopy. A composite sample is analyzed for strontium by liquid scintillation, tritium by liquid scintillation, alpha by proportional counter, and iron 55 by liquid scintillation. Total error is based on the volume discharge error and analytical error.

5. Batch Releases

Provide the following information relating to batch releases of radioactive materials in liquid and gaseous effluents.

a. Liquid

1. Number of batch releases: 87
2. Total time for batch releases: 27221 minutes
3. Maximum time period for batch releases: 4551 minutes
4. Average time period for batch release: 313 minutes
5. Minimum time period for a batch release: 21 minutes
6. Average stream flow during periods of release of effluent into a flowing stream: 1.23 E06 liters per minute.

b. Gaseous

1. Number of batch releases: 46
2. Total time period for batch releases: 43671 minutes
3. Maximum time period for a batch release: 5331 minutes
4. Average time period for batch releases: 949 minutes
5. Minimum time period for a batch releases: 0.2 minutes

6. Abnormal Releases

a. Liquid

1. Number of releases: 0
2. Total activity releases: N/A

b. Gaseous

1. Number of releases: 0
2. Total activity released: N/A

TABLE 1A

EFFLUENT AND WASTE DISPOSAL SEMIANNUAL REPORT 1992

GASEOUS EFFLUENTS-SUMMATION OF ALL RELEASES

SEABROOK STATION	Unit 1	Quarter 3	Quarter 4	Est. Total Error, %
A. Fission & activation gases				
1. Total release	Ci	2.20 E-01	3.88 E-03	1.70 E+01
2. Average release rate for period	µCi/sec	2.77 E-02	4.88 E-04	
3. Percent of technical specification limit	%	5.96 E-04(1)	1.89 E-05(1)	
B. Iodines				
1. Total iodine-131	Ci	3.85 E-06	ND	1.50 E+01
2. Average release rate for period	µCi/sec	4.84 E-07	ND	
3. Percent of technical specification limit	%	1.95 E-02	NA	
C. Particulates				
1. Particulates with half-lives >8 days	Ci	5.72 E-04	5.35 E-04	1.80 E+01
2. Average release rate for period	µCi/sec	7.20 E-05	6.73 E-05	
3. Percent of technical specification limit	%	1.95 E-02	1.53 E-02	
4. Gross alpha radioactivity	Ci	ND	ND	
D. Tritium				
1. Total release	Ci	8.84 E-01	5.76 E-01	1.60 E+01
2. Average release rate for period	µCi/sec	1.11 E-01	7.25 E-02	
3. Percent of technical specification limit	%	1.95 E-02	1.53 E-02	

ND = none detected

(1) Based on the gamma air dose.

TABLE 1B

EFFLUENT AND WASTE DISPOSAL SEMIANNUAL REPORT 1992

GASEOUS EFFLUENTS-ELEVATED RELEASES

		CONTINUOUS MODE		BATCH MODE	
Nuclides Released	Unit 1	Quarter 3	Quarter 4	Quarter 3	Quarter 4
1. Fission and Activation Gases					
krypton-85	Ci	ND	ND	ND	ND
krypton-85m	Ci	ND	ND	1.50 E-04	ND
krypton-87	Ci	ND	ND	3.75 E-04	ND
krypton-88	Ci	ND	ND	3.65 E-04	ND
xenon-133	Ci	ND	ND	9.96 E-02	ND
xenon-135	Ci	ND	ND	6.35 E-03	ND
xenon-135m	Ci	ND	ND	3.75 E-04	ND
xenon-138	Ci	ND	ND	9.45 E-04	ND
argon-41	Ci	ND	ND	1.12 E-01	3.88 E-03
unidentified	Ci	ND	ND	ND	ND
Total for period	Ci	ND	ND	2.20 E-01	3.88 E-03
B. Iodines					
iodine-131	Ci	3.85 E-06	ND	ND	ND
iodine-133	Ci	ND	ND	ND	ND
iodine-135	Ci	ND	ND	ND	ND
Total for period	Ci	3.85 E-06	ND	ND	ND
C. Particulates					
strontium-89	Ci	ND	ND	ND	ND
strontium-90	Ci	ND	ND	ND	ND
cesium-134	Ci	ND	ND	ND	ND
cesium-137	Ci	ND	ND	ND	ND
barium-lanthanum-140	Ci	ND	ND	ND	ND
niobium-95	Ci	1.25 E-05	1.34 E-05	ND	ND
cobalt-58	Ci	2.39 E-04	2.83 E-04	ND	ND
cobalt-60	Ci	2.71 E-05	4.94 E-05	ND	ND
chromium-51	Ci	2.51 E-04	1.50 E-04	ND	ND
iron-59	Ci	1.19 E-05	ND	ND	ND
manganese-54	Ci	2.51 E-05	3.25 E-05	ND	ND
zirconium-95	Ci	ND	2.82 E-06	ND	ND
beryllium-7	Ci	ND	ND	ND	ND
Total for period	Ci	5.67 E-04	5.31 E-04	ND	ND

ND = none detected

TABLE 1C

EFFLUENT AND WASTE DISPOSAL SEMIANNUAL REPORT 1992

GASEOUS EFFLUENTS-GROUND LEVEL RELEASES

		CONTINUOUS MODE		BATCH MODE	
Nuclides Released	Unit 1	Quarter 3	Quarter 4	Quarter 3	Quarter 4
1. Fission and Activation Gases					
krypton-85	Ci	ND	ND	ND	ND
krypton-85m	Ci	ND	ND	ND	ND
krypton-87	Ci	ND	ND	ND	ND
krypton-88	Ci	ND	ND	ND	ND
xenon-133	Ci	ND	ND	ND	ND
xenon-135	Ci	ND	ND	ND	ND
xenon-135m	Ci	ND	ND	ND	ND
xenon-138	Ci	ND	ND	ND	ND
Others (specify)					
unidentified	Ci	ND	ND	ND	ND
Total for period	Ci	ND	ND	ND	ND
B. Iodines					
iodine-131	Ci	ND	ND	ND	ND
iodine-133	Ci	ND	ND	ND	ND
iodine-135	Ci	ND	ND	ND	ND
Total for period	Ci	ND	ND	ND	ND
C. Particulates					
strontium-89	Ci	ND	ND	ND	ND
strontium-90	Ci	ND	ND	ND	ND
cesium-134	Ci	ND	ND	ND	ND
niobium-95	Ci	ND	ND	1.69 E-08	9.20 E-08
manganese-54	Ci	ND	ND	ND	5.47 E-07
chromioum-51	Ci	ND	ND	4.32 E-06	8.23 E-07
cobalt-58	Ci	ND	ND	4.48 E-07	2.31 E-06
cobalt-60	Ci	ND	ND	6.65 E-08	2.89 E-07
unidentified	Ci	ND	ND	ND	ND
Total for period	Ci	ND	ND	4.85 E-06	4.06 E-06

ND = none detected

TABLE 2A

EFFLUENT AND WASTE DISPOSAL SEMIANNUAL REPORT 1992

LIQUID EFFLUENTS-SUMMATION OF ALL RELEASES

	Unit 1	Quarter 3	Quarter 4	Est. Total Error, %
A. Fission and activation products				
1. Total release (not including tritium, gases, alpha)	Ci	2.74 E-02	1.46 E-02	6.00 E 00
2. Average diluted concentration during period	µCi/ml	1.51 E-10	1.00 E-10	
3. Percent of applicable limit	%	4.94 E-02(1)	3.66 E-02(1)	
B. Tritium				
1. Total release	Ci	1.89 E+02	1.76 E+02	8.00 E 00
2. Average diluted concentration during period	µCi/ml	1.04 E-06	1.21 E-06	
3. Percent of applicable limit	%	4.94 E-02(1)	3.66 E-02(1)	
C. Dissolved and entrained gases				
1. Total release	Ci	ND	ND	1.90 E+01
2. Average diluted concentration during period	µCi/ml	NA	NA	
3. Percent of applicable limit	%	NA	NA	
D. Gross alpha radioactivity				
1. Total release	Ci	ND	ND	1.00 E+01
E. Volume of waste released (prior to dilution)	liters	5.97 E+07	6.61 E+07	1.30 E 00
F. Volume of dilution water used during period	liters	1.81 E+11	1.46 E+11	9.00 E 00

ND = none detected

(1) Based on the maximum organ dose.

TABLE 2B

EFFLUENT AND WASTE DISPOSAL SEMIANNUAL REPORT 1992

LIQUID EFFLUENTS

		CONTINUOUS MODE		BATCH MODE	
Nuclides Released	Unit 1	Quarter 3	Quarter 4	Quarter 3	Quarter 4
strontium-89	Ci	ND	ND	ND	ND
strontium-90	Ci	ND	ND	ND	ND
iron-55	Ci	ND	ND	1.71 E-02	5.29 E-03
iodine-133	Ci	ND	ND	2.67 E-04	ND
iodine-131	Ci	ND	ND	2.26 E-04	1.19 E-05
cobalt-58	Ci	5.19 E-04	2.23 E-04	3.43 E-03	4.17 E-03
cobalt-60	Ci	1.55 E-04	3.87 E-07	1.44 E-03	2.07 E-04
iron-59	Ci	ND	ND	2.05 E-04	3.93 E-04
zinc-65	Ci	ND	ND	ND	ND
manganese-54	Ci	ND	7.34 E-08	4.92 E-04	9.31 E-05
chromium-51	Ci	3.82 E-05	ND	5.18 E-04	8.40 E-05
zirconium-niobium-95	Ci	ND	ND	7.87 E-06	8.42 E-06
molybdenum-99	Ci	ND	ND	ND	ND
technetium-99m	Ci	ND	ND	4.85 E-05	5.22 E-06
barium-lanthanum-140	Ci	ND	ND	ND	ND
cerium-141	Ci	ND	ND	ND	ND
Other (specify)					
antimony-124	Ci	ND	ND	ND	4.01 E-04
antimony-125	Ci	ND	ND	2.92 E-03	3.75 E-03
bromine-82	Ci	ND	ND	3.50 E-05	ND
Unidentified	Ci	ND	ND	ND	ND
Total for period (above)	Ci	7.12 E-04	2.23 E-04	2.67 E-02	1.44 E-02
xenon-133	Ci	ND	ND	ND	ND
xenon-135	Ci	ND	ND	ND	ND

ND = none detected

TABLE 3

EFFLUENT AND WASTE DISPOSAL SEMIANNUAL REPORT 1992

SOLID WASTE AND IRRADIATED FUEL SHIPMENTS

A. SOLID WASTE SHIPPED OFFSITE FOR BURIAL OR DISPOSAL (Not irradiated fuel)

1. Type of waste - NONE	Unit	First 6-month Period	Est. Total Error, %
a. Spent resins, filter sludges, evaporator bottoms, etc	0 m^3 0 Ci	NONE	
b. Dry compressible waste, contaminated equip, etc	0 m^3 0 Ci	NONE	
c. Irradiated components, control rods etc	0 m^3 0 Ci	NONE	
d. Other (described)	0 m^3 0 Ci	NONE	

2. Estimate of major nuclide composition (by type of waste)

a.	N/A		
b.			
c.			
d.			

3. Solid Waste Disposition

Number of Shipments	Mode of Transportation	Destination
NONE		

B. IRRADIATED FUEL SHIPMENTS (Disposition)

Number of Shipments	Mode of Transportation	Destination
NONE		

TABLE 4A

SEABROOK JAN92-DEC92 MET DATA JOINT FREQUENCY DISTRIBUTION (210-FOOT TOWER)

43.0 FT WIND DATA STABILITY CLASS A CLASS FREQUENCY (PERCENT) = 1.00

WIND DIRECTION FROM

SPEED(MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
4-7	0	0	0	0	0	0	1	0	0	1	0	0	1	0	0	0	0	3
(1)	.00	.00	.00	.00	.00	.00	1.15	.00	.00	1.15	.00	.00	1.15	.00	.00	.00	.00	3.45
(2)	.00	.00	.00	.00	.00	.00	.01	.00	.00	.01	.00	.00	.01	.00	.00	.00	.00	.03
8-12	0	0	1	3	5	9	17	8	1	0	2	4	5	5	1	0	0	61
(1)	.00	.00	1.15	3.45	5.75	10.34	19.54	9.20	1.15	.00	2.30	4.60	5.75	5.75	1.15	.00	.00	70.11
(2)	.00	.00	.01	.03	.06	.10	.20	.09	.01	.00	.02	.05	.06	.06	.01	.00	.00	.70
13-18	0	0	1	0	0	0	10	0	0	0	1	1	2	2	2	0	0	19
(1)	.00	.00	1.15	.00	.00	.00	11.49	.00	.00	.00	1.15	1.15	2.30	2.30	2.30	.00	.00	21.84
(2)	.00	.00	.01	.00	.00	.00	.12	.00	.00	.00	.01	.01	.02	.02	.02	.00	.00	.22
19-24	0	0	1	0	0	0	0	0	0	0	0	1	0	1	1	0	0	4
(1)	.00	.00	1.15	.00	.00	.00	.00	.00	.00	.00	.00	1.15	.00	1.15	1.15	.00	.00	4.60
(2)	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.01	.01	.00	.00	.05
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	0	0	3	3	5	9	28	8	1	1	3	6	8	8	4	0	0	87
(1)	.00	.00	3.45	3.45	5.75	10.34	32.18	9.20	1.15	1.15	3.45	6.90	9.20	9.20	4.60	.00	.00	100.00
(2)	.00	.00	.03	.03	.06	.10	.32	.09	.01	.01	.03	.07	.09	.09	.05	.00	.00	1.00

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD C= CALM (WIND SPEED LESS THAN OR EQUAL TO .95 MPH)

TABLE 4A

SEABROOK JAN92-DEC92 MET DATA JOINT FREQUENCY DISTRIBUTION (210-FOOT TOWER)

43.0 FT WIND DATA STABILITY CLASS B CLASS FREQUENCY (PERCENT) = 2.84

WIND DIRECTION FROM

SPEED(MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
4-7	1	1	0	1	2	0	4	2	1	2	2	3	3	5	1	1	0	29
(1)	.41	.41	.00	.41	.81	.00	1.63	.81	.41	.81	.81	1.22	1.22	2.03	.41	.41	.00	11.79
(2)	.01	.01	.00	.01	.02	.00	.05	.02	.01	.02	.02	.03	.03	.06	.01	.01	.00	.33
8-12	2	1	1	6	16	4	26	14	2	5	15	16	19	17	12	1	0	157
(1)	.81	.41	.41	2.44	6.50	1.63	10.57	5.69	.81	2.03	6.10	6.50	7.72	6.91	4.88	.41	.00	63.82
(2)	.02	.01	.01	.07	.18	.05	.30	.16	.02	.06	.17	.18	.22	.20	.14	.01	.00	1.81
13-18	0	0	2	4	1	0	0	1	0	1	3	6	9	11	15	0	0	53
(1)	.00	.00	.81	1.63	.41	.00	.00	.41	.00	.41	1.22	2.44	3.66	4.47	6.10	.00	.00	21.54
(2)	.00	.00	.02	.05	.01	.00	.00	.01	.00	.01	.03	.07	.10	.13	.17	.00	.00	.61
19-24	0	0	0	1	0	0	0	0	0	0	0	0	0	3	3	0	0	7
(1)	.00	.00	.00	.41	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.22	1.22	.00	.00	2.85
(2)	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.03	.03	.00	.00	.08
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	3	2	3	12	19	4	30	17	3	8	20	25	31	36	31	2	0	246
(1)	1.22	.81	1.22	4.88	7.72	1.63	12.20	6.91	1.22	3.25	8.13	10.16	12.60	14.63	12.60	.81	.00	100.00
(2)	.03	.02	.03	.14	.22	.05	.35	.20	.03	.09	.23	.29	.36	.41	.36	.02	.00	2.84

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD C= CALM (WIND SPEED LESS THAN OR EQUAL TO .95 MPH)

TABLE 4A

SEABROOK JAN92-DEC92 MET DATA JOINT FREQUENCY DISTRIBUTION (210-FOOT TOWER)

43.0 FT WIND DATA STABILITY CLASS C CLASS FREQUENCY (PERCENT) = 6.64

WIND DIRECTION FROM

SPEED(MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3	2	0	0	0	2	1	0	0	0	2	0	0	0	0	0	0	0	7
(1)	.35	.00	.00	.00	.35	.17	.00	.00	.00	.35	.00	.00	.00	.00	.00	.00	.00	1.22
(2)	.02	.00	.00	.00	.02	.01	.00	.00	.00	.02	00	.00	.00	.00	.00	.00	.00	.08
4-7	7	1	2	3	10	3	13	3	4	3	16	18	20	12	9	6	0	130
(1)	1.22	.17	.35	.52	1.74	.52	2.26	.52	.69	.52	2.78	3.13	3.47	2.08	1.56	1.04	.00	22.57
(2)	.08	.01	.02	.03	.12	.03	.15	.03	.05	.03	.18	.21	.23	.14	.10	.07	.00	1.50
8-12	6	3	10	18	28	9	31	18	6	7	38	30	37	53	35	5	0	334
(1)	1.04	.52	1.74	3.13	4.86	1.56	5.38	3.13	1.04	1.22	6.60	5.21	6.42	9.20	6.08	.87	.00	57.99
(2)	.07	.03	.12	.21	.32	.10	.36	.21	.07	.08	.44	.35	.43	.61	.40	.06	.00	3.85
13-18	0	0	5	1	2	1	0	1	1	0	10	15	9	24	22	4	0	95
(1)	.00	.00	.87	.17	.35	.17	.00	.17	.17	.00	1.74	2.60	1.56	4.17	3.82	.69	.00	16.49
(2)	.00	.00	.06	.01	.02	.01	.00	.01	.01	.00	.12	.17	.10	.28	.25	.05	.00	1.10
19-24	0	0	0	0	0	0	0	0	0	0	0	1	0	7	2	0	0	10
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.17	.00	1.22	.35	.00	.00	1.74
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.08	.02	.00	.00	.12
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	15	4	17	22	42	14	44	22	11	12	64	64	66	96	68	15	0	576
(1)	2.60	.69	2.95	3.82	7.29	2.43	7.64	3.82	1.91	2.08	11.11	11.11	11.46	16.67	11.81	2.60	.00	100.00
(2)	.17	.05	.20	.25	.48	.16	.51	.25	.13	.14	.74	.74	.76	1.11	.78	.17	.00	6.64

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD C= CALM (WIND SPEED LESS THAN OR EQUAL TO .95 MPH)

TABLE 4A

SEABROOK JAN92-DEC92 MET DATA JOINT FREQUENCY DISTRIBUTION (210-FOOT TOWER)

43.0 FT WIND DATA STABILITY CLASS D CLASS FREQUENCY (PERCENT) = 50.50

WIND DIRECTION FROM

SPEED(MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3	37	26	19	29	15	15	17	19	41	32	22	31	33	36	38	44	0	454
(1)	.84	.59	.43	.66	.34	.34	.39	.43	.94	.73	.50	.71	.75	.82	.87	1.00	.00	10.36
(2)	.43	.30	.22	.33	.17	.17	.20	.22	.47	.37	.25	.36	.38	.41	.44	.51	.00	5.23
4-7	139	69	89	107	145	100	91	133	91	99	116	132	143	161	163	139	0	1917
(1)	3.17	1.57	2.03	2.44	3.31	2.28	2.08	3.04	2.08	2.26	2.65	3.01	3.26	3.67	3.72	3.17	.00	43.76
(2)	1.60	.80	1.03	1.23	1.67	1.15	1.05	1.53	1.05	1.14	1.34	1.52	1.65	1.86	1.88	1.60	.00	22.10
8-12	46	32	118	75	85	80	67	48	27	49	142	127	113	239	180	32	0	1460
(1)	1.05	.73	2.69	1.71	1.94	1.83	1.53	1.10	.62	1.12	3.24	2.90	2.58	5.46	4.11	.73	.00	33.33
(2)	.53	.37	1.36	.86	.98	.92	.77	.55	.31	.56	1.64	1.46	1.30	2.76	2.07	.37	.00	16.83
13-18	6	6	64	19	26	15	3	4	3	9	20	27	50	132	97	5	0	486
(1)	.14	.14	1.46	.43	.59	.34	.07	.09	.07	.21	.46	.62	1.14	3.01	2.21	.11	.00	11.09
(2)	.07	.07	.74	.22	.30	.17	.03	.05	.03	.10	.23	.31	.58	1.52	1.12	.06	.00	5.60
19-24	0	0	4	5	13	4	0	0	0	0	1	4	1	6	13	0	0	51
(1)	.00	.00	.09	.11	.30	.09	.00	.00	.00	.00	.02	.09	.02	.14	.30	.00	.00	1.16
(2)	.00	.00	.05	.06	.15	.05	.00	.00	.00	.00	.01	.05	.01	.07	.15	.00	.00	.59
GT 24	0	0	3	6	4	0	0	0	0	0	0	0	0	0	0	0	0	13
(1)	.00	.00	.07	.14	.09	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.30
(2)	.00	.00	.03	.07	.05	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.15
ALL SPEEDS	228	133	297	241	288	214	178	204	162	189	301	321	340	574	491	220	0	4381
(1)	5.20	3.04	6.78	5.50	6.57	4.88	4.06	4.66	3.70	4.31	6.87	7.33	7.76	13.10	11.21	5.02	.00	100.00
(2)	2.63	1.53	3.42	2.78	3.32	2.47	2.05	2.35	1.87	2.18	3.47	3.70	3.92	6.62	5.66	2.54	.00	50.50

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD C= CALM (WIND SPEED LESS THAN OR EQUAL TO .95 MPH)

TABLE 4A

SEABROOK JAN92-DEC92 MET DATA JOINT FREQUENCY DISTRIBUTION (210-FOOT TOWER)

43.0 FT WIND DATA STABILITY CLASS E CLASS FREQUENCY (PERCENT) = 24.95

WIND DIRECTION FROM

SPEED(MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	1	0	0	1	1	0	0	1	2	0	6
(1)	.00	.00	.00	.00	.00	.00	.00	.05	.00	.00	.05	.05	.00	.00	.05	.09	.00	.28
(2)	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.01	.01	.00	.00	.01	.02	.00	.07
C-3	33	12	22	31	23	13	12	19	37	43	41	64	59	56	61	39	0	565
(1)	1.52	.55	1.02	1.43	1.06	.60	.55	.88	1.71	1.99	1.89	2.96	2.73	2.59	2.82	1.80	.00	26.11
(2)	.38	.14	.25	.36	.27	.15	.14	.22	.43	.50	.47	.74	.68	.65	.70	.45	.00	6.51
4-7	25	15	16	19	32	36	32	51	67	74	149	217	198	144	123	60	0	1258
(1)	1.16	.69	.74	.88	1.48	1.66	1.48	2.36	3.10	3.42	6.89	10.03	9.15	6.65	5.68	2.77	.00	58.13
(2)	.29	.17	.18	.22	.37	.41	.37	.59	.77	.85	1.72	2.50	2.28	1.66	1.42	.69	.00	14.50
8-12	1	5	1	12	12	13	15	12	3	13	63	56	33	37	14	7	0	297
(1)	.05	.23	.05	.55	.55	.60	.69	.55	.14	.60	2.91	2.59	1.52	1.71	.65	.32	.00	13.72
(2)	.01	.06	.01	.14	.14	.15	.17	.14	.03	.15	.73	.65	.38	.43	.16	.08	.00	3.42
13-18	0	14	6	1	2	2	0	3	3	0	0	1	0	1	0	0	0	33
(1)	.00	.65	.28	.05	.09	.09	.00	.14	.14	.00	.00	.05	.00	.05	.00	.00	.00	1.52
(2)	.00	.16	.07	.01	.02	.02	.00	.03	.03	.00	.00	.01	.00	.01	.00	.00	.00	.38
19-24	0	0	0	1	3	0	0	0	0	0	0	0	0	0	0	0	0	4
(1)	.00	.00	.00	.05	.14	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.18
(2)	.00	.00	.00	.01	.03	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05
GT 24	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
(1)	.00	.00	.00	.00	.05	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05
(2)	.00	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01
ALL SPEEDS	59	46	45	64	73	64	59	86	110	130	254	339	290	238	199	108	0	2164
(1)	2.73	2.13	2.08	2.96	3.37	2.96	2.73	3.97	5.08	6.01	11.74	15.67	13.40	11.00	9.20	4.99	.00	100.00
(2)	.68	.53	.52	.74	.84	.74	.68	.99	1.27	1.50	2.93	3.91	3.34	2.74	2.29	1.24	.00	24.95

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD C= CALM (WIND SPEED LESS THAN OR EQUAL TO .95 MPH)

TABLE 4A

SEABROOK JAN92-DEC92 MET DATA JOINT FREQUENCY DISTRIBUTION (210-FOOT TOWER)

43.0 FT WIND DATA STABILITY CLASS F CLASS FREQUENCY (PERCENT) = 7.90

WIND DIRECTION FROM

SPEED(MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	1	1	0	0	0	0	0	0	1	0	0	0	0	2	1	0	6
(1)	.00	.15	.15	.00	.00	.00	.00	.00	.00	.15	.00	.00	.00	.00	.29	.15	.00	.88
(2)	.00	.01	.01	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00	.02	.01	.00	.07
C-3	7	7	7	9	6	7	10	10	7	19	35	50	82	65	39	16	0	376
(1)	1.02	1.02	1.02	1.31	.88	1.02	1.46	1.46	1.02	2.77	5.11	7.30	11.97	9.49	5.69	2.34	.00	54.89
(2)	.08	.08	.08	.10	.07	.08	.12	.12	.08	.22	.40	.58	.95	.75	.45	.18	.00	4.33
4-7	12	2	1	1	5	5	1	2	6	5	22	48	44	52	72	18	0	296
(1)	1.75	.29	.15	.15	.73	.73	.15	.29	.88	.73	3.21	7.01	6.42	7.59	10.51	2.63	.00	43.21
(2)	.14	.02	.01	.01	.06	.06	.01	.02	.07	.06	.25	.55	.51	.60	.83	.21	.00	3.41
8-12	0	5	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	6
(1)	.00	.73	.00	.00	.00	.00	.00	.15	.00	.00	.00	.00	.00	.00	.00	.00	.00	.88
(2)	.00	.06	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.07
13-18	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
(1)	.00	.00	.00	.15	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.15
(2)	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01
19-24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	19	15	9	11	11	12	11	13	13	25	57	98	126	117	113	35	0	685
(1)	2.77	2.19	1.31	1.61	1.61	1.75	1.61	1.90	1.90	3.65	8.32	14.31	18.39	17.08	16.50	5.11	.00	100.00
(2)	.22	.17	.10	.13	.13	.14	.13	.15	.15	.29	.66	1.13	1.45	1.35	1.30	.40	.00	7.90

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD C= CALM (WIND SPEED LESS THAN OR EQUAL TO .95 MPH)

TABLE 4A

SEABROOK JAN92-DEC92 MET DATA JOINT FREQUENCY DISTRIBUTION (210-FOOT TOWER)

43.0 FT WIND DATA STABILITY CLASS G CLASS FREQUENCY (PERCENT) = 6.18

WIND DIRECTION FROM

SPEED(MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	1	2	0	1	1	0	0	1	0	2	2	1	0	1	0	12
(1)	.00	.00	.19	.37	.00	.19	.19	.00	.00	.19	.00	.37	.37	.19	.00	.19	.00	2.24
(2)	.00	.00	.01	.02	.00	.01	.01	.00	.00	.01	.00	.02	.02	.01	.00	.01	.00	.14
C-3	8	3	1	3	4	1	3	0	3	5	33	70	109	130	32	18	0	423
(1)	1.49	.56	.19	.56	.75	.19	.56	.00	.56	.93	6.16	13.06	20.34	24.25	5.97	3.36	.00	78.92
(2)	.09	.03	.01	.03	.05	.01	.03	.00	.03	.06	.38	.81	1.26	1.50	.37	.21	.00	4.88
4-7	1	0	0	0	0	0	0	0	0	1	7	9	14	24	42	3	0	101
(1)	.19	.00	.00	.00	.00	.00	.00	.00	.00	.19	1.31	1.68	2.61	4.48	7.84	.56	.00	18.84
(2)	.01	.00	.00	.00	.00	.00	.00	.00	.00	.01	.08	.10	.16	.28	.48	.03	.00	1.16
8-12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
13-18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
19-24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	9	3	2	5	4	2	4	0	3	7	40	81	125	155	74	22	0	536
(1)	1.68	.56	.37	.93	.75	.37	.75	.00	.56	1.31	7.46	15.11	23.32	28.92	13.81	4.10	.00	100.00
(2)	.10	.03	.02	.06	.05	.02	.05	.00	.03	.08	.46	.93	1.44	1.79	.85	.25	.00	6.18

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD C= CALM (WIND SPEED LESS THAN OR EQUAL TO .95 MPH)

TABLE 4A

SEABROOK JAN92-DEC92 MET DATA JOINT FREQUENCY DISTRIBUTION (210-FOOT TOWER)

43.0 FT WIND DATA STABILITY CLASS ALL CLASS FREQUENCY (PERCENT) = 100.00

WIND DIRECTION FROM

SPEED(MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	1	2	2	0	1	1	1	0	2	1	3	2	1	3	4	0	24
(1)	.00	.01	.02	.02	.00	.01	.01	.01	.00	.02	.01	.03	.02	.01	.03	.05	.00	.28
(2)	.00	.01	.02	.02	.00	.01	.01	.01	.00	.02	.01	.03	.02	.01	.03	.05	.00	.28
C-3	87	48	49	72	50	37	42	48	88	101	131	215	283	287	170	117	0	1825
(1)	1.00	.55	.56	.83	.58	.43	.48	.55	1.01	1.16	1.51	2.48	3.26	3.31	1.96	1.35	.00	21.04
(2)	1.00	.55	.56	.83	.58	.43	.48	.55	1.01	1.16	1.51	2.48	3.26	3.31	1.96	1.35	.00	21.04
4-7	185	88	108	131	194	144	142	191	169	185	312	427	423	398	410	227	0	3734
(1)	2.13	1.01	1.24	1.51	2.24	1.66	1.64	2.20	1.95	2.13	3.60	4.92	4.88	4.59	4.73	2.62	.00	43.04
(2)	2.13	1.01	1.24	1.51	2.24	1.66	1.64	2.20	1.95	2.13	3.60	4.92	4.88	4.59	4.73	2.62	.00	43.04
8-12	55	46	131	114	146	115	156	101	39	74	260	233	207	351	242	45	0	2315
(1)	.63	.53	1.51	1.31	1.68	1.33	1.80	1.16	.45	.85	3.00	2.69	2.39	4.05	2.79	.52	.00	26.69
(2)	.63	.53	1.51	1.31	1.68	1.33	1.80	1.16	.45	.85	3.00	2.69	2.39	4.05	2.79	.52	.00	26.69
13-18	6	20	78	26	31	18	13	9	7	10	34	50	70	170	136	9	0	687
(1)	.07	.23	.90	.30	.36	.21	.15	.10	.08	.12	.39	.58	.81	1.96	1.57	.10	.00	7.92
(2)	.07	.23	.90	.30	.36	.21	.15	.10	.08	.12	.39	.58	.81	1.96	1.57	.10	.00	7.92
19-24	0	0	5	7	16	4	0	0	0	0	1	6	1	17	19	0	0	76
(1)	.00	.00	.06	.08	.18	.05	.00	.00	.00	.00	.01	.07	.01	.20	.22	.00	.00	.88
(2)	.00	.00	.06	.08	.18	.05	.00	.00	.00	.00	.01	.07	.01	.20	.22	.00	.00	.88
GT 24	0	0	3	6	5	0	0	0	0	0	0	0	0	0	0	0	0	14
(1)	.00	.00	.03	.07	.06	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.16
(2)	.00	.00	.03	.07	.06	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.16
ALL SPEEDS	333	203	376	358	442	319	354	350	303	372	739	934	986	1224	980	402	0	8575
(1)	3.84	2.34	4.33	4.13	5.10	3.68	4.08	4.03	3.49	4.29	8.52	10.77	11.37	14.11	11.30	4.63	.00	100.00
(2)	3.84	2.34	4.33	4.13	5.10	3.68	4.08	4.03	3.49	4.29	8.52	10.77	11.37	14.11	11.30	4.63	.00	100.00

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD C= CALM (WIND SPEED LESS THAN OR EQUAL TO .95 MPH)

TABLE 4A

SEABROOK JAN92-DEC92 MET DATA JOINT FREQUENCY DISTRIBUTION (210-FOOT TOWER)

209.0 FT WIND DATA STABILITY CLASS A CLASS FREQUENCY (PERCENT) = 1.00

WIND DIRECTION FROM

SPEED(MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
4-7	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	2
(1)	.00	.00	.00	.00	.00	.00	1.15	.00	.00	1.15	.00	.00	.00	.00	.00	.00	.00	2.30
(2)	.00	.00	.00	.00	.00	.00	.01	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.02
8-12	0	0	1	0	5	2	8	0	0	0	1	0	4	1	0	0	0	
(1)	.00	.00	1.15	.00	5.75	2.30	9.20	.00	.00	.00	1.15	.00	4.60	1.15	.00	.00	.00	
(2)	.00	.00	.01	.00	.06	.02	.09	.00	.00	.00	.01	.00	.05	.01	.00	.00	.00	.2
13-18	0	1	0	3	1	2	13	9	1	0	1	3	3	6	1	0	0	
(1)	.00	1.15	.00	3.45	1.15	2.30	14.94	10.34	1.15	.00	1.15	3.45	3.45	6.90	1.15	.00	.00	50.
(2)	.00	.01	.00	.03	.01	.02	.15	.10	.01	.00	.01	.03	.03	.07	.01	.00	.00	.51
19-24	0	0	1	0	0	0	6	3	0	0	1	1	2	0	2	0	0	16
(1)	.00	.00	1.15	.00	.00	.00	6.90	3.45	.00	.00	1.15	1.15	2.30	.00	2.30	.00	.00	18.39
(2)	.00	.00	.01	.00	.00	.00	.07	.03	.00	.00	.01	.01	.02	.00	.02	.00	.00	.18
GT 24	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	0	0	3
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.15	.00	1.15	1.15	.00	.00	3.45
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.01	.01	.00	.00	.03
ALL SPEEDS	0	1	2	3	6	4	28	12	1	1	3	5	9	8	4	0	0	87
(1)	.00	1.15	2.30	3.45	6.90	4.60	32.18	13.79	1.15	1.15	3.45	5.75	10.34	9.20	4.60	.00	.00	100.00
(2)	.00	.01	.02	.03	.07	.05	.32	.14	.01	.01	.03	.06	.10	.09	.05	.00	.00	1.00

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD C= CALM (WIND SPEED LESS THAN OR EQUAL TO .95 MPH)

TABLE 4A

SEABROOK JAN92-DEC92 MET DATA JOINT FREQUENCY DISTRIBUTION (210-FOOT TOWER)

209.0 FT WIND DATA STABILITY CLASS B CLASS FREQUENCY (PERCENT) = 2.83

WIND DIRECTION FROM

SPEED(MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
4-7	0	1	0	1	1	0	1	0	0	1	0	0	0	0	0	0	0	5
(1)	.00	.41	.00	.41	.41	.00	.41	.00	.00	.41	.00	.00	.00	.00	.00	.00	.00	2.03
(2)	.00	.01	.00	.01	.01	.00	.01	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.06
8-12	4	0	0	4	12	3	18	4	1	3	7	7	6	10	3	0	0	82
(1)	1.63	.00	.00	1.63	4.88	1.22	7.32	1.63	.41	1.22	2.85	2.85	2.44	4.07	1.22	.00	.00	33.33
(2)	.05	.00	.00	.05	.14	.03	.21	.05	.01	.03	.08	.08	.07	.11	.03	.00	.00	.94
13-18	1	0	4	7	3	0	5	16	2	3	11	15	14	23	10	1	0	115
(1)	.41	.00	1.63	2.85	1.22	.00	2.03	6.50	.81	1.22	4.47	6.10	5.69	9.35	4.07	.41	.00	46.75
(2)	.01	.00	.05	.08	.03	.00	.06	.18	.02	.03	.13	.17	.16	.26	.11	.01	.00	1.32
19-24	0	0	2	0	0	0	2	2	0	0	3	4	8	5	12	0	0	38
(1)	.00	.00	.81	.00	.00	.00	.81	.81	.00	.00	1.22	1.63	3.25	2.03	4.88	.00	.00	15.45
(2)	.00	.00	.02	.00	.00	.00	.02	.02	.00	.00	.03	.05	.09	.06	.14	.00	.00	.44
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	5	1	0	0	6
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.03	.41	.00	.00	2.44
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.06	.01	.00	.00	.07
ALL SPEEDS	5	1	6	12	16	3	26	22	3	7	21	26	28	43	26	1	0	246
(1)	2.03	.41	2.44	4.88	6.50	1.22	10.57	8.94	1.22	2.85	8.54	10.57	11.38	17.48	10.57	.41	.00	100.00
(2)	.06	.01	.07	.14	.18	.03	.30	.25	.03	.08	.24	.30	.32	.49	.30	.01	.00	2.83

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD C= CALM (WIND SPEED LESS THAN OR EQUAL TO .95 MPH)

TABLE 4A

SEABROOK JAN92-DEC92 MET DATA JOINT FREQUENCY DISTRIBUTION (210-FOOT TOWER)

209.0 FT WIND DATA STABILITY CLASS C CLASS FREQUENCY (PERCENT) = 6.66

WIND DIRECTION FROM

SPEED(MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3	1	0	0	2	0	1	1	0	0	0	0	1	1	0	0	1	0	8
(1)	.17	.00	.00	.35	.00	.17	.17	.00	.00	.00	.00	.17	.17	.00	.00	.17	.00	1.38
(2)	.01	.00	.00	.02	.00	.01	.01	.00	.00	.00	.00	.01	.01	.00	.00	.01	.00	.09
4-7	1	1	3	1	6	1	3	1	0	1	5	4	7	3	8	1	0	46
(1)	.17	.17	.52	.17	1.04	.17	.52	.17	.00	.17	.86	.69	1.21	.52	1.38	.17	.00	7.94
(2)	.01	.01	.03	.01	.07	.01	.03	.01	.00	.01	.06	.05	.08	.03	.09	.01	.00	.53
8-12	10	2	9	12	23	9	32	13	5	9	23	21	34	28	18	5	0	253
(1)	1.73	.35	1.55	2.07	3.97	1.55	5.53	2.25	.86	1.55	3.97	3.63	5.87	4.84	3.11	.86	.00	43.70
(2)	.11	.02	.10	.14	.26	.10	.37	.15	.06	.10	.26	.24	.39	.32	.21	.06	.00	2.91
13-18	3	2	9	10	4	2	10	7	4	3	27	25	24	39	32	4	0	205
(1)	.52	.35	1.55	1.73	.69	.35	1.73	1.21	.69	.52	4.66	4.32	4.15	6.74	5.53	.69	.00	35.41
(2)	.03	.02	.10	.11	.05	.02	.11	.08	.05	.03	.31	.29	.28	.45	.37	.05	.00	2.36
19-24	0	0	1	0	0	0	0	0	0	0	8	6	9	18	11	1	0	54
(1)	.00	.00	.17	.00	.00	.00	.00	.00	.00	.00	1.38	1.04	1.55	3.11	1.90	.17	.00	9.33
(2)	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.09	.07	.10	.21	.13	.01	.00	.62
GT 24	0	0	0	0	0	0	0	0	0	0	0	1	1	8	3	0	0	13
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.17	.17	1.38	.52	.00	.00	2.25
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.09	.03	.00	.00	.15
ALL SPEEDS	15	5	22	25	33	13	46	21	9	13	63	58	76	96	72	12	0	579
(1)	2.59	.86	3.80	4.32	5.70	2.25	7.94	3.63	1.55	2.25	10.88	10.02	13.13	16.58	12.44	2.07	.00	100.00
(2)	.17	.06	.25	.29	.38	.15	.53	.24	.10	.15	.72	.67	.87	1.10	.83	.14	.00	6.66

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD C= CALM (WIND SPEED LESS THAN OR EQUAL TO .95 MPH)

TABLE 4A

SEABROOK JAN92-DEC92 MET DATA JOINT FREQUENCY DISTRIBUTION (210-FOOT TOWER)

209.0 FT WIND DATA STABILITY CLASS D CLASS FREQUENCY (PERCENT) = 50.11

WIND DIRECTION FROM

SPEED(MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.02
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.01
C-3	13	7	15	12	10	9	14	9	15	11	13	11	12	12	9	16	0	188
(1)	.30	.16	.34	.28	.23	.21	.32	.21	.34	.25	.30	.25	.28	.28	.21	.37	.00	4.31
(2)	.15	.08	.17	.14	.11	.10	.16	.10	.17	.13	.15	.13	.14	.14	.10	.18	.00	2.16
4-7	80	82	33	89	77	79	60	43	61	56	51	66	61	64	70	66	0	1038
(1)	1.84	1.88	.76	2.04	1.77	1.81	1.38	.99	1.40	1.28	1.17	1.51	1.40	1.47	1.61	1.51	.00	23.81
(2)	.92	.94	.38	1.02	.89	.91	.69	.49	.70	.64	.59	.76	.70	.74	.80	.76	.00	11.93
8-12	126	53	81	72	61	83	97	118	67	88	119	106	115	165	137	80	0	1568
(1)	2.89	1.22	1.86	1.65	1.40	1.90	2.23	2.71	1.54	2.02	2.73	2.43	2.64	3.79	3.14	1.84	.00	35.97
(2)	1.45	.61	.93	.83	.70	.95	1.12	1.36	.77	1.01	1.37	1.22	1.32	1.90	1.57	.92	.00	18.03
13-18	43	40	112	28	33	17	24	51	15	32	135	91	91	221	173	15	0	1121
(1)	.99	.92	2.57	.64	.76	.39	.55	1.17	.34	.73	3.10	2.09	2.09	5.07	3.97	.34	.00	25.72
(2)	.49	.46	1.29	.32	.38	.20	.28	.59	.17	.37	1.55	1.05	1.05	2.54	1.99	.17	.00	12.89
19-24	9	8	29	16	13	11	4	6	2	8	14	21	43	113	53	1	0	351
(1)	.21	.18	.67	.37	.30	.25	.09	.14	.05	.18	.32	.48	.99	2.59	1.22	.02	.00	8.05
(2)	.10	.09	.33	.18	.15	.13	.05	.07	.02	.09	.16	.24	.49	1.30	.61	.01	.00	4.03
GT 24	0	4	9	9	11	6	2	0	0	0	2	6	10	17	16	0	0	92
(1)	.00	.09	.21	.21	.25	.14	.05	.00	.00	.00	.05	.14	.23	.39	.37	.00	.00	2.11
(2)	.00	.05	.10	.10	.13	.07	.02	.00	.00	.00	.02	.07	.11	.20	.18	.00	.00	1.06
ALL SPEEDS	271	194	279	226	205	205	201	227	160	195	334	301	332	593	458	178	0	4359
(1)	6.22	4.45	6.40	5.18	4.70	4.70	4.61	5.21	3.67	4.47	7.66	6.91	7.62	13.60	10.51	4.08	.00	100.00
(2)	3.12	2.23	3.21	2.60	2.36	2.36	2.31	2.61	1.84	2.24	3.84	3.46	3.82	6.82	5.26	2.05	.00	50.11

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD C= CALM (WIND SPEED LESS THAN OR EQUAL TO .95 MPH)

TABLE 4A

SEABROOK JAN92-DEC92 MET DATA JOINT FREQUENCY DISTRIBUTION (210-FOOT TOWER)

209.0 FT WIND DATA STABILITY CLASS E CLASS FREQUENCY (PERCENT) = 25.13

WIND DIRECTION FROM

SPEED(MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05	.00	.00	.00	.00	.00	.00	.00	.05
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.01
[illegible]-3	7	6	5	9	9	2	14	10	4	12	11	7	7	8	8	7	0	126
[illegible]	.32	.27	.23	.41	.41	.09	.64	.46	.18	.55	.50	.32	.32	.37	.37	.32	.00	5.76
[illegible]	.08	.07	.06	.10	.10	.02	.16	.11	.05	.14	.13	.08	.08	.09	.09	.08	.00	1.45
4-7	35	17	18	27	12	23	30	26	27	36	32	26	31	33	27	26	0	426
(1)	1.60	.78	.82	1.24	.55	1.05	1.37	1.19	1.24	1.65	1.46	1.19	1.42	1.51	1.24	1.19	.00	19.49
(2)	.40	.20	.21	.31	.14	.26	.34	.30	.31	.41	.37	.30	.36	.38	.31	.30	.00	4.90
8-12	45	33	15	12	12	11	22	42	85	86	109	118	112	122	109	44	0	977
(1)	2.06	1.51	.69	.55	.55	.50	1.01	1.92	3.89	3.93	4.99	5.40	5.12	5.58	4.99	2.01	.00	44.69
(2)	.52	.38	.17	.14	.14	.13	.25	.48	.98	.99	1.25	1.36	1.29	1.40	1.25	.51	.00	11.23
13-18	12	5	4	5	4	10	5	15	13	31	125	118	93	107	38	13	0	598
(1)	.55	.23	.18	.23	.18	.46	.23	.69	.59	1.42	5.72	5.40	4.25	4.89	1.74	.59	.00	27.36
(2)	.14	.06	.05	.06	.05	.11	.06	.17	.15	.36	1.44	1.36	1.07	1.23	.44	.15	.00	6.87
19-24	0	7	1	4	0	0	0	7	4	1	1	5	4	0	1	0	0	33
(1)	.00	.32	.05	.18	.00	.00	.00	.32	.18	.05	.05	.14	.18	.00	.05	.00	.00	1.51
(2)	.00	.08	.01	.05	.00	.00	.00	.08	.05	.01	.01	.03	.05	.00	.01	.00	.00	.38
GT 24	0	13	1	1	5	2	0	1	2	0	0	0	0	0	0	0	0	25
(1)	.00	.59	.05	.05	.23	.09	.00	.05	.09	.00	.00	.00	.00	.00	.00	.00	.00	1.14
(2)	.00	.15	.01	.01	.06	.02	.00	.01	.02	.00	.00	.00	.00	.00	.00	.00	.00	.29
ALL SPEEDS	99	81	44	58	42	48	71	101	135	167	278	272	247	270	183	90	0	2186
(1)	4.53	3.71	2.01	2.65	1.92	2.20	3.25	4.62	6.18	7.64	12.72	12.44	11.30	12.35	8.37	4.12	.00	100.00
(2)	1.14	.93	.51	.67	.48	.55	.82	1.16	1.55	1.92	3.20	3.13	2.84	3.10	2.10	1.03	.00	25.13

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD C= CALM (WIND SPEED LESS THAN OR EQUAL TO .95 MPH)

TABLE 4A

SEABROOK JAN92-DEC92 MET DATA JOINT FREQUENCY DISTRIBUTION (210-FOOT TOWER)

209.0 FT WIND DATA STABILITY CLASS F CLASS FREQUENCY (PERCENT) = 7.95

WIND DIRECTION FROM

SPEED(MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.14	.00	.00	.00	.00	.14
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00	.01
C-3	4	0	1	4	3	2	6	4	3	3	5	4	4	4	3	6	0	56
(1)	.58	.00	.14	.58	.43	.29	.87	.58	.43	.43	.72	.58	.58	.58	.43	.87	.00	8.09
(2)	.05	.00	.01	.05	.03	.02	.07	.05	.03	.03	.06	.05	.05	.05	.03	.07	.00	.64
4-7	7	6	7	4	7	3	7	10	19	12	22	15	11	12	10	6	0	158
(1)	1.01	.87	1.01	.58	1.01	.43	1.01	1.45	2.75	1.73	3.18	2.17	1.59	1.73	1.45	.87	.00	22.83
(2)	.08	.07	.08	.05	.08	.03	.08	.11	.22	.14	.25	.17	.13	.14	.11	.07	.00	1.82
8-12	38	15	9	1	1	2	4	10	18	21	41	25	27	70	36	28	0	346
(1)	5.49	2.17	1.30	.14	.14	.29	.58	1.45	2.60	3.03	5.92	3.61	3.90	10.12	5.20	4.05	.00	50.00
(2)	.44	.17	.10	.01	.01	.02	.05	.11	.21	.24	.47	.29	.31	.80	.41	.32	.00	3.98
13-18	11	2	1	0	0	0	0	1	1	7	9	18	25	17	24	10	0	126
(1)	1.59	.29	.14	.00	.00	.00	.00	.14	.14	1.01	1.30	2.60	3.61	2.46	3.47	1.45	.00	18.21
(2)	.13	.02	.01	.00	.00	.00	.00	.01	.01	.08	.10	.21	.29	.20	.28	.11	.00	1.45
19-24	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
(1)	.00	.72	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.72
(2)	.00	.06	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.06
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	60	28	18	9	11	7	17	25	41	43	77	62	68	103	73	50	0	692
(1)	8.67	4.05	2.60	1.30	1.59	1.01	2.46	3.61	5.92	6.21	11.13	8.96	9.83	14.88	10.55	7.23	.00	100.00
(2)	.69	.32	.21	.10	.13	.08	.20	.29	.47	.49	.89	.71	.78	1.18	.84	.57	.00	7.95

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD C= CALM (WIND SPEED LESS THAN OR EQUAL TO .95 MPH)

TABLE 4A

SEABROOK JAN92-DEC92 MET DATA JOINT FREQUENCY DISTRIBUTION (210-FOOT TOWER)

209.0 FT WIND DATA STABILITY CLASS G CLASS FREQUENCY (PERCENT) = 6.32

WIND DIRECTION FROM

SPEED(MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.18	.00	.18
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.01
C-3	7	9	4	5	3	3	2	1	3	2	9	6	6	10	5	7	0	82
(1)	1.27	1.64	.73	.91	.55	.55	.36	.18	.55	.36	1.64	1.09	1.09	1.82	.91	1.27	.00	14.91
(2)	.08	.10	.05	.06	.03	.03	.02	.01	.03	.02	.10	.07	.07	.11	.06	.08	.00	.94
4-7	12	5	6	7	2	3	6	8	8	11	24	18	18	29	24	10	0	191
(1)	2.18	.91	1.09	1.27	.36	.55	1.09	1.45	1.45	2.00	4.36	3.27	3.27	5.27	4.36	1.82	.00	34.73
(2)	.14	.06	.07	.08	.02	.03	.07	.09	.09	.13	.28	.21	.21	.33	.28	.11	.00	2.20
8-12	17	10	1	0	0	0	1	0	9	11	17	34	25	44	28	25	0	222
(1)	3.09	1.82	.18	.00	.00	.00	.18	.00	1.64	2.00	3.09	6.18	4.55	8.00	5.09	4.55	.00	40.36
(2)	.20	.11	.01	.00	.00	.00	.01	.00	.10	.13	.20	.39	.29	.51	.32	.29	.00	2.55
13-18	5	0	0	0	0	0	0	0	0	4	5	6	4	19	6	5	0	54
(1)	.91	.00	.00	.00	.00	.00	.00	.00	.00	.73	.91	1.09	.73	3.45	1.09	.91	.00	9.82
(2)	.06	.00	.00	.00	.00	.00	.00	.00	.00	.05	.06	.07	.05	.22	.07	.06	.00	.62
19-24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	41	24	11	12	5	6	9	9	20	28	55	64	53	102	63	48	0	550
(1)	7.45	4.36	2.00	2.18	.91	1.09	1.64	1.64	3.64	5.09	10.00	11.64	9.64	18.55	11.45	8.73	.00	100.00
(2)	.47	.28	.13	.14	.06	.07	.10	.10	.23	.32	.63	.74	.61	1.17	.72	.55	.00	6.32

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD C= CALM (WIND SPEED LESS THAN OR EQUAL TO .95 MPH)

TABLE 4A

SEABROOK JAN92-DEC92 MET DATA JOINT FREQUENCY DISTRIBUTION (210-FOOT TOWER)

209.0 FT WIND DATA STABILITY CLASS ALL CLASS FREQUENCY (PERCENT) = 100.00

WIND DIRECTION FROM

SPEED(MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	0	1	0	0	1	1	0	1	0	4
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.01	.01	.00	.01	.00	.05
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.01	.01	.00	.01	.00	.05
C-3	32	22	25	32	25	17	37	24	25	28	38	29	30	34	25	37	0	460
(1)	.37	.25	.29	.37	.29	.20	.43	.28	.29	.32	.44	.33	.34	.39	.29	.43	.00	5.29
(2)	.37	.25	.29	.37	.29	.20	.43	.28	.29	.32	.44	.33	.34	.39	.29	.43	.00	5.29
4-7	135	112	67	129	105	109	108	88	115	118	134	129	128	141	139	109	0	1866
(1)	1.55	1.29	.77	1.48	1.21	1.25	1.24	1.01	1.32	1.36	1.54	1.48	1.47	1.62	1.60	1.25	.00	21.45
(2)	1.55	1.29	.77	1.48	1.21	1.25	1.24	1.01	1.32	1.36	1.54	1.48	1.47	1.62	1.60	1.25	.00	21.45
8-12	240	113	116	101	114	110	182	187	185	218	317	311	323	440	331	182	0	3470
(1)	2.76	1.30	1.33	1.16	1.31	1.26	2.09	2.15	2.13	2.51	3.64	3.58	3.71	5.06	3.81	2.09	.00	39.89
(2)	2.76	1.30	1.33	1.16	1.31	1.26	2.09	2.15	2.13	2.51	3.64	3.58	3.71	5.06	3.81	2.09	.00	39.89
13-18	75	50	130	53	45	31	57	99	36	80	313	276	254	432	284	48	0	2263
(1)	.86	.57	1.49	.61	.52	.36	.66	1.14	.41	.92	3.60	3.17	2.92	4.97	3.26	.55	.00	26.01
(2)	.86	.57	1.49	.61	.52	.36	.66	1.14	.41	.92	3.60	3.17	2.92	4.97	3.26	.55	.00	26.01
19-24	9	20	34	20	13	11	12	18	6	9	27	35	66	136	79	2	0	497
(1)	.10	.23	.39	.23	.15	.13	.14	.21	.07	.10	.31	.40	.76	1.56	.91	.02	.00	5.71
(2)	.10	.23	.39	.23	.15	.13	.14	.21	.07	.10	.31	.40	.76	1.56	.91	.02	.00	5.71
GT 24	0	17	10	10	16	8	2	1	2	0	2	8	11	31	21	0	0	139
(1)	.00	.20	.11	.11	.18	.09	.02	.01	.02	.00	.02	.09	.13	.36	.24	.00	.00	1.60
(2)	.00	.20	.11	.11	.18	.09	.02	.01	.02	.00	.02	.09	.13	.36	.24	.00	.00	1.60
ALL SPEEDS	491	334	382	345	318	286	398	417	369	454	831	788	813	1215	879	379	0	8699
(1)	5.64	3.84	4.39	3.97	3.66	3.29	4.58	4.79	4.24	5.22	9.55	9.06	9.35	13.97	10.10	4.36	.00	100.00
(2)	5.64	3.84	4.39	3.97	3.66	3.29	4.58	4.79	4.24	5.22	9.55	9.06	9.35	13.97	10.10	4.36	.00	100.00

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD C= CALM (WIND SPEED LESS THAN OR EQUAL TO .95 MPH)

APPENDIX A

Off-Site Dose Calculation Manual

Requirement: Technical Specification 6.13.2.b requires that licensee initiated changes to the Off-Site Dose Calculation Manual (ODCM) be submitted to the Commission in the Semiannual Radioactive Effluent Release Report for the period in which the change(s) was made effective. Changes made to the Radiological Environmental Monitoring Program (REMP) in accordance with Technical Specification 3.12.1 and 3.12.2 are to be included.

Response: No changes were made to the Off-Site Dose Calculation Manual (ODCM) or to the Radiological Environmental Monitoring Program (REMP) during the reporting period (July 1, 1992 through December 31, 1992).

APPENDIX B

Process Control Program

Requirement: Technical Specification 6.13.2.a requires that licensee initiated changes to the Process Control Program be submitted to the Commission in the Semiannual Radioactive Effluent Release Report for the period in which the change(s) were made.

Response: No changes were made to the Process Control Program during the reporting period (July 1, 1992 through December 31, 1992).

APPENDIX C

Radioactive Liquid Effluent Monitoring Instrumentation

Requirement: Radioactive Liquid Effluent Monitoring Instrumentation channels are required to be operable in accordance with Technical Specification 3.3.3.9.b. With less than the minimum number of channels operable for 30 days, Technical Specification 3.3.3.9.b requires that an explanation for the delay in correcting the inoperability be provided the next Semiannual Effluent Release Report in accordance with Technical Specification 6.8.1.4.

Response: A review of the Action Statement Status tracking system archive indicated Technical Specification 3.3.3.9 was never entered for more than 30 consecutive days during the reporting period (July 1, 1992 through December 31, 1992).

APPENDIX D

Radioactive Gaseous Effluent Monitoring Instrumentation

Requirement: Radioactive Gaseous Effluent Monitoring Instrumentation channels are required to be operable in accordance with Technical Specification 3.3.3.10.b. With less than the minimum number of channels operable for 30 days, Technical Specification 3.3.3.10.b requires that an explanation for the delay in correcting the inoperability be provided in the next Semiannual Effluent Release Report in accordance with Technical Specification 6.8.1.4.

Response: A review of the Action Statement Status tracking system archive indicated Technical Specification 3.3.3.10 was never entered for more than 30 consecutive days during the reporting period (July 1, 1992 through December 31, 1992).

APPENDIX E

Liquid Holdup Tanks

Requirement: Technical Specification 3.11.1.4 limits the quantity of radioactive material contained in any temporary unprotected outdoor tank. With the quantity of radioactive material in any temporary unprotected outdoor tank exceeding the limits of Technical Specification 3.11.1.4, a description of the events leading in this condition is required in the next Semiannual Effluent Release Report pursuant to Technical Specification 6.8.1.4.

Response: No temporary unprotected outdoor tanks exceeded the limits of Technical Specification 3.11.1.4 during the reporting period (July 1, 1992 through December 31, 1992).

APPENDIX F

Radwaste Treatment Systems

Requirement: Technical Specification 6.14.1.a requires that licensee initiated changes to the Radwaste Treatment Systems (liquid, gaseous, and solid) be submitted to the Commission in the Semiannual Radioactive Effluent Release Report for the period in which the change was made.

Response: There were no major changes made to Seabrook's Radwaste Treatment Systems during the reporting period (July 1, 1992 through December 31, 1992).

APPENDIX G

Unplanned Releases

Requirement: Technical Specification 6.8.1.4 requires a list and description of unplanned releases of radioactive materials in gaseous and liquid effluents made during the reporting period from the site to UNRESTRICTED AREAS.

Response: There were no unplanned releases of radioactive materials in gaseous or liquid effluents from the site to UNRESTRICTED AREAS during the reporting period (July 1, 1992 through December 31, 1992).