

CALVERT CLIFFS NUCLEAR POWER PLANT

METEOROLOGICAL DATA

JULY 1, 1984 TO SEPTEMBER 30, 1984

8503250287 850228
PDR ADOCK 05000317
R PDR

WIND FREQUENCY DISTRIBUTION

FREQUENCY IN NUMBER OF OCCURRENCES

7/01/84 TO 9/30/84

WIND SPEED (M/S)

WIND DIRECTION	0- 500	510- 750	760- 1100	1110- 1350	1360- 1600	1610- 1900	1910- 2250	2260- 2700	2710- 3150	3160- 3700	3710- 4350	4360- 5000	5010- 5700	5710- 6400	6410- 7100	7110- 7800	7810- 8500	8510- 9200	9210- 9900	9910- 10600	10610- 11300	11310- 12000	12010- 12700	12710- 13400	13410- 14100	14110- 14800	14810- 15500	15510- 16200	16210- 16900	16910- 17600	17610- 18300	18310- 19000	19010- 19700	19710- 20400	20410- 21100	21110- 21800	21810- 22500	22510- 23200	23210- 23900	23910- 24600	24610- 25300	25310- 26000	26010- 26700	26710- 27400	27410- 28100	28110- 28800	28810- 29500	29510- 30200	30210- 30900	30910- 31600	31610- 32300	32310- 33000	33010- 33700	33710- 34400	34410- 35100	35110- 35800	35810- 36500	36510- 37200	37210- 37900	37910- 38600	38610- 39300	39310- 40000	40010- 40700	40710- 41400	41410- 42100	42110- 42800	42810- 43500	43510- 44200	44210- 44900	44910- 45600	45610- 46300	46310- 47000	47010- 47700	47710- 48400	48410- 49100	49110- 49800	49810- 50500	50510- 51200	51210- 51900	51910- 52600	52610- 53300	53310- 54000	54010- 54700	54710- 55400	55410- 56100	56110- 56800	56810- 57500	57510- 58200	58210- 58900	58910- 59600	59610- 60300	60310- 61000	61010- 61700	61710- 62400	62410- 63100	63110- 63800	63810- 64500	64510- 65200	65210- 65900	65910- 66600	66610- 67300	67310- 68000	68010- 68700	68710- 69400	69410- 70100	70110- 70800	70810- 71500	71510- 72200	72210- 72900	72910- 73600	73610- 74300	74310- 75000	75010- 75700	75710- 76400	76410- 77100	77110- 77800	77810- 78500	78510- 79200	79210- 79900	79910- 80600	80610- 81300	81310- 82000	82010- 82700	82710- 83400	83410- 84100	84110- 84800	84810- 85500	85510- 86200	86210- 86900	86910- 87600	87610- 88300	88310- 89000	89010- 89700	89710- 90400	90410- 91100	91110- 91800	91810- 92500	92510- 93200	93210- 93900	93910- 94600	94610- 95300	95310- 96000	96010- 96700	96710- 97400	97410- 98100	98110- 98800	98810- 99500	99510- 100200	100210- 100900	100910- 101600	101610- 102300	102310- 103000	103010- 103700	103710- 104400	104410- 105100	105110- 105800	105810- 106500	106510- 107200	107210- 107900	107910- 108600	108610- 109300	109310- 110000	110010- 110700	110710- 111400	111410- 112100	112110- 112800	112810- 113500	113510- 114200	114210- 114900	114910- 115600	115610- 116300	116310- 117000	117010- 117700	117710- 118400	118410- 119100	119110- 119800	119810- 120500	120510- 121200	121210- 121900	121910- 122600	122610- 123300	123310- 124000	124010- 124700	124710- 125400	125410- 126100	126110- 126800	126810- 127500	127510- 128200	128210- 128900	128910- 129600	129610- 130300	130310- 131000	131010- 131700	131710- 132400	132410- 133100	133110- 133800	133810- 134500	134510- 135200	135210- 135900	135910- 136600	136610- 137300	137310- 138000	138010- 138700	138710- 139400	139410- 140100	140110- 140800	140810- 141500	141510- 142200	142210- 142900	142910- 143600	143610- 144300	144310- 145000	145010- 145700	145710- 146400	146410- 147100	147110- 147800	147810- 148500	148510- 149200	149210- 149900	149910- 150600	150610- 151300	151310- 152000	152010- 152700	152710- 153400	153410- 154100	154110- 154800	154810- 155500	155510- 156200	156210- 156900	156910- 157600	157610- 158300	158310- 159000	159010- 159700	159710- 160400	160410- 161100	161110- 161800	161810- 162500	162510- 163200	163210- 163900	163910- 164600	164610- 165300	165310- 166000	166010- 166700	166710- 167400	167410- 168100	168110- 168800	168810- 169500	169510- 170200	170210- 170900	170910- 171600	171610- 172300	172310- 173000	173010- 173700	173710- 174400	174410- 175100	175110- 175800	175810- 176500	176510- 177200	177210- 177900	177910- 178600	178610- 179300	179310- 180000	180010- 180700	180710- 181400	181410- 182100	182110- 182800	182810- 183500	183510- 184200	184210- 184900	184910- 185600	185610- 186300	186310- 187000	187010- 187700	187710- 188400	188410- 189100	189110- 189800	189810- 190500	190510- 191200	191210- 191900	191910- 192600	192610- 193300	193310- 194000	194010- 194700	194710- 195400	195410- 196100	196110- 196800	196810- 197500	197510- 198200	198210- 198900	198910- 199600	199610- 200300	200310- 201000	201010- 201700	201710- 202400	202410- 203100	203110- 203800	203810- 204500	204510- 205200	205210- 205900	205910- 206600	206610- 207300	207310- 208000	208010- 208700	208710- 209400	209410- 210100	210110- 210800	210810- 211500	211510- 212200	212210- 212900	212910- 213600	213610- 214300	214310- 215000	215010- 215700	215710- 216400	216410- 217100	217110- 217800	217810- 218500	218510- 219200	219210- 219900	219910- 220600	220610- 221300	221310- 222000	222010- 222700	222710- 223400	223410- 224100	224110- 224800	224810- 225500	225510- 226200	226210- 226900	226910- 227600	227610- 228300	228310- 229000	229010- 229700	229710- 230400	230410- 231100	231110- 231800	231810- 232500	232510- 233200	233210- 233900	233910- 234600	234610- 235300	235310- 236000	236010- 236700	236710- 237400	237410- 238100	238110- 238800	238810- 239500	239510- 240200	240210- 240900	240910- 241600	241610- 242300	242310- 243000	243010- 243700	243710- 244400	244410- 245100	245110- 245800	245810- 246500	246510- 247200	247210- 247900	247910- 248600	248610- 249300	249310- 250000	250010- 250700	250710- 251400	251410- 252100	252110- 252800	252810- 253500	253510- 254200	254210- 254900	254910- 255600	255610- 256300	256310- 257000	257010- 257700	257710- 258400	258410- 259100	259110- 259800	259810- 260500	260510- 261200	261210- 261900	261910- 262600	262610- 263300	263310- 264000	264010- 264700	264710- 265400	265410- 266100	266110- 266800	266810- 267500	267510- 268200	268210- 268900	268910- 269600	269610- 270300	270310- 271000	271010- 271700	271710- 272400	272410- 273100	273110- 273800	273810- 274500	274510- 275200	275210- 275900	275910- 276600	276610- 277300	277310- 278000	278010- 278700	278710- 279400	279410- 280100	280110- 280800	280810- 281500	281510- 282200	282210- 282900	282910- 283600	283610- 284300	284310- 285000	285010- 285700	285710- 286400	286410- 287100	287110- 287800	287810- 288500	288510- 289200	289210- 289900	289910- 290600	290610- 291300	291310- 292000	292010- 292700	292710- 293400	293410- 294100	294110- 294800	294810- 295500	295510- 296200	296210- 296900	296910- 297600	297610- 298300	298310- 299000	299010- 299700	299710- 300400	300410- 301100	301110- 301800	301810- 302500	302510- 303200	303210- 303900	303910- 304600	304610- 305300	305310- 306000	306010- 306700	306710- 307400	307410- 308100	308110- 308800	308810- 309500	309510- 310200	310210- 310900	310910- 311600	311610- 312300	312310- 313000	313010- 313700	313710- 314400	314410- 315100	315110- 315800	315810- 316500	316510- 317200	317210- 317900	317910- 318600	318610- 319300	319310- 320000	320010- 320700	320710- 321400	321410- 322100	322110- 322800	322810- 323500	323510- 324200	324210- 324900	324910- 325600	325610- 326300	326310- 327000	327010- 327700	327710- 328400	328410- 329100	329110- 329800	329810- 330500	330510- 331200	331210- 331900	331910- 332600	332610- 333300	333310- 334000	334010- 334700	334710- 335400	335410- 336100	336110- 336800	336810- 337500	337510- 338200	338210- 338900	338910- 339600	339610- 340300	340310- 341000	341010- 341700	341710- 342400	342410- 343100	343110- 343800	343810- 344500	344510- 345200	345210- 345900	345910- 346600	346610- 347300	347310- 348000	348010- 348700	348710- 349400	349410- 350100	350110- 350800	350810- 351500	351510- 352200	352210- 352900	352910- 353600	353610- 354300	354310- 355000	355010- 355700	355710- 356400	356410- 357100	357110- 357800	357810- 358500	358510- 359200	359210- 359900	359910- 360600	360610- 361300	361310- 362000	362010- 362700	362710- 363400	363410- 364100	364110- 364800	364810- 365500	365510- 366200	366210- 366900	366910- 367600	367610- 368300	368310- 369000	369010- 369700	369710- 370400	370410- 371100	371110- 371800	371810- 372500	372510- 373200	373210- 373900	373910- 374600	374610- 375300	375310- 376000	376010- 376700	376710- 377400	377410- 378100	378110- 378800	378810- 379500	379510- 380200	380210- 380900	380910- 381600	381610- 382300	382310- 383000	383010- 383700	383710- 384400	384410- 385100	385110- 385800	385810- 386500	386510- 387200	387210- 387900	387910- 388600	388610- 389300	389310- 390000	390010- 390700	390710- 391400	391410- 392100	392110- 392800	392810- 393500	393510- 394200	394210- 394900	394910- 395600	395610- 396300	396310- 397000	397010- 397700	397710- 398400	398410- 399100	399110- 399800	399810- 400500	400510- 401200	401210- 401900	401910- 402600	402610- 403300	403310- 404000	404010- 404700	404710- 405400	405410- 406100	406110- 406800	406810- 407500	407510- 408200	408210- 408900	408910- 409600	409610- 410300	410310- 411000
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WIND FREQUENCY DISTRIBUTION

FREQUENCY IN PERCENT OF TOTAL

7/01/84 TO 9/30/84

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 TOTAL	MEAN SPEED
N	.00	.00	.10	.24	.34	2.53	3.85	3.51	.10	.00	.00	10.67	4.24
NNE	.00	.00	.05	.05	.68	.97	2.34	.88	.00	.00	.00	4.97	3.83
NE	.00	.00	.00	.29	.44	.83	1.66	.54	.00	.00	.00	3.75	3.61
ENE	.00	.00	.10	.15	.63	.93	1.07	.00	.00	.00	.00	2.87	2.76
E	.05	.05	.10	.34	.34	1.02	.49	.00	.00	.00	.00	2.39	2.45
ESE	.00	.00	.19	.63	1.07	.93	1.51	.00	.00	.00	.00	4.34	2.58
SE	.00	.00	.10	.63	.39	1.66	1.75	.15	.00	.00	.00	4.68	2.94
SSE	.00	.00	.24	.29	.44	1.90	1.75	.54	.05	.00	.00	5.21	3.26
S	.05	.15	.44	.58	.39	1.85	3.70	.54	.24	.00	.00	7.94	3.32
SSW	.00	.10	.34	.63	.58	3.65	6.87	1.80	1.32	.00	.00	15.29	3.99
SW	.00	.05	.44	.83	.63	2.19	4.82	1.56	.97	.00	.00	11.50	3.92
WSW	.00	.10	.29	.83	.78	1.95	3.70	1.46	.00	.00	.00	9.11	3.48
W	.00	.00	.15	.39	.88	1.27	1.12	.49	.10	.00	.00	4.38	3.16
WNW	.00	.00	.00	.10	.44	1.61	1.17	.15	.00	.00	.00	3.46	3.07
NW	.00	.00	.05	.15	.29	1.22	.88	.49	.05	.00	.00	3.12	3.42
NNW	.00	.00	.05	.05	.15	1.32	2.73	1.90	.15	.00	.00	6.33	4.34
TOTAL	.10	.44	2.63	6.19	8.48	25.82	39.41	13.98	2.97	.00	.00	100.00	

NUMBER OF CALMS 0

NUMBER OF INVALID HOURS 155 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS LESS NUMBER OF VALID HOURS)

NUMBER OF VALID HOURS 2053 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS WITH VALID SPEED, DIRECTION, AND STABILITY)

BALTIMORE GAS AND ELECTRIC COMPANY
CALVERT CLIFFS NUCLEAR SITE
STABILITY CLASS A (60-10 METER)
WINDS AT 10 METER LEVEL

REVISION 3

WIND FREQUENCY DISTRIBUTION

FREQUENCY IN NUMBER OF OCCURRENCES

7/01/84 TO 9/30/84

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	0	0	1	26	10	0	0	0	0	37	4.47
NNE	0	0	0	0	2	3	7	1	0	0	0	0	13	3.65
NE	0	0	0	0	0	0	2	0	0	0	0	0	2	4.20
ENE	0	0	0	0	0	0	4	0	0	0	0	0	4	3.80
E	0	0	0	0	0	0	1	0	0	0	0	0	1	4.00
ESE	0	0	0	0	0	0	1	0	0	0	0	0	1	3.90
SE	0	0	0	0	0	0	3	2	0	0	0	0	5	4.66
SSE	0	0	0	0	0	0	4	0	0	0	0	0	4	4.55
S	0	0	0	0	0	1	0	0	0	0	0	0	1	2.20
SSW	0	0	0	0	0	1	6	1	0	0	0	0	8	4.04
SW	0	0	0	0	0	3	3	0	0	0	0	0	6	3.20
WSW	0	0	0	0	0	0	7	0	0	0	0	0	7	3.77
W	0	0	0	2	0	0	0	0	0	0	0	0	2	1.45
WNW	0	0	0	0	0	2	1	0	0	0	0	0	3	3.00
NW	0	0	0	0	0	1	2	0	0	0	0	0	3	3.67
NNW	0	0	1	0	0	3	13	0	0	0	0	0	17	3.71

TOTAL 0 0 1 2 2 15 80 14 0 0 0 0 0 114

NUMBER OF CALMS 0

NUMBER OF INVALID HOURS 155 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS LESS NUMBER OF VALID HOURS)

NUMBER OF VALID HOURS 2053 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS WITH VALID SPEED, DIRECTION, AND STABILITY)

BALTIMORE GAS AND ELECTRIC COMPANY
CALVERT CLIFFS NUCLEAR SITE
STABILITY CLASS A (60-10 METER)
WINDS AT 10 METER LEVEL

REVISION 3

WIND FREQUENCY DISTRIBUTION

FREQUENCY IN PERCENT OF TOTAL

7/01/84 TO 9/30/84

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 TOTAL	MEAN SPEED
N	.00	.00	.00	.00	.00	.05	1.27	.49	.00	.00	.00	1.80	4.47
NNE	.00	.00	.00	.00	.10	.15	.34	.05	.00	.00	.00	.63	3.65
NE	.00	.00	.00	.00	.00	.00	.10	.00	.00	.00	.00	.10	4.20
ENE	.00	.00	.00	.00	.00	.00	.19	.00	.00	.00	.00	.19	3.80
E	.00	.00	.00	.00	.00	.00	.05	.00	.00	.00	.00	.05	4.00
ESE	.00	.00	.00	.00	.00	.00	.05	.00	.00	.00	.00	.05	3.90
SE	.00	.00	.00	.00	.00	.00	.15	.10	.00	.00	.00	.24	4.66
SSE	.00	.00	.00	.00	.00	.00	.19	.00	.00	.00	.00	.19	4.55
S	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05	2.20
SSW	.00	.00	.00	.00	.00	.05	.29	.05	.00	.00	.00	.39	4.04
SW	.00	.00	.00	.00	.00	.15	.15	.00	.00	.00	.00	.29	3.20
WSW	.00	.00	.00	.00	.00	.00	.34	.00	.00	.00	.00	.34	3.77
W	.00	.00	.00	.10	.00	.00	.00	.00	.00	.00	.00	.10	1.45
WNW	.00	.00	.00	.00	.00	.10	.05	.00	.00	.00	.00	.15	3.00
NW	.00	.00	.00	.00	.00	.05	.10	.00	.00	.00	.00	.15	3.67
NNW	.00	.00	.05	.00	.00	.15	.63	.00	.00	.00	.00	.83	3.71
TOTAL	.00	.00	.05	.10	.10	.73	3.90	.68	.00	.00	.00	5.55	

NUMBER OF CALMS 0

NUMBER OF INVALID HOURS 155 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS LESS NUMBER OF VALID HOURS)

NUMBER OF VALID HOURS 2053 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS WITH VALID SPEED, DIRECTION, AND STABILITY)

BALTIMORE GAS AND ELECTRIC COMPANY
CALVERT CLIFFS NUCLEAR SITE
STABILITY CLASS 8 (60-10 METER)
WINDS AT 10 METER LEVEL

REVISION 3

WIND FREQUENCY DISTRIBUTION

FREQUENCY IN NUMBER OF OCCURRENCES

7/01/84 TO 9/30/84

WIND SPEED (M/S)

WIND DIRECTION	-220- .500	-510- .750	-760- 1	1-10- 1.50	1-10- 2	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	0	0	10	10	7	1	0	0	0	29	4.13
NNE	0	0	1	0	1	1	1	6	0	0	0	0	0	9	3.76
NE	0	0	0	0	0	0	2	2	1	0	0	0	0	5	3.86
ENE	0	0	0	0	0	0	0	3	0	0	0	0	0	3	4.20
E	0	0	0	0	0	0	2	1	0	0	0	0	0	3	3.17
ESE	0	0	0	0	0	0	0	3	0	0	0	0	0	3	3.90
SE	0	0	0	0	0	0	1	8	1	0	0	0	0	10	3.99
SSE	0	0	0	0	0	0	1	2	0	0	0	0	0	3	3.60
S	0	0	0	0	0	0	2	4	0	0	0	0	0	6	3.42
SSW	0	0	0	0	0	0	1	6	0	0	0	0	0	7	4.11
SW	0	0	0	0	0	0	1	5	0	0	0	0	0	6	3.35
WSW	0	0	0	0	0	0	5	2	0	0	0	0	0	7	2.91
W	0	0	0	0	0	0	0	2	0	0	0	0	0	2	3.40
WNW	0	0	0	0	0	0	2	3	0	0	0	0	0	5	3.28
NW	0	0	0	0	1	1	1	2	0	0	0	0	0	4	3.07
NNW	0	0	0	0	0	0	4	3	1	0	0	0	0	8	3.65

TOTAL 0 0 1 1 2 33 62 10 1 0 0 0 0 110

NUMBER OF CALMS 0

NUMBER OF INVALID HOURS 155 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS LESS NUMBER OF VALID HOURS)

NUMBER OF VALID HOURS 2053 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS WITH VALID SPEED, DIRECTION, AND STABILITY)

BALTIMORE GAS AND ELECTRIC COMPANY
 CALVERT CLIFFS NUCLEAR SITE
 STABILITY CLASS B (60-10 METER)
 WINDS AT 10 METER LEVEL

REVISION 7

WIND FREQUENCY DISTRIBUTION

FREQUENCY IN PERCENT OF TOTAL

7/01/84 TO 9/30/84

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 TOTAL	MEAN SPEED
N	.00	.00	.00	.05	.00	.49	.49	.34	.05	.00	.00	1.41	4.13
NNE	.00	.00	.05	.00	.05	.05	.29	.00	.00	.00	.00	.44	3.76
NE	.00	.00	.00	.00	.00	.10	.10	.05	.00	.00	.00	.24	3.86
ENE	.00	.00	.00	.00	.00	.00	.15	.00	.00	.00	.00	.15	4.20
E	.00	.00	.00	.00	.00	.10	.05	.00	.00	.00	.00	.15	3.17
ESE	.00	.00	.00	.00	.00	.00	.15	.00	.00	.00	.00	.15	3.90
SE	.00	.00	.00	.00	.00	.05	.39	.05	.00	.00	.00	.49	3.99
SSE	.00	.00	.00	.00	.00	.05	.10	.00	.30	.00	.00	.15	3.60
S	.00	.00	.00	.00	.00	.10	.19	.00	.00	.00	.00	.29	3.42
SSW	.00	.00	.00	.00	.00	.05	.29	.00	.00	.00	.00	.34	4.11
SW	.00	.00	.00	.00	.00	.05	.24	.00	.00	.00	.00	.29	3.35
WSW	.00	.00	.00	.00	.00	.24	.10	.00	.00	.00	.00	.34	2.91
W	.00	.00	.00	.00	.00	.00	.10	.00	.00	.00	.00	.10	3.40
WNW	.00	.00	.00	.00	.00	.10	.15	.00	.00	.00	.00	.24	3.28
NW	.00	.00	.00	.00	.05	.05	.10	.00	.00	.00	.00	.19	3.07
NNW	.00	.00	.00	.00	.00	.19	.15	.05	.00	.00	.00	.39	3.65
TOTAL	.00	.00	.05	.05	.10	1.61	3.02	.49	.05	.00	.00	5.36	

NUMBER OF CALMS 0

NUMBER OF INVALID HOURS 155 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS LESS NUMBER OF VALID HOURS)

NUMBER OF VALID HOURS 2053 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS WITH VALID SPEED, DIRECTION, AND STABILITY)

WIND FREQUENCY DISTRIBUTION

FREQUENCY IN NUMBER OF OCCURRENCES

7/01/84 TO 9/30/84

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	1	2	3	19	10	30	0	0	0	0	65	4.38
NNE	0	0	0	1	4	4	8	3	0	0	0	0	20	3.50
NE	0	0	0	2	3	2	3	3	0	0	0	0	13	3.32
ENE	0	0	0	2	3	2	0	0	0	0	0	0	7	1.91
E	0	0	0	0	0	2	0	0	0	0	0	0	2	2.75
ESE	0	0	0	0	0	3	1	0	0	0	0	0	4	3.20
SE	0	0	0	0	1	5	6	0	0	0	0	0	12	3.25
SSE	0	0	0	0	0	2	4	0	0	0	0	0	6	3.52
S	0	0	0	0	0	1	6	0	0	0	0	0	7	3.46
SSW	0	0	0	0	1	6	5	4	1	0	0	0	17	4.18
SW	0	0	0	0	1	5	1	1	0	0	0	0	8	3.25
WSW	0	0	0	0	0	0	4	0	0	0	0	0	4	4.27
W	0	0	0	0	0	1	0	0	0	0	0	0	1	2.90
WNW	0	0	0	0	0	1	3	0	0	0	0	0	4	4.00
W	0	0	0	0	0	1	2	2	0	0	0	0	5	4.06
NNW	0	0	0	0	1	6	15	13	1	0	0	0	36	4.57

TOTAL 0 0 1 7 17 60 68 56 2 0 0 0 0 211

NUMBER OF CALMS 0

NUMBER OF INVALID HOURS 155 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS LESS NUMBER OF VALID HOURS)

NUMBER OF VALID HOURS 2053 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS WITH VALID SPEED, DIRECTION, AND STABILITY)

BALTIMORE GAS AND ELECTRIC COMPANY
CALVERT CLIFFS NUCLEAR SITE
STABILITY CLASS C (60-10 METER)
WINDS AT 10 METER LEVEL

REVISION 3

WIND FREQUENCY DISTRIBUTION

FREQUENCY IN PERCENT OF TOTAL

7/01/84 TO 9/30/84

WIND SPEED (M/S)

WIND DIRECTION	220- 500	510- 750	760- 1	1-10- 1.50	1-10- 2	1-60- 3	2-10- 5	3-10- 7	5-10- 10	7-10- 13	10-1- 18	13-1- 18	18.0 TOTAL	MEAN SPEED
N	.00	.00	.05	.10	.15	.93	.49	1.46	.00	.00	.00	.00	3.17	4.38
NNE	.00	.00	.00	.05	.19	.19	.39	.15	.00	.00	.00	.00	.97	3.50
NE	.00	.00	.00	.10	.15	.10	.15	.15	.00	.00	.00	.00	.63	3.32
ENE	.00	.00	.00	.10	.15	.10	.00	.00	.00	.00	.00	.00	.34	1.91
E	.00	.00	.00	.00	.00	.10	.00	.00	.00	.00	.00	.00	.10	2.75
ESE	.00	.00	.00	.00	.00	.15	.05	.00	.00	.00	.00	.00	.19	3.20
SE	.00	.00	.00	.00	.05	.24	.29	.00	.00	.00	.00	.00	.58	3.25
SSE	.00	.00	.00	.00	.00	.10	.19	.00	.00	.00	.00	.00	.29	3.52
S	.00	.00	.00	.00	.00	.05	.29	.00	.00	.00	.00	.00	.34	3.46
SSW	.00	.00	.00	.00	.05	.29	.24	.19	.05	.00	.00	.00	.83	4.18
SW	.00	.00	.00	.00	.05	.24	.05	.05	.00	.00	.00	.00	.39	3.25
WSW	.00	.00	.00	.00	.00	.00	.19	.00	.00	.00	.00	.00	.19	4.27
W	.00	.00	.00	.00	.00	.05	.00	.00	.00	.00	.00	.00	.05	2.90
WNW	.00	.00	.00	.00	.00	.05	.15	.00	.00	.00	.00	.00	.19	4.00
NW	.00	.00	.00	.00	.00	.05	.10	.10	.00	.00	.00	.00	.24	4.06
NNW	.00	.00	.00	.00	.05	.29	.73	.63	.05	.00	.00	.00	1.75	4.57
TOTAL	.00	.00	.05	.34	.83	2.92	3.31	2.73	.10	.00	.00	.00	10.28	

NUMBER OF CALMS 0

NUMBER OF INVALID HOURS 155 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS LESS NUMBER OF VALID HOURS)

NUMBER OF VALID HOURS 2053 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS WITH VALID SPEED, DIRECTION, AND STABILITY)

BALTIMORE GAS AND ELECTRIC COMPANY
CALVERT CLIFFS NUCLEAR SITE
STABILITY CLASS D (60-10 METER)
WINDS AT 10 METER LEVEL

REVISION 3

WIND FREQUENCY DISTRIBUTION

FREQUENCY IN NUMBER OF OCCURRENCES

7/01/84 TO 9/30/84

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 TOTAL	ROW TOTAL	MEAN SPEED
N	0	0	0	1	3	13	22	21	1	0	0	0	61	4.23
NNE	0	0	0	0	2	9	21	6	0	0	0	0	38	3.93
N	0	0	0	1	3	8	12	4	0	0	0	0	28	3.71
ENE	0	0	2	0	6	10	10	0	0	0	0	0	28	2.72
E	0	0	0	3	5	9	1	0	0	0	0	0	18	2.27
ESE	0	0	2	5	11	7	6	0	0	0	0	0	31	2.30
SE	0	0	0	6	1	7	6	0	0	0	0	0	20	2.64
SSE	0	0	0	2	6	8	13	5	1	0	0	0	35	3.54
S	0	0	0	2	1	2	20	7	4	0	0	0	36	4.47
SSW	0	0	0	1	1	18	30	21	23	0	0	0	94	5.22
SW	0	1	0	1	3	5	31	9	17	0	0	0	67	5.05
WSW	0	0	1	2	4	7	33	26	0	0	0	0	73	4.40
W	0	0	0	3	1	7	14	8	2	0	0	0	35	4.18
WNW	0	0	0	0	2	5	7	1	0	0	0	0	15	3.27
NW	0	0	1	2	3	12	7	4	1	0	0	0	30	3.29
NNW	0	0	0	1	2	7	20	20	1	0	0	0	51	4.58

TOTAL

660

NUMBER OF CALMS

0

NUMBER OF INVALID HOURS 155 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS LESS NUMBER OF VALID HOURS)

NUMBER OF VALID HOURS 2053 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS WITH VALID SPEED, DIRECTION, AND STABILITY)

BALTIMORE GAS AND ELECTRIC COMPANY
CALVERT CLIFFS NUCLEAR SITE
STABILITY CLASS D (60-10 METER)
WINDS AT 10 METER LEVEL

REVISION 3

WIND FREQUENCY DISTRIBUTION

FREQUENCY IN PERCENT OF TOTAL

7/01/84 TO 9/30/84

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 TOTAL	ROW TOTAL	MEAN SPEED
N	.00	.00	.00	.05	.15	.63	1.07	1.02	.05	.00	.00	.55	2.97	4.23
NNE	.00	.00	.00	.00	.10	.44	1.02	.29	.00	.00	.00	.00	1.85	3.93
NE	.00	.00	.00	.05	.15	.39	.58	.19	.00	.00	.00	.00	1.36	3.71
ENE	.00	.00	.10	.00	.29	.49	.49	.00	.00	.00	.00	.00	1.36	2.72
E	.00	.00	.00	.15	.24	.44	.05	.00	.00	.00	.00	.00	.88	2.27
ESE	.00	.00	.10	.24	.54	.34	.29	.00	.00	.00	.00	.00	1.51	2.30
SE	.00	.00	.00	.29	.05	.34	.29	.00	.00	.00	.00	.00	.97	2.64
SSE	.00	.00	.00	.10	.29	.39	.63	.24	.05	.00	.00	.00	1.70	3.54
S	.00	.00	.00	.10	.05	.10	.97	.34	.19	.00	.00	.00	1.75	4.47
SSW	.00	.00	.00	.05	.05	.88	1.46	1.02	1.12	.00	.00	.00	4.58	5.22
SW	.00	.05	.00	.05	.15	.24	1.51	.44	.83	.00	.00	.00	3.26	5.05
WSW	.00	.00	.05	.10	.19	.34	1.61	1.27	.00	.00	.00	.00	3.56	4.40
W	.00	.00	.00	.15	.05	.34	.68	.39	.10	.00	.00	.00	1.70	4.18
WNW	.00	.00	.00	.00	.10	.24	.34	.05	.00	.00	.00	.00	.73	3.27
NW	.00	.00	.05	.10	.15	.58	.34	.19	.05	.00	.00	.00	1.46	3.29
NNW	.00	.00	.00	.05	.10	.34	.97	.97	.05	.00	.00	.00	2.48	4.58
TOTAL	.00	.05	.29	1.46	2.63	6.53	12.32	6.43	2.44	.00	.00	.00	32.15	

NUMBER OF CALMS 0

NUMBER OF INVALID HOURS 155 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS LESS NUMBER OF VALID HOURS)

NUMBER OF VALID HOURS 2053 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS WITH VALID SPEED, DIRECTION, AND STABILITY)

BALTIMORE GAS AND ELECTRIC COMPANY
 CALVERT CLIFFS NUCLEAR SITE
 STABILITY CLASS E (60-10 METER)
 WINDS AT 10 METER LEVEL

REVISION 3

WIND FREQUENCY DISTRIBUTION
 FREQUENCY IN NUMBER OF OCCURRENCES
 7/01/84 TO 9/30/84
 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	1	0	1	9	10	3	0	0	0	0	24	3.73
NNE	0	0	0	0	5	3	4	7	0	0	0	0	19	3.97
NE	0	0	0	2	3	5	13	3	0	0	0	0	26	3.65
ENE	0	0	0	1	4	7	3	0	0	0	0	0	15	2.57
E	1	0	2	4	2	6	5	0	0	0	0	0	20	2.31
ESE	0	0	2	7	9	6	16	0	0	0	0	0	40	2.54
SE	0	0	1	5	4	15	12	0	0	0	0	0	37	2.73
SSE	0	0	1	2	2	18	13	5	0	0	0	0	41	3.26
S	0	0	1	6	4	12	32	4	1	0	0	0	60	3.45
SSW	0	1	2	4	5	22	65	11	3	0	0	0	113	3.79
SW	0	0	1	4	2	14	33	22	3	0	0	0	79	4.20
WSW	0	1	1	4	2	7	16	2	0	0	0	0	33	3.16
W	0	0	2	1	4	9	6	1	0	0	0	0	23	2.72
WNW	0	0	0	1	4	14	9	0	0	0	0	0	28	2.91
NW	0	0	0	0	1	6	3	4	0	0	0	0	14	3.77
NNW	0	0	0	0	0	6	5	5	1	0	0	0	17	4.18
TOTAL	1	2	14	41	52	159	245	67	8	0	0	0	589	

NUMBER OF CALMS 0

NUMBER OF INVALID HOURS 155 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS LESS NUMBER OF VALID HOURS)

NUMBER OF VALID HOURS 2053 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS WITH VALID SPEED, DIRECTION, AND STABILITY)

BALTIMORE GAS AND ELECTRIC COMPANY
CALVERT CLIFFS NUCLEAR SITE
STABILITY CLASS E (60-10 METER)
WINDS AT 10 METER LEVEL

REVISION 3

WIND FREQUENCY DISTRIBUTION

FREQUENCY IN PERCENT OF TOTAL

7/01/84 TO 9/30/84

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	.05	.00	.05	.44	.49	.15	.00	.00	.00	.00	1.17	3.73
NNE	.00	.00	.00	.00	.24	.15	.19	.34	.00	.00	.00	.00	.93	3.97
NE	.00	.00	.00	.10	.15	.24	.63	.15	.00	.00	.00	.00	1.27	3.65
ENE	.00	.00	.00	.05	.19	.34	.15	.00	.00	.00	.00	.00	.73	2.57
E	.05	.00	.10	.19	.10	.29	.24	.00	.00	.00	.00	.00	.97	2.31
ESE	.00	.00	.10	.34	.44	.29	.78	.00	.00	.00	.00	.00	1.95	2.54
SE	.00	.00	.05	.24	.19	.73	.58	.00	.00	.00	.00	.00	1.80	2.73
SSE	.00	.00	.05	.10	.10	.88	.63	.24	.00	.00	.00	.00	2.00	3.26
S	.00	.00	.05	.29	.19	.58	1.56	.19	.05	.00	.00	.00	2.92	3.45
SSW	.00	.05	.10	.19	.24	1.07	3.17	.54	.15	.00	.00	.00	5.50	3.79
SW	.00	.00	.05	.19	.10	.68	1.61	1.07	.15	.00	.00	.00	3.85	4.20
WSW	.00	.05	.05	.19	.10	.34	.78	.10	.00	.00	.00	.00	1.61	3.16
W	.00	.00	.10	.05	.19	.44	.29	.05	.00	.00	.00	.00	1.12	2.72
WNW	.00	.00	.00	.05	.19	.68	.44	.00	.00	.00	.00	.00	1.36	2.91
NW	.00	.00	.00	.00	.05	.29	.15	.19	.00	.00	.00	.00	.68	3.77
NNW	.00	.00	.00	.00	.00	.29	.24	.24	.05	.00	.00	.00	.83	4.18
TOTAL	.05	.10	.68	2.00	2.53	7.74	11.93	3.26	.39	.00	.00	.00	28.69	

NUMBER OF CALMS 0

NUMBER OF INVALID HOURS 155 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS LESS NUMBER OF VALID HOURS)

NUMBER OF VALID HOURS 2053 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS WITH VALID SPEED, DIRECTION, AND STABILITY)

BALTIMORE GAS AND ELECTRIC COMPANY
CALVERT CLIFFS NUCLEAR SITE
STABILITY CLASS F (60-10 METER)
WINDS AT 10 METER LEVEL

REVISION 3

WIND FREQUENCY DISTRIBUTION

FREQUENCY IN NUMBER OF OCCURRENCES

7/01/84 TO 9/30/84

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	0	0	1	1	0	0	0	0	3	3.77
NNE	0	0	0	0	0	0	1	1	0	0	0	0	2	4.85
NE	0	0	0	1	0	0	2	0	0	0	0	0	3	2.67
ENE	0	0	0	0	0	0	0	0	0	0	0	0	0	.00
E	0	1	0	0	0	0	1	0	0	0	0	0	2	2.30
ESE	0	0	0	1	1	2	2	0	0	0	0	0	6	2.80
SE	0	0	1	2	1	5	1	0	0	0	0	0	10	2.17
SSE	0	0	0	2	1	5	0	1	0	0	0	0	9	2.60
S	1	1	3	1	1	14	11	0	0	0	0	0	32	2.70
SSW	0	1	2	5	5	9	20	0	0	0	0	0	42	2.77
SW	0	0	3	3	1	12	22	0	0	0	0	0	41	3.22
WSW	0	1	0	5	6	12	9	0	0	0	0	0	33	2.61
W	0	0	0	2	10	5	1	1	0	0	0	0	19	2.42
WNW	0	0	0	0	2	7	1	2	0	0	0	0	12	3.12
NW	0	0	0	1	1	4	2	0	0	0	0	0	8	2.95
NNW	0	0	0	0	0	1	0	0	0	0	0	0	1	2.80

TOTAL 1 4 9 24 29 76 74 6 0 0 0 0 0 223

NUMBER OF CALMS 0

NUMBER OF INVALID HOURS 155 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS LESS NUMBER OF VALID HOURS)

NUMBER OF VALID HOURS 2053 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS WITH VALID SPEED, DIRECTION, AND STABILITY)

BALTIMORE GAS AND ELECTRIC COMPANY
 CALVERT CLIFFS NUCLEAR SITE
 STABILITY CLASS F (760-10 METER)
 WINDS AT 10 METER LEVEL

REVISION 3

WIND FREQUENCY DISTRIBUTION

FREQUENCY IN PERCENT OF TOTAL

7/01/84 TO 9/30/84

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 TOTAL	ROW TOTAL	MEAN SPEED
N	.00	.00	.00	.05	.00	.00	.05	.05	.00	.00	.00	.00	.15	3.77
NNE	.00	.00	.00	.00	.00	.00	.05	.05	.00	.00	.00	.00	.10	4.85
NE	.00	.00	.00	.05	.00	.00	.10	.00	.00	.00	.00	.00	.15	2.67
ENE	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
E	.00	.05	.00	.00	.00	.00	.05	.00	.00	.00	.00	.00	.10	2.30
ESE	.00	.00	.00	.05	.05	.10	.10	.00	.00	.00	.00	.00	.29	2.80
SE	.00	.00	.05	.10	.05	.24	.05	.00	.00	.00	.00	.00	.49	2.17
SSE	.00	.00	.00	.10	.05	.24	.00	.05	.00	.00	.00	.00	.44	2.60
S	.05	.05	.15	.05	.05	.68	.54	.00	.00	.00	.00	.00	1.56	2.70
SSW	.00	.05	.10	.24	.24	.44	.97	.00	.00	.00	.00	.00	2.05	2.77
SW	.00	.00	.15	.15	.05	.53	1.07	.00	.00	.00	.00	.00	2.00	3.22
WSW	.00	.05	.00	.24	.29	.58	.44	.00	.00	.00	.00	.00	1.61	2.61
W	.00	.00	.00	.10	.49	.24	.05	.05	.00	.00	.00	.00	.93	2.42
WNW	.00	.00	.00	.00	.10	.34	.05	.10	.00	.00	.00	.00	.58	3.12
NW	.00	.00	.00	.05	.05	.19	.10	.00	.00	.00	.00	.00	.39	2.95
NNW	.00	.00	.00	.00	.00	.05	.00	.00	.00	.00	.00	.00	.05	2.80

TOTAL .05 .19 .44 1.17 1.41 3.70 3.60 .29 .00 .00 .00 .00 10.86

NUMBER OF CALMS 0

NUMBER OF INVALID HOURS 155 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS LESS NUMBER OF VALID HOURS)

NUMBER OF VALID HOURS 2053 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS WITH VALID SPEED, DIRECTION, AND STABILITY)

BALTIMORE GAS AND ELECTRIC COMPANY
CALVERT CLIFFS NUCLEAR SITE
STABILITY CLASS G (60-10 METER)
WINDS AT 10 METER LEVEL

REVISION 3

WIND FREQUENCY DISTRIBUTION

FREQUENCY IN NUMBER OF OCCURRENCES

7/01/84 TO 9/30/84

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	0	0	0	0	0	0	0	0	0	0	.00
NNE	0	0	0	0	0	0	1	0	0	0	0	0	1	5.00
NE	0	0	0	0	0	0	0	0	0	0	0	0	0	.00
ENE	0	0	0	0	0	0	2	0	0	0	0	0	2	3.30
E	0	0	0	0	0	2	1	0	0	0	0	0	3	3.07
ESE	0	0	0	0	1	1	2	0	0	0	0	0	4	2.85
SE	0	0	0	0	1	1	0	0	0	0	0	0	2	2.45
SSE	0	0	4	0	0	5	0	0	0	0	0	0	9	1.96
S	0	2	5	3	2	6	3	0	0	0	0	0	21	1.92
SSW	0	0	3	3	0	18	9	0	0	0	0	0	33	2.61
SW	0	0	5	9	6	5	4	0	0	0	0	0	29	1.98
WSW	0	0	4	6	4	9	5	2	0	0	0	0	30	2.49
W	0	0	1	0	3	4	0	0	0	0	0	0	8	2.15
WNW	0	0	0	1	1	2	0	0	0	0	0	0	4	2.10
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	2	22	22	18	53	27	2	0	0	0	0	146	

NUMBER OF CALMS

0

NUMBER OF INVALID HOURS 155 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS LESS NUMBER OF VALID HOURS)

NUMBER OF VALID HOURS 2053 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS WITH VALID SPEED, DIRECTION, AND STABILITY)

BALTIMORE GAS AND ELECTRIC COMPANY
 CALVERT CLIFFS NUCLEAR SITE
 STABILITY CLASS 6 (60-10 METER)
 WINDS AT 10 METER LEVEL

REVISION 3

WIND FREQUENCY DISTRIBUTION

FREQUENCY IN PERCENT OF TOTAL

7/01/84 TO 9/30/84

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	.00	.00	.00	.00	.00	.00	.00	.00	.00
NNE	.00	.00	.00	.00	.00	.00	.05	.00	.00	.00	.00	.00	.05	5.00
NE	.00	.00	.00	.00	.00	.00	.00	.05	.00	.00	.00	.00	.00	.00
ENE	.00	.00	.00	.00	.00	.00	.10	.00	.00	.00	.00	.00	.10	3.30
E	.00	.00	.00	.00	.00	.10	.05	.00	.00	.00	.00	.00	.15	3.07
ESE	.00	.00	.00	.00	.05	.05	.10	.00	.00	.00	.00	.00	.19	2.85
SE	.00	.00	.00	.00	.05	.05	.00	.00	.00	.00	.00	.00	.10	2.45
SSE	.00	.00	.19	.00	.00	.24	.00	.00	.00	.00	.00	.00	.44	1.96
S	.00	.10	.24	.15	.10	.29	.15	.00	.00	.00	.00	.00	1.02	1.92
SSW	.00	.00	.15	.15	.00	.88	.44	.00	.00	.00	.00	.00	1.61	2.61
SW	.00	.00	.24	.44	.29	.24	.19	.00	.00	.00	.00	.00	1.41	1.98
WSW	.00	.00	.19	.29	.19	.44	.24	.10	.00	.00	.00	.00	1.46	2.49
W	.00	.00	.05	.00	.15	.19	.00	.00	.00	.00	.00	.00	.39	2.15
WNW	.00	.00	.00	.05	.05	.10	.00	.00	.00	.00	.00	.00	.19	2.10
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 .10 1.07 1.07 .88 2.58 1.32 .10 .00 .00 .00 .00 7.11

NUMBER OF CALMS 0

NUMBER OF INVALID HOURS 155 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS LESS NUMBER OF VALID HOURS)

NUMBER OF VALID HOURS 2053 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS WITH VALID SPEED, DIRECTION, AND STABILITY)

BALTIMORE GAS AND ELECTRIC COMPANY
 CALVERT CLIFFS NUCLEAR SITE
 PERIODS OF RELEASE ONLY
 STABILITY CLASS A (60-10 METER)
 WINDS AT 10 METER LEVEL

REVISION 3

WIND FREQUENCY DISTRIBUTION

FREQUENCY IN NUMBER OF OCCURRENCES

7/01/84 TO 9/30/84

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	0	0	0	14	3	0	0	0	0	17	4.32
NNE	0	0	0	0	0	0	4	1	0	0	0	0	5	4.68
NE	0	0	0	0	0	0	2	0	0	0	0	0	2	4.20
ENE	0	0	0	0	0	0	1	0	0	0	0	0	1	3.90
E	0	0	0	0	0	0	1	0	0	0	0	0	1	4.00
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	4	0	0	0	0	0	4	4.10
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	0	0	0	0	0	0	0	0	0	0	.00
NW	0	0	0	0	0	0	0	0	0	0	0	0	0	.00
NNW	0	0	0	0	0	1	2	0	0	0	0	0	3	3.43
TOTAL	0	0	0	0	0	1	28	4	0	0	0	0	33	
NUMBER OF CALMS	0													

NUMBER OF INVALID HOURS 155 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS LESS NUMBER OF VALID HOURS)

NUMBER OF VALID HOURS 2033 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS WITH VALID SPEED, DIRECTION, AND STABILITY)

BALTIMORE GAS AND ELECTRIC COMPANY
 CALVERT CLIFFS NUCLEAR SITE
 PERIODS OF RELEASE ONLY
 STABILITY CLASS A (60-10 METER)
 WINDS AT 10 METER LEVEL

REVISION 3

WIND FREQUENCY DISTRIBUTION

FREQUENCY IN PERCENT OF TOTAL

7/01/84 TO 9/30/84

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	.00	.68	.15	.00	.00	.00	.00	.83	4.32
NNE	.00	.00	.00	.00	.00	.00	.19	.05	.00	.00	.00	.00	.24	4.68
NE	.00	.00	.00	.00	.00	.00	.10	.00	.00	.00	.00	.00	.10	4.20
ENE	.00	.00	.00	.00	.00	.00	.05	.00	.00	.00	.00	.00	.05	3.90
E	.00	.00	.00	.00	.00	.00	.05	.00	.00	.00	.00	.00	.05	4.00
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	.19	.00	.00	.00	.00	.00	.19	4.10
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	.00	.00	.00	.00	.00	.00	.00	.00
NW	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
NNW	.00	.00	.00	.00	.00	.05	.10	.00	.00	.00	.00	.00	.15	3.43
TOTAL	.00	.00	.00	.00	.00	.05	1.36	.19	.00	.00	.00	.00	1.61	

NUMBER OF CALMS 0

NUMBER OF INVALID HOURS 155 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS LESS NUMBER OF VALID HOURS)

NUMBER OF VALID HOURS 2053 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS WITH VALID SPEED, DIRECTION, AND STABILITY)

BALTIMORE GAS AND ELECTRIC COMPANY
 CALVERT CLIFFS NUCLEAR SITE
 PERIODS OF RELEASE ONLY
 STABILITY CLASS B (60-10 METER)
 WINDS AT 10 METER LEVEL

REVISION 3

WIND FREQUENCY DISTRIBUTION

FREQUENCY IN NUMBER OF OCCURRENCES

7/01/84 TO 9/30/84

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	0	0	2	3	1	0	0	0	0	6	4.22
NNE	0	0	0	0	0	0	4	0	0	0	0	0	4	4.77
NE	0	0	0	0	0	0	2	0	0	0	0	0	2	4.50
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	1	0	0	0	0	0	1	3.80
SSE	0	0	0	0	0	0	0	0	0	0	0	0	0	.00
S	0	0	0	0	0	0	1	0	0	0	0	0	1	3.90
SSW	0	0	0	0	0	0	2	0	0	0	0	0	2	4.85
SW	0	0	0	0	0	1	3	0	0	0	0	0	4	3.40
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	3.40
WNW	0	0	0	0	0	1	0	0	0	0	0	0	1	2.80
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	0	0	4	18	2	0	0	0	0	23	

NUMBER OF CALMS 0

NUMBER OF INVALID HOURS 155 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS LESS NUMBER OF VALID HOURS)

NUMBER OF VALID HOURS 2053 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS WITH VALID SPEED, DIRECTION, AND STABILITY)

BALTIMORE GAS AND ELECTRIC COMPANY
 CALVERT CLIFFS NUCLEAR SITE
 PERIODS OF RELEASE ONLY
 STABILITY CLASS B (60-10 METER)
 WINDS AT 10 METER LEVEL

REVISION 3

WIND FREQUENCY DISTRIBUTION

FREQUENCY IN PERCENT OF TOTAL

7/01/84 TO 9/30/84

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	.10	.15	.05	.00	.00	.00	.00	.29	4.22
NNE	.00	.00	.00	.00	.00	.00	.19	.00	.00	.00	.00	.00	.19	4.77
NE	.00	.00	.00	.00	.00	.00	.10	.00	.00	.00	.00	.00	.10	4.50
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	.05	.00	.00	.00	.00	.00	.05	3.80
SSE	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
S	.00	.00	.00	.00	.00	.00	.05	.00	.00	.00	.00	.00	.05	3.90
SSW	.00	.00	.00	.00	.00	.00	.10	.00	.00	.00	.00	.00	.10	4.85
SW	.00	.00	.00	.00	.00	.05	.15	.00	.00	.00	.00	.00	.19	3.40
WSW	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
W	.00	.00	.00	.00	.00	.00	.10	.00	.00	.00	.00	.00	.10	3.40
WNW	.00	.00	.00	.00	.00	.05	.00	.00	.00	.00	.00	.00	.05	2.80
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 .19 .88 .05 .00 .00 .00 .00 .00 1.12

NUMBER OF CALMS 0

NUMBER OF INVALID HOURS 155 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS LESS NUMBER OF VALID HOURS)

NUMBER OF ALID HOURS 2053 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS WITH VALID SPEED, DIRECTION, AND STABILITY)

BALTIMORE GAS AND ELECTRIC COMPANY
 CALVERT CLIFFS NUCLEAR SITE
 PERIODS OF RELEASE ONLY
 STABILITY CLASS C (60-10 METER)
 WINDS AT 10 METER LEVEL

REVISION 3

WIND FREQUENCY DISTRIBUTION

FREQUENCY IN NUMBER OF OCCURRENCES

7/01/84 TO 9/30/84

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 TOTAL	ROW TOTAL	MEAN SPEED
N	0	0	0	0	1	3	2	5	0	0	0	0	11	4.50
NNE	0	0	0	1	0	0	1	0	0	0	0	0	2	2.75
NE	0	0	0	0	1	0	0	0	0	0	0	0	1	1.90
ENE	0	0	0	0	2	0	0	0	0	0	0	0	2	1.95
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	1	0	0	0	0	0	0	1	3.00
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	1	2	1	0	0	0	4	6.05
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	0	0	0	0	0	0	0	0	0	0	.00
NW	0	0	0	0	0	0	0	0	0	0	0	0	0	.00
NNW	0	0	0	0	0	0	1	0	0	0	0	0	1	4.10

TOTAL

0 0 0 1 4 4 5 7 1 0 0 0 22

NUMBER OF CALMS

0

NUMBER OF INVALID HOURS 155 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS LESS NUMBER OF VALID HOURS)

NUMBER OF VALID HOURS 2053 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS WITH VALID SPEED, DIRECTION, AND STABILITY)

RALTIMORE GAS AND ELECTRIC COMPANY
 CALVERT CLIFFS NUCLEAR SITE
 PERIODS OF RELEASE ONLY
 STABILITY CLASS C (60-10 METER)
 WINDS AT 10 METER LEVEL

REVISION 3

WIND FREQUENCY DISTRIBUTION

FREQUENCY IN PERCENT OF TOTAL

7/01/84 TO 9/30/84

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	.15	.10	.24	.00	.00	.00	.00	.54	4.50
NNE	.00	.00	.00	.05	.00	.00	.05	.00	.00	.00	.00	.00	.10	2.75
NE	.00	.00	.00	.00	.05	.00	.00	.00	.00	.00	.00	.00	.05	1.90
ENE	.00	.00	.00	.00	.10	.00	.00	.00	.00	.00	.00	.00	.10	1.95
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	.05	.00	.00	.00	.00	.00	.00	.05	3.00
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	.05	.10	.05	.00	.00	.00	.19	6.05
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	.00	.00	.00	.00	.00	.00	.00	.00
NW	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
NNW	.00	.00	.00	.00	.00	.00	.05	.00	.00	.00	.00	.00	.05	4.10
TOTAL	.00	.00	.00	.05	.19	.19	.24	.34	.05	.00	.00	.00	1.07	

NUMBER OF CALMS 0

NUMBER OF INVALID HOURS 155 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS LESS NUMBER OF VALID HOURS)

NUMBER OF VALID HOURS 2053 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS WITH VALID SPEED, DIRECTION, AND STABILITY)

BALTIMORE GAS AND ELECTRIC COMPANY
CALVERT CLIFFS NUCLEAR SITE
PERIODS OF RELEASE ONLY
STABILITY CLASS D (60-10 METER)
WINDS AT 10 METER LEVEL

REVISION 3

WIND FREQUENCY DISTRIBUTION

FREQUENCY IN NUMBER OF OCCURRENCES

7/01/84 TO 9/30/84

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	0	1	0	2	4	0	0	0	0	7	5.01
NNE	0	0	0	0	0	2	1	0	0	0	0	0	3	2.77
NE	0	0	0	0	1	0	0	0	0	0	0	0	1	1.70
ENE	0	0	0	0	0	1	0	0	0	0	0	0	1	2.50
E	0	0	0	1	1	3	0	0	0	0	0	0	5	2.26
ESE	0	0	0	1	5	3	0	0	0	0	0	0	9	1.99
SE	0	0	0	1	0	1	0	0	0	0	0	0	2	2.05
SSE	0	0	0	0	1	4	1	1	0	0	0	0	7	3.27
S	0	0	0	0	0	0	10	2	0	0	0	0	12	4.21
SSW	0	0	0	0	0	3	11	9	3	0	0	0	26	4.96
SW	0	0	0	0	1	0	8	2	1	0	0	0	12	4.39
WSW	0	0	0	0	1	1	6	5	0	0	0	0	13	4.38
W	0	0	0	0	1	1	3	1	1	0	0	0	7	4.24
WNW	0	0	0	0	1	1	2	0	0	0	0	0	4	3.17
NW	0	0	0	1	0	0	0	2	0	0	0	0	3	4.40
NNW	0	0	0	0	1	0	2	4	1	0	0	0	8	5.21
TOTAL	0	0	0	4	14	20	46	30	6	0	0	0	120	

NUMBER OF CALMS 0

NUMBER OF INVALID HOURS 155 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS LESS NUMBER OF VALID HOURS)

NUMBER OF VALID HOURS 2053 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS WITH VALID SPEED, DIRECTION, AND STABILITY)

BALTIMORE GAS AND ELECTRIC COMPANY
 CALVERT CLIFFS NUCLEAR SITE
 PERIODS OF RELEASE ONLY
 STABILITY CLASS D (60-10 METER)
 WINDS AT 10 METER LEVEL

REVISION 3

WIND FREQUENCY DISTRIBUTION

FREQUENCY IN PERCENT OF TOTAL

7/01/84 TO 9/30/84

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	.00	.10	.19	.00	.00	.00	.00	.34	5.01
NNE	.00	.00	.00	.00	.00	.10	.05	.00	.00	.00	.00	.00	.15	2.77
NE	.00	.00	.00	.00	.05	.00	.00	.00	.00	.00	.00	.00	.05	1.70
ENE	.00	.00	.00	.00	.00	.05	.00	.00	.00	.00	.00	.00	.05	2.50
E	.00	.00	.00	.05	.05	.15	.00	.00	.00	.00	.00	.00	.24	2.26
ESE	.00	.00	.00	.05	.24	.15	.00	.00	.00	.00	.00	.00	.44	1.99
SE	.00	.00	.00	.05	.00	.05	.00	.00	.00	.00	.00	.00	.10	2.05
SSE	.00	.00	.00	.00	.05	.19	.05	.05	.00	.00	.00	.00	.34	3.27
S	.00	.00	.00	.00	.00	.00	.49	.10	.00	.00	.00	.00	.58	4.21
SSW	.00	.00	.00	.00	.00	.15	.54	.44	.15	.00	.00	.00	1.27	4.96
SW	.00	.00	.00	.00	.05	.00	.39	.10	.05	.00	.00	.00	.58	4.39
WSW	.00	.00	.00	.00	.05	.05	.29	.24	.00	.00	.00	.00	.63	4.38
W	.00	.00	.00	.00	.05	.05	.15	.05	.05	.00	.00	.00	.34	4.24
WNW	.00	.00	.00	.00	.05	.05	.10	.00	.00	.00	.00	.00	.19	3.17
NW	.00	.00	.00	.05	.00	.00	.00	.10	.00	.00	.00	.00	.15	4.40
NNW	.00	.00	.00	.00	.05	.00	.10	.19	.05	.00	.00	.00	.39	5.21

TOTAL .00 .00 .00 .19 .68 .97 2.24 1.46 .29 .00 .00 .00 .00 5.85

NUMBER OF CALMS 0

NUMBER OF INVALID HOURS 155 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS LESS NUMBER OF VALID HOURS)

NUMBER OF VALID HOURS 2053 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS WITH VALID SPEED, DIRECTION, AND STABILITY)

BALTIMORE GAS AND ELECTRIC COMPANY
 CALVERT CLIFFS NUCLEAR SITE
 PERIODS OF RELEASE ONLY
 STABILITY CLASS E (60-10 METER)
 WINDS AT 10 METER LEVEL

REVISION 3

WIND FREQUENCY DISTRIBUTION

FREQUENCY IN NUMBER OF OCCURRENCES

7/01/84 TO 9/30/84

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	0	0	0	1	0	0	0	0	0	1	4.30
NNE	0	0	0	0	0	1	0	0	0	0	0	0	1	2.40
NE	0	0	0	1	0	0	0	0	0	0	0	0	1	1.40
ENE	0	0	0	1	2	0	2	0	0	0	0	0	5	2.54
E	1	0	0	2	0	1	2	0	0	0	0	0	6	2.15
ESE	0	0	0	2	5	2	1	0	0	0	0	0	10	2.04
SE	0	0	0	0	0	1	3	0	0	0	0	0	4	4.20
SSE	0	0	0	0	0	6	4	4	0	0	0	0	14	3.99
S	0	0	0	1	1	1	8	0	0	0	0	0	11	3.26
SSW	0	1	1	0	0	1	13	3	0	0	0	0	19	3.99
SW	0	0	1	0	0	8	9	4	1	0	0	0	23	4.00
WSW	0	1	0	0	0	1	3	0	0	0	0	0	5	3.16
W	0	0	0	1	0	1	1	0	0	0	0	0	3	2.53
WNW	0	0	0	0	0	1	2	0	0	0	0	0	3	3.43
NW	0	0	0	0	0	1	0	0	0	0	0	0	1	3.00
NNW	0	0	0	0	0	0	2	0	0	0	0	0	2	3.75

TOTAL 1 2 2 8 8 25 51 11 1 0 0 0 0 109

NUMBER OF CALMS 0

NUMBER OF INVALID HOURS 155 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS LESS NUMBER OF VALID HOURS)

NUMBER OF VALID HOURS 2053 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS WITH VALID SPEED, DIRECTION, AND STABILITY)

BALTIMORE GAS AND ELECTRIC COMPANY
 CALVERT CLIFFS NUCLEAR SITE
 PERIODS OF RELEASE ONLY
 STABILITY CLASS E (60-10 METER)
 WINDS AT 10 METER LEVEL

REVISION 3

WIND FREQUENCY DISTRIBUTION

FREQUENCY IN PERCENT OF TOTAL

7/01/84 TO 9/30/84

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	.00	.05	.00	.00	.00	.00	.00	.05	4.30
NNE	.00	.00	.00	.00	.00	.05	.00	.00	.00	.00	.00	.00	.05	2.40
NE	.00	.00	.00	.05	.00	.00	.00	.00	.00	.00	.00	.00	.05	1.40
ENE	.00	.00	.00	.05	.10	.00	.10	.00	.00	.00	.00	.00	.24	2.54
E	.05	.00	.00	.10	.00	.05	.10	.00	.00	.00	.00	.00	.29	2.15
ESE	.00	.00	.00	.10	.24	.10	.05	.00	.00	.00	.00	.00	.49	2.04
SE	.00	.00	.00	.00	.00	.05	.15	.00	.00	.00	.00	.00	.19	4.20
SSE	.00	.00	.00	.00	.00	.29	.19	.19	.00	.00	.00	.00	.68	3.99
S	.00	.00	.00	.05	.05	.05	.39	.00	.00	.00	.00	.00	.54	3.26
SSW	.00	.05	.05	.00	.00	.05	.63	.15	.00	.00	.00	.00	.93	3.99
SW	.00	.00	.05	.00	.00	.39	.44	.19	.05	.00	.00	.00	1.12	4.00
WSW	.00	.05	.00	.00	.00	.05	.15	.00	.00	.00	.00	.00	.24	3.16
W	.00	.00	.00	.05	.00	.05	.05	.00	.00	.00	.00	.00	.15	2.53
WNW	.00	.00	.00	.00	.00	.05	.10	.00	.00	.00	.00	.00	.15	3.43
NW	.00	.00	.00	.00	.00	.05	.00	.00	.00	.00	.00	.00	.05	3.00
NNW	.00	.00	.00	.00	.00	.00	.10	.00	.00	.00	.00	.00	.10	3.75
TOTAL	.05	.10	.10	.39	.39	1.22	2.48	.54	.05	.00	.00	.00	5.31	

NUMBER OF CALMS 0

NUMBER OF INVALID HOURS 155 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS LESS NUMBER OF VALID HOURS)

NUMBER OF VALID HOURS 2053 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS WITH VALID SPEED, DIRECTION, AND STABILITY)

BALTIMORE GAS AND ELECTRIC COMPANY
CALVERT CLIFFS NUCLEAR SITE
PERIODS OF RELEASE ONLY
STABILITY CLASS F (60-10 METER)
WINDS AT 10 METER LEVEL

REVISION 3

WIND FREQUENCY DISTRIBUTION

FREQUENCY IN NUMBER OF OCCURRENCES

7/01/84 TO 9/30/84

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	0	0	0	0	0	0	0	0	0	0	.00
NNE	0	0	0	0	0	0	0	0	0	0	0	0	0	.00
NE	0	0	0	0	0	0	1	0	0	0	0	0	1	3.30
ENE	0	0	0	0	0	0	0	0	0	0	0	0	0	.00
E	0	0	0	0	0	0	1	0	0	0	0	0	1	3.90
ESE	0	0	0	0	0	0	1	0	0	0	0	0	1	4.20
SE	0	0	1	2	0	0	0	0	0	0	0	0	3	1.20
SSE	0	0	0	0	0	0	0	1	0	0	0	0	1	5.80
S	0	0	0	0	0	1	5	0	0	0	0	0	6	3.35
SSW	0	0	0	0	0	3	5	0	0	0	0	0	8	3.24
SW	0	0	1	0	0	3	5	0	0	0	0	0	9	3.41
WSW	0	0	0	3	2	5	6	0	0	0	0	0	16	2.77
W	0	0	0	0	3	0	1	0	0	0	0	0	4	2.32
WNW	0	0	0	0	0	1	0	1	0	0	0	0	2	4.25
NW	0	0	0	0	1	1	0	0	0	0	0	0	2	2.20
NNW	0	0	0	0	0	0	0	0	0	0	0	0	0	.00
TOTAL	0	0	2	5	6	14	25	2	0	0	0	0	54	

NUMBER OF CALMS 0

NUMBER OF INVALID HOURS 155 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS LESS NUMBER OF VALID HOURS)

NUMBER OF VALID HOURS 2053 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS WITH VALID SPEED, DIRECTION, AND STABILITY)

BALTIMORE GAS AND ELECTRIC COMPANY
CALVERT CLIFFS NUCLEAR SITE
PERIODS OF RELEASE ONLY
STABILITY CLASS F (60-10 METER)
WINDS AT 10 METER LEVEL

REVISION 3

WIND FREQUENCY DISTRIBUTION

FREQUENCY IN PERCENT OF TOTAL

7/01/84 TO 9/30/84

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 >18.0	ROW TOTAL	MEAN SPEED
N	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
NNE	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
NE	.00	.00	.00	.00	.00	.00	.05	.00	.00	.00	.00	.00	.05	3.30
ENE	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
E	.00	.00	.00	.00	.00	.00	.05	.00	.00	.00	.00	.00	.05	3.90
ESE	.00	.00	.00	.00	.00	.00	.05	.00	.00	.00	.00	.00	.05	4.20
SE	.00	.00	.05	.10	.00	.00	.00	.00	.00	.00	.00	.00	.15	1.20
SSE	.00	.00	.00	.00	.00	.00	.00	.05	.00	.00	.00	.00	.05	5.80
S	.00	.00	.00	.00	.00	.05	.24	.00	.00	.00	.00	.00	.29	3.35
SSW	.00	.00	.00	.00	.00	.15	.24	.00	.00	.00	.00	.00	.39	3.24
SW	.00	.00	.05	.00	.00	.15	.24	.00	.00	.00	.00	.00	.44	3.41
WSW	.00	.00	.00	.15	.10	.24	.29	.00	.00	.00	.00	.00	.78	2.77
W	.00	.00	.00	.00	.15	.00	.05	.00	.00	.00	.00	.00	.19	2.32
WNW	.00	.00	.00	.00	.00	.05	.00	.05	.00	.00	.00	.00	.10	4.25
NW	.00	.00	.00	.00	.05	.05	.00	.00	.00	.00	.00	.00	.10	2.20
NNW	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
TOTAL	.00	.00	.10	.24	.29	.68	1.22	.10	.00	.00	.00	.00	2.63	

NUMBER OF CALMS 0

NUMBER OF INVALID HOURS 155 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS LESS NUMBER OF VALID HOURS)

NUMBER OF VALID HOURS 2053 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS WITH VALID SPEED, DIRECTION, AND STABILITY)

BALTIMORE GAS AND ELECTRIC COMPANY
CALVERT CLIFFS NUCLEAR SITE
PERIODS OF RELEASE ONLY
STABILITY CLASS G (60-10 METER)
WINDS AT 10 METER LEVEL

REVISION 3

WIND FREQUENCY DISTRIBUTION

FREQUENCY IN NUMBER OF OCCURRENCES

7/01/84 TO 9/30/84

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	0	0	0	0	0	0	0	0	0	0	.00
NNE	0	0	0	0	0	0	0	0	0	0	0	0	0	.00
NE	0	0	0	0	0	0	0	0	0	0	0	0	0	.00
ENE	0	0	0	0	0	0	2	0	0	0	0	0	2	3.30
E	0	0	0	0	0	1	0	0	0	0	0	0	1	3.00
ESE	0	0	0	0	1	0	0	0	0	0	0	0	1	2.10
SE	0	0	0	0	0	0	0	0	0	0	0	0	0	.00
SSE	0	0	2	0	0	0	0	0	0	0	0	0	2	1.00
S	0	0	0	1	0	0	1	0	0	0	0	0	2	2.55
SSW	0	0	0	0	0	5	2	0	0	0	0	0	7	3.04
SW	0	0	2	2	1	3	2	0	0	0	0	0	10	2.13
WSW	0	0	0	1	2	2	5	0	0	0	0	0	10	3.07
W	0	0	0	0	1	0	0	0	0	0	0	0	1	2.00
WNW	0	0	0	0	0	0	0	0	0	0	0	0	0	.00
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 4 4 5 11 12 0 0 0 0 0 0 36

NUMBER OF CALMS 0

NUMBER OF INVALID HOURS 155 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS LESS NUMBER OF VALID HOURS)

NUMBER OF VALID HOURS 2053 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS WITH VALID SPEED, DIRECTION, AND STABILITY)

RECEIVED-REGION 1
1985 MAR -4 PM 3:41

BALTIMORE GAS AND ELECTRIC COMPANY
CALVERT CLIFFS NUCLEAR SITE
PERIODS OF RELEASE ONLY
STABILITY CLASS G (60-10 METER)
WINDS AT 10 METER LEVEL

REVISION 3

WIND FREQUENCY DISTRIBUTION

FREQUENCY IN PERCENT OF TOTAL

7/01/84 TO 9/30/84

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	.00	.00	.00	.00	.00	.00	.00	.00	.00
NNE	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
NE	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ENE	.00	.00	.00	.00	.00	.00	.10	.00	.00	.00	.00	.00	.10	3.30
E	.00	.00	.00	.00	.00	.05	.00	.00	.00	.00	.00	.00	.05	3.00
ESE	.00	.00	.00	.00	.05	.00	.00	.00	.00	.00	.00	.00	.05	2.10
SE	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
SSE	.00	.00	.10	.00	.00	.00	.00	.00	.00	.00	.00	.00	.10	1.00
S	.00	.00	.00	.05	.00	.00	.05	.00	.00	.00	.00	.00	.10	2.55
SSW	.00	.00	.00	.00	.00	.24	.10	.00	.00	.00	.00	.00	.34	3.04
SW	.00	.00	.10	.10	.05	.15	.10	.00	.00	.00	.00	.00	.49	2.13
WSW	.00	.00	.00	.05	.10	.10	.24	.00	.00	.00	.00	.00	.49	3.07
W	.00	.00	.00	.00	.05	.00	.00	.00	.00	.00	.00	.00	.05	2.00
WNW	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
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

1.75

0

NUMBER OF CALMS

NUMBER OF INVALID HOURS 155 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS LESS NUMBER OF VALID HOURS)

NUMBER OF VALID HOURS 2053 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS WITH VALID SPEED, DIRECTION, AND STABILITY)