

A001

REGULATORY INFORMATION DISTRIBUTION SYSTEM

DOCKET NBR: 050-250 /251
 RECIPIENT: Schwencer, A. NOROSRI
 ORIGINATOR: Uhrig, R.E. EUTFPL

DOC DATE: 781005
 ACCESSION NBR: 7810110159
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SUBJECT:

Responds to 780802 NRC ltr re meteorological data. Forwards info tables
re wind frequency.

DISTRIBUTION CODE: A001

DISTRIBUTION TITLE:

GENERAL DISTRIBUTION FOR AFTER ISSUANCE OF OPERATING LICENSE.

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J MCGOUGH	W/ENCL
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FOR ACTION

D. EisenhutORB#1 BCM. GrotenhuisORB#1 LA

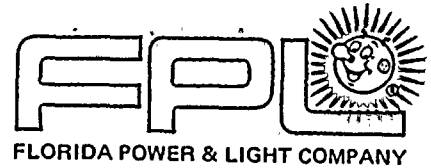
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October 5, 1978
L-78-327

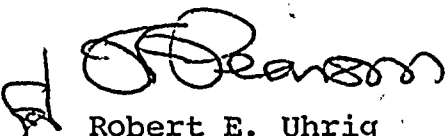
Office of Nuclear Reactor Regulation
Attention: Mr. A. Schwencer, Chief
Operating Reactors Branch #1
Division of Operating Reactors
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Dear Mr. Schwencer:

Re: Turkey Point Plant Units 3 & 4
Docket Nos. 50-250, 50-251
Meteorological Data

Enclosed please find a summary of the meteorological data you requested in your letter of August 2, 1978. It provides data obtained from the meteorological installation at the South Dade site during 1976-1977. Should you have any questions about this information, please contact us.

Very truly yours,


Robert E. Uhrig
Vice President
Advanced Systems & Technology

REU/GWL/dep

cc: Robert Lowenstein, Esquire
J. P. O'Reilly, Region II

JOINT WIND FREQUENCY DISTRIBUTION BY STABILITY CLASS
DATA PERIOD: BIENNIAL 1976 - 1977

STABILITY CLASS: PASQUILL B
DATA SOURCE: SOUTH DADE TOWER
WIND SENSOR HEIGHT: 11.62 METERS
TABLE GENERATED: 09/25/78. 17.47.09.

TURKEY POINT
DADE COUNTY, FLORIDA
FLORIDA POWER AND LIGHT CO.
DAMES AND MOORE JOB NO: 4598 - 109 - 27

WIND SECTOR	0.0-1.5	1.5-3.0	3.0-5.0	5.0-7.5	7.5-10.0	>10.0	TOTAL	MEAN SPEED
NNE	0.00	.21	1.05	.95	0.00	0.00	2.21	4.84
NE	0.00	.01	.06	.06	0.00	0.00	.13	4.22
ENE	0.00	.21	.30	.18	.32	0.00	.72	4.99
E	0.00	.13	.19	.11	.02	0.00	.46	5.10
ESE	0.00	.53	3.78	5.36	0.00	0.00	9.66	4.58
SE	0.00	.03	.23	.32	0.00	0.00	.58	4.15
SSE	0.00	.95	7.88	8.51	.42	0.00	17.75	3.89
S	0.00	.06	.47	.51	.03	0.00	1.07	3.98
SSW	0.00	.11	.94	.46	.21	0.00	1.53	4.96
SW	0.00	1.16	9.87	4.83	.21	0.00	16.07	4.65
WSW	0.00	.07	.59	.29	.01	0.00	.97	3.80
W	0.00	.15	.77	.25	.00	0.00	1.20	3.27
WNW	0.00	1.58	8.09	2.63	0.00	0.00	12.61	3.11
NNW	0.00	.02	.49	.16	0.00	0.00	.76	4.23
N	0.00	.11	.35	1.05	0.00	0.00	1.53	4.71
CALM	0.00	.08	.22	.06	0.00	0.00	.37	4.46
TOTAL	0.00	.84	2.42	.74	0.00	0.00	4.10	
	0.00	.05	.15	.10	0.00	0.00	.25	
	0.00	.11	1.47	1.05	.21	0.00	2.84	
	0.00	.01	.09	.05	.01	0.00	.17	
	0.00	.53	.63	.53	.21	0.00	1.89	
	0.00	.03	.04	.03	.01	0.00	.11	
	0.00	.74	.84	.32	0.00	0.00	1.89	
	0.00	.04	.05	.02	0.00	0.00	.11	
	0.00	1.58	.74	.42	0.00	0.00	2.73	
	0.00	.09	.04	.03	0.00	0.00	.16	
	.11	1.05	1.26	.11	0.00	0.00	2.52	
	.01	.06	.08	.01	0.00	0.00	.15	
	.21	.84	.63	.21	0.00	0.00	1.89	
	.01	.05	.04	.01	0.00	0.00	.11	
	.11	1.16	2.52	1.68	.11	0.00	5.57	
	.01	.07	.15	.10	.01	0.00	.34	
	0.00	.53	2.10	1.89	0.00	0.00	4.52	
	0.00	.03	.13	.11	0.00	0.00	.27	
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	.95	15.34	50.11	32.14	1.47	0.00	100.00	
	.06	.92	3.02	1.94	.09	0.00	6.02	

KEY XXX NUMBER OF OCCURRENCES
XXX PERCENT OCCURRENCES THIS CLASS
XXX PERCENT OCCURRENCES ALL CLASSES

JOINT WIND FREQUENCY DISTRIBUTION BY STABILITY CLASS
DATA PERIOD: BIENNIAL 1976 - 1977

STABILITY CLASS: PASQUILL A
DATA SOURCE: SOUTH DADE TOWER
WIND SENSOR HEIGHT: 11.62 METERS
TABLE GENERATED: 09/25/78. 17.47.09.

TURKEY POINT
DADE COUNTY, FLORIDA
FLORIDA POWER AND LIGHT CO.
DAMES AND MOORE JOB NO: 4598 - 109 - 27

WIND SECTOR	WIND SPEED CATEGORIES (METERS PER SECOND)	TOTAL	MEAN SPEED
	0.0-1.5 1.5-3.0 3.0-5.0 5.0-7.5 7.5-10.0 >10.0		
NNE	0 2 17 29 3 0	51	5.48
	0.00 .07 .56 .96 .10 0.00	1.69	
NE	0 .01 .11 .18 .02 0	3.32	5.21
	0.00 .01 .09 .12 .01 0.00	2.45	
ENE	0 .36 3.15 4.24 .36 0	8.11	5.46
	0.00 .07 .60 .81 .07 0.00	1.55	
E	0 .8 2.25 4.13 .30 0	7.21	5.55
	0.00 .26 .43 .84 .06 0.00	1.33	
ESE	0 .12 .40 3.11 7.02 .18 0	12.26	4.93
	.03 .08 .73 1.34 .18 0.00	2.34	
SE	0 .17 10.30 8.15 .60 0	19.61	4.72
	0.00 .56 .30 1.56 .11 0.00	3.74	
SSE	0 .33 7.95 5.37 .10 0	14.54	4.32
	.03 1.09 1.52 1.02 .02 0.00	2.78	
S	0 .43 6.16 2.55 .23 0	10.47	4.49
	.10 .27 1.18 .49 .04 0.00	2.00	
SSW	0 .14 4.14 1.62 .07 0	6.33	5.37
	.03 .46 .79 .31 .01 0.00	1.21	
SW	0 .11 .52 .58 .13 0	1.36	5.32
	.03 .36 1.72 1.92 .43 .03	4.50	
WSW	0 .07 .28 .53 .08 .01	1.86	5.09
	.01 .12 .93 .35 .04 .01	3.44	
W	0 .2 1.1 .8 3 0	.66	4.80
	0.00 .07 .36 .05 .10 0.00	.79	
WNW	0 .01 .19 .11 .02 0	.45	3.39
	0.00 .01 .19 .05 .02 0.00	.28	
NW	0 .30 .63 .36 .20 0	1.49	4.27
	0.00 .06 .12 .07 .04 0.00	.27	
NNW	0 .40 .43 .07 0 0	.89	5.12
	0.00 .08 .08 .01 0.00 0.00	.17	
N	0 .11 .27 .10 .3 0	.51	5.12
	0.00 .08 .27 .10 .3 0	.19	
NNW	0 .36 .89 .33 .10 0	1.69	5.12
	0.00 .07 .17 .06 .02 0.00	.32	
N	0 .11 .40 .85 .10 0	1.40	5.12
	.03 .36 1.32 2.82 .10 0.00	4.64	
CALM	0 .07 .30 .38 0 0	.70	CALM
	0.00 .07 .30 .38 0 0	2.32	
TOTAL	0 .01 .19 .24 116 2	3019	4.97
	.30 6.96 45.64 43.19 3.84 .07	100.00	
	.06 1.33 8.71 8.25 .73 .01	19.09	

KEY XXX NUMBER OF OCCURRENCES
XXX PERCENT OCCURRENCES THIS CLASS
XXX PERCENT OCCURRENCES ALL CLASSES

JOINT WIND FREQUENCY DISTRIBUTION BY STABILITY CLASS
DATA PERIOD: BIENNIAL 1976 - 1977

STABILITY CLASS: PASQUILL C
DATA SOURCE: SOUTH DADE TOWER
WIND SENSOR HEIGHT: 11.62 METERS
TABLE GENERATED: 09/25/78. 17.47.09.

TURKEY POINT
DADE COUNTY, FLORIDA
FLORIDA POWER AND LIGHT CO.
DAMES AND MOORE JOB NO: 4598 - 109 - 27

WIND SECTOR	0.0-1.5	1.5-3.0	3.0-5.0	5.0-7.5	7.5-10.0	>10.0	TOTAL	MEAN SPEED
NNE	0.00	1.21	1.88	.40	0.00	0.00	3.49	3.60
NE	0.00	.06	.09	.02	0.00	0.00	.17	3.92
ENE	0.00	2.02	4.57	1.21	.13	0.00	7.93	4.90
E	0.00	.09	.22	.05	.01	0.00	.37	4.65
ESE	0.00	2.15	3.90	6.05	.27	0.00	12.37	4.25
SE	0.00	.10	.18	.28	.01	0.00	.58	4.15
SSE	0.00	.14	.62	.40	.01	0.00	1.17	3.98
S	0.00	1.88	8.33	5.38	.13	0.00	15.73	4.27
SSW	0.00	.09	.39	.25	.01	0.00	.74	4.04
SW	.13	1.88	8.87	3.36	0.00	0.00	14.25	3.95
WSW	.01	.09	.42	.16	0.00	0.00	.67	3.30
W	0.00	.11	.48	.14	0.00	0.00	.73	2.51
WNW	0.00	1.48	6.45	1.83	0.00	0.00	9.81	3.36
NNW	0.00	.07	.30	.09	0.00	0.00	.46	4.15
N	0.00	1.08	4.97	.81	0.00	0.00	6.86	4.70
CALM	0.00	.05	.23	.04	0.00	0.00	.32	4.19
TOTAL	.13	.54	2.32	.45	0.00	0.00	3.49	
	.01	.03	.13	.02	0.00	0.00	.18	
	0.00	.40	1.61	.94	0.00	0.00	2.96	
	0.00	.02	.08	.04	0.00	0.00	.14	
	0.00	.40	.81	.40	0.00	0.00	1.61	
	0.00	.02	.04	.02	0.00	0.00	.08	
	0.00	.40	.94	.40	0.00	0.00	1.75	
	0.00	.02	.04	.02	0.00	0.00	.08	
	.13	.94	.54	.13	0.00	0.00	1.75	
	.01	.04	.03	.01	0.00	0.00	.08	
	.40	.81	.40	.13	0.00	0.00	1.75	
	.02	.04	.02	.01	0.00	0.00	.08	
	0.00	1.75	.67	.27	.13	0.00	2.82	
	0.00	.08	.03	.01	.01	0.00	.13	
	.27	2.15	3.09	2.02	0.00	0.00	7.53	
	.01	.10	.15	.09	0.00	0.00	.35	
	0.00	.81	3.49	1.21	0.00	0.00	5.51	
	0.00	.04	.16	.06	0.00	0.00	.26	
	0.00						0.00	
	0.00						0.00	
	0.00						0.00	
	1.08	19.89	53.36	25.00	.67	0.00	100.00	
	.05	.94	2.51	1.18	.03	0.00	4.70	

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JOINT WIND FREQUENCY DISTRIBUTION BY STABILITY CLASS
DATA PERIOD: BIENNIAL 1976 - 1977

STABILITY CLASS: PASQUILL D
DATA SOURCE: SOUTH DADE TOWER
WIND SENSOR HEIGHT: 11.62 METERS
TABLE GENERATED: 09/25/78. 17.47.09.

TURKEY POINT
DADE COUNTY, FLORIDA
FLORIDA POWER AND LIGHT CO.
DAMES AND MOORE JOB NO: 4598 - 109 - 27

WIND SECTOR	0.0-1.5	1.5-3.0	3.0-5.0	5.0-7.5	7.5-10.0	>10.0	TOTAL	MEAN SPEED
NNE	.4	.18	.19	.14	.4	.0	.59	4.05
	.17	.77	.82	.60	.17	0.00	2.54	
	.03	.11	.12	.09	.03	0.00	.37	
NE	.9	.41	.64	.58	.18	.0	.190	4.62
	.39	1.76	2.75	2.49	.77	0.00	8.17	
	.06	.26	.40	.37	.11	0.00	1.20	
ENE	.4	.58	.128	.114	.6	.0	.310	4.52
	.17	2.49	5.50	4.90	.26	0.00	13.32	
	.03	.37	.81	.72	.04	0.00	1.96	
E	.4	.77	.194	.133	.3	.2	.413	4.35
	.17	3.31	8.34	5.72	.13	.09	17.75	
	.03	.49	1.23	.84	.02	.01	2.61	
ESE	.7	.63	.126	.33	.1	.0	.230	3.71
	.30	2.71	5.41	1.42	.04	0.00	9.88	
	.04	.40	.80	.21	.01	0.00	1.45	
SE	.4	.55	.78	.19	.0	.0	.156	3.56
	.17	2.36	3.35	.82	0.00	0.00	6.70	
	.03	.35	.49	.12	0.00	0.00	.99	
SSE	.6	.43	.54	.18	.0	.0	.121	3.46
	.26	1.85	2.32	.77	0.00	0.00	5.20	
	.04	.27	.34	.11	0.00	0.00	.77	
S	.2	.26	.46	.8	.1	.0	.83	3.49
	.09	1.12	1.98	.34	.04	0.00	3.57	
	.01	.16	.29	.05	.01	0.00	.52	
SSW	.6	.15	.36	.9	.0	.0	.66	3.67
	.26	.64	1.55	.39	0.00	0.00	2.84	
	.04	.09	.23	.06	0.00	0.00	.42	
SW	.4	.19	.24	.10	.2	.0	.59	3.80
	.17	.82	1.03	.43	.09	0.00	2.54	
	.03	.12	.15	.06	.01	0.00	.37	
WSW	.7	.12	.14	.6	.2	.0	.41	3.41
	.30	.53	.60	.26	.09	0.00	1.76	
	.04	.05	.09	.04	.01	0.00	.26	
W	.8	.24	.15	.7	.0	.0	.54	2.96
	.34	1.03	.64	.30	0.00	0.00	2.32	
	.05	.15	.09	.04	0.00	0.00	.34	
WNW	.13	.24	.15	.2	.0	.0	.54	2.54
	.55	1.03	.64	.09	0.00	0.00	2.32	
	.08	.15	.09	.01	0.00	0.00	.34	
NW	.15	.35	.29	.11	.2	.0	.93	3.25
	.64	1.55	1.25	.47	.09	0.00	4.00	
	.09	.23	.18	.07	.01	0.00	.59	
NNW	.14	.66	.145	.38	.1	.0	.264	3.76
	.60	2.84	6.23	1.63	.04	0.00	11.35	
	.09	.42	.62	.24	.01	0.00	1.67	
N	.13	.38	.62	.21	.0	.0	.134	3.55
	.56	1.63	2.56	.90	0.00	0.00	5.76	
	.08	.24	.39	.13	0.00	0.00	.85	
CALM	.0	.0	.0	.0	.0	.0	.0	CALM
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
TOTAL	.120	.615	1049	501	.40	.2	2327	3.91
	5.16	26.43	45.08	21.53	1.72	.09	100.00	
	.76	3.89	6.63	3.17	.25	.01	14.72	

KEY XXX NUMBER OF OCCURRENCES
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XXX PERCENT OCCURRENCES ALL CLASSES

JOINT WIND FREQUENCY DISTRIBUTION BY STABILITY CLASS
DATA PERIOD: BIENNIAL 1976 - 1977

STABILITY CLASS: PASQUILL E
DATA SOURCE: SOUTH DADE TOWER
WIND SENSOR HEIGHT: 11.62 METERS
TABLE GENERATED: 09/25/78. 17.47.09.

TURKEY POINT
DADE COUNTY, FLORIDA
FLORIDA POWER AND LIGHT CO.
DAMES AND MOORE JOB NO: 4598 - 109 - 27

WIND SECTOR	WIND SPEED CATEGORIES (METERS PER SECOND)						TOTAL	MEAN SPEED
	0.0-1.5	1.5-3.0	3.0-5.0	5.0-7.5	7.5-10.0	>10.0		
NNE	23 .39 .15 .35	36 .60 .23 .76	27 .45 .17 .93	13 .22 .08 .70	4 .07 .03 .9	0 0.00 0.00 0	103 1.73 .65 283	3.20
NE	.59 .22 .43	1.28 .48 272	1.56 .59 351	1.17 .44 68	.15 .06 2	0.00 0.00 0	4.75 1.79 736	3.75
ENE	.72 .27 .77	4.56 1.72 546	5.89 2.22 547	1.14 .43 154	.03 .01 .6	0.00 0.00 0	12.35 4.65 1330	3.34
E	1.29 .49 .44	9.16 3.45 407	9.18 3.46 285	2.58 .97 100	.10 .04 .3	0.00 0.00 0	22.32 8.41 839	3.33
ESE	.74 .28 .44	6.83 2.57 262	4.78 1.80 205	1.68 .63 57	.05 .02 .2	0.00 0.00 0	14.08 5.31 570	3.23
SE	.74 .28 .30	4.40 1.66 128	3.44 1.30 73	.96 .36 .32	.03 .01 .1	0.00 0.00 0	9.56 3.60 264	3.20
SSE	.50 .19 .22	2.15 .81 111	1.22 .46 64	.54 .20 16	.02 .01 .1	0.00 0.00 0	4.43 1.67 214	3.02
S	.37 .14 .27	1.86 .70 91	1.07 .40 41	.27 .10 .6	.02 .01 .2	0.00 0.00 0	3.59 1.35 167	2.93
SSW	.45 .17 .38	1.53 .58 .47	.69 .26 .35	.10 .04 .11	.03 .01 .4	0.00 0.00 0	2.80 1.06 135	2.67
SW	.64 .24 .24	.79 .30 .49	.59 .22 23	.18 .07 0	.07 .03 0	0.00 0.00 0	2.27 .85 96	2.81
WSW	.40 .15 .58	.82 .31 119	.39 .15 29	0.00 0.00 .2	0.00 0.00 0	0.00 0.00 0	1.61 .61 208	2.40
W	.97 .37 .47	2.00 .75 .81	.49 .18 14	.03 .01 0	0.00 0.00 0	0.00 0.00 0	3.49 1.32 142	2.14
WNW	.79 .30 .54	1.36 .51 .83	.23 .09 41	0.00 0.00 .6	0.00 0.00 0	0.00 0.00 0	2.38 .90 184	1.91
NW	.91 .34 .45	1.39 .52 140	.69 .26 186	.10 .04 .11	0.00 0.00 0	0.00 0.00 0	3.09 1.16 382	2.34
NNW	.76 .28 .43	2.35 .89 127	3.12 1.18 99	.18 .07 .12	0.00 0.00 0	0.00 0.00 0	6.41 2.42 281	3.06
N	.72 .27 .26	2.13 .80	1.66 .63	.20 .08	0.00 0.00	0.00 0.00	4.71 1.78 26	2.83
CALM	.44 .16						.44 .16	CALM
TOTAL	680 11.41 4.30	2575 43.20 16.28	2113 35.45 13.36	558 9.36 3.53	34 .57 .22	0 0.00 0.00	5960 100.00 37.69	3.09

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KEY   XXX NUMBER OF OCCURRENCES
      XXX PERCENT OCCURRENCES THIS CLASS
      XXX PERCENT OCCURRENCES ALL CLASSES

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JOINT WIND FREQUENCY DISTRIBUTION BY STABILITY CLASS
DATA PERIOD: BIENNIAL 1976 - 1977

STABILITY CLASS: PASQUILL F
DATA SOURCE: SOUTH DADE TOWER
WIND SENSOR HEIGHT: 11.62 METERS
TABLE GENERATED: 09/25/78. 17.47.09.

TURKEY POINT
DADE COUNTY, FLORIDA
FLORIDA POWER AND LIGHT CO.
JAMES AND MOORE JOB NO: 4598 - 109 - 27

WIND SECTOR	WIND SPEED CATEGORIES (METERS PER SECOND)						TOTAL	MEAN SPEED
	0.0-1.5	1.5-3.0	3.0-5.0	5.0-7.5	7.5-10.0	>10.0		
NNE	.43	.14	.2	.0	.0	.0	.59	1.40
	2.11	.69	.10	0.00	0.00	0.00	2.89	
NE	.37	.09	.01	0.00	0.00	0.00	.37	1.89
	.33	.14	.8	.2	.0	.0	.57	
ENE	1.62	.69	.39	.10	0.00	0.00	2.79	1.55
	.21	.09	.05	.01	0.00	0.00	.36	
	.35	.22	.3	.0	.0	.0	.60	
E	1.71	1.08	.15	0.00	0.00	0.00	2.94	2.07
	.22	.14	.02	0.00	0.00	0.00	.38	
	.56	.163	.17	.3	.0	.0	.239	
ESE	2.74	7.98	.83	.15	0.00	0.00	11.70	2.11
	.35	1.03	.11	.02	0.00	0.00	1.51	
	.55	1.27	.22	.3	.0	.0	2.11	
SE	2.89	6.22	1.08	.15	0.00	0.00	10.33	1.89
	.37	.89	.14	.02	0.00	0.00	1.33	
	.32	.83	.3	.0	.0	.0	1.18	
SSE	1.57	4.06	.15	0.00	0.00	0.00	5.78	1.90
	.30	.52	.02	0.00	0.00	0.00	.75	
	.30	.41	.4	.0	.0	.0	.67	
S	1.08	2.01	.20	0.00	0.00	0.00	3.28	1.86
	.14	.26	.03	0.00	0.00	0.00	.42	
	.18	.31	.4	.0	.0	.0	.53	
SSW	.88	1.52	.20	0.00	0.00	0.00	2.60	1.59
	.11	.20	.03	0.00	0.00	0.00	.34	
	.21	.25	.0	.0	.0	.0	.46	
SW	1.03	1.22	0.00	0.00	0.00	0.00	2.25	1.62
	.13	.16	0.00	0.00	0.00	0.00	.29	
	.38	.31	.3	.0	.0	.0	.72	
WSW	1.86	1.52	.15	0.00	0.00	0.00	3.53	1.62
	.24	.20	.02	0.00	0.00	0.00	.46	
	.40	.46	.2	.0	.0	.0	.88	
W	1.96	2.25	.10	0.00	0.00	0.00	4.31	1.40
	.25	.29	.01	0.00	0.00	0.00	.56	
	.75	.30	.2	.0	.0	.0	1.07	
WNW	3.67	1.47	.10	0.00	0.00	0.00	5.24	1.38
	.47	.19	.01	0.00	0.00	0.00	.68	
	.59	.32	.0	.0	.0	.0	.91	
NW	2.89	1.57	0.00	0.00	0.00	0.00	4.46	1.49
	.37	.20	0.00	0.00	0.00	0.00	.58	
	.109	.56	.6	.0	.0	.0	.171	
NNW	5.34	2.74	.29	0.00	0.00	0.00	8.37	1.90
	.69	.35	.04	0.00	0.00	0.00	1.08	
	1.22	1.56	.33	.0	.0	.0	3.11	
N	5.97	7.64	1.62	0.00	0.00	0.00	15.23	2.00
	.77	.99	.21	0.00	0.00	0.00	1.97	
	1.03	1.24	.37	.1	.0	.0	2.65	
CALM	5.04	6.07	1.81	.05	0.00	0.00	12.98	CALM
	.65	.78	.23	.01	0.00	0.00	1.68	
	.27						.37	
	1.32						1.32	
	.17						.17	
TOTAL	892	995	146	9	0	0	2042	1.79
	43.68	48.73	7.15	.44	0.00	0.00	100.00	
	5.64	6.29	.92	.06	0.00	0.00	12.91	

KEY XXX NUMBER OF OCCURRENCES
XXX PERCENT OCCURRENCES THIS CLASS
XXX PERCENT OCCURRENCES ALL CLASSES

JOINT WIND FREQUENCY DISTRIBUTION BY STABILITY CLASS
DATA PERIOD: BIENNIAL 1976 - 1977

STABILITY CLASS: PASQUILL G
DATA SOURCE: SOUTH DADE TOWER
WIND SENSOR HEIGHT: 11.62 METERS
TABLE GENERATED: 09/25/78. 17.47.09.

TURKEY POINT
DADE COUNTY, FLORIDA
FLORIDA POWER AND LIGHT CO.
DAMES AND MOORE JOB NO: 4598 - 109 - 27

WIND SECTOR	0.0-1.5	1.5-3.0	3.0-5.0	5.0-7.5	7.5-10.0	>10.0	TOTAL	MEAN SPEED
NNE	.655	1.56	0.00	0.00	0.00	0.00	2.21	1.68
NE	.03	.08	0.00	0.00	0.00	0.00	.11	.92
ENE	.52	0.00	0.00	0.00	0.00	0.00	.52	.93
E	.03	0.00	0.00	0.00	0.00	0.00	.03	1.36
ESE	.78	.39	0.00	0.00	0.00	0.00	1.17	1.69
SE	.04	.02	0.00	0.00	0.00	0.00	.06	2.10
SSE	.26	.65	0.00	0.00	0.00	0.00	.91	1.47
S	.01	.03	0.00	0.00	0.00	0.00	.04	1.82
SSW	0.00	.52	0.00	0.00	0.00	0.00	.52	1.81
SW	0.00	.03	0.00	0.00	0.00	0.00	.03	1.64
WSW	.65	.39	0.00	0.00	0.00	0.00	1.04	1.36
W	.03	.02	0.00	0.00	0.00	0.00	.05	1.28
WNW	.13	.91	0.00	0.00	0.00	0.00	1.04	1.42
NW	.01	.04	0.00	0.00	0.00	0.00	.05	1.74
NNW	.78	.91	0.00	0.00	0.00	0.00	1.69	1.94
N	.04	.04	0.00	0.00	0.00	0.00	.08	1.98
CALM	1.04	.78	0.00	0.00	0.00	0.00	1.82	
TOTAL	1.36	3.43	1.56	0.00	0.00	0.00	4.86	1.83

KEY
XXX NUMBER OF OCCURRENCES
XXX PERCENT OCCURRENCES THIS CLASS
XXX PERCENT OCCURRENCES ALL CLASSES

JOINT WIND FREQUENCY DISTRIBUTION BY STABILITY CLASS
DATA PERIOD: BIENNIAL 1976 - 1977

ALL CLASSES
DATA SOURCE: SOUTH DADE TOWER
WIND SENSOR HEIGHT: 11.62 METERS
TABLE GENERATED: 09/25/78. 17.47.09.

TURKEY POINT
DADE COUNTY, FLORIDA
FLORIDA POWER AND LIGHT CO.
DAMES AND MOORE JOB NO: 4598 - 109 - 27

WIND SECTOR	0.0-1.5	1.5-3.0	3.0-5.0	5.0-7.5	7.5-10.0	>10.0	TOTAL	MEAN SPEED
NNE	75 .47	93 .59	89 .56	68 .43	11 .07	0 0.00	336 2.12	3.44
NE	81 .51	178 1.13	324 2.05	285 1.80	42 .27	0 0.00	910 5.75	4.24
ENE	86 .54	381 2.41	615 3.89	411 2.60	19 .12	0 0.00	1512 9.56	4.00
E	144 .91	824 5.21	1011 6.39	623 3.94	43 .27	2 .01	2647 16.74	3.85
ESE	113 .71	644 4.07	904 5.72	453 2.86	24 .15	0 0.00	2138 13.52	3.78
SE	84 .53	463 2.93	651 4.12	277 1.75	5 .03	0 0.00	1480 9.36	3.70
SSE	67 .42	279 1.76	389 2.46	143 .90	8 .05	0 0.00	886 5.60	3.56
S	46 .29	201 1.27	283 1.79	83 .52	4 .03	0 0.00	617 3.90	3.50
SSW	61 .39	153 .97	155 .98	90 .57	17 .11	1 .01	477 3.02	3.66
SW	89 .56	123 .78	102 .65	85 .54	14 .09	1 .01	414 2.62	3.45
WSW	81 .51	126 .80	65 .41	20 .13	5 .03	0 0.00	297 1.88	2.62
W	162 1.02	209 1.32	76 .48	25 .16	6 .04	0 0.00	478 3.02	2.37
WNW	145 .92	179 1.13	57 .36	6 .04	0 0.00	0 0.00	387 2.45	2.04
NW	212 1.34	260 1.64	115 .73	31 .20	6 .04	0 0.00	624 3.95	2.38
NNW	237 1.50	618 3.91	458 2.90	165 1.04	5 .03	0 0.00	1483 9.38	3.00
N	196 1.24	500 3.16	278 1.76	99 .63	0 0.00	0 0.00	1073 6.79	2.80
CALM	54 .34						54 .34	CALM
TOTAL	1933 12.22	5231 33.08	5572 35.24	2864 18.11	209 1.32	4 .03	15813 100.00	3.47

NUMBER OF VALID OBSERVATIONS 15813 90.13 PCT.
NUMBER OF INVALID OBSERVATIONS 1731 9.87 PCT.
TOTAL NUMBER OF OBSERVATIONS 17544 100.00 PCT.

KEY XXX NUMBER OF OCCURRENCES
XXX PERCENT OCCURRENCES