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BALTIMORE GAS AND ELECTRIC COMPANY
CALVERT CLIFFS NUCLEAR SITE
WIND REDUCED FROM 125 FOOT LEVEL TO 33 FOOT LEVEL
STABILITY CLASS A (30-2000 FOOT)
WINDS AT 33 FOOT LEVEL

REVISION 3

WIND FREQUENCY DISTRIBUTION
FREQUENCY IN NUMBER OF OCCURRENCES
1/01/81 TO 3/31/81
WIND SPEED (M/S)

WIND DIRECTION	.200- .500	.510- .750	.760- 1	1.10- 1.50	1.60- 2	2.10- 3	3.10- 5	5.10- 7	7.10- 10	10.1- 13	13.1- 18	>18.0	RUN TOTAL	MEAN SPEED
N	0	0	0	0	0	2	9	0	0	0	0	0	11	3.82
NNE	0	0	0	0	0	1	1	0	0	0	0	0	2	2.93
NE	0	0	0	0	0	0	0	0	0	0	0	0	0	.00
ENE	0	0	0	0	0	0	0	0	0	0	0	0	0	.00
E	0	0	0	0	0	0	0	0	0	0	0	0	0	.00
ESE	0	0	0	0	0	0	0	0	0	0	0	0	0	.00
SE	0	0	0	0	0	0	0	0	0	0	0	0	0	.00
SSE	0	0	0	0	0	0	0	0	0	0	0	0	0	.00
S	0	0	0	0	0	0	0	0	0	0	0	0	0	.00
SSW	0	0	0	0	0	0	0	0	0	0	0	0	0	.00
SW	0	0	0	0	0	0	0	0	0	0	0	0	0	.00
WSW	0	1	0	0	0	0	0	0	0	0	0	0	1	.76
W	0	0	0	0	1	1	0	0	0	0	0	0	2	2.19
WNW	0	0	0	1	0	0	2	0	0	0	0	0	3	3.38
W	0	0	0	0	0	0	0	0	0	0	0	0	0	.00
WNW	0	0	0	0	0	0	2	0	0	0	0	0	2	4.27

TOTAL 0 1 0 0 1 1 4 14 0 0 0 0 0 21

NUMBER OF CALMS 0

NUMBER OF INVALID HOURS 0 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS LESS NUMBER OF VALID HOURS)

NUMBER OF VALID HOURS 2160 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS WITH VALID SPEED, DIRECTION, AND STABILITY)

BALTIMORE GAS AND ELECTRIC COMPANY
CALVERT CLIFFS NUCLEAR SITE
WIND REDUCED FROM 125 FOOT LEVEL TO 33 FOOT LEVEL
STABILITY CLASS A (30-200 FOOT)
WINDS AT 33 FOOT LEVEL

WIND FREQUENCY DISTRIBUTION

FREQUENCY IN PERCENT OF TOTAL

1/01/81 TO 3/31/81

WIND SPEED (M/S)

WIND DIRECTION	.200- .500	.510- .750	.760- 1	1.10- 1.50	1.50- 2	2.10- 3	3.10- 5	5.10- 7	7.10- 10	10.1- 13	13.1- 18	>18.0	ROLL TOTAL	MEAN SPEED
N	.00	.00	.00	.00	.00	.09	.42	.00	.00	.00	.00	.00	.51	3.82
NNE	.00	.00	.00	.00	.00	.05	.05	.00	.00	.00	.00	.00	.09	2.93
NE	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ENE	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
E	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ESE	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
SE	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
SSE	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
S	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
SSW	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
SW	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
WSW	.00	.05	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05	.76
W	.00	.00	.00	.00	.05	.05	.00	.00	.00	.00	.00	.00	.03	2.19
WNW	.00	.00	.00	.05	.00	.00	.03	.00	.00	.00	.00	.00	.14	3.33
NW	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
NNW	.00	.00	.00	.00	.00	.00	.03	.00	.00	.00	.00	.00	.05	4.27
TOTAL	.00	.05	.00	.05	.05	.19	.65	.00	.00	.00	.00	.00	.97	

NUMBER OF CALMS 0

NUMBER OF INVALID HOURS 0 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS LESS NUMBER OF VALID HOURS)

NUMBER OF VALID HOURS 2160 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS WITH VALID SPEED, DIRECTION, AND STABILITY)

BALTIMORE GAS AND ELECTRIC COMPANY
 CALVERT CLIFFS NUCLEAR SITE
 WIND REDUCED FROM 125 FOOT LEVEL TO 33 FOOT LEVEL
 STABILITY CLASS B (30-200 FOOT)
 WINDS AT 33 FOOT LEVEL

REVISION 3

WIND FREQUENCY DISTRIBUTION
 FREQUENCY IN NUMBER OF OCCURRENCES
 1/01/81 TO 3/31/81
 WIND SPEED (M/S)

WIND DIRECTION	.200- .500	.510- .750	.760- 1	1.10- 1.50	1.50- 2	2.10- 3	3.10- 5	5.10- 7	7.10- 10	10.1- 13	13.1- 18	>18.0	RAW TOTAL	MEAN SPEED
N	0	0	0	0	1	3	5	2	0	0	0	0	11	3.58
NNE	0	0	0	0	0	2	1	0	0	0	0	0	3	2.62
NE	0	0	0	0	0	0	0	0	0	0	0	0	0	.00
ENE	0	0	0	0	0	0	0	0	0	0	0	0	0	.00
E	0	0	0	0	0	0	0	0	0	0	0	0	0	.00
ESE	0	0	0	0	0	0	0	0	0	0	0	0	0	.00
SE	0	0	0	0	0	0	0	0	0	0	0	0	0	.00
SSE	0	0	0	0	0	0	0	0	0	0	0	0	0	.00
S	0	0	0	0	0	0	0	0	0	0	0	0	0	.00
SSW	0	0	0	0	0	0	0	0	0	0	0	0	0	.00
SW	0	0	0	0	0	2	0	0	0	0	0	0	2	3.04
WSW	0	0	1	0	0	0	3	0	0	0	0	0	4	3.30
W	0	0	0	0	0	0	4	0	0	0	0	0	4	3.38
WNW	0	0	1	0	0	3	5	0	0	0	0	0	9	2.97
NW	0	0	0	0	0	0	4	0	0	0	0	0	4	3.95
NNW	0	0	0	0	0	0	3	2	0	0	0	0	5	4.95

TOTAL 0 0 2 0 1 10 25 4 0 0 0 0 0 42

NUMBER OF CALMS 0

NUMBER OF INVALID HOURS 0 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS LESS NUMBER OF VALID HOURS)

NUMBER OF VALID HOURS 2160 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS WITH VALID SPEED, DIRECTION, AND STABILITY)

BALTIMORE GAS AND ELECTRIC COMPANY
 CALVERT CLIFFS NUCLEAR SITE
 WIND REDUCED FROM 125 FOOT LEVEL TO 33 FOOT LEVEL
 STABILITY CLASS B (30-200 FOOT)
 WINDS AT 33 FOOT LEVEL

WIND FREQUENCY DISTRIBUTION

FREQUENCY IN PERCENT OF TOTAL

1/01/81 TO 3/31/81

WIND SPEED (M/S)

WIND DIRECTION	.220- .500	.510- .750	.760- 1	1.10- 1.50	1.60- 2	2.10- 3	3.10- 5	5.10- 7	7.10- 10	10.1- 13	13.1- 18	>18.0	ROW TOTAL	MEAN SPEED
N	.00	.00	.00	.00	.05	.14	.23	.09	.00	.00	.00	.00	.51	3.58
NNE	.00	.00	.00	.00	.00	.09	.05	.00	.00	.00	.00	.00	.14	2.62
NE	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ENE	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
E	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ESE	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
SE	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
SEE	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
S	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
SSW	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
SW	.00	.00	.00	.00	.00	.09	.00	.00	.00	.00	.00	.00	.09	3.04
WSW	.00	.00	.05	.00	.00	.00	.14	.00	.00	.00	.00	.00	.19	3.30
W	.00	.00	.00	.00	.00	.00	.19	.00	.00	.00	.00	.00	.19	3.38
WNW	.00	.00	.05	.00	.00	.14	.23	.00	.00	.00	.00	.00	.42	2.97
NW	.00	.00	.00	.00	.00	.00	.19	.00	.00	.00	.00	.00	.19	3.95
NNW	.00	.00	.00	.00	.00	.00	.14	.09	.00	.00	.00	.00	.23	4.95
TOTAL	.00	.00	.09	.00	.05	.46	1.16	.19	.00	.00	.00	.00	1.94	

NUMBER OF CALMS 0

NUMBER OF INVALID HOURS 0 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS LESS NUMBER OF VALID HOURS)

NUMBER OF VALID HOURS 2160 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS WITH VALID SPEED, DIRECTION, AND STABILITY)

BALTIMORE GAS AND ELECTRIC COMPANY
 CALVERT CLIFFS NUCLEAR SITE
 WIND REDUCED FROM 125 FOOT LEVEL TO 33 FOOT LEVEL
 STABILITY CLASS C (30-200 FOOT)
 WINDS AT 33 FOOT LEVEL

REVISION 3

WIND FREQUENCY DISTRIBUTION

FREQUENCY IN NUMBER OF OCCURRENCES

1/01/81 TO 3/31/81

WIND SPEED (M/S)

WIND DIRECTION	.220- .500	.510- .750	.760- 1	1.10- 1.50	1.60- 2	2.10- 3	3.10- 5	5.10- 7	7.10- 10	10.1- 13	13.1- 18	>18.0	ROW TOTAL	MEAN SPEED
N	0	0	0	1	1	4	3	2	1	0	0	0	12	3.95
NNE	0	0	0	0	2	2	1	0	1	0	0	0	6	3.40
NE	0	0	0	0	0	0	0	0	0	0	0	0	0	.00
ENE	0	0	0	0	0	0	0	0	0	0	0	0	0	.00
E	0	0	0	0	0	0	0	0	0	0	0	0	0	.00
ESE	0	0	0	0	0	0	0	0	0	0	0	0	0	.00
SE	0	0	0	0	1	0	1	0	0	0	0	0	2	2.93
SSE	0	0	0	0	2	1	4	0	0	0	0	0	7	3.03
S	0	0	0	0	0	0	2	0	0	0	0	0	2	4.00
SSW	0	0	0	0	0	0	0	0	0	0	0	0	0	.00
SW	0	0	0	0	1	5	8	0	0	0	0	0	14	3.15
WSW	1	0	0	0	0	6	3	0	0	0	0	0	10	2.76
W	0	0	0	0	0	7	5	0	0	0	0	0	12	3.05
WNW	0	0	0	0	1	8	10	0	0	0	0	0	19	3.21
NW	0	0	0	0	0	0	4	5	0	0	0	0	9	4.84
NNW	0	0	0	0	0	3	3	5	0	0	0	0	11	4.49
TOTAL	1	0	0	1	8	36	44	12	2	0	0	0	104	

NUMBER OF CALMS 0

NUMBER OF INVALID HOURS 0 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS LESS NUMBER OF VALID HOURS)

NUMBER OF VALID HOURS 2160 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS WITH VALID SPEED, DIRECTION, AND STABILITY)

BALTIMORE GAS AND ELECTRIC COMPANY
 CALVERT CLIFFS NUCLEAR SITE
 WIND REDUCED FROM 125 FOOT LEVEL TO 33 FOOT LEVEL
 STABILITY CLASS C (30-200 FOOT)
 WINDS AT 33 FOOT LEVEL

REVISION 3

WIND FREQUENCY DISTRIBUTION

FREQUENCY IN PERCENT OF TOTAL

1/01/81 TO 3/31/81

WIND SPEED (M/S)

WIND DIRECTION	.220- .500	.510- .750	.760- 1	1.10- 1.50	1.50- 2	2.10- 3	3.10- 5	5.10- 7	7.10- 10	10.1- 13	13.1- 18	>18.0	ROW TOTAL	MEAN SPEED
N	.00	.00	.00	.05	.05	.19	.14	.09	.05	.00	.00	.00	.56	3.95
NNE	.00	.00	.00	.00	.09	.09	.05	.00	.05	.00	.00	.00	.28	3.40
NE	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ENE	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
E	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ESE	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
SE	.00	.00	.00	.00	.05	.00	.05	.00	.00	.00	.00	.00	.09	2.93
SSE	.00	.00	.00	.00	.09	.05	.19	.00	.00	.00	.00	.00	.32	3.03
S	.00	.00	.00	.00	.00	.00	.09	.00	.00	.00	.00	.00	.09	4.00
SSW	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
SW	.00	.00	.00	.00	.05	.23	.37	.00	.00	.00	.00	.00	.65	3.15
WSW	.05	.00	.00	.00	.00	.28	.14	.00	.00	.00	.00	.00	.46	2.76
W	.00	.00	.00	.00	.00	.32	.23	.00	.00	.00	.00	.00	.56	3.05
WNW	.00	.00	.00	.00	.05	.37	.46	.00	.00	.00	.00	.00	.88	3.21
NW	.00	.00	.00	.00	.00	.00	.19	.23	.00	.00	.00	.00	.42	4.84
NNW	.00	.00	.00	.00	.00	.14	.14	.23	.00	.00	.00	.00	.51	4.49
TOTAL	.05	.00	.00	.05	.37	1.67	2.04	.56	.09	.00	.00	.00	4.81	

NUMBER OF CALMS

0

NUMBER OF INVALID HOURS 0 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS LESS NUMBER OF VALID HOURS)

NUMBER OF VALID HOURS 2160 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS WITH VALID SPEED, DIRECTION, AND STABILITY)

BALTIMORE GAS AND ELECTRIC COMPANY
 CALVERT CLIFFS NUCLEAR SITE
 WIND REDUCED FROM 125 FOOT LEVEL TO 33 FOOT LEVEL
 STABILITY CLASS D (30-200 FOOT)
 WINDS AT 33 FOOT LEVEL

REVISION 3

WIND FREQUENCY DISTRIBUTION

FREQUENCY IN NUMBER OF OCCURRENCES

1/01/81 TO 3/31/81

WIND SPEED (M/S)

WIND DIRECTION	.220- .500	.510- .750	.760- 1	1.10- 1.50	1.60- 2	2.10- 3	3.10- 5	5.10- 7	7.10- 10	10.1- 13	13.1- 18	>18.0	ROW TOTAL	MEAN SPEED
N	0	3	4	20	10	20	23	4	0	0	0	0	84	2.56
NNE	0	2	9	16	6	11	5	0	0	0	0	0	49	1.75
NE	0	3	6	8	6	3	1	0	0	0	0	0	27	1.46
ENE	0	3	1	7	0	8	0	0	0	0	0	0	31	1.35
E	1	2	2	10	2	0	0	0	0	0	0	0	17	1.18
ESE	0	3	3	7	5	1	0	0	0	0	0	0	19	1.38
SE	0	0	4	2	4	10	2	0	0	0	0	0	22	2.19
SSE	0	0	1	13	4	19	17	0	0	0	0	0	54	2.61
S	0	0	1	4	8	19	14	0	0	0	0	0	46	2.63
SSW	0	1	1	7	8	23	2	0	0	0	0	0	42	2.15
SW	0	2	5	16	24	31	7	0	0	0	0	0	85	2.01
WSW	1	5	6	13	10	15	1	0	0	0	0	0	51	1.67
W	1	2	4	8	11	12	1	0	0	0	0	0	39	1.78
WNW	0	5	2	13	29	38	19	0	0	0	0	0	106	2.29
NW	0	0	0	10	22	110	81	1	0	0	0	0	224	2.95
NNW	0	3	6	6	12	42	80	5	1	0	0	0	155	3.20
TOTAL	3	34	67	160	161	362	253	10	1	0	0	0	1051	

NUMBER OF CALMS 0

NUMBER OF INVALID HOURS 0 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS LESS NUMBER OF VALID HOURS)

NUMBER OF VALID HOURS 2160 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS WITH VALID SPEED, DIRECTION, AND STABILITY)

REVISION 3

FREQUENCY IN PERCENT OF TOTAL

WIND SPEED (M/S)

[illegible]

BALTIMORE GAS AND ELECTRIC COMPANY
 CALVERT CLIFFS NUCLEAR SITE
 WIND REDUCED FROM 125 FOOT LEVEL TO 33 FOOT LEVEL
 STABILITY CLASS E (30-200 FOOT)
 WINDS AT 33 FOOT LEVEL

REVISION 3

WIND FREQUENCY DISTRIBUTION

FREQUENCY IN NUMBER OF OCCURRENCES

1/01/81 TO 3/31/81

WIND SPEED (M/S)

WIND DIRECTION	.220- .500	.510- .750	.760- 1	1.10- 1.50	1.60- 2	2.10- 3	3.10- 5	5.10- 7	7.10- 10	10.1- 13	13.1- 18	>18.0	ROW TOTAL	MEAN SPEED
N	0	0	2	8	10	17	6	1	0	0	0	0	44	2.33
NNE	0	3	6	9	1	0	0	0	0	0	0	0	19	1.14
NE	1	1	2	2	0	0	0	0	0	0	0	0	6	.87
ENE	0	4	3	2	0	0	0	0	0	0	0	0	9	.96
E	1	3	2	1	0	0	0	0	0	0	0	0	7	.80
ESE	0	4	3	3	2	1	0	0	0	0	0	0	13	1.19
SE	0	0	2	4	3	2	0	0	0	0	0	0	11	1.59
SSE	0	0	0	6	5	3	10	2	0	0	0	0	26	3.08
S	0	0	2	7	21	44	10	3	0	0	0	0	87	2.44
SSW	1	0	1	5	12	37	5	0	0	0	0	0	61	2.31
SW	2	0	5	19	25	23	7	0	0	0	0	0	81	1.98
WSW	4	2	7	16	15	4	1	0	0	0	0	0	49	1.40
W	0	0	4	25	13	4	0	0	0	0	0	0	46	1.49
WNW	0	0	7	29	21	8	6	0	0	0	0	0	71	1.76
NW	2	2	1	19	27	35	4	1	0	0	0	0	91	2.03
NNW	1	1	1	4	16	30	12	0	0	0	0	0	65	2.35
TOTAL	12	20	48	159	171	208	61	7	0	0	0	0	686	

NUMBER OF CALMS 0

NUMBER OF INVALID HOURS 0 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS LESS NUMBER OF VALID HOURS)

NUMBER OF VALID HOURS 2160 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS WITH VALID SPEED, DIRECTION, AND STABILITY)

BALTIMORE GAS AND ELECTRIC COMPANY
 CALVERT CLIFFS NUCLEAR SITE
 WIND REDUCED FROM 125 FOOT LEVEL TO 33 FOOT LEVEL
 STABILITY CLASS E (30-200 FOOT)
 WINDS AT 33 FOOT LEVEL

REVISION 3

WIND FREQUENCY DISTRIBUTION

FREQUENCY IN PERCENT OF TOTAL

1/01/81 TO 3/31/81

WIND SPEED (M/S)

WIND DIRECTION	.220- .500	.510- .750	.760- 1	1.10- 1.50	1.60- 2	2.10- 3	3.10- 5	5.10- 7	7.10- 10	10.1- 13	13.1- 18	>18.0	ROW TOTAL	MEAN SPEED
N	.00	.00	.09	.37	.46	.79	.28	.05	.00	.00	.00	.00	2.04	2.33
NNE	.00	.14	.28	.42	.05	.00	.00	.00	.00	.00	.00	.00	.88	1.14
NE	.05	.05	.09	.09	.00	.00	.00	.00	.00	.00	.00	.00	.28	.87
ENE	.00	.19	.14	.09	.00	.00	.00	.00	.00	.00	.00	.00	.42	.96
E	.05	.14	.09	.05	.00	.00	.00	.00	.00	.00	.00	.00	.32	.80
ESE	.00	.19	.14	.14	.09	.05	.00	.00	.00	.00	.00	.00	.60	1.19
SE	.00	.00	.09	.19	.14	.09	.00	.00	.00	.00	.00	.00	.51	1.59
SSE	.00	.00	.00	.28	.23	.14	.46	.09	.00	.00	.00	.00	1.20	3.08
S	.00	.00	.09	.32	.97	2.04	.46	.14	.00	.00	.00	.00	4.03	2.44
SSW	.05	.00	.05	.23	.56	1.71	.23	.00	.00	.00	.00	.00	2.62	2.31
SW	.09	.00	.23	.88	1.16	1.06	.32	.00	.00	.00	.00	.00	3.75	1.98
WSW	.19	.09	.32	.74	.69	.19	.05	.00	.00	.00	.00	.00	2.27	1.40
W	.00	.00	.19	1.16	.60	.19	.00	.00	.00	.00	.00	.00	2.13	1.49
WNW	.00	.00	.32	1.34	.97	.37	.28	.00	.00	.00	.00	.00	3.29	1.76
NW	.09	.09	.05	.68	1.25	1.62	.19	.05	.00	.00	.00	.00	4.21	2.03
NNW	.05	.05	.05	.19	.74	1.39	.56	.00	.00	.00	.00	.00	3.01	2.35
TOTAL	.56	.93	2.22	7.36	7.92	9.63	2.82	.32	.00	.00	.00	.00	31.76	

NUMBER OF CALMS 0

NUMBER OF INVALID HOURS 0 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS LESS NUMBER OF VALID HOURS)

NUMBER OF VALID HOURS 2160 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS WITH VALID SPEED, DIRECTION, AND STABILITY)

BALTIMORE GAS AND ELECTRIC COMPANY
 CALVERT CLIFFS NUCLEAR SITE
 WIND REDUCED FROM 125 FOOT LEVEL TO 33 FOOT LEVEL
 STABILITY CLASS F (30-200 FOOT)
 WINDS AT 33 FOOT LEVEL

REVISION 3

WIND FREQUENCY DISTRIBUTION

FREQUENCY IN NUMBER OF OCCURRENCES

1/01/81 TO 3/31/81

WIND SPEED (M/S)

WIND DIRECTION	.220- .500	.510- .750	.750- 1	1.10- 1.50	1.60- 2	2.10- 3	3.10- 5	5.10- 7	7.10- 10	10.1- 13	13.1- 18	>18.0	ROW TOTAL	MEAN SPEED
N	0	1	1	3	4	5	12	0	0	0	0	0	26	2.87
NNE	0	2	4	2	1	0	0	0	0	0	0	0	9	1.01
NE	0	1	2	0	0	0	0	0	0	0	0	0	3	.89
ENE	1	1	0	1	0	0	0	0	0	0	0	0	3	.80
E	1	0	0	0	0	0	0	0	0	0	0	0	1	.40
ESE	0	2	1	1	0	1	0	0	0	0	0	0	5	1.20
SE	0	1	2	3	0	0	0	0	0	0	0	0	6	1.10
SSE	0	0	0	4	2	0	0	0	0	0	0	0	6	1.48
S	0	0	0	0	4	5	0	0	0	0	0	0	9	2.15
SSW	0	0	1	2	0	12	1	0	0	0	0	0	16	2.29
SW	0	3	1	10	1	1	0	0	0	0	0	0	16	1.28
WSW	1	4	0	7	6	0	0	0	0	0	0	0	18	1.27
W	0	0	0	11	4	1	0	0	0	0	0	0	16	1.49
WNW	1	2	1	7	4	0	0	0	0	0	0	0	15	1.31
NW	1	1	0	3	10	2	0	0	0	0	0	0	17	1.69
NNW	0	0	0	4	4	0	0	0	0	0	0	0	8	1.60
TOTAL	5	18	13	58	40	27	13	0	0	0	0	0	174	

NUMBER OF CALMS 0

NUMBER OF INVALID HOURS 0 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS LESS NUMBER OF VALID HOURS)

NUMBER OF VALID HOURS 2160 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS WITH VALID SPEED, DIRECTION, AND STABILITY)

BALTIMORE GAS AND ELECTRIC COMPANY
 CALVERT CLIFFS NUCLEAR SITE
 WIND REDUCED FROM 125 FOOT LEVEL TO 33 FOOT LEVEL
 STABILITY CLASS F (30-200 FOOT)
 WINDS AT 33 FOOT LEVEL

WIND FREQUENCY DISTRIBUTION

FREQUENCY IN PERCENT OF TOTAL

1/01/81 TO 3/31/81

WIND SPEED (M/S)

WIND DIRECTION	.20- 500	.510- 750	.760- 1	1.10- 1.50	1.60- 2	2.10- 3	3.10- 5	5.10- 7	7.10- 10	10.1- 13	13.1- 18	>18.0	ROW TOTAL	MEAN SPEED
N	.00	.05	.05	.14	.19	.23	.56	.00	.00	.00	.00	.00	1.20	2.87
NNE	.00	.09	.19	.09	.05	.00	.00	.00	.00	.00	.00	.00	.42	1.01
NE	.00	.05	.09	.00	.00	.00	.00	.00	.00	.00	.00	.00	.14	.89
ENE	.05	.05	.00	.05	.00	.00	.00	.00	.00	.00	.00	.00	.14	.80
E	.05	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05	.40
ESE	.00	.09	.05	.05	.00	.05	.00	.00	.00	.00	.00	.00	.23	1.20
SE	.00	.05	.09	.14	.00	.00	.00	.00	.00	.00	.00	.00	.28	1.10
SEE	.00	.00	.00	.19	.09	.00	.00	.00	.00	.00	.00	.00	.28	1.48
S	.00	.00	.00	.00	.19	.23	.00	.00	.00	.00	.00	.00	.42	2.15
SEW	.00	.00	.05	.09	.00	.56	.05	.00	.00	.00	.00	.00	.74	2.29
SW	.00	.14	.05	.46	.05	.05	.00	.00	.00	.00	.00	.00	.74	1.28
WSW	.05	.19	.00	.32	.28	.00	.00	.00	.00	.00	.00	.00	.83	1.27
W	.00	.00	.00	.51	.19	.05	.00	.00	.00	.00	.00	.00	.74	1.49
WNW	.05	.09	.05	.32	.19	.00	.00	.00	.00	.00	.00	.00	.69	1.31
NW	.05	.05	.00	.14	.46	.09	.00	.00	.00	.00	.00	.00	.79	1.63
NNW	.00	.00	.00	.19	.19	.00	.00	.00	.00	.00	.00	.00	.37	1.60
TOTAL	.23	.83	.60	2.69	1.85	1.25	.60	.00	.00	.00	.00	.00	8.05	

NUMBER OF CALMS 0

NUMBER OF INVALID HOURS 0 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS LESS NUMBER OF VALID HOURS)

NUMBER OF VALID HOURS 2160 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS WITH VALID SPEED, DIRECTION, AND STABILITY)

BALTIMORE GAS AND ELECTRIC COMPANY
 CALVERT CLIFFS NUCLEAR SITE
 WIND REDUCED FROM 125 FOOT LEVEL TO 33 FOOT LEVEL
 STABILITY CLASS G (30-200 FOOT)
 WINDS AT 33 FOOT LEVEL

REVISION 3

WIND FREQUENCY DISTRIBUTION

FREQUENCY IN NUMBER OF OCCURRENCES

1/01/81 TO 3/31/81

WIND SPEED (M/S)

WIND DIRECTION	.220- .500	.510- .750	.760- 1	1.10- 1.50	1.60- 2	2.10- 3	3.10- 5	5.10- 7	7.10- 10	10.1- 13	13.1- 18	>18.0	ROW TOTAL	MEAN SPEED
N	1	1	0	0	0	0	1	0	0	0	0	0	3	1.71
NNE	1	1	1	0	0	0	0	0	0	0	0	0	3	.64
NE	0	0	1	1	0	0	0	0	0	0	0	0	2	1.07
ENE	0	0	0	0	0	0	0	0	0	0	0	0	0	.00
E	0	0	0	0	0	0	0	0	0	0	0	0	0	.00
ESE	0	2	0	0	0	0	0	0	0	0	0	0	2	.67
SE	0	2	1	0	0	0	0	0	0	0	0	0	3	.72
SSE	0	2	1	0	1	0	0	0	0	0	0	0	4	1.01
S	0	0	1	4	3	3	0	0	0	0	0	0	11	1.81
SSW	0	0	0	1	1	1	0	0	0	0	0	0	3	1.92
SW	2	2	1	4	1	0	0	0	0	0	0	0	10	.94
WSW	1	3	3	5	0	0	0	0	0	0	0	0	12	.94
W	4	0	1	1	2	0	0	0	0	0	0	0	8	.91
WNW	0	0	2	4	2	0	0	0	0	0	0	0	8	1.39
NW	1	0	3	2	2	0	0	0	0	0	0	0	8	1.14
NNW	0	0	1	2	1	0	0	0	0	0	0	0	4	1.24
TOTAL	10	13	16	24	13	4	1	0	0	0	0	0	81	

NUMBER OF CALMS 0

NUMBER OF INVALID HOURS 0 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS LESS NUMBER OF VALID HOURS)

NUMBER OF VALID HOURS 2160 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS WITH VALID SPEED, DIRECTION, AND STABILITY)

BALTIMORE GAS AND ELECTRIC COMPANY
 CALVERT CLIFFS NUCLEAR SITE
 WIND REDUCED FROM 125 FOOT LEVEL TO 33 FOOT LEVEL
 STABILITY CLASS G (30-200 FOOT)
 WINDS AT 33 FOOT LEVEL

WIND FREQUENCY DISTRIBUTION

FREQUENCY IN PERCENT OF TOTAL

1/01/81 TO 3/31/81

WIND SPEED (M/S)

WIND DIRECTION	.220- .500	.510- .750	.760- 1	1.10- 1.50	1.60- 2	2.10- 3	3.10- 5	5.10- 7	7.10- 10	10.1- 13	13.1- 18	>18.0	ROW TOTAL	MEAN SPEED
N	.05	.05	.00	.00	.00	.00	.05	.00	.00	.00	.00	.00	.14	1.71
NNE	.05	.05	.05	.00	.00	.00	.00	.00	.00	.00	.00	.00	.14	.64
NE	.00	.00	.05	.05	.00	.00	.00	.00	.00	.00	.00	.00	.09	1.07
ENE	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
E	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ESE	.00	.09	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.09	.67
SE	.00	.09	.05	.00	.00	.00	.00	.00	.00	.00	.00	.00	.14	.72
SES	.00	.09	.05	.00	.05	.00	.00	.00	.00	.00	.00	.00	.19	1.01
S	.00	.00	.05	.19	.14	.14	.00	.00	.00	.00	.00	.00	.51	1.81
SSW	.00	.00	.00	.05	.05	.05	.00	.00	.00	.00	.00	.00	.14	1.92
SW	.09	.09	.05	.19	.05	.00	.00	.00	.00	.00	.00	.00	.46	.94
WSW	.05	.14	.14	.23	.00	.00	.00	.00	.00	.00	.00	.00	.56	.94
W	.19	.00	.05	.05	.09	.00	.00	.00	.00	.00	.00	.00	.37	.91
WNW	.00	.00	.09	.19	.09	.00	.00	.00	.00	.00	.00	.00	.37	1.39
NW	.05	.00	.14	.09	.09	.00	.00	.00	.00	.00	.00	.00	.37	1.14
NNW	.00	.00	.05	.09	.05	.00	.00	.00	.00	.00	.00	.00	.19	1.24
TOTAL	.46	.60	.74	1.11	.60	.19	.05	.00	.00	.00	.00	.00	3.75	

NUMBER OF CALMS

0

NUMBER OF INVALID HOURS 0 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS LESS NUMBER OF VALID HOURS)

NUMBER OF VALID HOURS 2160 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS WITH VALID SPEED, DIRECTION, AND STABILITY)

BALTIMORE GAS AND ELECTRIC COMPANY
CALVERT CLIFFS NUCLEAR SITE
WIND REDUCED FROM 125 FOOT LEVEL TO 33 FOOT LEVEL
STABILITY CLASS ALL (30-200 FOOT)
WINDS AT 33 FOOT LEVEL

WIND FREQUENCY DISTRIBUTION

FREQUENCY IN PERCENT OF TOTAL

1/01/81 TO 3/31/81

WIND SPEED (M/S)

WIND DIRECTION	.230- .500	.510- .750	.760- 1	1.10- 1.50	1.60- 2	2.10- 3	3.10- 5	5.10- 7	7.10- 10	10.1- 13	13.1- 18	>18.0	ROW TOTAL	MEAN SPEED
N	.05	.23	.32	1.48	1.20	2.36	2.73	.42	.05	.00	.00	.00	8.84	2.75
NNE	.05	.37	.93	1.25	.46	.74	.37	.00	.05	.00	.00	.00	4.21	1.67
NE	.05	.23	.51	.51	.28	.14	.05	.00	.00	.00	.00	.00	1.76	1.30
ENE	.05	.37	.74	.46	.00	.37	.00	.00	.00	.00	.00	.00	1.99	1.23
E	.14	.23	.19	.51	.09	.00	.00	.00	.00	.00	.00	.00	1.16	1.05
ESE	.00	.51	.32	.51	.32	.14	.00	.00	.00	.00	.00	.00	1.81	1.26
SE	.00	.14	.42	.42	.37	.56	.14	.00	.00	.00	.00	.00	2.04	1.82
SSE	.00	.09	.09	1.06	.65	1.06	1.44	.09	.00	.00	.00	.00	4.49	2.63
S	.00	.00	.19	.69	1.67	3.29	1.25	.14	.00	.00	.00	.00	7.22	2.46
SSW	.05	.05	.14	.69	.97	3.38	.37	.00	.00	.00	.00	.00	5.65	2.24
SW	.19	.32	.56	2.27	2.41	2.87	1.02	.00	.00	.00	.00	.00	9.63	1.98
WSW	.37	.69	.79	1.90	1.44	1.16	.37	.00	.00	.00	.00	.00	6.71	1.58
W	.23	.09	.42	2.00	1.44	1.16	.46	.00	.00	.00	.00	.00	5.88	1.76
WNW	.05	.32	.60	2.50	2.64	2.64	1.94	.00	.00	.00	.00	.00	10.69	2.15
NW	.19	.14	.19	1.57	2.82	6.81	4.31	.32	.00	.00	.00	.00	16.34	2.67
NNW	.05	.19	.37	.74	1.53	3.47	4.63	.56	.05	.00	.00	.00	11.57	3.00

TOTAL 1.44 3.98 6.76 18.66 18.29 30.14 19.07 1.53 .14 .00 .00 .00 100.00

NUMBER OF CALMS 0

NUMBER OF INVALID HOURS 0 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS LESS NUMBER OF VALID HOURS)

NUMBER OF VALID HOURS 2160 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS WITH VALID SPEED, DIRECTION, AND STABILITY)

BALTIMORE GAS AND ELECTRIC COMPANY
CALVERT CLIFFS NUCLEAR SITE
WIND REDUCED FROM 125 FOOT LEVEL TO 33 FOOT LEVEL
STABILITY CLASS ALL (30-200 FOOT)
WINDS AT 33 FOOT LEVEL

WIND FREQUENCY DISTRIBUTION

FREQUENCY IN NUMBER OF OCCURRENCES

1/01/81 TO 3/31/81

WIND SPEED (M/S)

WIND DIRECTION	.220- .500	.510- .750	.760- 1	1.10- 1.50	1.60- 2	2.10- 3	3.10- 5	5.10- 7	7.10- 10	10.1- 13	13.1- 18	>18.0	POW TOTAL	MEAN SPEED
N	1	5	7	32	26	51	59	9	1	0	0	0	191	2.75
NNE	1	8	20	27	10	16	8	0	1	0	0	0	91	1.67
NE	1	5	11	11	6	3	1	0	0	0	0	0	38	1.30
ENE	1	8	16	10	0	8	0	0	0	0	0	0	43	1.23
E	3	5	4	11	2	0	0	0	0	0	0	0	25	1.05
ESE	0	11	7	11	7	3	0	0	0	0	0	0	39	1.26
SE	0	3	9	9	8	12	3	0	0	0	0	0	44	1.82
SSE	0	2	2	23	14	23	31	2	0	0	0	0	97	2.63
S	0	0	4	15	36	71	27	3	0	0	0	0	156	2.46
SSW	1	1	3	15	21	73	8	0	0	0	0	0	122	2.24
SW	4	7	12	49	52	62	22	0	0	0	0	0	208	1.96
WSW	8	15	17	41	31	25	8	0	0	0	0	0	145	1.59
W	5	2	9	45	31	25	10	0	0	0	0	0	127	1.76
WNW	1	7	13	54	57	57	42	0	0	0	0	0	231	2.15
NW	4	3	4	34	61	147	93	7	0	0	0	0	353	2.67
NNW	1	4	8	16	33	75	100	12	1	0	0	0	250	3.00
TOTAL	31	86	146	403	395	651	412	33	3	0	0	0	2160	

NUMBER OF CALMS 0

NUMBER OF INVALID HOURS 0 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS LESS NUMBER OF VALID HOURS)

NUMBER OF VALID HOURS 2160 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS WITH VALID SPEED, DIRECTION, AND STABILITY)

BALTIMORE GAS AND ELECTRIC COMPANY
CALVERT CLIFFS NUCLEAR SITE
WIND REDUCED FROM 125 FOOT LEVEL TO 33 FOOT LEVEL
PERIODS OF RELEASE ONLY
STABILITY CLASS B (30-200 FOOT)
WINDS AT 33 FOOT LEVEL

WIND FREQUENCY DISTRIBUTION

FREQUENCY IN PERCENT OF TOTAL

1/01/81 TO 3/31/81

WIND SPEED (M/S)

WIND DIRECTION	.220- .500	.510- .750	.760- 1	1.10- 1.50	1.60- 2	2.10- 3	3.10- 5	5.10- 7	7.10- 10	10.1- 13	13.1- 19	>18.0	ROW TOTAL	MEAN SPEED
N	.00	.08	.00	.00	.00	.00	.08	.00	.00	.00	.00	.00	.16	2.39
NNE	.08	.08	.08	.00	.00	.00	.00	.00	.00	.00	.00	.00	.24	.64
NE	.00	.00	.08	.08	.00	.00	.00	.00	.00	.00	.00	.00	.16	1.07
ENE	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
E	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ESE	.00	.16	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.16	.67
SE	.00	.16	.08	.00	.00	.00	.00	.00	.00	.00	.00	.00	.24	.72
SSE	.00	.16	.08	.00	.08	.00	.00	.00	.00	.00	.00	.00	.33	1.01
S	.00	.00	.00	.33	.24	.16	.00	.00	.00	.00	.00	.00	.73	1.86
SSW	.00	.00	.00	.08	.00	.08	.00	.00	.00	.00	.00	.00	.16	2.08
SW	.00	.08	.08	.16	.00	.00	.00	.00	.00	.00	.00	.00	.33	1.01
WSW	.08	.24	.16	.33	.00	.00	.00	.00	.00	.00	.00	.00	.82	.89
W	.24	.00	.00	.08	.08	.00	.00	.00	.00	.00	.00	.00	.41	.88
WNW	.00	.00	.08	.24	.00	.00	.00	.00	.00	.00	.00	.00	.33	1.30
NW	.08	.00	.16	.16	.08	.00	.00	.00	.00	.00	.00	.00	.49	1.08
NNW	.00	.00	.08	.00	.00	.00	.00	.00	.00	.00	.00	.00	.08	.80
TOTAL	.49	.98	.90	1.47	.49	.24	.08	.00	.00	.00	.00	.00	4.65	

NUMBER OF CALMS

0

NUMBER OF INVALID HOURS 0 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS LESS NUMBER OF VALID HOURS)

NUMBER OF VALID HOURS 1226 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS WITH VALID SPEED, DIRECTION, AND STABILITY)

BALTIMORE GAS AND ELECTRIC COMPANY
 CALVERT CLIFFS NUCLEAR SITE
 WIND REDUCED FROM 125 FOOT LEVEL TO 33 FOOT LEVEL
 PERIODS OF RELEASE ONLY
 STABILITY CLASS G (30-200 FOOT)
 WINDS AT 33 FOOT LEVEL

WIND FREQUENCY DISTRIBUTION

FREQUENCY IN NUMBER OF OCCURRENCES

1/01/81 TO 3/31/81

WIND SPEED (M/S)

WIND DIRECTION	.220- .500	.510- .750	.760- 1	1.10- 1.50	1.50- 2	2.10- 2.50	3.10- 3.50	5.10- 5.50	7.10- 7.50	10.1- 10.5	13.1- 13.5	>19.0	ROW TOTAL	MEAN SPEED
N	0	1	0	0	0	0	1	0	0	0	0	0	2	2.39
NNE	1	1	1	0	0	0	0	0	0	0	0	0	3	.64
NE	0	0	1	1	0	0	0	0	0	0	0	0	2	1.07
ENE	0	0	0	0	0	0	0	0	0	0	0	0	0	.00
E	0	0	0	0	0	0	0	0	0	0	0	0	0	.00
ESE	0	2	0	0	0	0	0	0	0	0	0	0	2	.67
SE	0	2	1	0	0	0	0	0	0	0	0	0	3	.72
SSE	0	2	1	0	1	0	0	0	0	0	0	0	4	1.01
S	0	0	0	4	3	2	0	0	0	0	0	0	9	1.86
SSW	0	0	0	1	0	1	0	0	0	0	0	0	2	2.08
SW	0	1	1	2	0	0	0	0	0	0	0	0	4	1.01
WSW	1	3	2	4	0	0	0	0	0	0	0	0	10	.89
W	3	0	0	1	1	0	0	0	0	0	0	0	5	.88
WNW	0	0	1	3	0	0	0	0	0	0	0	0	4	1.30
NW	1	0	2	2	1	0	0	0	0	0	0	0	6	1.08
NNW	0	0	1	0	0	0	0	0	0	0	0	0	1	.80

TOTAL 6 12 11 18 6 3 1 0 0 0 0 0 0 57

NUMBER OF CALMS 0

NUMBER OF INVALID HOURS 0 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS LESS NUMBER OF VALID HOURS)

NUMBER OF VALID HOURS 1226 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS WITH VALID SPEED, DIRECTION, AND STABILITY)

BALTIMORE GAS AND ELECTRIC COMPANY
 CALVERT CLIFFS NUCLEAR SITE
 WIND REDUCED FROM 125 FOOT LEVEL TO 33 FOOT LEVEL
 PERIODS OF RELEASE ONLY
 STABILITY CLASS F (30-200 FOOT)
 WINDS AT 33 FOOT LEVEL

WIND FREQUENCY DISTRIBUTION

FREQUENCY IN NUMBER OF OCCURRENCES

1/01/81 TO 3/31/81

WIND SPEED (M/S)

WIND DIRECTION	.220- .500	.510- .750	.750- 1	1.10- 1.50	1.50- 2	2.10- 3	3.10- 5	5.10- 7	7.10- 10	10.1- 13	13.1- 18	>18.0	ROW TOTAL	MEAN SPEED
N	0	1	0	3	3	5	12	0	0	0	0	0	24	3.01
NNE	0	0	4	2	1	0	0	0	0	0	0	0	7	1.09
NE	0	1	2	0	0	0	0	0	0	0	0	0	3	.89
ENE	1	1	0	1	0	0	0	0	0	0	0	0	3	.80
E	1	0	0	0	0	0	0	0	0	0	0	0	1	.40
ESE	0	2	1	1	0	1	0	0	0	0	0	0	5	1.20
SE	0	1	2	3	0	0	0	0	0	0	0	0	6	1.10
SSE	0	0	0	3	2	0	0	0	0	0	0	0	5	1.56
S	0	0	0	0	2	5	0	0	0	0	0	0	7	2.26
SSW	0	0	1	1	0	10	1	0	0	0	0	0	13	2.33
SW	0	1	0	6	1	0	0	0	0	0	0	0	8	1.30
WSW	1	3	0	3	3	0	0	0	0	0	0	0	10	1.16
W	0	0	0	6	2	1	0	0	0	0	0	0	9	1.50
WNW	1	1	0	4	1	0	0	0	0	0	0	0	7	1.18
NW	0	0	0	2	4	0	0	0	0	0	0	0	6	1.76
NNW	0	0	0	3	2	0	0	0	0	0	0	0	5	1.58

TOTAL 4 11 10 38 21 22 13 0 0 0 0 0 0 119

NUMBER OF CALMS 0

NUMBER OF INVALID HOURS 0 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS LESS NUMBER OF VALID HOURS)

NUMBER OF VALID HOURS 1226 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS WITH VALID SPEED, DIRECTION, AND STABILITY)

BALTIMORE GAS AND ELECTRIC COMPANY
 CALVERT CLIFFS NUCLEAR SITE
 WIND REDUCED FROM 125 FOOT LEVEL TO 33 FOOT LEVEL
 PERIODS OF RELEASE ONLY
 STABILITY CLASS F (30-200 FOOT)
 WINDS AT 33 FOOT LEVEL

REVISION 3

WIND FREQUENCY DISTRIBUTION

FREQUENCY IN PERCENT OF TOTAL

1/01/81 TO 3/31/81

WIND SPEED (M/S)

WIND DIRECTION	.220- .500	.510- .750	.760- 1	1.10- 1.50	1.60- 2	2.10- 3	3.10- 5	5.10- 7	7.10- 10	10.1- 13	13.1- 18	>18.0	ROW TOTAL	MEAN SPEED
N	.00	.08	.00	.24	.24	.41	.58	.00	.00	.00	.00	.00	1.96	3.01
NNE	.00	.00	.33	.16	.08	.00	.00	.00	.00	.00	.00	.00	.57	1.09
NE	.00	.08	.16	.00	.00	.00	.00	.00	.00	.00	.00	.00	.24	.89
ENE	.08	.08	.00	.08	.00	.00	.00	.00	.00	.00	.00	.00	.24	.80
E	.08	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.08	.40
ESE	.00	.16	.08	.08	.00	.08	.00	.00	.00	.00	.00	.00	.41	1.20
SE	.00	.08	.16	.24	.00	.00	.00	.00	.00	.00	.00	.00	.49	1.10
SSE	.00	.00	.00	.24	.16	.00	.00	.00	.00	.00	.00	.00	.41	1.56
S	.00	.00	.00	.00	.16	.41	.00	.00	.00	.00	.00	.00	.57	2.26
SSW	.00	.00	.08	.08	.00	.82	.08	.00	.00	.00	.00	.00	1.06	2.33
SW	.00	.08	.00	.49	.08	.00	.00	.00	.00	.00	.00	.00	.65	1.30
WSW	.08	.24	.00	.24	.24	.00	.00	.00	.00	.00	.00	.00	.82	1.16
W	.00	.00	.00	.49	.16	.08	.00	.00	.00	.00	.00	.00	.73	1.50
WNW	.08	.08	.00	.33	.08	.00	.00	.00	.00	.00	.00	.00	.57	1.18
NW	.00	.00	.00	.16	.33	.00	.00	.00	.00	.00	.00	.00	.49	1.76
NNW	.00	.00	.00	.24	.16	.00	.00	.00	.00	.00	.00	.00	.41	1.58
TOTAL	.33	.90	.82	3.10	1.71	1.79	1.06	.00	.00	.00	.00	.00	9.71	

NUMBER OF CALMS

0

NUMBER OF INVALID HOURS 0 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS LESS NUMBER OF VALID HOURS)

NUMBER OF VALID HOURS 1225 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS WITH VALID SPEED, DIRECTION, AND STABILITY)

BALTIMORE GAS AND ELECTRIC COMPANY
 CALVERT CLIFFS NUCLEAR SITE
 WIND REDUCED FROM 125 FOOT LEVEL TO 33 FOOT LEVEL
 PERIODS OF RELEASE ONLY
 STABILITY CLASS E (30-200 FOOT)
 WINDS AT 33 FOOT LEVEL

WIND FREQUENCY DISTRIBUTION

FREQUENCY IN NUMBER OF OCCURRENCES

1/01/81 TO 3/31/81

WIND SPEED (M/S)

WIND DIRECTION	.20- .500	.510- .750	.760- 1	1.10- 1.50	1.60- 2	2.10- 3	3.10- 5	5.10- 7	7.10- 10	10.1- 13	13.1- 18	>18.0	ROW TOTAL	MEAN SPEED
N	0	0	1	7	3	12	3	1	0	0	0	0	27	2.35
NNE	0	1	2	5	1	0	0	0	0	0	0	0	9	1.32
NE	1	0	1	0	0	0	0	0	0	0	0	0	2	.56
ENE	0	2	2	1	0	0	0	0	0	0	0	0	5	.93
E	1	3	1	1	0	0	0	0	0	0	0	0	6	.80
ESE	0	3	3	2	2	1	0	0	0	0	0	0	11	1.22
SE	0	0	2	4	3	2	0	0	0	0	0	0	11	1.59
SSE	0	0	0	2	3	2	7	2	0	0	0	0	16	3.49
S	6	0	0	2	14	38	9	3	0	0	0	0	66	2.57
SSW	1	0	1	4	8	22	1	0	0	0	0	0	37	2.15
SW	1	0	3	8	13	15	2	0	0	0	0	0	42	1.99
WSW	4	1	5	12	6	1	0	0	0	0	0	0	29	1.21
W	0	0	2	13	5	2	0	0	0	0	0	0	22	1.46
WNW	0	0	5	10	9	3	5	0	0	0	0	0	32	1.85
NW	2	2	1	10	16	18	3	1	0	0	0	0	53	2.04
NNW	0	1	0	3	14	16	5	0	0	0	0	0	39	2.23

TOTAL 10 13 29 84 97 132 35 7 0 0 0 0 0 407

NUMBER OF CALMS 0

NUMBER OF INVALID HOURS 0 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS LESS NUMBER OF VALID HOURS)

NUMBER OF VALID HOURS 1226 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS WITH VALID SPEED, DIRECTION, AND STABILITY)

BALTIMORE GAS AND ELECTRIC COMPANY
 CALVERT CLIFFS NUCLEAR SITE
 WIND REDUCED FROM 125 FOOT LEVEL TO 33 FOOT LEVEL
 PERIODS OF RELEASE ONLY
 STABILITY CLASS E (30-200 FOOT)
 WINDS AT 33 FOOT LEVEL

WIND FREQUENCY DISTRIBUTION

FREQUENCY IN PERCENT OF TOTAL

1/01/81 TO 3/31/81

WIND SPEED (M/S)

WIND DIRECTION	.200- .500	.510- .750	.760- 1	1.10- 1.50	1.50- 2	2.10- 3	3.10- 5	5.10- 7	7.10- 10	10.1- 13	13.1- 18	>18.0	FCM TOTAL	MEAN SPEED
N	.00	.00	.00	.57	.24	.98	.24	.00	.00	.00	.00	.00	2.20	2.35
NNE	.00	.00	.16	.41	.00	.00	.00	.00	.00	.00	.00	.00	.73	1.32
NE	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.16	.56
ENE	.00	.16	.16	.00	.00	.00	.00	.00	.00	.00	.00	.00	.41	.93
E	.00	.24	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.49	.80
ESE	.00	.24	.24	.16	.16	.00	.00	.00	.00	.00	.00	.00	.90	1.22
SE	.00	.00	.16	.33	.24	.16	.00	.00	.00	.00	.00	.00	.90	1.59
SSE	.00	.00	.00	.16	.24	.16	.57	.16	.00	.00	.00	.00	1.31	3.49
S	.00	.00	.00	.16	1.14	3.10	.73	.24	.00	.00	.00	.00	5.38	2.57
SSW	.00	.00	.00	.33	.65	1.79	.00	.00	.00	.00	.00	.00	3.02	2.15
SW	.00	.00	.24	.65	1.06	1.22	.16	.00	.00	.00	.00	.00	3.43	1.99
WSW	.33	.00	.41	.96	.49	.00	.00	.00	.00	.00	.00	.00	2.37	1.21
W	.00	.00	.16	1.06	.41	.16	.00	.00	.00	.00	.00	.00	1.79	1.46
WNW	.00	.00	.41	.82	.73	.24	.41	.00	.00	.00	.00	.00	2.51	1.85
NW	.16	.16	.00	.82	1.31	1.47	.24	.00	.00	.00	.00	.00	4.32	2.04
NNW	.00	.00	.00	.24	1.14	1.31	.41	.00	.00	.00	.00	.00	3.18	2.23
TOTAL	.82	1.06	2.37	6.85	7.91	10.77	2.85	.57	.00	.00	.00	.00	33.20	

NUMBER OF CALMS 0

NUMBER OF INVALID HOURS 0 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS LESS NUMBER OF VALID HOURS)

NUMBER OF VALID HOURS 1226 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS WITH VALID SPEED, DIRECTION, AND STABILITY)

BALTIMORE GAS AND ELECTRIC COMPANY
 CALVERT CLIFFS NUCLEAR SITE
 WIND REDUCED FROM 125 FOOT LEVEL TO 33 FOOT LEVEL
 PERIODS OF RELEASE ONLY
 STABILITY CLASS D (30-200 FOOT)
 WINDS AT 33 FOOT LEVEL

WIND FREQUENCY DISTRIBUTION

FREQUENCY IN NUMBER OF OCCURRENCES

1/01/81 TO 3/31/81

WIND SPEED (M/S)

WIND DIRECTION	.220- .500	.510- .750	.760- 1	1.10- 1.50	1.60- 2	2.10- 3	3.10- 5	5.10- 7	7.10- 10	10.1- 13	13.1- 18	>18.0	ROW TOTAL	MEAN SPEED
N	0	1	3	7	5	12	13	2	0	0	0	0	43	2.70
NNE	0	2	6	8	3	9	1	0	0	0	0	0	29	1.70
NE	0	3	3	3	5	1	0	0	0	0	0	0	15	1.32
ENE	0	3	8	4	0	4	0	0	0	0	0	0	19	1.24
E	1	2	1	2	0	0	0	0	0	0	0	0	6	.84
ESE	0	2	0	6	2	1	0	0	0	0	0	0	11	1.45
SE	0	0	2	0	4	8	2	0	0	0	0	0	16	2.43
SSE	0	0	0	8	2	14	17	0	0	0	0	0	41	2.87
S	0	0	0	1	6	19	11	0	0	0	0	0	37	2.78
SSW	0	1	0	5	6	11	1	0	0	0	0	0	24	2.02
SW	0	0	1	8	14	17	2	0	0	0	0	0	42	2.02
WSW	1	0	4	11	7	8	1	0	0	0	0	0	32	1.68
W	0	0	3	1	3	7	0	0	0	0	0	0	14	1.93
WNW	0	1	1	5	8	18	11	0	0	0	0	0	44	2.43
NW	0	0	0	7	8	65	37	0	0	0	0	0	117	2.88
NNW	0	1	2	3	4	27	40	3	0	0	0	0	80	3.19
TOTAL	2	16	34	79	77	221	136	5	0	0	0	0	570	

NUMBER OF CALMS

0

NUMBER OF INVALID HOURS 0 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS LESS NUMBER OF VALID HOURS)

NUMBER OF VALID HOURS 1226 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS WITH VALID SPEED, DIRECTION, AND STABILITY)

BALTIMORE GAS AND ELECTRIC COMPANY
 CALVERT CLIFFS NUCLEAR SITE
 WIND REDUCED FROM 125 FOOT LEVEL TO 33 FOOT LEVEL
 PERIODS OF RELEASE ONLY
 STABILITY CLASS D (30-200 FOOT)
 WINDS AT 33 FOOT LEVEL

WIND FREQUENCY DISTRIBUTION

FREQUENCY IN PERCENT OF TOTAL

1/01/81 TO 3/31/81

WIND SPEED (M/S)

WIND DIRECTION	.220- .500	.510- .750	.760- 1	1.10- 1.50	1.60- 2	2.10- 3	3.10- 5	5.10- 7	7.10- 10	10.1- 13	13.1- 18	>18.0	ROW TOTAL	MEAN SPEED
N	.00	.08	.24	.57	.41	.93	1.06	.16	.00	.00	.00	.00	3.51	2.70
NNE	.00	.16	.45	.65	.24	.73	.08	.00	.00	.00	.00	.00	2.37	1.70
NE	.00	.24	.24	.24	.41	.08	.00	.00	.00	.00	.00	.00	1.22	1.32
ENE	.00	.24	.65	.33	.00	.33	.00	.00	.00	.00	.00	.00	1.55	1.24
E	.08	.16	.08	.16	.00	.00	.00	.00	.00	.00	.00	.00	.49	.84
ESE	.00	.16	.00	.49	.16	.08	.00	.00	.00	.00	.00	.00	.90	1.45
SE	.00	.00	.16	.00	.33	.65	.16	.00	.00	.00	.00	.00	1.31	2.43
SSE	.00	.00	.00	.65	.16	1.14	1.39	.00	.00	.00	.00	.00	3.34	2.87
S	.00	.00	.00	.08	.49	1.55	.90	.00	.00	.00	.00	.00	3.02	2.78
SSW	.00	.08	.00	.41	.49	.90	.08	.00	.00	.00	.00	.00	1.96	2.02
SW	.00	.00	.08	.65	1.14	1.39	.16	.00	.00	.00	.00	.00	3.43	2.02
WSW	.08	.00	.33	.90	.57	.65	.08	.00	.00	.00	.00	.00	2.61	1.68
W	.00	.00	.24	.08	.24	.57	.00	.00	.00	.00	.00	.00	1.14	1.93
WNW	.00	.08	.08	.41	.65	1.47	.90	.00	.00	.00	.00	.00	3.59	2.43
NW	.00	.00	.00	.57	.65	5.30	3.02	.00	.00	.00	.00	.00	9.54	2.88
NNW	.00	.08	.16	.24	.33	2.20	3.26	.24	.20	.00	.00	.00	6.53	3.19

TOTAL .16 1.31 2.77 6.44 6.28 18.03 11.09 .41 .00 .00 .00 .00 .00 45.49

NUMBER OF CALMS 0

NUMBER OF INVALID HOURS 0 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS LESS NUMBER OF VALID HOURS)

NUMBER OF VALID HOURS 1226 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS WITH VALID SPEED, DIRECTION, AND STABILITY)

BALTIMORE GAS AND ELECTRIC COMPANY
 CALVERT CLIFFS NUCLEAR SITE
 WIND REDUCED FROM 125 FOOT LEVEL TO 33 FOOT LEVEL
 PERIODS OF RELEASE ONLY
 STABILITY CLASS C (30-200 FOOT)
 WINDS AT 33 FOOT LEVEL

WIND FREQUENCY DISTRIBUTION

FREQUENCY IN PERCENT OF TOTAL

1/01/81 TO 3/31/81

WIND SPEED (M/S)

WIND DIRECTION	.220- .500	.510- .750	.760- 1	1.10- 1.50	1.60- 2	2.10- 3	3.10- 5	5.10- 7	7.10- 10	10.1- 13	13.1- 18	>18.0	ROW TOTAL	MEAN SPEED
N	.00	.00	.00	.00	.08	.08	.08	.16	.08	.00	.00	.00	.49	4.97
NNE	.00	.00	.00	.00	.08	.08	.00	.00	.00	.00	.00	.00	.16	2.21
NE	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ENE	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
E	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ESE	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
SE	.00	.00	.00	.00	.08	.00	.08	.00	.00	.00	.00	.00	.16	2.93
SSE	.00	.00	.00	.00	.00	.08	.16	.00	.00	.00	.00	.00	.24	3.65
S	.00	.00	.00	.00	.00	.00	.16	.00	.00	.00	.00	.00	.16	4.00
SSW	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
SW	.00	.00	.00	.00	.00	.16	.00	.00	.00	.00	.00	.00	.16	2.64
WSW	.00	.00	.00	.00	.00	.33	.00	.00	.00	.00	.00	.00	.33	2.81
W	.00	.00	.00	.00	.00	.08	.16	.00	.00	.00	.00	.00	.24	3.28
WNW	.00	.00	.00	.00	.08	.33	.24	.00	.00	.00	.00	.00	.65	3.11
NW	.00	.00	.00	.00	.00	.00	.08	.16	.00	.00	.00	.00	.24	5.14
NNW	.00	.00	.00	.00	.00	.16	.16	.08	.00	.00	.00	.00	.41	3.8E
TOTAL	.00	.00	.00	.00	.33	1.31	1.14	.41	.08	.00	.00	.00	3.26	

NUMBER OF CALMS 0

NUMBER OF INVALID HOURS 0 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS LESS NUMBER OF VALID HOURS)

NUMBER OF VALID HOURS 1226 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS WITH VALID SPEED, DIRECTION, AND STABILITY)

BALTIMORE GAS AND ELECTRIC COMPANY
 CALVERT CLIFFS NUCLEAR SITE
 WIND REDUCED FROM 125 FOOT LEVEL TO 33 FOOT LEVEL
 PERIODS OF RELEASE ONLY
 STABILITY CLASS C (30-200 FOOT)
 WINDS AT 33 FOOT LEVEL

WIND FREQUENCY DISTRIBUTION

FREQUENCY IN NUMBER OF OCCURRENCES

1/01/81 TO 3/31/81

WIND SPEED (M/S)

WIND DIRECTION	.20- .500	.510- .750	.760- 1	1.10- 1.50	1.60- 2	2.10- 3	3.10- 5	5.10- 7	7.10- 10	10.1- 13	13.1- 18	>18.0	ROW TOTAL	MEAN SPEED
N	0	0	0	0	1	1	1	2	1	0	0	0	6	4.97
NNE	0	0	0	0	1	1	0	0	0	0	0	0	2	2.21
NE	0	0	0	0	0	0	0	0	0	0	0	0	0	.00
ENE	0	0	0	0	0	0	0	0	0	0	0	0	0	.00
E	0	0	0	0	0	0	0	0	0	0	0	0	0	.00
ESE	0	0	0	0	0	0	0	0	0	0	0	0	0	.00
SE	0	0	0	0	1	0	1	0	0	0	0	0	2	2.93
SSE	0	0	0	0	0	1	2	0	0	0	0	0	3	3.67
S	0	0	0	0	0	0	2	0	0	0	0	0	2	4.00
SSW	0	0	0	1	0	0	0	0	0	0	0	0	0	.00
SW	0	0	0	0	0	2	0	0	0	0	0	0	2	2.64
WSW	0	0	0	0	0	4	0	0	0	0	0	0	4	2.81
W	0	0	0	0	0	1	2	0	0	0	0	0	3	3.28
WNW	0	0	0	0	1	4	3	0	0	0	0	0	8	3.11
NW	0	0	0	0	0	0	1	2	0	0	0	0	3	5.14
NNW	0	0	0	0	0	2	2	1	0	0	0	0	5	3.85

TOTAL 0 0 0 0 4 16 14 5 1 0 0 0 0 40

NUMBER OF CALMS 0

NUMBER OF INVALID HOURS 0 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS LESS NUMBER OF VALID HOURS)

NUMBER OF VALID HOURS 1226 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS WITH VALID SPEED, DIRECTION, AND STABILITY)

BALTIMORE GAS AND ELECTRIC COMPANY
 CALVERT CLIFFS NUCLEAR SITE
 WIND REDUCED FROM 125 FOOT LEVEL TO 33 FOOT LEVEL
 PERIODS OF RELEASE ONLY
 STABILITY CLASS B (30-200 FOOT)
 WINDS AT 33 FOOT LEVEL

WIND FREQUENCY DISTRIBUTION

FREQUENCY IN NUMBER OF OCCURRENCES

1/01/81 TO 3/31/81

WIND SPEED (M/S)

WIND DIRECTION	.220- .500	.510- .750	.760- 1	1.10- 1.50	1.50- 2	2.10- 3	3.10- 5	5.10- 7	7.10- 10	10.1- 13	13.1- 18	>18.0	ROW TOTAL	MEAN SPEED
N	0	0	0	0	0	2	2	2	0	0	0	0	6	3.84
NNE	0	0	0	0	0	2	0	0	0	0	0	0	2	2.32
NE	0	0	0	0	0	0	0	0	0	0	0	0	0	.00
ENE	0	0	0	0	0	0	0	0	0	0	0	0	0	.00
E	0	0	0	0	0	0	0	0	0	0	0	0	0	.00
ESE	0	0	0	0	0	0	0	0	0	0	0	0	0	.00
SE	0	0	0	0	0	0	0	0	0	0	0	0	0	.00
SSE	0	0	0	0	0	0	0	0	0	0	0	0	0	.00
S	0	0	0	0	0	0	0	0	0	0	0	0	0	.00
SSW	0	0	0	0	0	0	0	0	0	0	0	0	0	.00
SW	0	0	0	0	0	0	0	0	0	0	0	0	0	.00
WSW	0	0	0	0	0	0	0	0	0	0	0	0	0	.00
W	0	0	0	0	0	0	2	0	0	0	0	0	2	3.33
WNW	0	0	1	0	0	3	4	0	0	0	0	0	8	2.90
NW	0	0	0	0	0	0	2	0	0	0	0	0	2	4.29
NNW	0	0	0	0	0	0	2	1	0	0	0	0	3	4.78

TOTAL 0 0 0 1 0 0 0 7 12 3 0 0 0 23

NUMBER OF CALMS 0

NUMBER OF INVALID HOURS 0 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS LESS NUMBER OF VALID HOURS)

NUMBER OF VALID HOURS 1226 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS WITH VALID SPEED, DIRECTION, AND STABILITY)

BALTIMORE GAS AND ELECTRIC COMPANY
 CALVERT CLIFFS NUCLEAR SITE
 WIND REDUCED FROM 125 FOOT LEVEL TO 33 FOOT LEVEL
 PERIODS OF RELEASE ONLY
 STABILITY CLASS B (30-200 FOOT)
 WINDS AT 33 FOOT LEVEL

WIND FREQUENCY DISTRIBUTION

FREQUENCY IN PERCENT OF TOTAL

1/01/81 TO 3/31/81

WIND SPEED (M/S)

WIND DIRECTION	.220- .500	.510- .750	.760- 1	1.10- 1.50	1.60- 2	2.10- 3	3.10- 5	5.10- 7	7.10- 10	10.1- 13	13.1- 18	>18.0	ROW TOTAL	MEAN SPEED
N	.00	.00	.00	.00	.00	.15	.15	.15	.00	.00	.00	.00	.49	3.84
NNE	.00	.00	.00	.00	.00	.16	.00	.00	.00	.00	.00	.00	.16	2.32
NF	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ENE	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
E	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ESE	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
SE	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
SSE	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
S	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
SSW	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
SW	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
WSW	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
W	.00	.00	.00	.00	.00	.00	.15	.00	.00	.00	.00	.00	.15	3.33
WNW	.00	.00	.00	.00	.00	.24	.33	.00	.00	.00	.00	.00	.65	2.90
NW	.00	.00	.00	.00	.00	.00	.15	.00	.00	.00	.00	.00	.15	4.29
NNW	.00	.00	.00	.00	.00	.00	.15	.00	.00	.00	.00	.00	.24	4.78

TOTAL .00 .00 .00 .00 .00 .57 .96 .24 .00 .00 .00 .00 .00 1.88

NUMBER OF CALMS 0

NUMBER OF INVALID HOURS 0 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS LESS NUMBER OF VALID HOURS)

NUMBER OF VALID HOURS 1200 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS WITH VALID SPEED, DIRECTION, AND STABILITY)

BALTIMORE GAS AND ELECTRIC COMPANY
 CALVERT CLIFFS NUCLEAR SITE
 WIND REDUCED FROM 125 FOOT LEVEL TO 33 FOOT LEVEL
 PERIODS OF RELEASE ONLY
 STABILITY CLASS A (30-200 FOOT)
 WINDS AT 33 FOOT LEVEL

WIND FREQUENCY DISTRIBUTION

FREQUENCY IN PERCENT OF TOTAL

1/01/81 TO 3/31/81

WIND SPEED (M/S)

WIND DIRECTION	.220- .500	.510- .750	.760- 1	1.10- 1.50	1.60- 2	2.10- 3	3.10- 5	5.10- 7	7.10- 10	10.1- 13	13.1- 18	>18.0	ROM TOTAL	MEAN SPEED
N	.00	.00	.00	.00	.00	.15	.33	.00	.00	.00	.00	.00	.49	3.51
NNE	.00	.00	.00	.00	.00	.03	.00	.00	.00	.00	.00	.00	.08	2.59
NE	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ENE	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
E	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ESE	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
SE	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
SSE	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
S	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
SSW	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
SW	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
WSW	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
W	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
WNW	.00	.00	.00	.00	.00	.00	.15	.00	.00	.00	.00	.00	.24	3.33
NW	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
NNW	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
TOTAL	.00	.00	.00	.00	.00	.24	.49	.00	.00	.00	.00	.00	.82	

NUMBER OF CALMS

0

NUMBER OF INVALID HOURS 0 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS LESS NUMBER OF VALID HOURS)

NUMBER OF VALID HOURS 1226 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS WITH VALID SPEED, DIRECTION, AND STABILITY)

BALTIMORE GAS AND ELECTRIC COMPANY
 CALVERT CLIFFS NUCLEAR SITE
 WIND REDUCED FROM 125 FOOT LEVEL TO 33 FOOT LEVEL
 PERIODS OF RELEASE ONLY
 STABILITY CLASS A (30-200 FOOT)
 WINDS AT 33 FOOT LEVEL

WIND FREQUENCY DISTRIBUTION

FREQUENCY IN NUMBER OF OCCURRENCES

1/01/81 TO 3/31/81

WIND SPEED (M/S)

WIND DIRECTION	.220- .500	.510- .750	.750- 1	1.10- 1.50	1.60- 2	2.10- 3	3.10- 5	5.10- 7	7.10- 10	10.1- 13	13.1- 18	>18.0	ROW TOTAL	MEAN SPEED
N	0	0	0	0	0	2	4	0	0	0	0	0	6	3.51
NNE	0	0	0	0	0	1	0	0	0	0	0	0	1	2.59
NE	0	0	0	0	0	0	0	0	0	0	0	0	0	.00
ENE	0	0	0	0	0	0	0	0	0	0	0	0	0	.00
E	0	0	0	0	0	0	0	0	0	0	0	0	0	.00
ESE	0	0	0	0	0	0	0	0	0	0	0	0	0	.00
SE	0	0	0	0	0	0	0	0	0	0	0	0	0	.00
SSE	0	0	0	0	0	0	0	0	0	0	0	0	0	.00
S	0	0	0	0	0	0	0	0	0	0	0	0	0	.00
SSW	0	0	0	0	0	0	0	0	0	0	0	0	0	.00
SW	0	0	0	0	0	0	0	0	0	0	0	0	0	.00
WSW	0	0	0	0	0	0	0	0	0	0	0	0	0	.00
W	0	0	0	0	0	0	0	0	0	0	0	0	0	.00
WNW	0	0	0	1	0	0	2	0	0	0	0	0	3	3.33
NW	0	0	0	0	0	0	0	0	0	0	0	0	0	.00
NNW	0	0	0	0	0	0	0	0	0	0	0	0	0	.00

TOTAL 0 0 0 1 0 0 3 6 0 0 0 0 0 10

NUMBER OF CALMS 0

NUMBER OF INVALID HOURS 0 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS LESS NUMBER OF VALID HOURS)

NUMBER OF VALID HOURS 1226 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS WITH VALID SPEED, DIRECTION, AND STABILITY)