



Tennessee Valley Authority, Post Office Box 2000, Decatur, Alabama 35609-2000

April 28, 2006

10 CFR 50.36a(a) (2)
10 CFR 50, Appendix I,
Section IV.B.1

U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Mail Stop: OWFN, P1-35
Washington, D.C. 20555-0001

Gentlemen:

In the Matter of)	Docket Nos.	50-259
Tennessee Valley Authority)		50-260
			50-296

**BROWNS FERRY NUCLEAR PLANT (BFN) - UNITS 1, 2, AND 3 -
ANNUAL RADIOACTIVE EFFLUENT RELEASE (ARER) REPORT - JANUARY
THROUGH DECEMBER 2005**

In accordance with 10 CFR 50.36a(a) (2); 10 CFR 50, Appendix I, Section IV.B; and BFN Technical Specification (TS) 5.6.3, TVA is submitting the BFN ARER report for January through December 2005. Also, in accordance with the BFN Offsite Dose Calculation Manual (ODCM) Section 1.1.1, Action (b), and Section 1.1.2, Action (c), TVA is providing the BFN Inoperable Radioactive Effluent Instrumentation Report. TVA is also submitting Revision 17 of the ODCM which was revised during this reporting period.

This report includes the following:

- Radiological Impact Assessment Report (Enclosure 1)
- Meteorological Data Tables (Enclosure 2)

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U.S. Nuclear Regulatory Commission
Page 2
April 28, 2006

- Effluent and Waste Disposal Annual Report
(Enclosure 3)
- Inoperable Radiological Effluent Instrumentation
Report (Enclosure 4)
- ODCM, Revision 17 (Enclosure 5)

If you have any questions concerning this submittal, please
contact me at (256) 729-2636.

Sincerely,



William D. Crouch
Manager of Site Licensing
and Industry Affairs

Enclosure

cc: See page 3

U.S. Nuclear Regulatory Commission
Page 3
April 28, 2006

Enclosures

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ENCLOSURE 2

**TENNESSEE VALLEY AUTHORITY
BROWNS FERRY NUCLEAR PLANT (BFN)
UNITS 1, 2, AND 3**

**METEOROLOGICAL DATA TABLES
2005**

METEOROLOGICAL DATA TABLES

BROWNS FERRY NUCLEAR PLANT

JANUARY - DECEMBER 2005

TABLE 10

JOINT FREQUENCY DISTRIBUTION IN PERCENT

FOR GROUND LEVEL RELEASES

FIRST QUARTER

JOINT PERCENTAGE FREQUENCIES OF WIND SPEED BY WIND DIRECTION FOR

STABILITY CLASS A (DELTA T<=-1.9 C/100 M)

Browns Ferry Nuclear Plant

JAN 1, 2005 - MAR 31, 2005

WIND DIRECTION	WIND SPEED(MPH)									TOTAL
	CALM	0.6-1.4	1.5-3.4	3.5-5.4	5.5-7.4	7.5-12.4	12.5-18.4	18.5-24.4	>=24.5	
N	0.000	0.000	0.000	0.000	0.000	0.900	0.047	0.000	0.000	0.948
NNE	0.000	0.000	0.000	0.000	0.047	0.379	0.000	0.000	0.000	0.427
NE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ENE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
E	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ESE	0.000	0.000	0.000	0.047	0.000	0.000	0.000	0.000	0.000	0.047
SE	0.000	0.000	0.000	0.332	0.000	0.047	0.000	0.000	0.000	0.379
SSE	0.000	0.000	0.047	0.237	0.000	0.000	0.000	0.000	0.000	0.284
S	0.000	0.000	0.000	0.474	0.000	0.000	0.000	0.000	0.000	0.474
SSW	0.000	0.000	0.000	0.095	0.000	0.000	0.000	0.000	0.000	0.095
SW	0.000	0.000	0.000	0.095	0.142	0.000	0.000	0.000	0.000	0.237
WSW	0.000	0.000	0.000	0.000	0.142	0.000	0.000	0.000	0.000	0.142
W	0.000	0.000	0.000	0.000	0.095	0.000	0.000	0.000	0.000	0.095
WNW	0.000	0.000	0.000	0.000	0.047	0.000	0.237	0.000	0.000	0.284
NW	0.000	0.000	0.000	0.000	0.000	0.000	0.047	0.000	0.000	0.047
NNW	0.000	0.000	0.000	0.000	0.000	0.095	0.095	0.000	0.000	0.190
SUBTOTAL	0.000	0.000	0.047	1.280	0.474	1.422	0.427	0.000	0.000	3.649

TOTAL HOURS OF VALID STABILITY OBSERVATIONS 2112
 TOTAL HOURS OF STABILITY CLASS A 77
 TOTAL HOURS OF VALID WIND DIRECTION-WIND SPEED-STABILITY CLASS A 77
 TOTAL HOURS OF VALID WIND DIRECTION-WIND SPEED-STABILITY OBSERVATIONS 2110
 TOTAL HOURS CALM 0

METEOROLOGICAL FACILITY: Browns Ferry Nuclear Plant
 STABILITY BASED ON DELTA-T BETWEEN 10.03 AND 45.30 METERS
 WIND SPEED AND DIRECTION MEASURED AT 10.50 METER LEVEL

DATE PRINTED: 2005/06/06

MEAN WIND SPEED = 8.10

NOTE: TOTALS AND SUBTOTALS ARE OBTAINED FROM UNROUNDED NUMBERS

JOINT PERCENTAGE FREQUENCIES OF WIND SPEED BY WIND DIRECTION FOR

STABILITY CLASS B (-1.9< DELTA T<=-1.7 C/100 M)

Browns Ferry Nuclear Plant

JAN 1, 2005 - MAR 31, 2005

WIND DIRECTION	WIND SPEED (MPH)									TOTAL
	CALM	0.6-1.4	1.5-3.4	3.5-5.4	5.5-7.4	7.5-12.4	12.5-18.4	18.5-24.4	>=24.5	
N	0.000	0.000	0.000	0.095	0.000	0.095	0.047	0.000	0.000	0.237
NNE	0.000	0.000	0.000	0.047	0.047	0.095	0.000	0.000	0.000	0.190
NE	0.000	0.000	0.000	0.000	0.095	0.047	0.047	0.000	0.000	0.190
ENE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
E	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ESE	0.000	0.000	0.000	0.000	0.000	0.047	0.000	0.000	0.000	0.047
SE	0.000	0.000	0.000	0.237	0.000	0.047	0.000	0.000	0.000	0.284
SSE	0.000	0.000	0.142	0.190	0.000	0.000	0.000	0.000	0.000	0.332
S	0.000	0.000	0.000	0.000	0.047	0.000	0.000	0.000	0.000	0.047
SSW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SW	0.000	0.000	0.000	0.000	0.047	0.000	0.000	0.000	0.000	0.047
WSW	0.000	0.000	0.047	0.047	0.095	0.047	0.000	0.000	0.000	0.237
W	0.000	0.000	0.047	0.047	0.047	0.095	0.000	0.000	0.000	0.237
WNW	0.000	0.000	0.000	0.000	0.000	0.142	0.190	0.142	0.000	0.474
NW	0.000	0.000	0.000	0.000	0.000	0.142	0.332	0.047	0.000	0.521
NNW	0.000	0.000	0.000	0.000	0.000	0.047	0.095	0.000	0.000	0.142
SUBTOTAL	0.000	0.000	0.237	0.664	0.379	0.806	0.711	0.190	0.000	2.986

TOTAL HOURS OF VALID STABILITY OBSERVATIONS	2112
TOTAL HOURS OF STABILITY CLASS B	63
TOTAL HOURS OF VALID WIND DIRECTION-WIND SPEED-STABILITY CLASS B	63
TOTAL HOURS OF VALID WIND DIRECTION-WIND SPEED-STABILITY OBSERVATIONS	2110
TOTAL HOURS CALM	0

METEOROLOGICAL FACILITY: Browns Ferry Nuclear Plant
 STABILITY BASED ON DELTA-T BETWEEN 10.03 AND 45.30 METERS
 WIND SPEED AND DIRECTION MEASURED AT 10.50 METER LEVEL

DATE PRINTED: 2005/06/06

MEAN WIND SPEED = 9.53

NOTE: TOTALS AND SUBTOTALS ARE OBTAINED FROM UNROUNDED NUMBERS

JOINT PERCENTAGE FREQUENCIES OF WIND SPEED BY WIND DIRECTION FOR

STABILITY CLASS C (-1.7< DELTA T<=-1.5 C/100 M)

Browns Ferry Nuclear Plant

JAN 1, 2005 - MAR 31, 2005

WIND DIRECTION	WIND SPEED (MPH)									TOTAL
	CALM	0.6-1.4	1.5-3.4	3.5-5.4	5.5-7.4	7.5-12.4	12.5-18.4	18.5-24.4	>=24.5	
N	0.000	0.000	0.000	0.095	0.047	0.237	0.047	0.000	0.000	0.427
NNE	0.000	0.000	0.000	0.095	0.190	0.000	0.000	0.000	0.000	0.284
NE	0.000	0.000	0.000	0.000	0.142	0.095	0.047	0.000	0.000	0.284
ENE	0.000	0.000	0.000	0.000	0.047	0.000	0.000	0.000	0.000	0.047
E	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ESE	0.000	0.000	0.000	0.095	0.047	0.000	0.000	0.000	0.000	0.142
SE	0.000	0.000	0.000	0.237	0.000	0.047	0.000	0.000	0.000	0.284
SSE	0.000	0.000	0.000	0.142	0.000	0.000	0.000	0.000	0.000	0.142
S	0.000	0.000	0.095	0.142	0.000	0.000	0.000	0.000	0.000	0.237
SSW	0.000	0.000	0.000	0.047	0.000	0.000	0.000	0.000	0.000	0.047
SW	0.000	0.000	0.000	0.190	0.000	0.000	0.000	0.000	0.000	0.190
WSW	0.000	0.000	0.047	0.095	0.095	0.047	0.000	0.000	0.000	0.284
W	0.000	0.000	0.000	0.000	0.047	0.000	0.000	0.000	0.000	0.047
WNW	0.000	0.000	0.000	0.000	0.095	0.190	0.047	0.190	0.000	0.521
NW	0.000	0.000	0.000	0.000	0.000	0.332	0.237	0.000	0.000	0.569
NNW	0.000	0.000	0.000	0.000	0.000	0.095	0.095	0.000	0.000	0.190
SUBTOTAL	0.000	0.000	0.142	1.137	0.711	1.043	0.474	0.190	0.000	3.697

TOTAL HOURS OF VALID STABILITY OBSERVATIONS	2112
TOTAL HOURS OF STABILITY CLASS C	78
TOTAL HOURS OF VALID WIND DIRECTION-WIND SPEED-STABILITY CLASS C	78
TOTAL HOURS OF VALID WIND DIRECTION-WIND SPEED-STABILITY OBSERVATIONS	2110
TOTAL HOURS CALM	0

METEOROLOGICAL FACILITY: Browns Ferry Nuclear Plant
 STABILITY BASED ON DELTA-T BETWEEN 10.03 AND 45.30 METERS
 WIND SPEED AND DIRECTION MEASURED AT 10.50 METER LEVEL

DATE PRINTED: 2005/06/06

MEAN WIND SPEED = 8.37

NOTE: TOTALS AND SUBTOTALS ARE OBTAINED FROM UNROUNDED NUMBERS

JOINT PERCENTAGE FREQUENCIES OF WIND SPEED BY WIND DIRECTION FOR

STABILITY CLASS D (-1.5 < DELTA T <= -0.5 C/100 M)

Browns Ferry Nuclear Plant

JAN 1, 2005 - MAR 31, 2005

WIND DIRECTION	WIND SPEED (MPH)									TOTAL
	CALM	0.6-1.4	1.5-3.4	3.5-5.4	5.5-7.4	7.5-12.4	12.5-18.4	18.5-24.4	>=24.5	
N	0.000	0.000	0.190	1.327	0.853	1.611	0.047	0.000	0.000	4.028
NNE	0.000	0.000	0.427	0.948	0.758	2.322	0.095	0.000	0.000	4.550
NE	0.000	0.000	0.569	0.758	0.664	1.280	0.142	0.000	0.000	3.412
ENE	0.000	0.000	0.237	0.427	0.284	0.000	0.000	0.000	0.000	0.948
E	0.000	0.047	0.190	1.090	0.237	0.000	0.000	0.000	0.000	1.564
ESE	0.000	0.000	0.332	0.569	0.616	0.758	0.000	0.000	0.000	2.275
SE	0.000	0.000	0.521	0.995	0.237	0.190	0.000	0.000	0.000	1.943
SSE	0.000	0.142	1.232	0.616	0.047	0.000	0.000	0.000	0.000	2.038
S	0.000	0.000	0.616	0.711	0.379	0.000	0.000	0.000	0.000	1.706
SSW	0.000	0.000	0.379	0.142	0.000	0.000	0.000	0.000	0.000	0.521
SW	0.000	0.000	0.427	0.142	0.190	0.047	0.000	0.000	0.000	0.806
WSW	0.000	0.000	0.521	0.427	0.237	0.237	0.000	0.000	0.000	1.422
W	0.000	0.000	0.095	0.379	0.711	0.900	0.047	0.000	0.000	2.133
WNW	0.000	0.000	0.095	0.237	0.427	1.469	1.327	0.142	0.000	3.697
NW	0.000	0.000	0.095	0.474	0.664	1.469	1.327	0.190	0.095	4.313
NNW	0.000	0.047	0.095	0.758	0.900	0.853	0.806	0.047	0.000	3.507
SUBTOTAL	0.000	0.237	6.019	10.000	7.204	11.137	3.791	0.379	0.095	38.863

TOTAL HOURS OF VALID STABILITY OBSERVATIONS	2112
TOTAL HOURS OF STABILITY CLASS D	821
TOTAL HOURS OF VALID WIND DIRECTION-WIND SPEED-STABILITY CLASS D	820
TOTAL HOURS OF VALID WIND DIRECTION-WIND SPEED-STABILITY OBSERVATIONS	2110
TOTAL HOURS CALM	0

METEOROLOGICAL FACILITY: Browns Ferry Nuclear Plant
 STABILITY BASED ON DELTA-T BETWEEN 10.03 AND 45.30 METERS
 WIND SPEED AND DIRECTION MEASURED AT 10.50 METER LEVEL

DATE PRINTED: 2005/06/06

MEAN WIND SPEED = 7.17

NOTE: TOTALS AND SUBTOTALS ARE OBTAINED FROM UNROUNDED NUMBERS

JOINT PERCENTAGE FREQUENCIES OF WIND SPEED BY WIND DIRECTION FOR

STABILITY CLASS E (-0.5< DELTA T<= 1.5 C/100 M)

Browns Ferry Nuclear Plant

JAN 1, 2005 - MAR 31, 2005

WIND DIRECTION	WIND SPEED (MPH)									TOTAL
	CALM	0.6-1.4	1.5-3.4	3.5-5.4	5.5-7.4	7.5-12.4	12.5-18.4	18.5-24.4	>=24.5	
N	0.000	0.047	0.569	0.664	0.332	0.237	0.095	0.000	0.000	1.943
NNE	0.000	0.095	0.521	0.474	0.332	0.142	0.000	0.000	0.000	1.564
NE	0.000	0.047	0.237	0.190	0.284	0.237	0.047	0.000	0.000	1.043
ENE	0.000	0.142	0.379	0.284	0.095	0.047	0.000	0.000	0.000	0.948
E	0.000	0.095	0.664	1.090	0.190	0.000	0.000	0.000	0.000	2.038
ESE	0.000	0.095	0.569	1.327	0.190	0.047	0.000	0.000	0.000	2.227
SE	0.000	0.095	1.137	1.090	0.237	0.000	0.000	0.000	0.000	2.559
SSE	0.000	0.379	1.327	0.853	0.095	0.000	0.000	0.000	0.000	2.654
S	0.000	0.190	1.374	1.517	0.284	0.190	0.000	0.000	0.000	3.555
SSW	0.000	0.047	0.995	0.521	0.190	0.000	0.000	0.000	0.000	1.754
SW	0.000	0.095	0.711	0.190	0.142	0.000	0.000	0.000	0.000	1.137
WSW	0.000	0.142	0.569	0.569	0.190	0.237	0.000	0.000	0.000	1.706
W	0.000	0.000	0.474	0.427	0.237	0.237	0.000	0.000	0.000	1.374
WNW	0.000	0.000	0.095	0.190	0.190	0.142	0.047	0.000	0.000	0.664
NW	0.000	0.095	0.284	0.427	0.237	0.190	0.000	0.000	0.000	1.232
NNW	0.000	0.047	0.521	0.332	0.474	0.521	0.000	0.000	0.000	1.896
SUBTOTAL	0.000	1.611	10.427	10.142	3.697	2.227	0.190	0.000	0.000	28.294

TOTAL HOURS OF VALID STABILITY OBSERVATIONS 2112
 TOTAL HOURS OF STABILITY CLASS E 598
 TOTAL HOURS OF VALID WIND DIRECTION-WIND SPEED-STABILITY CLASS E 597
 TOTAL HOURS OF VALID WIND DIRECTION-WIND SPEED-STABILITY OBSERVATIONS 2110
 TOTAL HOURS CALM 0

METEOROLOGICAL FACILITY: Browns Ferry Nuclear Plant
 STABILITY BASED ON DELTA-T BETWEEN 10.03 AND 45.30 METERS
 WIND SPEED AND DIRECTION MEASURED AT 10.50 METER LEVEL

DATE PRINTED: 2005/06/06

MEAN WIND SPEED = 4.18

NOTE: TOTALS AND SUBTOTALS ARE OBTAINED FROM UNROUNDED NUMBERS

JOINT PERCENTAGE FREQUENCIES OF WIND SPEED BY WIND DIRECTION FOR

STABILITY CLASS F (1.5< DELTA T<= 4.0 C/100 M)

Browns Ferry Nuclear Plant

JAN 1, 2005 - MAR 31, 2005

WIND DIRECTION	WIND SPEED (MPH)									TOTAL
	CALM	0.6-1.4	1.5-3.4	3.5-5.4	5.5-7.4	7.5-12.4	12.5-18.4	18.5-24.4	>=24.5	
N	0.000	0.047	0.474	0.379	0.047	0.000	0.000	0.000	0.000	0.948
NNE	0.000	0.142	0.569	0.521	0.142	0.047	0.000	0.000	0.000	1.422
NE	0.000	0.095	0.190	0.095	0.047	0.047	0.000	0.000	0.000	0.474
ENE	0.000	0.000	0.190	0.095	0.047	0.000	0.000	0.000	0.000	0.332
E	0.000	0.000	0.284	0.142	0.000	0.000	0.000	0.000	0.000	0.427
ESE	0.000	0.095	0.379	0.332	0.000	0.000	0.000	0.000	0.000	0.806
SE	0.000	0.190	1.280	0.616	0.095	0.000	0.000	0.000	0.000	2.180
SSE	0.000	0.047	2.227	0.758	0.379	0.047	0.000	0.000	0.000	3.460
S	0.000	0.047	0.664	1.137	0.569	0.190	0.000	0.000	0.000	2.607
SSW	0.000	0.000	0.190	0.237	0.000	0.047	0.000	0.000	0.000	0.474
SW	0.000	0.047	0.190	0.095	0.095	0.000	0.000	0.000	0.000	0.427
WSW	0.000	0.047	0.047	0.000	0.000	0.000	0.000	0.000	0.000	0.095
W	0.000	0.047	0.379	0.000	0.000	0.000	0.000	0.000	0.000	0.427
WNW	0.000	0.047	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.047
NW	0.000	0.142	0.474	0.000	0.000	0.000	0.000	0.000	0.000	0.616
NNW	0.000	0.047	0.142	0.569	0.095	0.000	0.000	0.000	0.000	0.853
SUBTOTAL	0.000	1.043	7.678	4.976	1.517	0.379	0.000	0.000	0.000	15.592

TOTAL HOURS OF VALID STABILITY OBSERVATIONS	2112
TOTAL HOURS OF STABILITY CLASS F	329
TOTAL HOURS OF VALID WIND DIRECTION-WIND SPEED-STABILITY CLASS F	329
TOTAL HOURS OF VALID WIND DIRECTION-WIND SPEED-STABILITY OBSERVATIONS	2110
TOTAL HOURS CALM	0

METEOROLOGICAL FACILITY: Browns Ferry Nuclear Plant
 STABILITY BASED ON DELTA-T BETWEEN 10.03 AND 45.30 METERS
 WIND SPEED AND DIRECTION MEASURED AT 10.50 METER LEVEL

DATE PRINTED: 2005/06/06

MEAN WIND SPEED = 3.46

NOTE: TOTALS AND SUBTOTALS ARE OBTAINED FROM UNROUNDED NUMBERS

JOINT PERCENTAGE FREQUENCIES OF WIND SPEED BY WIND DIRECTION FOR

STABILITY CLASS G (DELTA T > 4.0 C/100 M)

Browns Ferry Nuclear Plant

JAN 1, 2005 - MAR 31, 2005

WIND DIRECTION	WIND SPEED (MPH)									TOTAL
	CALM	0.6-1.4	1.5-3.4	3.5-5.4	5.5-7.4	7.5-12.4	12.5-18.4	18.5-24.4	>=24.5	
N	0.000	0.047	0.379	0.284	0.000	0.000	0.000	0.000	0.000	0.711
NNE	0.000	0.142	0.190	0.047	0.000	0.000	0.000	0.000	0.000	0.379
NE	0.000	0.047	0.237	0.000	0.000	0.000	0.000	0.000	0.000	0.284
ENE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
E	0.000	0.095	0.095	0.000	0.000	0.000	0.000	0.000	0.000	0.190
ESE	0.000	0.095	0.190	0.000	0.000	0.000	0.000	0.000	0.000	0.284
SE	0.000	0.190	0.806	0.142	0.000	0.000	0.000	0.000	0.000	1.137
SSE	0.000	0.190	1.943	0.332	0.047	0.000	0.000	0.000	0.000	2.512
S	0.000	0.000	0.332	0.142	0.047	0.000	0.000	0.000	0.000	0.521
SSW	0.000	0.000	0.095	0.047	0.000	0.000	0.000	0.000	0.000	0.142
SW	0.000	0.047	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.047
WSW	0.000	0.047	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.047
W	0.000	0.047	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.047
WNW	0.000	0.000	0.095	0.000	0.000	0.000	0.000	0.000	0.000	0.095
NW	0.000	0.047	0.095	0.000	0.000	0.000	0.000	0.000	0.000	0.142
NNW	0.000	0.095	0.190	0.047	0.047	0.000	0.000	0.000	0.000	0.379
SUBTOTAL	0.000	1.090	4.645	1.043	0.142	0.000	0.000	0.000	0.000	6.919

TOTAL HOURS OF VALID STABILITY OBSERVATIONS	2112
TOTAL HOURS OF STABILITY CLASS G	146
TOTAL HOURS OF VALID WIND DIRECTION-WIND SPEED-STABILITY CLASS G	146
TOTAL HOURS OF VALID WIND DIRECTION-WIND SPEED-STABILITY OBSERVATIONS	2110
TOTAL HOURS CALM	0

METEOROLOGICAL FACILITY: Browns Ferry Nuclear Plant
 STABILITY BASED ON DELTA-T BETWEEN 10.03 AND 45.30 METERS
 WIND SPEED AND DIRECTION MEASURED AT 10.50 METER LEVEL

DATE PRINTED: 2005/06/06

MEAN WIND SPEED = 2.47

NOTE: TOTALS AND SUBTOTALS ARE OBTAINED FROM UNROUNDED NUMBERS

METEOROLOGICAL DATA TABLES

BROWNS FERRY NUCLEAR PLANT

JANUARY - DECEMBER 2005

TABLE 11

JOINT FREQUENCY DISTRIBUTION IN PERCENT

FOR GROUND LEVEL RELEASES

SECOND QUARTER

JOINT PERCENTAGE FREQUENCIES OF WIND SPEED BY WIND DIRECTION FOR

STABILITY CLASS A (DELTA T<=-1.9 C/100 M)

Browns Ferry Nuclear Plant

APR 1, 2005 - JUN 30, 2005

WIND DIRECTION	WIND SPEED (MPH)									TOTAL
	CALM	0.6-1.4	1.5-3.4	3.5-5.4	5.5-7.4	7.5-12.4	12.5-18.4	18.5-24.4	>=24.5	
N	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NNE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ENE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
E	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ESE	0.000	0.000	0.048	0.095	0.000	0.000	0.000	0.000	0.000	0.143
SE	0.000	0.000	0.190	1.047	0.000	0.000	0.000	0.000	0.000	1.237
SSE	0.000	0.000	0.333	0.856	0.000	0.000	0.000	0.000	0.000	1.189
S	0.000	0.000	0.333	0.428	0.000	0.000	0.000	0.000	0.000	0.761
SSW	0.000	0.000	0.143	0.428	0.000	0.000	0.000	0.000	0.000	0.571
SW	0.000	0.000	0.000	0.190	0.000	0.000	0.000	0.000	0.000	0.190
WSW	0.000	0.000	0.000	0.285	0.048	0.000	0.000	0.000	0.000	0.333
W	0.000	0.000	0.000	0.048	0.000	0.000	0.000	0.000	0.000	0.048
WNW	0.000	0.000	0.000	0.000	0.048	0.000	0.381	0.000	0.000	0.428
NW	0.000	0.000	0.000	0.000	0.048	0.238	0.238	0.095	0.000	0.618
NNW	0.000	0.000	0.000	0.000	0.048	0.381	0.095	0.000	0.000	0.523
SUBTOTAL	0.000	0.000	1.047	3.378	0.190	0.618	0.714	0.095	0.000	6.042

TOTAL HOURS OF VALID STABILITY OBSERVATIONS	2107
TOTAL HOURS OF STABILITY CLASS A	129
TOTAL HOURS OF VALID WIND DIRECTION-WIND SPEED-STABILITY CLASS A	127
TOTAL HOURS OF VALID WIND DIRECTION-WIND SPEED-STABILITY OBSERVATIONS	2102
TOTAL HOURS CALM	0

METEOROLOGICAL FACILITY: Browns Ferry Nuclear Plant
 STABILITY BASED ON DELTA-T BETWEEN 10.03 AND 45.30 METERS
 WIND SPEED AND DIRECTION MEASURED AT 10.50 METER LEVEL

DATE PRINTED: 2005/08/25

MEAN WIND SPEED = 6.20

NOTE: TOTALS AND SUBTOTALS ARE OBTAINED FROM UNROUNDED NUMBERS

JOINT PERCENTAGE FREQUENCIES OF WIND SPEED BY WIND DIRECTION FOR

STABILITY CLASS B (-1.9< DELTA T<=-1.7 C/100 M)

Browns Ferry Nuclear Plant

APR 1, 2005 - JUN 30, 2005

WIND DIRECTION	WIND SPEED (MPH)									TOTAL
	CALM	0.6-1.4	1.5-3.4	3.5-5.4	5.5-7.4	7.5-12.4	12.5-18.4	18.5-24.4	>=24.5	
N	0.000	0.000	0.000	0.048	0.048	0.048	0.000	0.000	0.000	0.143
NNE	0.000	0.000	0.000	0.000	0.000	0.095	0.000	0.000	0.000	0.095
NE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ENE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
E	0.000	0.000	0.000	0.000	0.095	0.000	0.000	0.000	0.000	0.095
ESE	0.000	0.000	0.000	0.095	0.095	0.000	0.000	0.000	0.000	0.190
SE	0.000	0.000	0.190	0.381	0.000	0.000	0.000	0.000	0.000	0.571
SSE	0.000	0.000	0.048	0.238	0.000	0.000	0.000	0.000	0.000	0.285
S	0.000	0.000	0.285	0.143	0.000	0.000	0.000	0.000	0.000	0.428
SSW	0.000	0.000	0.048	0.333	0.000	0.000	0.000	0.000	0.000	0.381
SW	0.000	0.000	0.000	0.095	0.048	0.000	0.000	0.000	0.000	0.143
WSW	0.000	0.000	0.048	0.095	0.000	0.000	0.000	0.000	0.000	0.143
W	0.000	0.000	0.000	0.095	0.143	0.095	0.000	0.000	0.000	0.333
WNW	0.000	0.000	0.000	0.000	0.000	0.190	0.143	0.000	0.000	0.333
NW	0.000	0.000	0.000	0.048	0.000	0.238	0.381	0.143	0.000	0.809
NNW	0.000	0.000	0.000	0.000	0.000	0.000	0.048	0.000	0.000	0.048
SUBTOTAL	0.000	0.000	0.618	1.570	0.428	0.666	0.571	0.143	0.000	3.996

TOTAL HOURS OF VALID STABILITY OBSERVATIONS	2107
TOTAL HOURS OF STABILITY CLASS B	84
TOTAL HOURS OF VALID WIND DIRECTION-WIND SPEED-STABILITY CLASS B	84
TOTAL HOURS OF VALID WIND DIRECTION-WIND SPEED-STABILITY OBSERVATIONS	2102
TOTAL HOURS CALM	0

METEOROLOGICAL FACILITY: Browns Ferry Nuclear Plant
 STABILITY BASED ON DELTA-T BETWEEN 10.03 AND 45.30 METERS
 WIND SPEED AND DIRECTION MEASURED AT 10.50 METER LEVEL

DATE PRINTED: 2005/08/25

MEAN WIND SPEED = 7.15

NOTE: TOTALS AND SUBTOTALS ARE OBTAINED FROM UNROUNDED NUMBERS

JOINT PERCENTAGE FREQUENCIES OF WIND SPEED BY WIND DIRECTION FOR
 STABILITY CLASS C (-1.7 < DELTA T <= -1.5 C/100 M)

Browns Ferry Nuclear Plant

APR 1, 2005 - JUN 30, 2005

WIND DIRECTION	WIND SPEED (MPH)									TOTAL
	CALM	0.6-1.4	1.5-3.4	3.5-5.4	5.5-7.4	7.5-12.4	12.5-18.4	18.5-24.4	>=24.5	
N	0.000	0.000	0.000	0.095	0.048	0.143	0.000	0.000	0.000	0.285
NNE	0.000	0.000	0.000	0.048	0.095	0.285	0.000	0.000	0.000	0.428
NE	0.000	0.000	0.000	0.143	0.000	0.000	0.000	0.000	0.000	0.143
ENE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
E	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ESE	0.000	0.000	0.048	0.190	0.000	0.000	0.000	0.000	0.000	0.238
SE	0.000	0.000	0.238	0.285	0.048	0.000	0.000	0.000	0.000	0.571
SSE	0.000	0.000	0.285	0.143	0.000	0.000	0.000	0.000	0.000	0.428
S	0.000	0.000	0.190	0.190	0.000	0.000	0.000	0.000	0.000	0.381
SSW	0.000	0.000	0.095	0.285	0.000	0.000	0.000	0.000	0.000	0.381
SW	0.000	0.000	0.048	0.190	0.048	0.000	0.000	0.000	0.000	0.285
WSW	0.000	0.000	0.095	0.381	0.000	0.000	0.000	0.000	0.000	0.476
W	0.000	0.000	0.000	0.143	0.238	0.095	0.000	0.000	0.000	0.476
WNW	0.000	0.000	0.000	0.000	0.190	0.238	0.048	0.000	0.000	0.476
NW	0.000	0.000	0.000	0.048	0.238	0.523	0.095	0.000	0.000	0.904
NNW	0.000	0.000	0.000	0.000	0.000	0.190	0.095	0.000	0.000	0.285
SUBTOTAL	0.000	0.000	0.999	2.141	0.904	1.475	0.238	0.000	0.000	5.756

TOTAL HOURS OF VALID STABILITY OBSERVATIONS 2107
 TOTAL HOURS OF STABILITY CLASS C 121
 TOTAL HOURS OF VALID WIND DIRECTION-WIND SPEED-STABILITY CLASS C 121
 TOTAL HOURS OF VALID WIND DIRECTION-WIND SPEED-STABILITY OBSERVATIONS 2102
 TOTAL HOURS CALM 0

METEOROLOGICAL FACILITY: Browns Ferry Nuclear Plant
 STABILITY BASED ON DELTA-T BETWEEN 10.03 AND 45.30 METERS
 WIND SPEED AND DIRECTION MEASURED AT 10.50 METER LEVEL

DATE PRINTED: 2005/08/25

MEAN WIND SPEED = 6.22

NOTE: TOTALS AND SUBTOTALS ARE OBTAINED FROM UNROUNDED NUMBERS

JOINT PERCENTAGE FREQUENCIES OF WIND SPEED BY WIND DIRECTION FOR

STABILITY CLASS D (-1.5 < DELTA T <= -0.5 C/100 M)

Browns Ferry Nuclear Plant

APR 1, 2005 - JUN 30, 2005

WIND DIRECTION	WIND SPEED (MPH)									TOTAL
	CALM	0.6-1.4	1.5-3.4	3.5-5.4	5.5-7.4	7.5-12.4	12.5-18.4	18.5-24.4	>=24.5	
N	0.000	0.000	0.143	0.190	0.476	0.476	0.000	0.000	0.000	1.284
NNE	0.000	0.000	0.190	0.666	0.618	0.618	0.000	0.000	0.000	2.093
NE	0.000	0.000	0.095	0.571	0.428	0.285	0.000	0.000	0.000	1.380
ENE	0.000	0.000	0.095	0.048	0.238	0.048	0.000	0.000	0.000	0.428
E	0.000	0.000	0.333	0.523	0.571	0.143	0.000	0.000	0.000	1.570
ESE	0.000	0.000	0.666	0.856	0.428	0.143	0.000	0.000	0.000	2.093
SE	0.000	0.000	1.427	0.809	0.095	0.048	0.000	0.000	0.000	2.379
SSE	0.000	0.000	2.046	0.618	0.095	0.000	0.000	0.000	0.000	2.759
S	0.000	0.048	0.951	0.666	0.095	0.048	0.000	0.000	0.000	1.808
SSW	0.000	0.048	0.761	0.523	0.095	0.000	0.000	0.000	0.000	1.427
SW	0.000	0.000	0.571	0.333	0.143	0.000	0.000	0.000	0.000	1.047
WSW	0.000	0.000	0.666	0.428	0.190	0.095	0.000	0.000	0.000	1.380
W	0.000	0.000	0.381	0.571	0.571	0.476	0.000	0.000	0.000	1.998
WNW	0.000	0.000	0.095	0.618	0.856	0.999	0.381	0.143	0.000	3.092
NW	0.000	0.000	0.095	0.714	0.999	1.284	1.237	0.143	0.000	4.472
NNW	0.000	0.000	0.095	0.571	0.428	0.999	0.095	0.000	0.000	2.188
SUBTOTAL	0.000	0.095	8.611	8.706	6.327	5.661	1.713	0.285	0.000	31.399

TOTAL HOURS OF VALID STABILITY OBSERVATIONS 2107
 TOTAL HOURS OF STABILITY CLASS D 663
 TOTAL HOURS OF VALID WIND DIRECTION-WIND SPEED-STABILITY CLASS D 660
 TOTAL HOURS OF VALID WIND DIRECTION-WIND SPEED-STABILITY OBSERVATIONS 2102
 TOTAL HOURS CALM 0

METEOROLOGICAL FACILITY: Browns Ferry Nuclear Plant
 STABILITY BASED ON DELTA-T BETWEEN 10.03 AND 45.30 METERS
 WIND SPEED AND DIRECTION MEASURED AT 10.50 METER LEVEL

DATE PRINTED: 2005/08/25

MEAN WIND SPEED = 5.96

NOTE: TOTALS AND SUBTOTALS ARE OBTAINED FROM UNROUNDED NUMBERS

JOINT PERCENTAGE FREQUENCIES OF WIND SPEED BY WIND DIRECTION FOR

STABILITY CLASS E (-0.5 < DELTA T <= 1.5 C/100 M)

Browns Ferry Nuclear Plant

APR 1, 2005 - JUN 30, 2005

WIND DIRECTION	WIND SPEED (MPH)									TOTAL
	CALM	0.6-1.4	1.5-3.4	3.5-5.4	5.5-7.4	7.5-12.4	12.5-18.4	18.5-24.4	>=24.5	
N	0.000	0.048	0.476	0.761	0.238	0.000	0.000	0.000	0.000	1.522
NNE	0.000	0.000	0.238	0.999	0.428	0.238	0.000	0.000	0.000	1.903
NE	0.000	0.000	0.428	0.285	0.143	0.238	0.000	0.000	0.000	1.094
ENE	0.000	0.095	0.666	0.523	0.333	0.285	0.000	0.000	0.000	1.903
E	0.000	0.095	0.761	0.999	0.381	0.048	0.000	0.000	0.000	2.284
ESE	0.000	0.238	2.141	1.189	0.761	0.190	0.000	0.000	0.000	4.520
SE	0.000	0.333	1.522	0.381	0.048	0.000	0.000	0.000	0.000	2.284
SSE	0.000	0.190	1.047	0.476	0.000	0.000	0.000	0.000	0.000	1.713
S	0.000	0.285	1.047	0.428	0.095	0.000	0.000	0.000	0.000	1.855
SSW	0.000	0.285	0.476	0.000	0.095	0.000	0.000	0.000	0.000	0.856
SW	0.000	0.190	0.381	0.000	0.048	0.048	0.000	0.000	0.000	0.666
WSW	0.000	0.143	0.714	0.238	0.000	0.048	0.000	0.000	0.000	1.142
W	0.000	0.048	0.618	1.284	0.428	0.190	0.000	0.000	0.000	2.569
WNW	0.000	0.048	0.333	0.095	0.238	0.190	0.000	0.000	0.000	0.904
NW	0.000	0.095	0.381	0.428	0.476	0.048	0.048	0.000	0.000	1.475
NNW	0.000	0.143	0.618	0.618	0.428	0.143	0.000	0.000	0.000	1.951
SUBTOTAL	0.000	2.236	11.846	8.706	4.139	1.665	0.048	0.000	0.000	28.639

TOTAL HOURS OF VALID STABILITY OBSERVATIONS	2107
TOTAL HOURS OF STABILITY CLASS E	602
TOTAL HOURS OF VALID WIND DIRECTION-WIND SPEED-STABILITY CLASS E	602
TOTAL HOURS OF VALID WIND DIRECTION-WIND SPEED-STABILITY OBSERVATIONS	2102
TOTAL HOURS CALM	0

METEOROLOGICAL FACILITY: Browns Ferry Nuclear Plant
 STABILITY BASED ON DELTA-T BETWEEN 10.03 AND 45.30 METERS
 WIND SPEED AND DIRECTION MEASURED AT 10.50 METER LEVEL

DATE PRINTED: 2005/08/25

MEAN WIND SPEED = 3.89

NOTE: TOTALS AND SUBTOTALS ARE OBTAINED FROM UNROUNDED NUMBERS

JOINT PERCENTAGE FREQUENCIES OF WIND SPEED BY WIND DIRECTION FOR

STABILITY CLASS F (1.5< DELTA T<= 4.0 C/100 M)

Browns Ferry Nuclear Plant

APR 1, 2005 - JUN 30, 2005

WIND DIRECTION	WIND SPEED (MPH)									TOTAL
	CALM	0.6-1.4	1.5-3.4	3.5-5.4	5.5-7.4	7.5-12.4	12.5-18.4	18.5-24.4	>=24.5	
N	0.000	0.190	0.999	0.809	0.095	0.000	0.000	0.000	0.000	2.093
NNE	0.000	0.048	0.238	0.666	0.143	0.000	0.000	0.000	0.000	1.094
NE	0.000	0.143	0.523	0.000	0.000	0.000	0.000	0.000	0.000	0.666
ENE	0.000	0.190	0.666	0.238	0.000	0.000	0.000	0.000	0.000	1.094
E	0.000	0.238	0.666	0.238	0.000	0.000	0.000	0.000	0.000	1.142
ESE	0.000	0.333	0.904	0.190	0.143	0.000	0.000	0.000	0.000	1.570
SE	0.000	0.476	1.237	0.000	0.000	0.000	0.000	0.000	0.000	1.713
SSE	0.000	0.095	0.618	0.000	0.000	0.000	0.000	0.000	0.000	0.714
S	0.000	0.333	0.428	0.048	0.095	0.000	0.000	0.000	0.000	0.904
SSW	0.000	0.190	0.048	0.048	0.000	0.000	0.000	0.000	0.000	0.285
SW	0.000	0.285	0.048	0.000	0.000	0.000	0.000	0.000	0.000	0.333
WSW	0.000	0.190	0.143	0.000	0.000	0.000	0.000	0.000	0.000	0.333
W	0.000	0.095	0.048	0.000	0.000	0.000	0.000	0.000	0.000	0.143
WNW	0.000	0.048	0.048	0.000	0.000	0.000	0.000	0.000	0.000	0.095
NW	0.000	0.190	0.285	0.048	0.000	0.000	0.000	0.000	0.000	0.523
NNW	0.000	0.190	0.761	0.238	0.000	0.000	0.000	0.000	0.000	1.189
SUBTOTAL	0.000	3.235	7.659	2.521	0.476	0.000	0.000	0.000	0.000	13.892

TOTAL HOURS OF VALID STABILITY OBSERVATIONS	2107
TOTAL HOURS OF STABILITY CLASS F	292
TOTAL HOURS OF VALID WIND DIRECTION-WIND SPEED-STABILITY CLASS F	292
TOTAL HOURS OF VALID WIND DIRECTION-WIND SPEED-STABILITY OBSERVATIONS	2102
TOTAL HOURS CALM	0

METEOROLOGICAL FACILITY: Browns Ferry Nuclear Plant
 STABILITY BASED ON DELTA-T BETWEEN 10.03 AND 45.30 METERS
 WIND SPEED AND DIRECTION MEASURED AT 10.50 METER LEVEL

DATE PRINTED: 2005/08/25

MEAN WIND SPEED = 2.55

NOTE: TOTALS AND SUBTOTALS ARE OBTAINED FROM UNROUNDED NUMBERS

JOINT PERCENTAGE FREQUENCIES OF WIND SPEED BY WIND DIRECTION FOR
STABILITY CLASS G (DELTA T > 4.0 C/100 M)

Browns Ferry Nuclear Plant

APR 1, 2005 - JUN 30, 2005

WIND DIRECTION	WIND SPEED (MPH)									TOTAL
	CALM	0.6-1.4	1.5-3.4	3.5-5.4	5.5-7.4	7.5-12.4	12.5-18.4	18.5-24.4	>=24.5	
N	0.000	0.523	1.189	0.761	0.000	0.000	0.000	0.000	0.000	2.474
NNE	0.000	0.285	0.333	0.238	0.000	0.000	0.000	0.000	0.000	0.856
NE	0.000	0.190	0.381	0.000	0.000	0.000	0.000	0.000	0.000	0.571
ENE	0.000	0.143	0.618	0.143	0.000	0.000	0.000	0.000	0.000	0.904
E	0.000	0.333	0.523	0.000	0.000	0.000	0.000	0.000	0.000	0.856
ESE	0.000	0.143	0.190	0.000	0.000	0.000	0.000	0.000	0.000	0.333
SE	0.000	0.190	0.143	0.000	0.000	0.000	0.000	0.000	0.000	0.333
SSE	0.000	0.190	0.428	0.048	0.000	0.000	0.000	0.000	0.000	0.666
S	0.000	0.285	0.190	0.000	0.000	0.000	0.000	0.000	0.000	0.476
SSW	0.000	0.048	0.048	0.000	0.000	0.000	0.000	0.000	0.000	0.095
SW	0.000	0.048	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.048
WSW	0.000	0.048	0.095	0.000	0.000	0.000	0.000	0.000	0.000	0.143
W	0.000	0.190	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.190
WNW	0.000	0.190	0.095	0.000	0.000	0.000	0.000	0.000	0.000	0.285
NW	0.000	0.238	0.095	0.000	0.000	0.000	0.000	0.000	0.000	0.333
NNW	0.000	1.189	0.428	0.095	0.000	0.000	0.000	0.000	0.000	1.713
SUBTOTAL	0.000	4.234	4.757	1.284	0.000	0.000	0.000	0.000	0.000	10.276

TOTAL HOURS OF VALID STABILITY OBSERVATIONS	2107
TOTAL HOURS OF STABILITY CLASS G	216
TOTAL HOURS OF VALID WIND DIRECTION-WIND SPEED-STABILITY CLASS G	216
TOTAL HOURS OF VALID WIND DIRECTION-WIND SPEED-STABILITY OBSERVATIONS	2102
TOTAL HOURS CALM	0

METEOROLOGICAL FACILITY: Browns Ferry Nuclear Plant
STABILITY BASED ON DELTA-T BETWEEN 10.03 AND 45.30 METERS
WIND SPEED AND DIRECTION MEASURED AT 10.50 METER LEVEL

DATE PRINTED: 2005/08/25

MEAN WIND SPEED = 2.02

NOTE: TOTALS AND SUBTOTALS ARE OBTAINED FROM UNROUNDED NUMBERS

METEOROLOGICAL DATA TABLES

BROWNS FERRY NUCLEAR PLANT

JANUARY - DECEMBER 2005

TABLE 12

JOINT FREQUENCY DISTRIBUTION IN PERCENT

FOR GROUND LEVEL RELEASES

THIRD QUARTER

JOINT PERCENTAGE FREQUENCIES OF WIND SPEED BY WIND DIRECTION FOR
STABILITY CLASS A (DELTA T<=-1.9 C/100 M)

Browns Ferry Nuclear Plant

JUL 1, 2005 - SEP 30, 2005

WIND DIRECTION	WIND SPEED (MPH)									TOTAL
	CALM	0.6-1.4	1.5-3.4	3.5-5.4	5.5-7.4	7.5-12.4	12.5-18.4	18.5-24.4	>=24.5	
N	0.000	0.000	0.000	0.000	0.000	0.139	0.000	0.000	0.000	0.139
NNE	0.000	0.000	0.000	0.000	0.046	0.325	0.046	0.000	0.000	0.418
NE	0.000	0.000	0.000	0.000	0.000	0.046	0.000	0.000	0.000	0.046
ENE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
E	0.000	0.000	0.000	0.093	0.046	0.000	0.000	0.000	0.000	0.139
ESE	0.000	0.000	0.046	0.418	0.371	0.000	0.000	0.000	0.000	0.835
SE	0.000	0.000	0.418	1.624	0.139	0.000	0.000	0.000	0.000	2.181
SSE	0.000	0.000	0.464	1.346	0.000	0.000	0.000	0.000	0.000	1.810
S	0.000	0.000	0.603	0.882	0.000	0.000	0.000	0.000	0.000	1.485
SSW	0.000	0.000	0.093	0.603	0.000	0.000	0.000	0.000	0.000	0.696
SW	0.000	0.000	0.046	0.186	0.000	0.000	0.000	0.000	0.000	0.232
WSW	0.000	0.000	0.000	0.186	0.000	0.000	0.000	0.000	0.000	0.186
W	0.000	0.000	0.000	0.000	0.046	0.000	0.000	0.000	0.000	0.046
WNW	0.000	0.000	0.000	0.000	0.046	0.093	0.000	0.000	0.000	0.139
NW	0.000	0.000	0.000	0.000	0.000	0.093	0.000	0.000	0.000	0.093
NNW	0.000	0.000	0.000	0.000	0.000	0.046	0.000	0.000	0.000	0.046
SUBTOTAL	0.000	0.000	1.671	5.336	0.696	0.742	0.046	0.000	0.000	8.492

TOTAL HOURS OF VALID STABILITY OBSERVATIONS	2160
TOTAL HOURS OF STABILITY CLASS A	183
TOTAL HOURS OF VALID WIND DIRECTION-WIND SPEED-STABILITY CLASS A	183
TOTAL HOURS OF VALID WIND DIRECTION-WIND SPEED-STABILITY OBSERVATIONS	2155
TOTAL HOURS CALM	0

METEOROLOGICAL FACILITY: Browns Ferry Nuclear Plant
STABILITY BASED ON DELTA-T BETWEEN 10.03 AND 45.30 METERS
WIND SPEED AND DIRECTION MEASURED AT 10.50 METER LEVEL

DATE PRINTED: 2005/12/09

MEAN WIND SPEED = 4.62

NOTE: TOTALS AND SUBTOTALS ARE OBTAINED FROM UNROUNDED NUMBERS

JOINT PERCENTAGE FREQUENCIES OF WIND SPEED BY WIND DIRECTION FOR
 STABILITY CLASS B (-1.9 < DELTA T <= -1.7 C/100 M)

Browns Ferry Nuclear Plant

JUL 1, 2005 - SEP 30, 2005

WIND DIRECTION	WIND SPEED (MPH)									TOTAL
	CALM	0.6-1.4	1.5-3.4	3.5-5.4	5.5-7.4	7.5-12.4	12.5-18.4	18.5-24.4	>=24.5	
N	0.000	0.000	0.000	0.000	0.046	0.139	0.000	0.000	0.000	0.186
NNE	0.000	0.000	0.000	0.000	0.093	0.046	0.000	0.000	0.000	0.139
NE	0.000	0.000	0.000	0.000	0.000	0.093	0.000	0.000	0.000	0.093
ENE	0.000	0.000	0.000	0.000	0.046	0.000	0.000	0.000	0.000	0.046
E	0.000	0.000	0.000	0.093	0.046	0.000	0.000	0.000	0.000	0.139
ESE	0.000	0.000	0.000	0.232	0.046	0.139	0.000	0.000	0.000	0.418
SE	0.000	0.000	0.278	0.603	0.000	0.000	0.000	0.000	0.000	0.882
SSE	0.000	0.000	0.325	0.046	0.000	0.000	0.000	0.000	0.000	0.371
S	0.000	0.000	0.325	0.278	0.000	0.000	0.000	0.000	0.000	0.603
SSW	0.000	0.000	0.464	0.278	0.000	0.000	0.000	0.000	0.000	0.742
SW	0.000	0.000	0.464	0.232	0.000	0.000	0.000	0.000	0.000	0.696
WSW	0.000	0.000	0.093	0.418	0.046	0.000	0.000	0.000	0.000	0.557
W	0.000	0.000	0.000	0.325	0.232	0.000	0.000	0.000	0.000	0.557
WNW	0.000	0.000	0.000	0.046	0.000	0.000	0.000	0.000	0.000	0.046
NW	0.000	0.000	0.000	0.000	0.046	0.093	0.000	0.000	0.000	0.139
NNW	0.000	0.000	0.000	0.000	0.000	0.139	0.000	0.000	0.000	0.139
SUBTOTAL	0.000	0.000	1.949	2.552	0.603	0.650	0.000	0.000	0.000	5.754

TOTAL HOURS OF VALID STABILITY OBSERVATIONS	2160
TOTAL HOURS OF STABILITY CLASS B	124
TOTAL HOURS OF VALID WIND DIRECTION-WIND SPEED-STABILITY CLASS B	124
TOTAL HOURS OF VALID WIND DIRECTION-WIND SPEED-STABILITY OBSERVATIONS	2155
TOTAL HOURS CALM	0

METEOROLOGICAL FACILITY: Browns Ferry Nuclear Plant
 STABILITY BASED ON DELTA-T BETWEEN 10.03 AND 45.30 METERS
 WIND SPEED AND DIRECTION MEASURED AT 10.50 METER LEVEL

DATE PRINTED: 2005/12/09

MEAN WIND SPEED = 4.55

NOTE: TOTALS AND SUBTOTALS ARE OBTAINED FROM UNROUNDED NUMBERS

JOINT PERCENTAGE FREQUENCIES OF WIND SPEED BY WIND DIRECTION FOR

STABILITY CLASS C (-1.7 < DELTA T <= -1.5 C/100 M)

Browns Ferry Nuclear Plant

JUL 1, 2005 - SEP 30, 2005

WIND DIRECTION	WIND SPEED (MPH)									TOTAL
	CALM	0.6-1.4	1.5-3.4	3.5-5.4	5.5-7.4	7.5-12.4	12.5-18.4	18.5-24.4	>=24.5	
N	0.000	0.000	0.000	0.046	0.232	0.139	0.000	0.000	0.000	0.418
NNE	0.000	0.000	0.000	0.139	0.000	0.000	0.000	0.000	0.000	0.139
NE	0.000	0.000	0.000	0.093	0.046	0.139	0.000	0.000	0.000	0.278
ENE	0.000	0.000	0.000	0.186	0.093	0.000	0.000	0.000	0.000	0.278
E	0.000	0.000	0.000	0.186	0.046	0.000	0.000	0.000	0.000	0.232
ESE	0.000	0.000	0.000	0.139	0.093	0.000	0.000	0.000	0.000	0.232
SE	0.000	0.000	0.186	0.186	0.000	0.000	0.000	0.000	0.000	0.371
SSE	0.000	0.000	0.603	0.093	0.046	0.000	0.000	0.000	0.000	0.742
S	0.000	0.000	0.325	0.046	0.000	0.000	0.000	0.000	0.000	0.371
SSW	0.000	0.000	0.650	0.139	0.000	0.000	0.000	0.000	0.000	0.789
SW	0.000	0.000	0.278	0.186	0.000	0.000	0.000	0.000	0.000	0.464
WSW	0.000	0.000	0.278	0.371	0.046	0.000	0.000	0.000	0.000	0.696
W	0.000	0.000	0.093	0.650	0.139	0.046	0.000	0.000	0.000	0.928
WNW	0.000	0.000	0.000	0.093	0.418	0.186	0.000	0.000	0.000	0.696
NW	0.000	0.000	0.046	0.046	0.325	0.232	0.000	0.000	0.000	0.650
NNW	0.000	0.000	0.000	0.000	0.093	0.093	0.000	0.000	0.000	0.186
SUBTOTAL	0.000	0.000	2.459	2.599	1.578	0.835	0.000	0.000	0.000	7.471

TOTAL HOURS OF VALID STABILITY OBSERVATIONS	2160
TOTAL HOURS OF STABILITY CLASS C	163
TOTAL HOURS OF VALID WIND DIRECTION-WIND SPEED-STABILITY CLASS C	161
TOTAL HOURS OF VALID WIND DIRECTION-WIND SPEED-STABILITY OBSERVATIONS	2155
TOTAL HOURS CALM	0

METEOROLOGICAL FACILITY: Browns Ferry Nuclear Plant
 STABILITY BASED ON DELTA-T BETWEEN 10.03 AND 45.30 METERS
 WIND SPEED AND DIRECTION MEASURED AT 10.50 METER LEVEL

DATE PRINTED: 2005/12/09

MEAN WIND SPEED = 4.78

NOTE: TOTALS AND SUBTOTALS ARE OBTAINED FROM UNROUNDED NUMBERS

JOINT PERCENTAGE FREQUENCIES OF WIND SPEED BY WIND DIRECTION FOR

STABILITY CLASS D (-1.5 < DELTA T <= -0.5 C/100 M)

Browns Ferry Nuclear Plant

JUL 1, 2005 - SEP 30, 2005

WIND DIRECTION	WIND SPEED (MPH)									TOTAL
	CALM	0.6-1.4	1.5-3.4	3.5-5.4	5.5-7.4	7.5-12.4	12.5-18.4	18.5-24.4	>=24.5	
N	0.000	0.046	0.696	0.510	0.557	0.186	0.046	0.000	0.000	2.042
NNE	0.000	0.000	0.232	0.325	0.186	0.093	0.000	0.000	0.000	0.835
NE	0.000	0.000	0.232	0.789	0.186	0.139	0.000	0.000	0.000	1.346
ENE	0.000	0.093	0.557	0.835	0.650	0.232	0.278	0.046	0.000	2.691
E	0.000	0.000	0.742	0.928	0.278	0.093	0.046	0.046	0.000	2.135
ESE	0.000	0.046	1.067	0.835	0.510	0.139	0.046	0.000	0.000	2.645
SE	0.000	0.000	1.253	0.418	0.232	0.046	0.000	0.000	0.000	1.949
SSE	0.000	0.000	1.206	0.418	0.093	0.000	0.000	0.000	0.000	1.717
S	0.000	0.186	2.042	0.232	0.000	0.000	0.000	0.000	0.000	2.459
SSW	0.000	0.000	1.995	0.789	0.046	0.000	0.000	0.000	0.000	2.831
SW	0.000	0.093	0.603	0.000	0.046	0.000	0.000	0.000	0.000	0.742
WSW	0.000	0.046	0.974	0.418	0.046	0.000	0.046	0.000	0.000	1.531
W	0.000	0.000	0.650	1.299	0.371	0.278	0.000	0.000	0.000	2.599
WNW	0.000	0.000	0.186	0.557	0.557	0.325	0.000	0.000	0.000	1.624
NW	0.000	0.000	0.093	0.464	0.418	0.278	0.000	0.000	0.000	1.253
NNW	0.000	0.000	0.557	0.418	0.325	0.371	0.000	0.000	0.000	1.671
SUBTOTAL	0.000	0.510	13.086	9.234	4.501	2.181	0.464	0.093	0.000	30.070

TOTAL HOURS OF VALID STABILITY OBSERVATIONS	2160
TOTAL HOURS OF STABILITY CLASS D	649
TOTAL HOURS OF VALID WIND DIRECTION-WIND SPEED-STABILITY CLASS D	648
TOTAL HOURS OF VALID WIND DIRECTION-WIND SPEED-STABILITY OBSERVATIONS	2155
TOTAL HOURS CALM	0

METEOROLOGICAL FACILITY: Browns Ferry Nuclear Plant
 STABILITY BASED ON DELTA-T BETWEEN 10.03 AND 45.30 METERS
 WIND SPEED AND DIRECTION MEASURED AT 10.50 METER LEVEL

DATE PRINTED: 2005/12/09

MEAN WIND SPEED = 4.38

NOTE: TOTALS AND SUBTOTALS ARE OBTAINED FROM UNROUNDED NUMBERS

JOINT PERCENTAGE FREQUENCIES OF WIND SPEED BY WIND DIRECTION FOR

STABILITY CLASS E (-0.5 < DELTA T <= 1.5 C/100 M)

Browns Ferry Nuclear Plant

JUL 1, 2005 - SEP 30, 2005

WIND DIRECTION	WIND SPEED (MPH)									TOTAL
	CALM	0.6-1.4	1.5-3.4	3.5-5.4	5.5-7.4	7.5-12.4	12.5-18.4	18.5-24.4	>=24.5	
N	0.000	0.093	1.299	0.742	0.093	0.000	0.000	0.000	0.000	2.227
NNE	0.000	0.046	0.696	0.789	0.232	0.139	0.000	0.000	0.000	1.903
NE	0.000	0.093	0.742	0.742	0.093	0.278	0.093	0.000	0.000	2.042
ENE	0.000	0.186	1.160	1.067	0.186	0.046	0.093	0.046	0.000	2.784
E	0.000	0.278	1.531	1.995	0.000	0.000	0.000	0.000	0.000	3.805
ESE	0.000	0.186	1.392	0.696	0.278	0.139	0.000	0.000	0.000	2.691
SE	0.000	0.278	0.742	0.000	0.000	0.000	0.000	0.000	0.000	1.021
SSE	0.000	0.232	0.882	0.000	0.000	0.000	0.000	0.000	0.000	1.114
S	0.000	0.139	0.835	0.000	0.000	0.000	0.000	0.000	0.000	0.974
SSW	0.000	0.232	1.067	0.046	0.000	0.000	0.000	0.000	0.000	1.346
SW	0.000	0.232	0.418	0.046	0.000	0.000	0.000	0.000	0.000	0.696
WSW	0.000	0.232	0.510	0.093	0.000	0.000	0.000	0.000	0.000	0.835
W	0.000	0.139	0.696	0.278	0.000	0.000	0.000	0.000	0.000	1.114
WNW	0.000	0.186	0.418	0.093	0.000	0.000	0.000	0.000	0.000	0.696
NW	0.000	0.046	0.186	0.232	0.093	0.046	0.046	0.000	0.000	0.650
NNW	0.000	0.093	0.418	0.557	0.046	0.046	0.000	0.000	0.000	1.160
SUBTOTAL	0.000	2.691	12.993	7.378	1.021	0.696	0.232	0.046	0.000	25.058

TOTAL HOURS OF VALID STABILITY OBSERVATIONS	2160
TOTAL HOURS OF STABILITY CLASS E	541
TOTAL HOURS OF VALID WIND DIRECTION-WIND SPEED-STABILITY CLASS E	540
TOTAL HOURS OF VALID WIND DIRECTION-WIND SPEED-STABILITY OBSERVATIONS	2155
TOTAL HOURS CALM	0

METEOROLOGICAL FACILITY: Browns Ferry Nuclear Plant
 STABILITY BASED ON DELTA-T BETWEEN 10.03 AND 45.30 METERS
 WIND SPEED AND DIRECTION MEASURED AT 10.50 METER LEVEL

DATE PRINTED: 2005/12/09

MEAN WIND SPEED = 3.32

NOTE: TOTALS AND SUBTOTALS ARE OBTAINED FROM UNROUNDED NUMBERS

JOINT PERCENTAGE FREQUENCIES OF WIND SPEED BY WIND DIRECTION FOR

STABILITY CLASS F (1.5< DELTA T<= 4.0 C/100 M)

Browns Ferry Nuclear Plant

JUL 1, 2005 - SEP 30, 2005

WIND DIRECTION	WIND SPEED (MPH)									TOTAL
	CALM	0.6-1.4	1.5-3.4	3.5-5.4	5.5-7.4	7.5-12.4	12.5-18.4	18.5-24.4	>=24.5	
N	0.008	0.186	1.299	0.418	0.000	0.000	0.000	0.000	0.000	1.910
NNE	0.008	0.186	1.346	0.650	0.186	0.093	0.000	0.000	0.000	2.467
NE	0.007	0.186	1.114	0.139	0.000	0.000	0.000	0.000	0.000	1.445
ENE	0.007	0.232	1.114	0.882	0.000	0.000	0.000	0.000	0.000	2.234
E	0.005	0.046	0.835	0.835	0.000	0.000	0.000	0.000	0.000	1.721
ESE	0.002	0.046	0.278	0.093	0.000	0.000	0.000	0.000	0.000	0.419
SE	0.000	0.046	0.046	0.000	0.000	0.000	0.000	0.000	0.000	0.093
SSE	0.000	0.046	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.047
S	0.000	0.000	0.093	0.046	0.000	0.000	0.000	0.000	0.000	0.140
SSW	0.001	0.046	0.093	0.000	0.000	0.000	0.000	0.000	0.000	0.140
SW	0.001	0.139	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.140
WSW	0.000	0.093	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.093
W	0.001	0.139	0.093	0.000	0.000	0.000	0.000	0.000	0.000	0.233
WNW	0.000	0.046	0.046	0.000	0.000	0.000	0.000	0.000	0.000	0.093
NW	0.003	0.093	0.464	0.093	0.000	0.000	0.000	0.000	0.000	0.653
NNW	0.003	0.139	0.510	0.232	0.000	0.000	0.000	0.000	0.000	0.885
SUBTOTAL	0.046	1.671	7.332	3.387	0.186	0.093	0.000	0.000	0.000	12.715

TOTAL HOURS OF VALID STABILITY OBSERVATIONS	2160
TOTAL HOURS OF STABILITY CLASS F	274
TOTAL HOURS OF VALID WIND DIRECTION-WIND SPEED-STABILITY CLASS F	274
TOTAL HOURS OF VALID WIND DIRECTION-WIND SPEED-STABILITY OBSERVATIONS	2155
TOTAL HOURS CALM	1

METEOROLOGICAL FACILITY: Browns Ferry Nuclear Plant
 STABILITY BASED ON DELTA-T BETWEEN 10.03 AND 45.30 METERS
 WIND SPEED AND DIRECTION MEASURED AT 10.50 METER LEVEL

DATE PRINTED: 2005/12/09

MEAN WIND SPEED = 2.76

NOTE: TOTALS AND SUBTOTALS ARE OBTAINED FROM UNROUNDED NUMBERS

JOINT PERCENTAGE FREQUENCIES OF WIND SPEED BY WIND DIRECTION FOR
 STABILITY CLASS G (DELTA T > 4.0 C/100 M)

Browns Ferry Nuclear Plant

JUL 1, 2005 - SEP 30, 2005

WIND DIRECTION	WIND SPEED (MPH)									TOTAL
	CALM	0.6-1.4	1.5-3.4	3.5-5.4	5.5-7.4	7.5-12.4	12.5-18.4	18.5-24.4	>=24.5	
N	0.017	1.253	2.088	1.067	0.000	0.000	0.000	0.000	0.000	4.426
NNE	0.008	0.603	1.021	0.139	0.046	0.000	0.000	0.000	0.000	1.818
NE	0.006	0.325	0.835	0.093	0.000	0.000	0.000	0.000	0.000	1.259
ENE	0.003	0.000	0.510	0.093	0.000	0.000	0.000	0.000	0.000	0.606
E	0.001	0.046	0.232	0.000	0.000	0.000	0.000	0.000	0.000	0.280
ESE	0.000	0.093	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.093
SE	0.000	0.000	0.046	0.000	0.000	0.000	0.000	0.000	0.000	0.047
SSE	0.000	0.046	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.047
S	0.001	0.093	0.046	0.000	0.000	0.000	0.000	0.000	0.000	0.140
SSW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SW	0.000	0.046	0.046	0.000	0.000	0.000	0.000	0.000	0.000	0.093
WSW	0.000	0.046	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.047
W	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
WNW	0.000	0.093	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.093
NW	0.001	0.186	0.046	0.000	0.000	0.000	0.000	0.000	0.000	0.233
NNW	0.006	0.742	0.464	0.046	0.000	0.000	0.000	0.000	0.000	1.259
SUBTOTAL	0.046	3.573	5.336	1.439	0.046	0.000	0.000	0.000	0.000	10.441

TOTAL HOURS OF VALID STABILITY OBSERVATIONS	2160
TOTAL HOURS OF STABILITY CLASS G	226
TOTAL HOURS OF VALID WIND DIRECTION-WIND SPEED-STABILITY CLASS G	225
TOTAL HOURS OF VALID WIND DIRECTION-WIND SPEED-STABILITY OBSERVATIONS	2155
TOTAL HOURS CALM	1

METEOROLOGICAL FACILITY: Browns Ferry Nuclear Plant
 STABILITY BASED ON DELTA-T BETWEEN 10.03 AND 45.30 METERS
 WIND SPEED AND DIRECTION MEASURED AT 10.50 METER LEVEL

DATE PRINTED: 2005/12/09

MEAN WIND SPEED = 2.09

NOTE: TOTALS AND SUBTOTALS ARE OBTAINED FROM UNROUNDED NUMBERS

METEOROLOGICAL DATA TABLES

BROWNS FERRY NUCLEAR PLANT

JANUARY - DECEMBER 2005

TABLE 13

JOINT FREQUENCY DISTRIBUTION IN PERCENT

FOR GROUND LEVEL RELEASES

FOURTH QUARTER

JOINT PERCENTAGE FREQUENCIES OF WIND SPEED BY WIND DIRECTION FOR

STABILITY CLASS A (DELTA T<=-1.9 C/100 M)

Browns Ferry Nuclear Plant

OCT 1, 2005 - DEC 31, 2005

WIND DIRECTION	WIND SPEED (MPH)									TOTAL
	CALM	0.6-1.4	1.5-3.4	3.5-5.4	5.5-7.4	7.5-12.4	12.5-18.4	18.5-24.4	>=24.5	
N	0.000	0.000	0.000	0.000	0.000	0.370	0.000	0.000	0.000	0.370
NNE	0.000	0.000	0.000	0.000	0.046	0.093	0.000	0.000	0.000	0.139
NE	0.000	0.000	0.000	0.046	0.000	0.000	0.000	0.000	0.000	0.046
ENE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
E	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ESE	0.000	0.000	0.000	0.000	0.046	0.000	0.000	0.000	0.000	0.046
SE	0.000	0.000	0.093	0.787	0.139	0.000	0.000	0.000	0.000	1.018
SSE	0.000	0.000	0.185	0.324	0.000	0.000	0.000	0.000	0.000	0.509
S	0.000	0.000	0.787	0.694	0.046	0.000	0.000	0.000	0.000	1.527
SSW	0.000	0.000	0.046	0.463	0.000	0.000	0.000	0.000	0.000	0.509
SW	0.000	0.000	0.000	0.093	0.000	0.000	0.000	0.000	0.000	0.093
WSW	0.000	0.000	0.000	0.093	0.139	0.000	0.000	0.000	0.000	0.231
W	0.000	0.000	0.000	0.000	0.139	0.046	0.000	0.000	0.000	0.185
WNW	0.000	0.000	0.000	0.046	0.000	0.000	0.000	0.000	0.000	0.046
NW	0.000	0.000	0.000	0.000	0.000	0.093	0.185	0.046	0.000	0.324
NNW	0.000	0.000	0.000	0.000	0.000	0.139	0.000	0.000	0.000	0.139
SUBTOTAL	0.000	0.000	1.111	2.545	0.555	0.740	0.185	0.046	0.000	5.183

TOTAL HOURS OF VALID STABILITY OBSERVATIONS	2175
TOTAL HOURS OF STABILITY CLASS A	113
TOTAL HOURS OF VALID WIND DIRECTION-WIND SPEED-STABILITY CLASS A	112
TOTAL HOURS OF VALID WIND DIRECTION-WIND SPEED-STABILITY OBSERVATIONS	2161
TOTAL HOURS CALM	0

METEOROLOGICAL FACILITY: Browns Ferry Nuclear Plant
 STABILITY BASED ON DELTA-T BETWEEN 10.03 AND 45.30 METERS
 WIND SPEED AND DIRECTION MEASURED AT 10.50 METER LEVEL

DATE PRINTED: 2006/02/21

MEAN WIND SPEED = 5.38

NOTE: TOTALS AND SUBTOTALS ARE OBTAINED FROM UNROUNDED NUMBERS

JOINT PERCENTAGE FREQUENCIES OF WIND SPEED BY WIND DIRECTION FOR

STABILITY CLASS B (-1.9 < DELTA T <= -1.7 C/100 M)

Browns Ferry Nuclear Plant

OCT 1, 2005 - DEC 31, 2005

WIND DIRECTION	WIND SPEED (MPH)									TOTAL
	CALM	0.6-1.4	1.5-3.4	3.5-5.4	5.5-7.4	7.5-12.4	12.5-18.4	18.5-24.4	>=24.5	
N	0.000	0.000	0.000	0.000	0.139	0.463	0.000	0.000	0.000	0.602
NNE	0.000	0.000	0.000	0.000	0.093	0.093	0.000	0.000	0.000	0.185
NE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ENE	0.000	0.000	0.000	0.000	0.046	0.000	0.000	0.000	0.000	0.046
E	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ESE	0.000	0.000	0.000	0.046	0.093	0.000	0.000	0.000	0.000	0.139
SE	0.000	0.000	0.000	0.139	0.000	0.000	0.000	0.000	0.000	0.139
SSE	0.000	0.000	0.093	0.046	0.000	0.000	0.000	0.000	0.000	0.139
S	0.000	0.000	0.046	0.139	0.000	0.000	0.000	0.000	0.000	0.185
SSW	0.000	0.000	0.093	0.093	0.000	0.000	0.000	0.000	0.000	0.185
SW	0.000	0.000	0.093	0.139	0.000	0.000	0.000	0.000	0.000	0.231
WSW	0.000	0.000	0.000	0.093	0.139	0.000	0.000	0.000	0.000	0.231
W	0.000	0.000	0.000	0.046	0.046	0.185	0.000	0.000	0.000	0.278
WNW	0.000	0.000	0.046	0.046	0.185	0.185	0.324	0.000	0.000	0.787
NW	0.000	0.000	0.000	0.000	0.000	0.370	0.093	0.000	0.000	0.463
NNW	0.000	0.000	0.000	0.000	0.093	0.185	0.231	0.000	0.000	0.509
SUBTOTAL	0.000	0.000	0.370	0.787	0.833	1.481	0.648	0.000	0.000	4.118

TOTAL HOURS OF VALID STABILITY OBSERVATIONS	2175
TOTAL HOURS OF STABILITY CLASS B	91
TOTAL HOURS OF VALID WIND DIRECTION-WIND SPEED-STABILITY CLASS B	89
TOTAL HOURS OF VALID WIND DIRECTION-WIND SPEED-STABILITY OBSERVATIONS	2161
TOTAL HOURS CALM	0

METEOROLOGICAL FACILITY: Browns Ferry Nuclear Plant
 STABILITY BASED ON DELTA-T BETWEEN 10.03 AND 45.30 METERS
 WIND SPEED AND DIRECTION MEASURED AT 10.50 METER LEVEL

DATE PRINTED: 2006/02/21

MEAN WIND SPEED = 7.94

NOTE: TOTALS AND SUBTOTALS ARE OBTAINED FROM UNROUNDED NUMBERS

JOINT PERCENTAGE FREQUENCIES OF WIND SPEED BY WIND DIRECTION FOR
 STABILITY CLASS C (-1.7 < DELTA T <= -1.5 C/100 M)

Browns Ferry Nuclear Plant

OCT 1, 2005 - DEC 31, 2005

WIND DIRECTION	WIND SPEED (MPH)									TOTAL
	CALM	0.6-1.4	1.5-3.4	3.5-5.4	5.5-7.4	7.5-12.4	12.5-18.4	18.5-24.4	>=24.5	
N	0.000	0.000	0.000	0.000	0.555	0.416	0.000	0.000	0.000	0.972
NNE	0.000	0.000	0.000	0.046	0.093	0.046	0.000	0.000	0.000	0.185
NE	0.000	0.000	0.000	0.046	0.046	0.000	0.000	0.000	0.000	0.093
ENE	0.000	0.000	0.000	0.000	0.000	0.093	0.000	0.000	0.000	0.093
E	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ESE	0.000	0.000	0.000	0.139	0.093	0.000	0.000	0.000	0.000	0.231
SE	0.000	0.000	0.000	0.046	0.093	0.000	0.000	0.000	0.000	0.139
SSE	0.000	0.000	0.231	0.000	0.000	0.000	0.000	0.000	0.000	0.231
S	0.000	0.000	0.185	0.139	0.000	0.000	0.000	0.000	0.000	0.324
SSW	0.000	0.000	0.185	0.185	0.000	0.000	0.000	0.000	0.000	0.370
SW	0.000	0.000	0.046	0.093	0.000	0.000	0.000	0.000	0.000	0.139
WSW	0.000	0.000	0.093	0.139	0.139	0.000	0.000	0.000	0.000	0.370
W	0.000	0.000	0.000	0.046	0.139	0.139	0.000	0.000	0.000	0.324
WNW	0.000	0.000	0.000	0.139	0.185	0.139	0.093	0.000	0.000	0.555
NW	0.000	0.000	0.000	0.046	0.185	0.093	0.324	0.000	0.000	0.648
NNW	0.000	0.000	0.000	0.093	0.000	0.370	0.000	0.000	0.000	0.463
SUBTOTAL	0.000	0.000	0.740	1.157	1.527	1.296	0.416	0.000	0.000	5.137

TOTAL HOURS OF VALID STABILITY OBSERVATIONS 2175
 TOTAL HOURS OF STABILITY CLASS C 111
 TOTAL HOURS OF VALID WIND DIRECTION-WIND SPEED-STABILITY CLASS C 111
 TOTAL HOURS OF VALID WIND DIRECTION-WIND SPEED-STABILITY OBSERVATIONS 2161
 TOTAL HOURS CALM 0

METEOROLOGICAL FACILITY: Browns Ferry Nuclear Plant
 STABILITY BASED ON DELTA-T BETWEEN 10.03 AND 45.30 METERS
 WIND SPEED AND DIRECTION MEASURED AT 10.50 METER LEVEL

DATE PRINTED: 2006/02/21

MEAN WIND SPEED = 6.82

NOTE: TOTALS AND SUBTOTALS ARE OBTAINED FROM UNROUNDED NUMBERS

JOINT PERCENTAGE FREQUENCIES OF WIND SPEED BY WIND DIRECTION FOR

STABILITY CLASS D (-1.5 < DELTA T <= -0.5 C/100 M)

Browns Ferry Nuclear Plant

OCT 1, 2005 - DEC 31, 2005

WIND DIRECTION	WIND SPEED (MPH)									TOTAL
	CALM	0.6-1.4	1.5-3.4	3.5-5.4	5.5-7.4	7.5-12.4	12.5-18.4	18.5-24.4	>=24.5	
N	0.000	0.046	0.370	0.602	0.972	1.018	0.000	0.000	0.000	3.008
NNE	0.000	0.000	0.231	1.249	0.879	0.740	0.000	0.000	0.000	3.100
NE	0.000	0.000	0.139	0.416	0.555	0.509	0.000	0.000	0.000	1.620
ENE	0.000	0.000	0.185	0.231	0.139	0.046	0.000	0.000	0.000	0.602
E	0.000	0.000	0.139	0.324	0.278	0.000	0.000	0.000	0.000	0.740
ESE	0.000	0.000	0.231	0.370	0.278	0.046	0.000	0.000	0.000	0.925
SE	0.000	0.000	0.278	0.509	0.278	0.000	0.000	0.000	0.000	1.064
SSE	0.000	0.000	0.370	0.416	0.000	0.000	0.000	0.000	0.000	0.787
S	0.000	0.046	1.018	0.324	0.046	0.000	0.000	0.000	0.000	1.435
SSW	0.000	0.000	0.463	0.093	0.000	0.000	0.000	0.000	0.000	0.555
SW	0.000	0.000	0.370	0.231	0.000	0.000	0.000	0.000	0.000	0.602
WSW	0.000	0.000	0.370	0.324	0.093	0.093	0.000	0.000	0.000	0.879
W	0.000	0.000	0.324	0.694	0.463	0.555	0.093	0.000	0.000	2.129
WNW	0.000	0.000	0.139	0.416	0.509	0.787	0.879	0.093	0.000	2.823
NW	0.000	0.000	0.139	0.555	0.648	2.684	1.388	0.000	0.000	5.414
NNW	0.000	0.000	0.185	0.509	0.879	1.666	0.093	0.000	0.000	3.332
SUBTOTAL	0.000	0.093	4.951	7.265	6.016	8.144	2.453	0.093	0.000	29.014

TOTAL HOURS OF VALID STABILITY OBSERVATIONS	2175
TOTAL HOURS OF STABILITY CLASS D	627
TOTAL HOURS OF VALID WIND DIRECTION-WIND SPEED-STABILITY CLASS D	627
TOTAL HOURS OF VALID WIND DIRECTION-WIND SPEED-STABILITY OBSERVATIONS	2161
TOTAL HOURS CALM	0

METEOROLOGICAL FACILITY: Browns Ferry Nuclear Plant
 STABILITY BASED ON DELTA-T BETWEEN 10.03 AND 45.30 METERS
 WIND SPEED AND DIRECTION MEASURED AT 10.50 METER LEVEL

DATE PRINTED: 2006/02/21

MEAN WIND SPEED = 6.86

NOTE: TOTALS AND SUBTOTALS ARE OBTAINED FROM UNROUNDED NUMBERS

JOINT PERCENTAGE FREQUENCIES OF WIND SPEED BY WIND DIRECTION FOR

STABILITY CLASS E (-0.5 < DELTA T <= 1.5 C/100 M)

Browns Ferry Nuclear Plant

OCT 1, 2005 - DEC 31, 2005

WIND DIRECTION	WIND SPEED (MPH)									TOTAL
	CALM	0.6-1.4	1.5-3.4	3.5-5.4	5.5-7.4	7.5-12.4	12.5-18.4	18.5-24.4	>=24.5	
N	0.000	0.093	0.509	1.157	0.463	0.093	0.000	0.000	0.000	2.314
NNE	0.000	0.000	0.324	0.833	0.185	0.093	0.000	0.000	0.000	1.435
NE	0.000	0.000	0.046	0.509	0.416	0.000	0.000	0.000	0.000	0.972
ENE	0.000	0.093	0.324	0.416	0.185	0.000	0.000	0.000	0.000	1.018
E	0.000	0.139	0.925	0.555	0.046	0.000	0.000	0.000	0.000	1.666
ESE	0.000	0.046	0.694	1.157	0.509	0.093	0.000	0.000	0.000	2.499
SE	0.000	0.000	0.555	0.648	0.602	0.509	0.000	0.000	0.000	2.314
SSE	0.000	0.046	1.111	0.602	0.000	0.000	0.000	0.000	0.000	1.758
S	0.000	0.093	1.388	0.509	0.648	0.093	0.000	0.000	0.000	2.730
SSW	0.000	0.139	0.833	0.324	0.185	0.093	0.000	0.000	0.000	1.573
SW	0.000	0.000	0.416	0.231	0.046	0.046	0.000	0.000	0.000	0.740
WSW	0.000	0.046	0.787	0.139	0.046	0.000	0.000	0.000	0.000	1.018
W	0.000	0.000	0.416	0.694	0.278	0.046	0.000	0.000	0.000	1.435
WNW	0.000	0.046	0.185	0.185	0.231	0.185	0.000	0.000	0.000	0.833
NW	0.000	0.046	0.602	0.370	0.278	0.555	0.139	0.000	0.000	1.990
NNW	0.000	0.000	0.463	1.064	0.925	0.509	0.000	0.000	0.000	2.962
SUBTOTAL	0.000	0.787	9.579	9.394	5.044	2.314	0.139	0.000	0.000	27.256

TOTAL HOURS OF VALID STABILITY OBSERVATIONS	2175
TOTAL HOURS OF STABILITY CLASS E	594
TOTAL HOURS OF VALID WIND DIRECTION-WIND SPEED-STABILITY CLASS E	589
TOTAL HOURS OF VALID WIND DIRECTION-WIND SPEED-STABILITY OBSERVATIONS	2161
TOTAL HOURS CALM	0

METEOROLOGICAL FACILITY: Browns Ferry Nuclear Plant
 STABILITY BASED ON DELTA-T BETWEEN 10.03 AND 45.30 METERS
 WIND SPEED AND DIRECTION MEASURED AT 10.50 METER LEVEL

DATE PRINTED: 2006/02/21

MEAN WIND SPEED = 4.42

NOTE: TOTALS AND SUBTOTALS ARE OBTAINED FROM UNROUNDED NUMBERS

JOINT PERCENTAGE FREQUENCIES OF WIND SPEED BY WIND DIRECTION FOR

STABILITY CLASS F (1.5 < DELTA T <= 4.0 C/100 M)

Browns Ferry Nuclear Plant

OCT 1, 2005 - DEC 31, 2005

WIND DIRECTION	WIND SPEED (MPH)									TOTAL
	CALM	0.6-1.4	1.5-3.4	3.5-5.4	5.5-7.4	7.5-12.4	12.5-18.4	18.5-24.4	>=24.5	
N	0.000	0.185	0.833	1.435	0.046	0.000	0.000	0.000	0.000	2.499
NNE	0.000	0.093	0.463	0.602	0.185	0.000	0.000	0.000	0.000	1.342
NE	0.000	0.093	0.463	0.370	0.000	0.046	0.000	0.000	0.000	0.972
ENE	0.000	0.046	0.416	0.416	0.046	0.000	0.000	0.000	0.000	0.925
E	0.000	0.139	0.925	0.324	0.000	0.000	0.000	0.000	0.000	1.388
ESE	0.000	0.046	0.879	0.278	0.000	0.000	0.000	0.000	0.000	1.203
SE	0.000	0.278	0.972	0.231	0.093	0.000	0.000	0.000	0.000	1.573
SSE	0.000	0.231	0.972	0.231	0.093	0.000	0.000	0.000	0.000	1.527
S	0.000	0.185	1.018	0.278	0.324	0.509	0.000	0.000	0.000	2.314
SSW	0.000	0.000	0.185	0.000	0.000	0.046	0.000	0.000	0.000	0.231
SW	0.000	0.231	0.185	0.000	0.046	0.000	0.000	0.000	0.000	0.463
WSW	0.000	0.093	0.093	0.000	0.000	0.000	0.000	0.000	0.000	0.185
W	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
WNW	0.000	0.139	0.093	0.046	0.000	0.000	0.000	0.000	0.000	0.278
NW	0.000	0.046	0.231	0.093	0.000	0.000	0.000	0.000	0.000	0.370
NNW	0.000	0.185	0.602	0.833	0.046	0.000	0.000	0.000	0.000	1.666
SUBTOTAL	0.000	1.990	8.329	5.137	0.879	0.602	0.000	0.000	0.000	16.937

TOTAL HOURS OF VALID STABILITY OBSERVATIONS	2175
TOTAL HOURS OF STABILITY CLASS F	371
TOTAL HOURS OF VALID WIND DIRECTION-WIND SPEED-STABILITY CLASS F	366
TOTAL HOURS OF VALID WIND DIRECTION-WIND SPEED-STABILITY OBSERVATIONS	2161
TOTAL HOURS CALM	0

METEOROLOGICAL FACILITY: Browns Ferry Nuclear Plant
 STABILITY BASED ON DELTA-T BETWEEN 10.03 AND 45.30 METERS
 WIND SPEED AND DIRECTION MEASURED AT 10.50 METER LEVEL

DATE PRINTED: 2006/02/21

MEAN WIND SPEED = 3.27

NOTE: TOTALS AND SUBTOTALS ARE OBTAINED FROM UNROUNDED NUMBERS

JOINT PERCENTAGE FREQUENCIES OF WIND SPEED BY WIND DIRECTION FOR

STABILITY CLASS G (DELTA T > 4.0 C/100 M)

Browns Ferry Nuclear Plant

OCT 1, 2005 - DEC 31, 2005

WIND DIRECTION	WIND SPEED (MPH)									TOTAL
	CALM	0.6-1.4	1.5-3.4	3.5-5.4	5.5-7.4	7.5-12.4	12.5-18.4	18.5-24.4	>=24.5	
N	0.000	0.740	1.111	1.620	0.000	0.000	0.000	0.000	0.000	3.471
NNE	0.000	0.416	0.602	0.694	0.046	0.000	0.000	0.000	0.000	1.758
NE	0.000	0.231	0.602	0.046	0.000	0.000	0.000	0.000	0.000	0.879
ENE	0.000	0.278	0.879	0.185	0.000	0.000	0.000	0.000	0.000	1.342
E	0.000	0.000	0.463	0.093	0.000	0.000	0.000	0.000	0.000	0.555
ESE	0.000	0.278	0.463	0.000	0.000	0.000	0.000	0.000	0.000	0.740
SE	0.000	0.278	0.185	0.093	0.000	0.000	0.000	0.000	0.000	0.555
SSE	0.000	0.093	0.416	0.046	0.000	0.000	0.000	0.000	0.000	0.555
S	0.000	0.093	0.093	0.231	0.139	0.000	0.000	0.000	0.000	0.555
SSW	0.000	0.046	0.046	0.000	0.000	0.000	0.000	0.000	0.000	0.093
SW	0.000	0.139	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.139
WSW	0.000	0.046	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.046
W	0.000	0.046	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.046
WNW	0.000	0.046	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.046
NW	0.000	0.185	0.139	0.000	0.000	0.000	0.000	0.000	0.000	0.324
NNW	0.000	0.278	0.648	0.324	0.000	0.000	0.000	0.000	0.000	1.249
SUBTOTAL	0.000	3.193	5.646	3.332	0.185	0.000	0.000	0.000	0.000	12.355

TOTAL HOURS OF VALID STABILITY OBSERVATIONS	2175
TOTAL HOURS OF STABILITY CLASS G	268
TOTAL HOURS OF VALID WIND DIRECTION-WIND SPEED-STABILITY CLASS G	267
TOTAL HOURS OF VALID WIND DIRECTION-WIND SPEED-STABILITY OBSERVATIONS	2161
TOTAL HOURS CALM	0

METEOROLOGICAL FACILITY: Browns Ferry Nuclear Plant
 STABILITY BASED ON DELTA-T BETWEEN 10.03 AND 45.30 METERS
 WIND SPEED AND DIRECTION MEASURED AT 10.50 METER LEVEL

DATE PRINTED: 2006/02/21

MEAN WIND SPEED = 2.53

NOTE: TOTALS AND SUBTOTALS ARE OBTAINED FROM UNROUNDED NUMBERS

METEOROLOGICAL DATA TABLES
BROWNS FERRY NUCLEAR PLANT
JANUARY - DECEMBER 2005

TABLE 14
JOINT FREQUENCY DISTRIBUTION IN PERCENT
FOR SPLIT LEVEL RELEASES
(GROUND LEVEL PORTION)
FIRST QUARTER

SPLIT JOINT PERCENTAGE FREQUENCIES OF WIND SPEED BY WIND DIRECTION FOR

STABILITY CLASS A (DELTA T<=-1.9 C/100 M)

Browns Ferry Nuclear Plant

PART 1 OF 2 GROUND LEVEL RELEASE MODE

JAN 1, 2005 - MAR 31, 2005

WIND DIRECTION	WIND SPEED (MPH)									TOTAL
	CALM	0.6-1.4	1.5-3.4	3.5-5.4	5.5-7.4	7.5-12.4	12.5-18.4	18.5-24.4	>=24.5	
N	0.000	0.000	0.000	0.000	0.000	0.152	0.010	0.000	0.000	0.162
NNE	0.000	0.000	0.000	0.000	0.005	0.064	0.000	0.000	0.000	0.068
NE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ENE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
E	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ESE	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.003
SE	0.000	0.000	0.000	0.019	0.000	0.037	0.000	0.000	0.000	0.056
SSE	0.000	0.000	0.003	0.011	0.000	0.000	0.000	0.000	0.000	0.014
S	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.003
SSW	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.001
SW	0.000	0.000	0.000	0.008	0.021	0.000	0.000	0.000	0.000	0.029
WSW	0.000	0.000	0.000	0.000	0.017	0.000	0.000	0.000	0.000	0.017
W	0.000	0.000	0.000	0.000	0.011	0.000	0.000	0.000	0.000	0.011
WNW	0.000	0.000	0.000	0.000	0.005	0.000	0.049	0.000	0.000	0.054
NW	0.000	0.000	0.000	0.000	0.000	0.000	0.024	0.000	0.000	0.024
NNW	0.000	0.000	0.000	0.000	0.000	0.016	0.024	0.000	0.000	0.039
SUBTOTAL	0.000	0.000	0.003	0.045	0.059	0.268	0.107	0.000	0.000	0.482

TOTAL HOURS OF VALID OBSERVATIONS 2110.000
 TOTAL HOURS OF GROUND LEVEL RELEASE 274.580
 TOTAL HOURS OF STABILITY CLASS A 10.180
 TOTAL HOURS OF GROUND LEVEL STABILITY CLASS A 10.180

METEOROLOGICAL FACILITY: Browns Ferry Nuclear Plant
 STABILITY BASED ON DELTA-T BETWEEN 10.03 AND 45.30 METERS
 WIND DIRECTION MEASURED AT 10.50 METER LEVEL
 WIND SPEED MEASURED AT 10.50 METER LEVEL
 EFFLUENT VELOCITY = 12.60 M/S

DATE PRINTED: 2005/06/06

NOTE: TOTALS AND SUBTOTALS ARE OBTAINED FROM UNROUNDED NUMBERS

SPLIT JOINT PERCENTAGE FREQUENCIES OF WIND SPEED BY WIND DIRECTION FOR

STABILITY CLASS B (-1.9 < DELTA T <= -1.7 C/100 M)

Browns Ferry Nuclear Plant

PART 1 OF 2 GROUND LEVEL RELEASE MODE

JAN 1, 2005 - MAR 31, 2005

WIND DIRECTION	WIND SPEED (MPH)									TOTAL
	CALM	0.6-1.4	1.5-3.4	3.5-5.4	5.5-7.4	7.5-12.4	12.5-18.4	18.5-24.4	>=24.5	
N	0.000	0.000	0.000	0.000	0.000	0.014	0.029	0.000	0.000	0.043
NNE	0.000	0.000	0.000	0.000	0.002	0.016	0.000	0.000	0.000	0.018
NE	0.000	0.000	0.000	0.000	0.005	0.009	0.009	0.000	0.000	0.022
ENE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
E	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ESE	0.000	0.000	0.000	0.000	0.000	0.024	0.000	0.000	0.000	0.024
SE	0.000	0.000	0.000	0.016	0.000	0.041	0.000	0.000	0.000	0.056
SSE	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.003
S	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.009
SSW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SW	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.006
WSW	0.000	0.000	0.000	0.003	0.012	0.009	0.000	0.000	0.000	0.024
W	0.000	0.000	0.000	0.000	0.008	0.016	0.000	0.000	0.000	0.023
WNW	0.000	0.000	0.000	0.000	0.000	0.025	0.060	0.123	0.000	0.208
NW	0.000	0.000	0.000	0.000	0.000	0.021	0.065	0.036	0.000	0.122
NNW	0.000	0.000	0.000	0.000	0.000	0.009	0.022	0.000	0.000	0.030
SUBTOTAL	0.000	0.000	0.001	0.020	0.041	0.182	0.185	0.158	0.000	0.589

TOTAL HOURS OF VALID OBSERVATIONS 2110.000
 TOTAL HOURS OF GROUND LEVEL RELEASE 274.580
 TOTAL HOURS OF STABILITY CLASS B 12.420
 TOTAL HOURS OF GROUND LEVEL STABILITY CLASS B 12.420

METEOROLOGICAL FACILITY: Browns Ferry Nuclear Plant
 STABILITY BASED ON DELTA-T BETWEEN 10.03 AND 45.30 METERS
 WIND DIRECTION MEASURED AT 10.50 METER LEVEL
 WIND SPEED MEASURED AT 10.50 METER LEVEL
 EFFLUENT VELOCITY = 12.60 M/S

DATE PRINTED: 2005/06/06

NOTE: TOTALS AND SUBTOTALS ARE OBTAINED FROM UNROUNDED NUMBERS

SPLIT JOINT PERCENTAGE FREQUENCIES OF WIND SPEED BY WIND DIRECTION FOR

STABILITY CLASS C (-1.7 < DELTA T <= -1.5 C/100 M)

Browns Ferry Nuclear Plant

PART 1 OF 2 GROUND LEVEL RELEASE MODE

JAN 1, 2005 - MAR 31, 2005

WIND DIRECTION	WIND SPEED (MPH)									TOTAL
	CALM	0.6-1.4	1.5-3.4	3.5-5.4	5.5-7.4	7.5-12.4	12.5-18.4	18.5-24.4	>=24.5	
N	0.000	0.000	0.000	0.002	0.002	0.038	0.029	0.000	0.000	0.071
NNE	0.000	0.000	0.000	0.000	0.014	0.000	0.000	0.000	0.000	0.014
NE	0.000	0.000	0.000	0.000	0.012	0.014	0.009	0.000	0.000	0.035
ENE	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.003
E	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ESE	0.000	0.000	0.000	0.009	0.006	0.000	0.000	0.000	0.000	0.015
SE	0.000	0.000	0.000	0.009	0.000	0.028	0.000	0.000	0.000	0.036
SSE	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.004
S	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SSW	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.008
SW	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.006
WSW	0.000	0.000	0.000	0.002	0.007	0.008	0.000	0.000	0.000	0.017
W	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.005
WNW	0.000	0.000	0.000	0.000	0.002	0.027	0.009	0.147	0.000	0.186
NW	0.000	0.000	0.000	0.000	0.000	0.051	0.071	0.000	0.000	0.122
NNW	0.000	0.000	0.000	0.000	0.000	0.018	0.020	0.000	0.000	0.038
SUBTOTAL	0.000	0.000	0.000	0.038	0.051	0.185	0.138	0.147	0.000	0.559

TOTAL HOURS OF VALID OBSERVATIONS 2110.000
 TOTAL HOURS OF GROUND LEVEL RELEASE 274.580
 TOTAL HOURS OF STABILITY CLASS C 19.120
 TOTAL HOURS OF GROUND LEVEL STABILITY CLASS C 11.790

METEOROLOGICAL FACILITY: Browns Ferry Nuclear Plant
 STABILITY BASED ON DELTA-T BETWEEN 10.03 AND 45.30 METERS
 WIND DIRECTION MEASURED AT 10.50 METER LEVEL
 WIND SPEED MEASURED AT 10.50 METER LEVEL
 EFFLUENT VELOCITY = 12.60 M/S

DATE PRINTED: 2005/06/06

NOTE: TOTALS AND SUBTOTALS ARE OBTAINED FROM UNROUNDED NUMBERS

SPLIT JOINT PERCENTAGE FREQUENCIES OF WIND SPEED BY WIND DIRECTION FOR

STABILITY CLASS D (-1.5 < DELTA T <= -0.5 C/100 M)

Browns Ferry Nuclear Plant

PART 1 OF 2 GROUND LEVEL RELEASE MODE

JAN 1, 2005 - MAR 31, 2005

WIND DIRECTION	WIND SPEED (MPH)									TOTAL
	CALM	0.6-1.4	1.5-3.4	3.5-5.4	5.5-7.4	7.5-12.4	12.5-18.4	18.5-24.4	>=24.5	
N	0.000	0.000	0.001	0.066	0.105	0.302	0.014	0.000	0.000	0.489
NNE	0.000	0.000	0.000	0.036	0.086	0.413	0.019	0.000	0.000	0.555
NE	0.000	0.000	0.000	0.024	0.065	0.196	0.028	0.000	0.000	0.313
ENE	0.000	0.000	0.001	0.012	0.033	0.000	0.000	0.000	0.000	0.046
E	0.000	0.000	0.001	0.052	0.030	0.000	0.000	0.000	0.000	0.083
ESE	0.000	0.000	0.001	0.039	0.099	0.221	0.000	0.000	0.000	0.361
SE	0.000	0.000	0.020	0.073	0.050	0.116	0.000	0.000	0.000	0.259
SSE	0.000	0.000	0.031	0.085	0.009	0.000	0.000	0.000	0.000	0.125
S	0.000	0.000	0.013	0.096	0.069	0.000	0.000	0.000	0.000	0.178
SSW	0.000	0.000	0.010	0.019	0.000	0.000	0.000	0.000	0.000	0.030
SW	0.000	0.000	0.005	0.010	0.033	0.009	0.000	0.000	0.000	0.057
WSW	0.000	0.000	0.000	0.011	0.035	0.055	0.000	0.000	0.000	0.102
W	0.000	0.000	0.000	0.013	0.085	0.156	0.033	0.000	0.000	0.288
WNW	0.000	0.000	0.000	0.000	0.020	0.231	0.456	0.100	0.000	0.808
NW	0.000	0.000	0.000	0.009	0.061	0.245	0.410	0.171	0.095	0.991
NNW	0.000	0.000	0.000	0.017	0.099	0.143	0.236	0.042	0.000	0.537
SUBTOTAL	0.000	0.000	0.084	0.564	0.879	2.088	1.198	0.314	0.095	5.221

TOTAL HOURS OF VALID OBSERVATIONS 2110.000
 TOTAL HOURS OF GROUND LEVEL RELEASE 274.580
 TOTAL HOURS OF STABILITY CLASS D 1177.580
 TOTAL HOURS OF GROUND LEVEL STABILITY CLASS D 110.170

METEOROLOGICAL FACILITY: Browns Ferry Nuclear Plant
 STABILITY BASED ON DELTA-T BETWEEN 10.03 AND 45.30 METERS
 WIND DIRECTION MEASURED AT 10.50 METER LEVEL
 WIND SPEED MEASURED AT 10.50 METER LEVEL
 EFFLUENT VELOCITY = 12.60 M/S

DATE PRINTED: 2005/06/06

NOTE: TOTALS AND SUBTOTALS ARE OBTAINED FROM UNROUNDED NUMBERS

SPLIT JOINT PERCENTAGE FREQUENCIES OF WIND SPEED BY WIND DIRECTION FOR
 STABILITY CLASS E (-0.5 < DELTA T <= 1.5 C/100 M)

Browns Ferry Nuclear Plant

PART 1 OF 2 GROUND LEVEL RELEASE MODE

JAN 1, 2005 - MAR 31, 2005

WIND DIRECTION	WIND SPEED (MPH)									TOTAL
	CALM	0.6-1.4	1.5-3.4	3.5-5.4	5.5-7.4	7.5-12.4	12.5-18.4	18.5-24.4	>=24.5	
N	0.000	0.000	0.013	0.075	0.053	0.045	0.045	0.000	0.000	0.232
NNE	0.000	0.000	0.016	0.047	0.051	0.026	0.000	0.000	0.000	0.140
NE	0.000	0.000	0.000	0.019	0.036	0.043	0.009	0.000	0.000	0.109
ENE	0.000	0.000	0.001	0.029	0.014	0.008	0.000	0.000	0.000	0.053
E	0.000	0.000	0.019	0.133	0.028	0.000	0.000	0.000	0.000	0.180
ESE	0.000	0.000	0.016	0.187	0.034	0.009	0.000	0.000	0.000	0.246
SE	0.000	0.000	0.066	0.188	0.064	0.000	0.000	0.000	0.000	0.319
SSE	0.000	0.002	0.166	0.218	0.025	0.000	0.000	0.000	0.000	0.411
S	0.000	0.001	0.072	0.229	0.069	0.119	0.000	0.000	0.000	0.490
SSW	0.000	0.000	0.065	0.074	0.036	0.000	0.000	0.000	0.000	0.174
SW	0.000	0.000	0.030	0.024	0.027	0.000	0.000	0.000	0.000	0.082
WSW	0.000	0.000	0.024	0.070	0.031	0.050	0.000	0.000	0.000	0.175
W	0.000	0.000	0.009	0.037	0.036	0.039	0.000	0.000	0.000	0.121
WNW	0.000	0.000	0.003	0.010	0.022	0.026	0.009	0.000	0.000	0.071
NW	0.000	0.000	0.003	0.028	0.030	0.034	0.000	0.000	0.000	0.096
NNW	0.000	0.000	0.012	0.032	0.072	0.093	0.000	0.000	0.000	0.209
SUBTOTAL	0.000	0.003	0.515	1.401	0.630	0.492	0.064	0.000	0.000	3.107

TOTAL HOURS OF VALID OBSERVATIONS 2110.000
 TOTAL HOURS OF GROUND LEVEL RELEASE 274.580
 TOTAL HOURS OF STABILITY CLASS E 722.900
 TOTAL HOURS OF GROUND LEVEL STABILITY CLASS E 65.550

METEOROLOGICAL FACILITY: Browns Ferry Nuclear Plant
 STABILITY BASED ON DELTA-T BETWEEN 10.03 AND 45.30 METERS
 WIND DIRECTION MEASURED AT 10.50 METER LEVEL
 WIND SPEED MEASURED AT 10.50 METER LEVEL
 EFFLUENT VELOCITY = 12.60 M/S

DATE PRINTED: 2005/06/06

NOTE: TOTALS AND SUBTOTALS ARE OBTAINED FROM UNROUNDED NUMBERS

SPLIT JOINT PERCENTAGE FREQUENCIES OF WIND SPEED BY WIND DIRECTION FOR

STABILITY CLASS F (1.5< DELTA T<= 4.0 C/100 M)

Browns Ferry Nuclear Plant

PART 1 OF 2 GROUND LEVEL RELEASE MODE

JAN 1, 2005 - MAR 31, 2005

WIND DIRECTION	WIND SPEED (MPH)									TOTAL
	CALM	0.6-1.4	1.5-3.4	3.5-5.4	5.5-7.4	7.5-12.4	12.5-18.4	18.5-24.4	>=24.5	
N	0.000	0.000	0.022	0.052	0.009	0.000	0.000	0.000	0.000	0.083
NNE	0.000	0.000	0.015	0.068	0.024	0.009	0.000	0.000	0.000	0.115
NE	0.000	0.001	0.007	0.011	0.008	0.009	0.000	0.000	0.000	0.036
ENE	0.000	0.000	0.012	0.012	0.008	0.000	0.000	0.000	0.000	0.032
E	0.000	0.000	0.017	0.015	0.000	0.000	0.000	0.000	0.000	0.032
ESE	0.000	0.007	0.040	0.049	0.000	0.000	0.000	0.000	0.000	0.096
SE	0.000	0.010	0.161	0.136	0.047	0.000	0.000	0.000	0.000	0.355
SSE	0.000	0.001	0.282	0.208	0.173	0.043	0.000	0.000	0.000	0.708
S	0.000	0.000	0.055	0.192	0.154	0.117	0.000	0.000	0.000	0.517
SSW	0.000	0.000	0.023	0.043	0.000	0.046	0.000	0.000	0.000	0.111
SW	0.000	0.000	0.004	0.015	0.019	0.000	0.000	0.000	0.000	0.039
WSW	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.003
W	0.000	0.000	0.021	0.000	0.000	0.000	0.000	0.000	0.000	0.021
WNW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NW	0.000	0.000	0.011	0.000	0.000	0.000	0.000	0.000	0.000	0.011
NNW	0.000	0.000	0.000	0.073	0.016	0.000	0.000	0.000	0.000	0.089
SUBTOTAL	0.000	0.019	0.674	0.875	0.458	0.223	0.000	0.000	0.000	2.249

TOTAL HOURS OF VALID OBSERVATIONS 2110.000
 TOTAL HOURS OF GROUND LEVEL RELEASE 274.580
 TOTAL HOURS OF STABILITY CLASS F 133.740
 TOTAL HOURS OF GROUND LEVEL STABILITY CLASS F 47.460

METEOROLOGICAL FACILITY: Browns Ferry Nuclear Plant
 STABILITY BASED ON DELTA-T BETWEEN 10.03 AND 45.30 METERS
 WIND DIRECTION MEASURED AT 10.50 METER LEVEL
 WIND SPEED MEASURED AT 10.50 METER LEVEL
 EFFLUENT VELOCITY = 12.60 M/S

DATE PRINTED: 2005/06/06

NOTE: TOTALS AND SUBTOTALS ARE OBTAINED FROM UNROUNDED NUMBERS

SPLIT JOINT PERCENTAGE FREQUENCIES OF WIND SPEED BY WIND DIRECTION FOR
STABILITY CLASS G (DELTA T > 4.0 C/100 M)

Browns Ferry Nuclear Plant

PART 1 OF 2 GROUND LEVEL RELEASE MODE

JAN 1, 2005 - MAR 31, 2005

WIND DIRECTION	WIND SPEED (MPH)									TOTAL
	CALM	0.6-1.4	1.5-3.4	3.5-5.4	5.5-7.4	7.5-12.4	12.5-18.4	18.5-24.4	>=24.5	
N	0.000	0.000	0.004	0.021	0.000	0.000	0.000	0.000	0.000	0.025
NNE	0.000	0.000	0.006	0.002	0.000	0.000	0.000	0.000	0.000	0.008
NE	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	0.004
ENE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
E	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	0.005
ESE	0.000	0.000	0.012	0.000	0.000	0.000	0.000	0.000	0.000	0.012
SE	0.000	0.018	0.092	0.064	0.000	0.000	0.000	0.000	0.000	0.174
SSE	0.000	0.016	0.273	0.150	0.010	0.000	0.000	0.000	0.000	0.448
S	0.000	0.000	0.035	0.026	0.010	0.000	0.000	0.000	0.000	0.071
SSW	0.000	0.000	0.008	0.009	0.000	0.000	0.000	0.000	0.000	0.017
SW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
WSW	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.004
W	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
WNW	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	0.005
NW	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	0.005
NNW	0.000	0.003	0.007	0.008	0.009	0.000	0.000	0.000	0.000	0.027
SUBTOTAL	0.000	0.041	0.458	0.279	0.028	0.000	0.000	0.000	0.000	0.806

TOTAL HOURS OF VALID OBSERVATIONS 2110.000
TOTAL HOURS OF GROUND LEVEL RELEASE 274.580
TOTAL HOURS OF STABILITY CLASS G 34.060
TOTAL HOURS OF GROUND LEVEL STABILITY CLASS G 17.010

METEOROLOGICAL FACILITY: Browns Ferry Nuclear Plant
STABILITY BASED ON DELTA-T BETWEEN 10.03 AND 45.30 METERS
WIND DIRECTION MEASURED AT 10.50 METER LEVEL
WIND SPEED MEASURED AT 10.50 METER LEVEL
EFFLUENT VELOCITY = 12.60 M/S

DATE PRINTED: 2005/06/06

NOTE: TOTALS AND SUBTOTALS ARE OBTAINED FROM UNROUNDED NUMBERS

METEOROLOGICAL DATA TABLES

BROWNS FERRY NUCLEAR PLANT

JANUARY - DECEMBER 2005

TABLE 15

JOINT FREQUENCY DISTRIBUTION IN PERCENT

FOR SPLIT LEVEL RELEASES

(GROUND LEVEL PORTION)

SECOND QUARTER

SPLIT JOINT PERCENTAGE FREQUENCIES OF WIND SPEED BY WIND DIRECTION FOR
STABILITY CLASS A (DELTA T<=-1.9 C/100 M)

Browns Ferry Nuclear Plant

PART 1 OF 2 GROUND LEVEL RELEASE MODE

APR 1, 2005 - JUN 30, 2005

WIND DIRECTION	WIND SPEED (MPH)									TOTAL
	CALM	0.6-1.4	1.5-3.4	3.5-5.4	5.5-7.4	7.5-12.4	12.5-18.4	18.5-24.4	>=24.5	
N	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NNE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ENE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
E	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ESE	0.000	0.000	0.003	0.015	0.000	0.000	0.000	0.000	0.000	0.017
SE	0.000	0.000	0.010	0.119	0.000	0.000	0.000	0.000	0.000	0.129
SSE	0.000	0.000	0.009	0.066	0.000	0.000	0.000	0.000	0.000	0.076
S	0.000	0.000	0.015	0.037	0.000	0.000	0.000	0.000	0.000	0.052
SSW	0.000	0.000	0.005	0.039	0.000	0.000	0.000	0.000	0.000	0.044
SW	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.003
WSW	0.000	0.000	0.000	0.005	0.001	0.000	0.000	0.000	0.000	0.007
W	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.005
WNW	0.000	0.000	0.000	0.000	0.003	0.000	0.074	0.000	0.000	0.078
NW	0.000	0.000	0.000	0.000	0.003	0.040	0.067	0.076	0.000	0.187
NNW	0.000	0.000	0.000	0.000	0.002	0.063	0.019	0.000	0.000	0.084
SUBTOTAL	0.000	0.000	0.042	0.289	0.010	0.103	0.161	0.076	0.000	0.681

TOTAL HOURS OF VALID OBSERVATIONS 2122.000
TOTAL HOURS OF GROUND LEVEL RELEASE 193.620
TOTAL HOURS OF STABILITY CLASS A 17.460
TOTAL HOURS OF GROUND LEVEL STABILITY CLASS A 14.460

METEOROLOGICAL FACILITY: Browns Ferry Nuclear Plant
STABILITY BASED ON DELTA-T BETWEEN 10.03 AND 45.30 METERS
WIND DIRECTION MEASURED AT 10.50 METER LEVEL
WIND SPEED MEASURED AT 10.50 METER LEVEL
EFFLUENT VELOCITY = 12.60 M/S

DATE PRINTED: 2005/08/25

NOTE: TOTALS AND SUBTOTALS ARE OBTAINED FROM UNROUNDED NUMBERS

SPLIT JOINT PERCENTAGE FREQUENCIES OF WIND SPEED BY WIND DIRECTION FOR

STABILITY CLASS B (-1.9 < DELTA T <= -1.7 C/100 M)

Browns Ferry Nuclear Plant

PART 1 OF 2 GROUND LEVEL RELEASE MODE

APR 1, 2005 - JUN 30, 2005

WIND DIRECTION	WIND SPEED (MPH)									TOTAL
	CALM	0.6-1.4	1.5-3.4	3.5-5.4	5.5-7.4	7.5-12.4	12.5-18.4	18.5-24.4	>=24.5	
N	0.000	0.000	0.000	0.001	0.005	0.008	0.000	0.000	0.000	0.014
NNE	0.000	0.000	0.000	0.000	0.000	0.015	0.000	0.000	0.000	0.015
NE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ENE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
E	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.010
ESE	0.000	0.000	0.000	0.010	0.021	0.000	0.000	0.000	0.000	0.031
SE	0.000	0.000	0.000	0.017	0.000	0.000	0.000	0.000	0.000	0.017
SSE	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.001
S	0.000	0.000	0.007	0.006	0.000	0.000	0.000	0.000	0.000	0.013
SSW	0.000	0.000	0.000	0.016	0.000	0.000	0.000	0.000	0.000	0.016
SW	0.000	0.000	0.000	0.003	0.008	0.000	0.000	0.000	0.000	0.012
WSW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
W	0.000	0.000	0.000	0.004	0.008	0.010	0.000	0.000	0.000	0.023
WNW	0.000	0.000	0.000	0.000	0.000	0.026	0.042	0.000	0.000	0.068
NW	0.000	0.000	0.000	0.000	0.000	0.032	0.098	0.139	0.000	0.268
NNW	0.000	0.000	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.009
SUBTOTAL	0.000	0.000	0.007	0.058	0.053	0.091	0.149	0.139	0.000	0.497

TOTAL HOURS OF VALID OBSERVATIONS 2122.000
 TOTAL HOURS OF GROUND LEVEL RELEASE 193.620
 TOTAL HOURS OF STABILITY CLASS B 14.490
 TOTAL HOURS OF GROUND LEVEL STABILITY CLASS B 10.550

METEOROLOGICAL FACILITY: Browns Ferry Nuclear Plant
 STABILITY BASED ON DELTA-T BETWEEN 10.03 AND 45.30 METERS
 WIND DIRECTION MEASURED AT 10.50 METER LEVEL
 WIND SPEED MEASURED AT 10.50 METER LEVEL
 EFFLUENT VELOCITY = 12.60 M/S

DATE PRINTED: 2005/08/25

NOTE: TOTALS AND SUBTOTALS ARE OBTAINED FROM UNROUNDED NUMBERS

SPLIT JOINT PERCENTAGE FREQUENCIES OF WIND SPEED BY WIND DIRECTION FOR

STABILITY CLASS C (-1.7 < DELTA T <= -1.5 C/100 M)

Browns Ferry Nuclear Plant

PART 1 OF 2 GROUND LEVEL RELEASE MODE

APR 1, 2005 - JUN 30, 2005

WIND DIRECTION	WIND SPEED (MPH)									TOTAL
	CALM	0.6-1.4	1.5-3.4	3.5-5.4	5.5-7.4	7.5-12.4	12.5-18.4	18.5-24.4	>=24.5	
N	0.000	0.000	0.000	0.000	0.005	0.021	0.000	0.000	0.000	0.025
NNE	0.000	0.000	0.000	0.000	0.004	0.047	0.000	0.000	0.000	0.050
NE	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.001
ENE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
E	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ESE	0.000	0.000	0.008	0.011	0.000	0.000	0.000	0.000	0.000	0.019
SE	0.000	0.000	0.000	0.020	0.010	0.000	0.000	0.000	0.000	0.031
SSE	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	0.007
S	0.000	0.000	0.000	0.011	0.000	0.000	0.000	0.000	0.000	0.011
SSW	0.000	0.000	0.000	0.024	0.000	0.000	0.000	0.000	0.000	0.024
SW	0.000	0.000	0.000	0.008	0.008	0.000	0.000	0.000	0.000	0.016
WSW	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.005
W	0.000	0.000	0.000	0.006	0.012	0.015	0.000	0.000	0.000	0.033
WNW	0.000	0.000	0.000	0.000	0.010	0.035	0.019	0.000	0.000	0.064
NW	0.000	0.000	0.000	0.000	0.013	0.076	0.032	0.000	0.000	0.122
NNW	0.000	0.000	0.000	0.000	0.000	0.031	0.019	0.000	0.000	0.050
SUBTOTAL	0.000	0.000	0.015	0.088	0.062	0.225	0.070	0.000	0.000	0.459

TOTAL HOURS OF VALID OBSERVATIONS 2122.000
 TOTAL HOURS OF GROUND LEVEL RELEASE 193.620
 TOTAL HOURS OF STABILITY CLASS C 44.520
 TOTAL HOURS OF GROUND LEVEL STABILITY CLASS C 9.740

METEOROLOGICAL FACILITY: Browns Ferry Nuclear Plant
 STABILITY BASED ON DELTA-T BETWEEN 10.03 AND 45.30 METERS
 WIND DIRECTION MEASURED AT 10.50 METER LEVEL

WIND SPEED MEASURED AT 10.50 METER LEVEL
 EFFLUENT VELOCITY = 12.60 M/S

DATE PRINTED: 2005/08/25

NOTE: TOTALS AND SUBTOTALS ARE OBTAINED FROM UNROUNDED NUMBERS

SPLIT JOINT PERCENTAGE FREQUENCIES OF WIND SPEED BY WIND DIRECTION FOR

STABILITY CLASS D (-1.5 < DELTA T <= -0.5 C/100 M)

Browns Ferry Nuclear Plant

PART 1 OF 2 GROUND LEVEL RELEASE MODE

APR 1, 2005 - JUN 30, 2005

WIND DIRECTION	WIND SPEED (MPH)									TOTAL
	CALM	0.6-1.4	1.5-3.4	3.5-5.4	5.5-7.4	7.5-12.4	12.5-18.4	18.5-24.4	>=24.5	
N	0.000	0.000	0.000	0.005	0.050	0.075	0.000	0.000	0.000	0.130
NNE	0.000	0.000	0.000	0.011	0.062	0.093	0.000	0.000	0.000	0.165
NE	0.000	0.000	0.000	0.008	0.036	0.040	0.000	0.000	0.000	0.084
ENE	0.000	0.000	0.000	0.000	0.025	0.006	0.000	0.000	0.000	0.032
E	0.000	0.000	0.000	0.021	0.077	0.028	0.000	0.000	0.000	0.126
ESE	0.000	0.000	0.029	0.086	0.082	0.031	0.000	0.000	0.000	0.228
SE	0.000	0.000	0.041	0.081	0.049	0.047	0.000	0.000	0.000	0.219
SSE	0.000	0.000	0.050	0.025	0.019	0.000	0.000	0.000	0.000	0.094
S	0.000	0.004	0.046	0.153	0.019	0.037	0.000	0.000	0.000	0.258
SSW	0.000	0.000	0.052	0.100	0.035	0.000	0.000	0.000	0.000	0.187
SW	0.000	0.000	0.013	0.036	0.026	0.000	0.000	0.000	0.000	0.075
WSW	0.000	0.000	0.014	0.017	0.030	0.019	0.000	0.000	0.000	0.079
W	0.000	0.000	0.004	0.029	0.051	0.077	0.000	0.000	0.000	0.161
WNW	0.000	0.000	0.000	0.006	0.058	0.156	0.113	0.140	0.000	0.474
NW	0.000	0.000	0.000	0.007	0.068	0.181	0.425	0.115	0.000	0.796
NNW	0.000	0.000	0.000	0.010	0.045	0.170	0.019	0.000	0.000	0.244
SUBTOTAL	0.000	0.004	0.249	0.593	0.732	0.960	0.557	0.255	0.000	3.351

TOTAL HOURS OF VALID OBSERVATIONS 2122.000
 TOTAL HOURS OF GROUND LEVEL RELEASE 193.620
 TOTAL HOURS OF STABILITY CLASS D 1072.800
 TOTAL HOURS OF GROUND LEVEL STABILITY CLASS D 71.100

METEOROLOGICAL FACILITY: Browns Ferry Nuclear Plant
 STABILITY BASED ON DELTA-T BETWEEN 10.03 AND 45.30 METERS
 WIND DIRECTION MEASURED AT 10.50 METER LEVEL
 WIND SPEED MEASURED AT 10.50 METER LEVEL
 EFFLUENT VELOCITY = 12.60 M/S

DATE PRINTED: 2005/08/25

NOTE: TOTALS AND SUBTOTALS ARE OBTAINED FROM UNROUNDED NUMBERS

SPLIT JOINT PERCENTAGE FREQUENCIES OF WIND SPEED BY WIND DIRECTION FOR
STABILITY CLASS E (-0.5 < DELTA T <= 1.5 C/100 M)

Browns Ferry Nuclear Plant

PART 1 OF 2 GROUND LEVEL RELEASE MODE

APR 1, 2005 - JUN 30, 2005

WIND DIRECTION	WIND SPEED (MPH)									TOTAL
	CALM	0.6-1.4	1.5-3.4	3.5-5.4	5.5-7.4	7.5-12.4	12.5-18.4	18.5-24.4	>=24.5	
N	0.000	0.000	0.016	0.079	0.033	0.000	0.000	0.000	0.000	0.128
NNE	0.000	0.000	0.003	0.118	0.068	0.039	0.000	0.000	0.000	0.229
NE	0.000	0.000	0.011	0.028	0.018	0.039	0.000	0.000	0.000	0.097
ENE	0.000	0.000	0.016	0.043	0.049	0.050	0.000	0.000	0.000	0.159
E	0.000	0.002	0.016	0.101	0.054	0.009	0.000	0.000	0.000	0.183
ESE	0.000	0.004	0.101	0.154	0.162	0.063	0.000	0.000	0.000	0.484
SE	0.000	0.000	0.090	0.094	0.020	0.000	0.000	0.000	0.000	0.204
SSE	0.000	0.002	0.056	0.144	0.000	0.000	0.000	0.000	0.000	0.202
S	0.000	0.000	0.071	0.074	0.021	0.000	0.000	0.000	0.000	0.165
SSW	0.000	0.007	0.024	0.000	0.036	0.000	0.000	0.000	0.000	0.067
SW	0.000	0.003	0.005	0.000	0.008	0.020	0.000	0.000	0.000	0.037
WSW	0.000	0.000	0.014	0.014	0.000	0.009	0.000	0.000	0.000	0.037
W	0.000	0.000	0.004	0.097	0.056	0.038	0.000	0.000	0.000	0.194
WNW	0.000	0.000	0.002	0.005	0.026	0.031	0.000	0.000	0.000	0.064
NW	0.000	0.000	0.001	0.035	0.062	0.008	0.010	0.000	0.000	0.116
NNW	0.000	0.000	0.013	0.058	0.057	0.025	0.000	0.000	0.000	0.153
SUBTOTAL	0.000	0.019	0.443	1.045	0.671	0.332	0.010	0.000	0.000	2.520

TOTAL HOURS OF VALID OBSERVATIONS 2122.000
TOTAL HOURS OF GROUND LEVEL RELEASE 193.620
TOTAL HOURS OF STABILITY CLASS E 708.330
TOTAL HOURS OF GROUND LEVEL STABILITY CLASS E 53.470

METEOROLOGICAL FACILITY: Browns Ferry Nuclear Plant
STABILITY BASED ON DELTA-T BETWEEN 10.03 AND 45.30 METERS
WIND DIRECTION MEASURED AT 10.50 METER LEVEL
WIND SPEED MEASURED AT 10.50 METER LEVEL
EFFLUENT VELOCITY = 12.60 M/S

DATE PRINTED: 2005/08/25

NOTE: TOTALS AND SUBTOTALS ARE OBTAINED FROM UNROUNDED NUMBERS

SPLIT JOINT PERCENTAGE FREQUENCIES OF WIND SPEED BY WIND DIRECTION FOR

STABILITY CLASS F (1.5< DELTA T<= 4.0 C/100 M)

Browns Ferry Nuclear Plant

PART 1 OF 2 GROUND LEVEL RELEASE MODE

APR 1, 2005 - JUN 30, 2005

WIND DIRECTION	WIND SPEED (MPH)									TOTAL
	CALM	0.6-1.4	1.5-3.4	3.5-5.4	5.5-7.4	7.5-12.4	12.5-18.4	18.5-24.4	>=24.5	
N	0.000	0.000	0.090	0.104	0.016	0.000	0.000	0.000	0.000	0.210
NNE	0.000	0.000	0.010	0.103	0.025	0.000	0.000	0.000	0.000	0.138
NE	0.000	0.000	0.015	0.000	0.000	0.000	0.000	0.000	0.000	0.015
ENE	0.000	0.016	0.022	0.026	0.000	0.000	0.000	0.000	0.000	0.065
E	0.000	0.006	0.026	0.027	0.000	0.000	0.000	0.000	0.000	0.059
ESE	0.000	0.026	0.052	0.026	0.027	0.000	0.000	0.000	0.000	0.131
SE	0.000	0.026	0.122	0.000	0.000	0.000	0.000	0.000	0.000	0.148
SSE	0.000	0.000	0.074	0.000	0.000	0.000	0.000	0.000	0.000	0.074
S	0.000	0.033	0.062	0.011	0.039	0.000	0.000	0.000	0.000	0.146
SSW	0.000	0.002	0.000	0.017	0.000	0.000	0.000	0.000	0.000	0.019
SW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
WSW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
W	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
WNW	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.003
NW	0.000	0.000	0.004	0.002	0.000	0.000	0.000	0.000	0.000	0.007
NNW	0.000	0.000	0.048	0.028	0.000	0.000	0.000	0.000	0.000	0.075
SUBTOTAL	0.000	0.111	0.528	0.345	0.107	0.000	0.000	0.000	0.000	1.090

TOTAL HOURS OF VALID OBSERVATIONS 2122.000
 TOTAL HOURS OF GROUND LEVEL RELEASE 193.620
 TOTAL HOURS OF STABILITY CLASS F 214.720
 TOTAL HOURS OF GROUND LEVEL STABILITY CLASS F 23.140

METEOROLOGICAL FACILITY: Browns Ferry Nuclear Plant
 STABILITY BASED ON DELTA-T BETWEEN 10.03 AND 45.30 METERS
 WIND DIRECTION MEASURED AT 10.50 METER LEVEL
 WIND SPEED MEASURED AT 10.50 METER LEVEL
 EFFLUENT VELOCITY = 12.60 M/S

DATE PRINTED: 2005/08/25

NOTE: TOTALS AND SUBTOTALS ARE OBTAINED FROM UNROUNDED NUMBERS

SPLIT JOINT PERCENTAGE FREQUENCIES OF WIND SPEED BY WIND DIRECTION FOR

STABILITY CLASS G (DELTA T > 4.0 C/100 M)

Browns Ferry Nuclear Plant

PART 1 OF 2 GROUND LEVEL RELEASE MODE

APR 1, 2005 - JUN 30, 2005

WIND DIRECTION	WIND SPEED (MPH)									TOTAL
	CALM	0.6-1.4	1.5-3.4	3.5-5.4	5.5-7.4	7.5-12.4	12.5-18.4	18.5-24.4	>=24.5	
N	0.000	0.000	0.056	0.108	0.000	0.000	0.000	0.000	0.000	0.164
NNE	0.000	0.000	0.013	0.036	0.000	0.000	0.000	0.000	0.000	0.049
NE	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.007
ENE	0.000	0.005	0.020	0.004	0.000	0.000	0.000	0.000	0.000	0.029
E	0.000	0.023	0.017	0.000	0.000	0.000	0.000	0.000	0.000	0.040
ESE	0.000	0.015	0.013	0.000	0.000	0.000	0.000	0.000	0.000	0.028
SE	0.000	0.018	0.014	0.000	0.000	0.000	0.000	0.000	0.000	0.032
SSE	0.000	0.019	0.068	0.010	0.000	0.000	0.000	0.000	0.000	0.097
S	0.000	0.008	0.023	0.000	0.000	0.000	0.000	0.000	0.000	0.032
SSW	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	0.009
SW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
WSW	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001
W	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.006
WNW	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001
NW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NNW	0.000	0.000	0.026	0.005	0.000	0.000	0.000	0.000	0.000	0.031
SUBTOTAL	0.000	0.101	0.262	0.163	0.000	0.000	0.000	0.000	0.000	0.526

TOTAL HOURS OF VALID OBSERVATIONS 2122.000
 TOTAL HOURS OF GROUND LEVEL RELEASE 193.620
 TOTAL HOURS OF STABILITY CLASS G 49.680
 TOTAL HOURS OF GROUND LEVEL STABILITY CLASS G 11.160

METEOROLOGICAL FACILITY: Browns Ferry Nuclear Plant
 STABILITY BASED ON DELTA-T BETWEEN 10.03 AND 45.30 METERS
 WIND DIRECTION MEASURED AT 10.50 METER LEVEL
 WIND SPEED MEASURED AT 10.50 METER LEVEL
 EFFLUENT VELOCITY = 12.60 M/S

DATE PRINTED: 2005/08/25

NOTE: TOTALS AND SUBTOTALS ARE OBTAINED FROM UNROUNDED NUMBERS

METEOROLOGICAL DATA TABLES

BROWNS FERRY NUCLEAR PLANT

JANUARY - DECEMBER 2005

TABLE 16

JOINT FREQUENCY DISTRIBUTION IN PERCENT

FOR SPLIT LEVEL RELEASES

(GROUND LEVEL PORTION)

THIRD QUARTER

SPLIT JOINT PERCENTAGE FREQUENCIES OF WIND SPEED BY WIND DIRECTION FOR
STABILITY CLASS A (DELTA T<=-1.9 C/100 M)

Browns Ferry Nuclear Plant

PART 1 OF 2 GROUND LEVEL RELEASE MODE

JUL 1, 2005 - SEP 30, 2005

WIND DIRECTION	WIND SPEED (MPH)									TOTAL
	CALM	0.6-1.4	1.5-3.4	3.5-5.4	5.5-7.4	7.5-12.4	12.5-18.4	18.5-24.4	>=24.5	
N	0.000	0.000	0.000	0.000	0.000	0.020	0.000	0.000	0.000	0.020
NNE	0.000	0.000	0.000	0.000	0.007	0.050	0.009	0.000	0.000	0.066
NE	0.000	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.006
ENE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
E	0.000	0.000	0.000	0.005	0.003	0.000	0.000	0.000	0.000	0.008
ESE	0.000	0.000	0.000	0.051	0.069	0.000	0.000	0.000	0.000	0.120
SE	0.000	0.000	0.027	0.105	0.019	0.000	0.000	0.000	0.000	0.151
SSE	0.000	0.000	0.019	0.057	0.000	0.000	0.000	0.000	0.000	0.076
S	0.000	0.000	0.018	0.025	0.000	0.000	0.000	0.000	0.000	0.043
SSW	0.000	0.000	0.004	0.027	0.000	0.000	0.000	0.000	0.000	0.031
SW	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.006
WSW	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.008
W	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.002
WNW	0.000	0.000	0.000	0.000	0.004	0.013	0.000	0.000	0.000	0.016
NW	0.000	0.000	0.000	0.000	0.000	0.014	0.000	0.000	0.000	0.014
NNW	0.000	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.006
SUBTOTAL	0.000	0.000	0.067	0.285	0.103	0.109	0.009	0.000	0.000	0.574

TOTAL HOURS OF VALID OBSERVATIONS 2159.000
TOTAL HOURS OF GROUND LEVEL RELEASE 140.720
TOTAL HOURS OF STABILITY CLASS A 12.390
TOTAL HOURS OF GROUND LEVEL STABILITY CLASS A 12.390

METEOROLOGICAL FACILITY: Browns Ferry Nuclear Plant
STABILITY BASED ON DELTA-T BETWEEN 10.03 AND 45.30 METERS
WIND DIRECTION MEASURED AT 10.50 METER LEVEL
WIND SPEED MEASURED AT 10.50 METER LEVEL
EFFLUENT VELOCITY = 12.60 M/S

DATE PRINTED: 2005/12/09

NOTE: TOTALS AND SUBTOTALS ARE OBTAINED FROM UNROUNDED NUMBERS

SPLIT JOINT PERCENTAGE FREQUENCIES OF WIND SPEED BY WIND DIRECTION FOR

STABILITY CLASS B (-1.9 < DELTA T <= -1.7 C/100 M)

Browns Ferry Nuclear Plant

PART 1 OF 2 GROUND LEVEL RELEASE MODE

JUL 1, 2005 - SEP 30, 2005

WIND DIRECTION	WIND SPEED (MPH)									TOTAL
	CALM	0.6-1.4	1.5-3.4	3.5-5.4	5.5-7.4	7.5-12.4	12.5-18.4	18.5-24.4	>=24.5	
N	0.000	0.000	0.000	0.000	0.003	0.020	0.000	0.000	0.000	0.024
NNE	0.000	0.000	0.000	0.000	0.008	0.007	0.000	0.000	0.000	0.015
NE	0.000	0.000	0.000	0.000	0.000	0.014	0.000	0.000	0.000	0.014
ENE	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.004
E	0.000	0.000	0.000	0.004	0.004	0.000	0.000	0.000	0.000	0.008
ESE	0.000	0.000	0.000	0.025	0.009	0.026	0.000	0.000	0.000	0.060
SE	0.000	0.000	0.004	0.019	0.000	0.000	0.000	0.000	0.000	0.023
SSE	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	0.008
S	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SSW	0.000	0.000	0.001	0.005	0.000	0.000	0.000	0.000	0.000	0.006
SW	0.000	0.000	0.007	0.006	0.000	0.000	0.000	0.000	0.000	0.013
WSW	0.000	0.000	0.000	0.010	0.005	0.000	0.000	0.000	0.000	0.015
W	0.000	0.000	0.000	0.008	0.011	0.000	0.000	0.000	0.000	0.019
WNW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NW	0.000	0.000	0.000	0.000	0.001	0.014	0.000	0.000	0.000	0.015
NNW	0.000	0.000	0.000	0.000	0.000	0.018	0.000	0.000	0.000	0.018
SUBTOTAL	0.000	0.000	0.020	0.077	0.045	0.100	0.000	0.000	0.000	0.243

TOTAL HOURS OF VALID OBSERVATIONS 2159.000
 TOTAL HOURS OF GROUND LEVEL RELEASE 140.720
 TOTAL HOURS OF STABILITY CLASS B 5.240
 TOTAL HOURS OF GROUND LEVEL STABILITY CLASS B 5.240

METEOROLOGICAL FACILITY: Browns Ferry Nuclear Plant
 STABILITY BASED ON DELTA-T BETWEEN 10.03 AND 45.30 METERS
 WIND DIRECTION MEASURED AT 10.50 METER LEVEL
 WIND SPEED MEASURED AT 10.50 METER LEVEL
 EFFLUENT VELOCITY = 12.60 M/S

DATE PRINTED: 2005/12/09

NOTE: TOTALS AND SUBTOTALS ARE OBTAINED FROM UNROUNDED NUMBERS

SPLIT JOINT PERCENTAGE FREQUENCIES OF WIND SPEED BY WIND DIRECTION FOR
STABILITY CLASS C (-1.7 < DELTA T <= -1.5 C/100 M)

Browns Ferry Nuclear Plant

PART 1 OF 2 GROUND LEVEL RELEASE MODE

JUL 1, 2005 - SEP 30, 2005

WIND DIRECTION	WIND SPEED (MPH)									TOTAL
	CALM	0.6-1.4	1.5-3.4	3.5-5.4	5.5-7.4	7.5-12.4	12.5-18.4	18.5-24.4	>=24.5	
N	0.000	0.000	0.000	0.000	0.023	0.023	0.000	0.000	0.000	0.046
NNE	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.002
NE	0.000	0.000	0.000	0.001	0.001	0.019	0.000	0.000	0.000	0.022
ENE	0.000	0.000	0.000	0.001	0.008	0.000	0.000	0.000	0.000	0.009
E	0.000	0.000	0.000	0.009	0.006	0.000	0.000	0.000	0.000	0.014
ESE	0.000	0.000	0.000	0.009	0.028	0.000	0.000	0.000	0.000	0.037
SE	0.000	0.000	0.008	0.016	0.000	0.000	0.000	0.000	0.000	0.024
SSE	0.000	0.000	0.000	0.000	0.046	0.000	0.000	0.000	0.000	0.046
S	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SSW	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.002
SW	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.006
WSW	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.001
W	0.000	0.000	0.000	0.001	0.010	0.005	0.000	0.000	0.000	0.016
WNW	0.000	0.000	0.000	0.000	0.022	0.021	0.000	0.000	0.000	0.044
NW	0.000	0.000	0.000	0.000	0.021	0.027	0.000	0.000	0.000	0.049
NNW	0.000	0.000	0.000	0.000	0.009	0.013	0.000	0.000	0.000	0.021
SUBTOTAL	0.000	0.000	0.010	0.046	0.175	0.108	0.000	0.000	0.000	0.339

TOTAL HOURS OF VALID OBSERVATIONS 2159.000
TOTAL HOURS OF GROUND LEVEL RELEASE 140.720
TOTAL HOURS OF STABILITY CLASS C 18.430
TOTAL HOURS OF GROUND LEVEL STABILITY CLASS C 7.320

METEOROLOGICAL FACILITY: Browns Ferry Nuclear Plant
STABILITY BASED ON DELTA-T BETWEEN 10.03 AND 45.30 METERS
WIND DIRECTION MEASURED AT 10.50 METER LEVEL
WIND SPEED MEASURED AT 10.50 METER LEVEL
EFFLUENT VELOCITY = 12.60 M/S

DATE PRINTED: 2005/12/09

NOTE: TOTALS AND SUBTOTALS ARE OBTAINED FROM UNROUNDED NUMBERS

SPLIT JOINT PERCENTAGE FREQUENCIES OF WIND SPEED BY WIND DIRECTION FOR

STABILITY CLASS D (-1.5 < DELTA T <= -0.5 C/100 M)

Browns Ferry Nuclear Plant

PART 1 OF 2 GROUND LEVEL RELEASE MODE

JUL 1, 2005 - SEP 30, 2005

WIND DIRECTION	WIND SPEED (MPH)									TOTAL
	CALM	0.6-1.4	1.5-3.4	3.5-5.4	5.5-7.4	7.5-12.4	12.5-18.4	18.5-24.4	>=24.5	
N	0.000	0.000	0.003	0.008	0.064	0.030	0.033	0.000	0.000	0.138
NNE	0.000	0.000	0.000	0.007	0.017	0.015	0.000	0.000	0.000	0.040
NE	0.000	0.000	0.000	0.008	0.017	0.021	0.000	0.000	0.000	0.046
ENE	0.000	0.000	0.000	0.030	0.064	0.038	0.091	0.045	0.000	0.268
E	0.000	0.000	0.001	0.026	0.036	0.017	0.045	0.046	0.000	0.172
ESE	0.000	0.000	0.029	0.113	0.172	0.084	0.046	0.000	0.000	0.445
SE	0.000	0.000	0.050	0.070	0.171	0.046	0.000	0.000	0.000	0.337
SSE	0.000	0.000	0.034	0.114	0.093	0.000	0.000	0.000	0.000	0.241
S	0.000	0.000	0.082	0.060	0.000	0.000	0.000	0.000	0.000	0.141
SSW	0.000	0.000	0.083	0.126	0.009	0.000	0.000	0.000	0.000	0.218
SW	0.000	0.000	0.013	0.000	0.008	0.000	0.000	0.000	0.000	0.021
WSW	0.000	0.000	0.013	0.006	0.007	0.000	0.026	0.000	0.000	0.054
W	0.000	0.000	0.000	0.036	0.040	0.064	0.000	0.000	0.000	0.139
WNW	0.000	0.000	0.000	0.007	0.035	0.044	0.000	0.000	0.000	0.087
NW	0.000	0.000	0.000	0.005	0.027	0.039	0.000	0.000	0.000	0.070
NNW	0.000	0.000	0.001	0.006	0.031	0.060	0.000	0.000	0.000	0.098
SUBTOTAL	0.000	0.000	0.310	0.623	0.790	0.459	0.242	0.091	0.000	2.516

TOTAL HOURS OF VALID OBSERVATIONS 2159.000
 TOTAL HOURS OF GROUND LEVEL RELEASE 140.720
 TOTAL HOURS OF STABILITY CLASS D 1102.690
 TOTAL HOURS OF GROUND LEVEL STABILITY CLASS D 54.320

METEOROLOGICAL FACILITY: Browns Ferry Nuclear Plant
 STABILITY BASED ON DELTA-T BETWEEN 10.03 AND 45.30 METERS
 WIND DIRECTION MEASURED AT 10.50 METER LEVEL
 WIND SPEED MEASURED AT 10.50 METER LEVEL
 EFFLUENT VELOCITY = 12.60 M/S

DATE PRINTED: 2005/12/09

NOTE: TOTALS AND SUBTOTALS ARE OBTAINED FROM UNROUNDED NUMBERS

SPLIT JOINT PERCENTAGE FREQUENCIES OF WIND SPEED BY WIND DIRECTION FOR

STABILITY CLASS E (-0.5 < DELTA T <= 1.5 C/100 M)

Browns Ferry Nuclear Plant

PART 1 OF 2 GROUND LEVEL RELEASE MODE

JUL 1, 2005 - SEP 30, 2005

WIND DIRECTION	WIND SPEED (MPH)									TOTAL
	CALM	0.6-1.4	1.5-3.4	3.5-5.4	5.5-7.4	7.5-12.4	12.5-18.4	18.5-24.4	>=24.5	
N	0.000	0.000	0.054	0.076	0.014	0.000	0.000	0.000	0.000	0.144
NNE	0.000	0.000	0.021	0.082	0.039	0.025	0.000	0.000	0.000	0.167
NE	0.000	0.004	0.022	0.062	0.011	0.051	0.044	0.000	0.000	0.193
ENE	0.000	0.000	0.024	0.103	0.026	0.008	0.067	0.038	0.000	0.265
E	0.000	0.004	0.087	0.223	0.000	0.000	0.000	0.000	0.000	0.314
ESE	0.000	0.000	0.073	0.108	0.073	0.039	0.000	0.000	0.000	0.294
SE	0.000	0.005	0.040	0.000	0.000	0.000	0.000	0.000	0.000	0.044
SSE	0.000	0.000	0.039	0.000	0.000	0.000	0.000	0.000	0.000	0.039
S	0.000	0.000	0.027	0.000	0.000	0.000	0.000	0.000	0.000	0.027
SSW	0.000	0.000	0.035	0.009	0.000	0.000	0.000	0.000	0.000	0.044
SW	0.000	0.000	0.003	0.006	0.000	0.000	0.000	0.000	0.000	0.009
WSW	0.000	0.005	0.007	0.008	0.000	0.000	0.000	0.000	0.000	0.020
W	0.000	0.000	0.000	0.018	0.000	0.000	0.000	0.000	0.000	0.018
WNW	0.000	0.000	0.002	0.005	0.000	0.000	0.000	0.000	0.000	0.007
NW	0.000	0.000	0.002	0.016	0.011	0.009	0.010	0.000	0.000	0.049
NNW	0.000	0.000	0.013	0.058	0.006	0.007	0.000	0.000	0.000	0.085
SUBTOTAL	0.000	0.017	0.451	0.774	0.181	0.140	0.120	0.038	0.000	1.720

TOTAL HOURS OF VALID OBSERVATIONS 2159.000
 TOTAL HOURS OF GROUND LEVEL RELEASE 140.720
 TOTAL HOURS OF STABILITY CLASS E 757.470
 TOTAL HOURS OF GROUND LEVEL STABILITY CLASS E 37.140

METEOROLOGICAL FACILITY: Browns Ferry Nuclear Plant
 STABILITY BASED ON DELTA-T BETWEEN 10.03 AND 45.30 METERS
 WIND DIRECTION MEASURED AT 10.50 METER LEVEL
 WIND SPEED MEASURED AT 10.50 METER LEVEL
 EFFLUENT VELOCITY = 12.60 M/S

DATE PRINTED: 2005/12/09

NOTE: TOTALS AND SUBTOTALS ARE OBTAINED FROM UNROUNDED NUMBERS

SPLIT JOINT PERCENTAGE FREQUENCIES OF WIND SPEED BY WIND DIRECTION FOR

STABILITY CLASS F (1.5< DELTA T<= 4.0 C/100 M)

Browns Ferry Nuclear Plant

PART 1 OF 2 GROUND LEVEL RELEASE MODE

JUL 1, 2005 - SEP 30, 2005

WIND DIRECTION	WIND SPEED (MPH)									TOTAL
	CALM	0.6-1.4	1.5-3.4	3.5-5.4	5.5-7.4	7.5-12.4	12.5-18.4	18.5-24.4	>=24.5	
N	0.000	0.000	0.050	0.060	0.000	0.000	0.000	0.000	0.000	0.110
NNE	0.000	0.000	0.047	0.090	0.033	0.018	0.000	0.000	0.000	0.189
NE	0.000	0.000	0.037	0.014	0.000	0.000	0.000	0.000	0.000	0.051
ENE	0.000	0.001	0.043	0.081	0.000	0.000	0.000	0.000	0.000	0.126
E	0.000	0.000	0.031	0.082	0.000	0.000	0.000	0.000	0.000	0.114
ESE	0.000	0.000	0.012	0.012	0.000	0.000	0.000	0.000	0.000	0.023
SE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SSE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
S	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.003
SSW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
WSW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
W	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001
WNW	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001
NW	0.000	0.000	0.007	0.008	0.000	0.000	0.000	0.000	0.000	0.015
NNW	0.000	0.000	0.025	0.029	0.000	0.000	0.000	0.000	0.000	0.054
SUBTOTAL	0.000	0.002	0.254	0.379	0.033	0.018	0.000	0.000	0.000	0.687

TOTAL HOURS OF VALID OBSERVATIONS 2159.000
 TOTAL HOURS OF GROUND LEVEL RELEASE 140.720
 TOTAL HOURS OF STABILITY CLASS F 206.410
 TOTAL HOURS OF GROUND LEVEL STABILITY CLASS F 14.840

METEOROLOGICAL FACILITY: Browns Ferry Nuclear Plant
 STABILITY BASED ON DELTA-T BETWEEN 10.03 AND 45.30 METERS
 WIND DIRECTION MEASURED AT 10.50 METER LEVEL
 WIND SPEED MEASURED AT 10.50 METER LEVEL
 EFFLUENT VELOCITY = 12.60 M/S

DATE PRINTED: 2005/12/09

NOTE: TOTALS AND SUBTOTALS ARE OBTAINED FROM UNROUNDED NUMBERS

SPLIT JOINT PERCENTAGE FREQUENCIES OF WIND SPEED BY WIND DIRECTION FOR

STABILITY CLASS G (DELTA T > 4.0 C/100 M)

Browns Ferry Nuclear Plant

PART 1 OF 2 GROUND LEVEL RELEASE MODE

JUL 1, 2005 - SEP 30, 2005

WIND DIRECTION	WIND SPEED (MPH)									TOTAL
	CALM	0.6-1.4	1.5-3.4	3.5-5.4	5.5-7.4	7.5-12.4	12.5-18.4	18.5-24.4	>=24.5	
N	0.000	0.001	0.131	0.148	0.000	0.000	0.000	0.000	0.000	0.280
NNE	0.000	0.007	0.025	0.019	0.009	0.000	0.000	0.000	0.000	0.060
NE	0.000	0.000	0.035	0.014	0.000	0.000	0.000	0.000	0.000	0.049
ENE	0.000	0.000	0.015	0.007	0.000	0.000	0.000	0.000	0.000	0.023
E	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	0.004
ESE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SSE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
S	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SSW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
WSW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
W	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
WNW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NNW	0.000	0.001	0.016	0.006	0.000	0.000	0.000	0.000	0.000	0.023
SUBTOTAL	0.000	0.010	0.226	0.194	0.009	0.000	0.000	0.000	0.000	0.439

TOTAL HOURS OF VALID OBSERVATIONS 2159.000
 TOTAL HOURS OF GROUND LEVEL RELEASE 140.720
 TOTAL HOURS OF STABILITY CLASS G 56.370
 TOTAL HOURS OF GROUND LEVEL STABILITY CLASS G 9.470

METEOROLOGICAL FACILITY: Browns Ferry Nuclear Plant
 STABILITY BASED ON DELTA-T BETWEEN 10.03 AND 45.30 METERS
 WIND DIRECTION MEASURED AT 10.50 METER LEVEL
 WIND SPEED MEASURED AT 10.50 METER LEVEL
 EFFLUENT VELOCITY = 12.60 M/S

DATE PRINTED: 2005/12/09

NOTE: TOTALS AND SUBTOTALS ARE OBTAINED FROM UNROUNDED NUMBERS

METEOROLOGICAL DATA TABLES
BROWNS FERRY NUCLEAR PLANT
JANUARY - DECEMBER 2005

TABLE 17
JOINT FREQUENCY DISTRIBUTION IN PERCENT
FOR SPLIT LEVEL RELEASES
(GROUND LEVEL PORTION)
FOURTH QUARTER

SPLIT JOINT PERCENTAGE FREQUENCIES OF WIND SPEED BY WIND DIRECTION FOR

STABILITY CLASS A (DELTA T<=-1.9 C/100 M)

Browns Ferry Nuclear Plant

PART 1 OF 2 GROUND LEVEL RELEASE MODE

OCT 1, 2005 - DEC 31, 2005

WIND DIRECTION	WIND SPEED (MPH)									TOTAL
	CALM	0.6-1.4	1.5-3.4	3.5-5.4	5.5-7.4	7.5-12.4	12.5-18.4	18.5-24.4	>=24.5	
N	0.000	0.000	0.000	0.000	0.000	0.056	0.000	0.000	0.000	0.056
NNE	0.000	0.000	0.000	0.000	0.006	0.015	0.000	0.000	0.000	0.021
NE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ENE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
E	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ESE	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.007
SE	0.000	0.000	0.008	0.098	0.019	0.000	0.000	0.000	0.000	0.126
SSE	0.000	0.000	0.021	0.022	0.000	0.000	0.000	0.000	0.000	0.043
S	0.000	0.000	0.057	0.068	0.008	0.000	0.000	0.000	0.000	0.133
SSW	0.000	0.000	0.000	0.050	0.000	0.000	0.000	0.000	0.000	0.050
SW	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.004
WSW	0.000	0.000	0.000	0.003	0.016	0.000	0.000	0.000	0.000	0.019
W	0.000	0.000	0.000	0.000	0.016	0.007	0.000	0.000	0.000	0.023
WNW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NW	0.000	0.000	0.000	0.000	0.000	0.015	0.036	0.027	0.000	0.078
NNW	0.000	0.000	0.000	0.000	0.000	0.022	0.000	0.000	0.000	0.022
SUBTOTAL	0.000	0.000	0.087	0.245	0.072	0.115	0.036	0.027	0.000	0.582

TOTAL HOURS OF VALID OBSERVATIONS 2153.000
 TOTAL HOURS OF GROUND LEVEL RELEASE 276.800
 TOTAL HOURS OF STABILITY CLASS A 12.540
 TOTAL HOURS OF GROUND LEVEL STABILITY CLASS A 12.540

METEOROLOGICAL FACILITY: Browns Ferry Nuclear Plant
 STABILITY BASED ON DELTA-T BETWEEN 10.03 AND 45.30 METERS
 WIND DIRECTION MEASURED AT 10.50 METER LEVEL
 WIND SPEED MEASURED AT 10.50 METER LEVEL
 EFFLUENT VELOCITY = 12.60 M/S

DATE PRINTED: 2006/02/21

NOTE: TOTALS AND SUBTOTALS ARE OBTAINED FROM UNROUNDED NUMBERS

SPLIT JOINT PERCENTAGE FREQUENCIES OF WIND SPEED BY WIND DIRECTION FOR

STABILITY CLASS B (-1.9 < DELTA T <= -1.7 C/100 M)

Browns Ferry Nuclear Plant

PART 1 OF 2 GROUND LEVEL RELEASE MODE

OCT 1, 2005 - DEC 31, 2005

WIND DIRECTION	WIND SPEED (MPH)									TOTAL
	CALM	0.6-1.4	1.5-3.4	3.5-5.4	5.5-7.4	7.5-12.4	12.5-18.4	18.5-24.4	>=24.5	
N	0.000	0.000	0.000	0.000	0.013	0.069	0.000	0.000	0.000	0.081
NNE	0.000	0.000	0.000	0.000	0.009	0.013	0.000	0.000	0.000	0.023
NE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ENE	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.003
E	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ESE	0.000	0.000	0.000	0.005	0.016	0.000	0.000	0.000	0.000	0.021
SE	0.000	0.000	0.000	0.015	0.000	0.000	0.000	0.000	0.000	0.015
SSE	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.004
S	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.005
SSW	0.000	0.000	0.006	0.011	0.000	0.000	0.000	0.000	0.000	0.017
SW	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.002
WSW	0.000	0.000	0.000	0.007	0.015	0.000	0.000	0.000	0.000	0.022
W	0.000	0.000	0.000	0.000	0.006	0.029	0.000	0.000	0.000	0.035
WNW	0.000	0.000	0.000	0.000	0.013	0.030	0.064	0.000	0.000	0.106
NW	0.000	0.000	0.000	0.000	0.000	0.056	0.025	0.000	0.000	0.081
NNW	0.000	0.000	0.000	0.000	0.008	0.028	0.051	0.000	0.000	0.086
SUBTOTAL	0.000	0.000	0.006	0.049	0.082	0.225	0.139	0.000	0.000	0.501

TOTAL HOURS OF VALID OBSERVATIONS 2153.000
 TOTAL HOURS OF GROUND LEVEL RELEASE 276.800
 TOTAL HOURS OF STABILITY CLASS B 12.570
 TOTAL HOURS OF GROUND LEVEL STABILITY CLASS B 10.780

METEOROLOGICAL FACILITY: Browns Ferry Nuclear Plant
 STABILITY BASED ON DELTA-T BETWEEN 10.03 AND 45.30 METERS
 WIND DIRECTION MEASURED AT 10.50 METER LEVEL
 WIND SPEED MEASURED AT 10.50 METER LEVEL
 EFFLUENT VELOCITY = 12.60 M/S

DATE PRINTED: 2006/02/21

NOTE: TOTALS AND SUBTOTALS ARE OBTAINED FROM UNROUNDED NUMBERS

SPLIT JOINT PERCENTAGE FREQUENCIES OF WIND SPEED BY WIND DIRECTION FOR
STABILITY CLASS C (-1.7 < DELTA T <= -1.5 C/100 M)

Browns Ferry Nuclear Plant

PART 1 OF 2 GROUND LEVEL RELEASE MODE

OCT 1, 2005 - DEC 31, 2005

WIND DIRECTION	WIND SPEED (MPH)									TOTAL
	CALM	0.6-1.4	1.5-3.4	3.5-5.4	5.5-7.4	7.5-12.4	12.5-18.4	18.5-24.4	>=24.5	
N	0.000	0.000	0.000	0.000	0.051	0.067	0.000	0.000	0.000	0.118
NNE	0.000	0.000	0.000	0.001	0.009	0.006	0.000	0.000	0.000	0.016
NE	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.005
ENE	0.000	0.000	0.000	0.000	0.000	0.013	0.000	0.000	0.000	0.013
E	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ESE	0.000	0.000	0.000	0.012	0.014	0.000	0.000	0.000	0.000	0.026
SE	0.000	0.000	0.000	0.006	0.009	0.000	0.000	0.000	0.000	0.015
SSE	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001
S	0.000	0.000	0.012	0.016	0.000	0.000	0.000	0.000	0.000	0.028
SSW	0.000	0.000	0.007	0.007	0.000	0.000	0.000	0.000	0.000	0.013
SW	0.000	0.000	0.001	0.003	0.000	0.000	0.000	0.000	0.000	0.004
WSW	0.000	0.000	0.000	0.004	0.022	0.000	0.000	0.000	0.000	0.026
W	0.000	0.000	0.000	0.000	0.006	0.022	0.000	0.000	0.000	0.028
WNW	0.000	0.000	0.000	0.000	0.008	0.021	0.018	0.000	0.000	0.048
NW	0.000	0.000	0.000	0.000	0.009	0.014	0.077	0.000	0.000	0.100
NNW	0.000	0.000	0.000	0.000	0.000	0.063	0.000	0.000	0.000	0.063
SUBTOTAL	0.000	0.000	0.020	0.048	0.133	0.206	0.095	0.000	0.000	0.503

TOTAL HOURS OF VALID OBSERVATIONS 2153.000
TOTAL HOURS OF GROUND LEVEL RELEASE 276.800
TOTAL HOURS OF STABILITY CLASS C 28.440
TOTAL HOURS OF GROUND LEVEL STABILITY CLASS C 10.820

METEOROLOGICAL FACILITY: Browns Ferry Nuclear Plant
STABILITY BASED ON DELTA-T BETWEEN 10.03 AND 45.30 METERS
WIND DIRECTION MEASURED AT 10.50 METER LEVEL

WIND SPEED MEASURED AT 10.50 METER LEVEL
EFFLUENT VELOCITY = 12.60 M/S

DATE PRINTED: 2006/02/21

NOTE: TOTALS AND SUBTOTALS ARE OBTAINED FROM UNROUNDED NUMBERS

SPLIT JOINT PERCENTAGE FREQUENCIES OF WIND SPEED BY WIND DIRECTION FOR

STABILITY CLASS D (-1.5 < DELTA T <= -0.5 C/100 M)

Browns Ferry Nuclear Plant

PART 1 OF 2 GROUND LEVEL RELEASE MODE

OCT 1, 2005 - DEC 31, 2005

WIND DIRECTION	WIND SPEED (MPH)									TOTAL
	CALM	0.6-1.4	1.5-3.4	3.5-5.4	5.5-7.4	7.5-12.4	12.5-18.4	18.5-24.4	>=24.5	
N	0.000	0.000	0.001	0.014	0.118	0.186	0.000	0.000	0.000	0.320
NNE	0.000	0.000	0.000	0.051	0.103	0.134	0.000	0.000	0.000	0.288
NE	0.000	0.000	0.000	0.008	0.047	0.067	0.000	0.000	0.000	0.122
ENE	0.000	0.000	0.000	0.007	0.016	0.007	0.000	0.000	0.000	0.030
E	0.000	0.000	0.000	0.031	0.034	0.000	0.000	0.000	0.000	0.065
ESE	0.000	0.000	0.000	0.043	0.044	0.009	0.000	0.000	0.000	0.097
SE	0.000	0.000	0.012	0.105	0.102	0.000	0.000	0.000	0.000	0.218
SSE	0.000	0.000	0.008	0.062	0.000	0.000	0.000	0.000	0.000	0.071
S	0.000	0.000	0.056	0.050	0.009	0.000	0.000	0.000	0.000	0.116
SSW	0.000	0.000	0.020	0.017	0.000	0.000	0.000	0.000	0.000	0.037
SW	0.000	0.000	0.003	0.014	0.000	0.000	0.000	0.000	0.000	0.018
WSW	0.000	0.000	0.002	0.038	0.013	0.019	0.000	0.000	0.000	0.072
W	0.000	0.000	0.003	0.037	0.062	0.095	0.026	0.000	0.000	0.223
WNW	0.000	0.000	0.000	0.002	0.036	0.118	0.198	0.068	0.000	0.422
NW	0.000	0.000	0.000	0.008	0.049	0.460	0.386	0.000	0.000	0.902
NNW	0.000	0.000	0.000	0.019	0.108	0.283	0.030	0.000	0.000	0.441
SUBTOTAL	0.000	0.000	0.106	0.507	0.743	1.377	0.639	0.068	0.000	3.440

TOTAL HOURS OF VALID OBSERVATIONS 2153.000
 TOTAL HOURS OF GROUND LEVEL RELEASE 276.800
 TOTAL HOURS OF STABILITY CLASS D 1034.850
 TOTAL HOURS OF GROUND LEVEL STABILITY CLASS D 74.070

METEOROLOGICAL FACILITY: Browns Ferry Nuclear Plant
 STABILITY BASED ON DELTA-T BETWEEN 10.03 AND 45.30 METERS
 WIND DIRECTION MEASURED AT 10.50 METER LEVEL
 WIND SPEED MEASURED AT 10.50 METER LEVEL
 EFFLUENT VELOCITY = 12.60 M/S

DATE PRINTED: 2006/02/21

NOTE: TOTALS AND SUBTOTALS ARE OBTAINED FROM UNROUNDED NUMBERS

SPLIT JOINT PERCENTAGE FREQUENCIES OF WIND SPEED BY WIND DIRECTION FOR

STABILITY CLASS E (-0.5 < DELTA T <= 1.5 C/100 M)

Browns Ferry Nuclear Plant

PART 1 OF 2 GROUND LEVEL RELEASE MODE

OCT 1, 2005 - DEC 31, 2005

WIND DIRECTION	WIND SPEED (MPH)									TOTAL
	CALM	0.6-1.4	1.5-3.4	3.5-5.4	5.5-7.4	7.5-12.4	12.5-18.4	18.5-24.4	>=24.5	
N	0.000	0.000	0.018	0.141	0.074	0.025	0.000	0.000	0.000	0.257
NNE	0.000	0.000	0.013	0.093	0.030	0.016	0.000	0.000	0.000	0.151
NE	0.000	0.000	0.000	0.052	0.052	0.000	0.000	0.000	0.000	0.104
ENE	0.000	0.000	0.014	0.046	0.030	0.000	0.000	0.000	0.000	0.091
E	0.000	0.001	0.073	0.063	0.007	0.000	0.000	0.000	0.000	0.144
ESE	0.000	0.000	0.058	0.162	0.085	0.030	0.000	0.000	0.000	0.334
SE	0.000	0.000	0.050	0.192	0.242	0.270	0.000	0.000	0.000	0.755
SSE	0.000	0.000	0.146	0.382	0.000	0.000	0.000	0.000	0.000	0.528
S	0.000	0.000	0.175	0.186	0.317	0.076	0.000	0.000	0.000	0.754
SSW	0.000	0.000	0.068	0.055	0.052	0.037	0.000	0.000	0.000	0.213
SW	0.000	0.000	0.032	0.032	0.010	0.013	0.000	0.000	0.000	0.086
WSW	0.000	0.000	0.035	0.017	0.008	0.000	0.000	0.000	0.000	0.059
W	0.000	0.000	0.010	0.069	0.036	0.008	0.000	0.000	0.000	0.124
WNW	0.000	0.000	0.003	0.013	0.028	0.031	0.000	0.000	0.000	0.074
NW	0.000	0.000	0.005	0.024	0.040	0.105	0.039	0.000	0.000	0.213
NNW	0.000	0.000	0.010	0.120	0.148	0.094	0.000	0.000	0.000	0.373
SUBTOTAL	0.000	0.001	0.710	1.647	1.157	0.706	0.039	0.000	0.000	4.261

TOTAL HOURS OF VALID OBSERVATIONS 2153.000
 TOTAL HOURS OF GROUND LEVEL RELEASE 276.800
 TOTAL HOURS OF STABILITY CLASS E 679.500
 TOTAL HOURS OF GROUND LEVEL STABILITY CLASS E 91.740

METEOROLOGICAL FACILITY: Browns Ferry Nuclear Plant
 STABILITY BASED ON DELTA-T BETWEEN 10.03 AND 45.30 METERS
 WIND DIRECTION MEASURED AT 10.50 METER LEVEL
 WIND SPEED MEASURED AT 10.50 METER LEVEL
 EFFLUENT VELOCITY = 12.60 M/S

DATE PRINTED: 2006/02/21

NOTE: TOTALS AND SUBTOTALS ARE OBTAINED FROM UNROUNDED NUMBERS

SPLIT JOINT PERCENTAGE FREQUENCIES OF WIND SPEED BY WIND DIRECTION FOR

STABILITY CLASS F (1.5 < DELTA T <= 4.0 C/100 M)

Browns Ferry Nuclear Plant

PART 1 OF 2 GROUND LEVEL RELEASE MODE

OCT 1, 2005 - DEC 31, 2005

WIND DIRECTION	WIND SPEED (MPH)									TOTAL
	CALM	0.6-1.4	1.5-3.4	3.5-5.4	5.5-7.4	7.5-12.4	12.5-18.4	18.5-24.4	>=24.5	
N	0.000	0.000	0.062	0.195	0.008	0.000	0.000	0.000	0.000	0.266
NNE	0.000	0.000	0.024	0.076	0.030	0.000	0.000	0.000	0.000	0.130
NE	0.000	0.000	0.013	0.052	0.000	0.008	0.000	0.000	0.000	0.073
ENE	0.000	0.002	0.021	0.052	0.008	0.000	0.000	0.000	0.000	0.083
E	0.000	0.009	0.084	0.036	0.000	0.000	0.000	0.000	0.000	0.130
ESE	0.000	0.003	0.079	0.041	0.000	0.000	0.000	0.000	0.000	0.123
SE	0.000	0.013	0.078	0.150	0.073	0.000	0.000	0.000	0.000	0.314
SSE	0.000	0.007	0.183	0.197	0.093	0.000	0.000	0.000	0.000	0.480
S	0.000	0.011	0.151	0.099	0.109	0.388	0.000	0.000	0.000	0.758
SSW	0.000	0.000	0.015	0.000	0.000	0.028	0.000	0.000	0.000	0.044
SW	0.000	0.005	0.015	0.000	0.008	0.000	0.000	0.000	0.000	0.029
WSW	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	0.008
W	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
WNW	0.000	0.000	0.004	0.003	0.000	0.000	0.000	0.000	0.000	0.007
NW	0.000	0.000	0.010	0.007	0.000	0.000	0.000	0.000	0.000	0.017
NNW	0.000	0.000	0.033	0.104	0.007	0.000	0.000	0.000	0.000	0.144
SUBTOTAL	0.000	0.050	0.780	1.013	0.337	0.425	0.000	0.000	0.000	2.604

TOTAL HOURS OF VALID OBSERVATIONS 2153.000
 TOTAL HOURS OF GROUND LEVEL RELEASE 276.800
 TOTAL HOURS OF STABILITY CLASS F 265.060
 TOTAL HOURS OF GROUND LEVEL STABILITY CLASS F 56.070

METEOROLOGICAL FACILITY: Browns Ferry Nuclear Plant
 STABILITY BASED ON DELTA-T BETWEEN 10.03 AND 45.30 METERS
 WIND DIRECTION MEASURED AT 10.50 METER LEVEL
 WIND SPEED MEASURED AT 10.50 METER LEVEL
 EFFLUENT VELOCITY = 12.60 M/S

DATE PRINTED: 2006/02/21

NOTE: TOTALS AND SUBTOTALS ARE OBTAINED FROM UNROUNDED NUMBERS

SPLIT JOINT PERCENTAGE FREQUENCIES OF WIND SPEED BY WIND DIRECTION FOR

STABILITY CLASS G (DELTA T > 4.0 C/100 M)

Browns Ferry Nuclear Plant

PART 1 OF 2 GROUND LEVEL RELEASE MODE

OCT 1, 2005 - DEC 31, 2005

WIND DIRECTION	WIND SPEED (MPH)									TOTAL
	CALM	0.6-1.4	1.5-3.4	3.5-5.4	5.5-7.4	7.5-12.4	12.5-18.4	18.5-24.4	>=24.5	
N	0.000	0.010	0.056	0.243	0.000	0.000	0.000	0.000	0.000	0.309
NNE	0.000	0.008	0.030	0.083	0.008	0.000	0.000	0.000	0.000	0.129
NE	0.000	0.005	0.002	0.007	0.000	0.000	0.000	0.000	0.000	0.014
ENE	0.000	0.007	0.037	0.018	0.000	0.000	0.000	0.000	0.000	0.062
E	0.000	0.000	0.028	0.011	0.000	0.000	0.000	0.000	0.000	0.039
ESE	0.000	0.014	0.040	0.000	0.000	0.000	0.000	0.000	0.000	0.055
SE	0.000	0.013	0.022	0.018	0.000	0.000	0.000	0.000	0.000	0.053
SSE	0.000	0.008	0.072	0.009	0.000	0.000	0.000	0.000	0.000	0.089
S	0.000	0.007	0.007	0.056	0.056	0.000	0.000	0.000	0.000	0.126
SSW	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.004
SW	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.008
WSW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
W	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
WNW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NW	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.008
NNW	0.000	0.001	0.031	0.038	0.000	0.000	0.000	0.000	0.000	0.070
SUBTOTAL	0.000	0.092	0.326	0.483	0.064	0.000	0.000	0.000	0.000	0.965

TOTAL HOURS OF VALID OBSERVATIONS 2153.000
 TOTAL HOURS OF GROUND LEVEL RELEASE 276.800
 TOTAL HOURS OF STABILITY CLASS G 120.040
 TOTAL HOURS OF GROUND LEVEL STABILITY CLASS G 20.780

METEOROLOGICAL FACILITY: Browns Ferry Nuclear Plant
 STABILITY BASED ON DELTA-T BETWEEN 10.03 AND 45.30 METERS
 WIND DIRECTION MEASURED AT 10.50 METER LEVEL
 WIND SPEED MEASURED AT 10.50 METER LEVEL
 EFFLUENT VELOCITY = 12.60 M/S

DATE PRINTED: 2006/02/21

NOTE: TOTALS AND SUBTOTALS ARE OBTAINED FROM UNROUNDED NUMBERS

METEOROLOGICAL DATA TABLES

BROWNS FERRY NUCLEAR PLANT

JANUARY - DECEMBER 2005

TABLE 18

JOINT FREQUENCY DISTRIBUTION IN PERCENT

FOR SPLIT LEVEL RELEASES

(ELEVATED PORTION)

FIRST QUARTER

SPLIT JOINT PERCENTAGE FREQUENCIES OF WIND SPEED BY WIND DIRECTION FOR

STABILITY CLASS A (DELTA T<=-1.9 C/100 M)

Browns Ferry Nuclear Plant

PART 2 OF 2 ELEVATED RELEASE MODE

JAN 1, 2005 - MAR 31, 2005

WIND DIRECTION	WIND SPEED (MPH)									TOTAL
	CALM	0.6-1.4	1.5-3.4	3.5-5.4	5.5-7.4	7.5-12.4	12.5-18.4	18.5-24.4	>=24.5	
N	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NNE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ENE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
E	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ESE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SSE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
S	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SSW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
WSW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
W	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
WNW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NNW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SUBTOTAL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

TOTAL HOURS OF VALID OBSERVATIONS 2110.000
 TOTAL HOURS OF ELEVATED RELEASES 1835.420
 TOTAL HOURS OF STABILITY CLASS A 10.180
 TOTAL HOURS OF ELEVATED STABILITY CLASS A 0.000

METEOROLOGICAL FACILITY: Browns Ferry Nuclear Plant
 STABILITY BASED ON DELTA-T BETWEEN 45.30 AND 89.59 METERS
 WIND DIRECTION MEASURED AT 45.74 METER LEVEL
 WIND SPEED MEASURED AT 45.74 METER LEVEL
 EFFLUENT VELOCITY = 12.60 M/S

DATE PRINTED: 2005/06/06

NOTE: TOTALS AND SUBTOTALS ARE OBTAINED FROM UNROUNDED NUMBERS

SPLIT JOINT PERCENTAGE FREQUENCIES OF WIND SPEED BY WIND DIRECTION FOR

STABILITY CLASS B (-1.9 < DELTA T <= -1.7 C/100 M)

Browns Ferry Nuclear Plant

PART 2 OF 2 ELEVATED RELEASE MODE

JAN 1, 2005 - MAR 31, 2005

WIND DIRECTION	WIND SPEED (MPH)									TOTAL
	CALM	0.6-1.4	1.5-3.4	3.5-5.4	5.5-7.4	7.5-12.4	12.5-18.4	18.5-24.4	>=24.5	
N	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NNE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ENE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
E	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ESE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SSE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
S	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SSW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
WSW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
W	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
WNW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NNW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SUBTOTAL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

TOTAL HOURS OF VALID OBSERVATIONS 2110.000
 TOTAL HOURS OF ELEVATED RELEASES 1835.420
 TOTAL HOURS OF STABILITY CLASS B 12.420
 TOTAL HOURS OF ELEVATED STABILITY CLASS B 0.000

METEOROLOGICAL FACILITY: Browns Ferry Nuclear Plant
 STABILITY BASED ON DELTA-T BETWEEN 45.30 AND 89.59 METERS
 WIND DIRECTION MEASURED AT 45.74 METER LEVEL
 WIND SPEED MEASURED AT 45.74 METER LEVEL
 EFFLUENT VELOCITY = 12.60 M/S

DATE PRINTED: 2005/06/06

NOTE: TOTALS AND SUBTOTALS ARE OBTAINED FROM UNROUNDED NUMBERS

SPLIT JOINT PERCENTAGE FREQUENCIES OF WIND SPEED BY WIND DIRECTION FOR

STABILITY CLASS C (-1.7 < DELTA T <= -1.5 C/100 M)

Browns Ferry Nuclear Plant

PART 2 OF 2 ELEVATED RELEASE MODE

JAN 1, 2005 - MAR 31, 2005

WIND DIRECTION	WIND SPEED (MPH)									TOTAL
	CALM	0.6-1.4	1.5-3.4	3.5-5.4	5.5-7.4	7.5-12.4	12.5-18.4	18.5-24.4	>=24.5	
N	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NNE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ENE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
E	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ESE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SSE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
S	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SSW	0.000	0.000	0.000	0.047	0.000	0.000	0.000	0.000	0.000	0.047
SW	0.000	0.000	0.000	0.000	0.045	0.000	0.000	0.000	0.000	0.045
WSW	0.000	0.000	0.000	0.000	0.090	0.084	0.000	0.000	0.000	0.173
W	0.000	0.000	0.000	0.000	0.000	0.082	0.000	0.000	0.000	0.082
WNW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NNW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SUBTOTAL	0.000	0.000	0.000	0.047	0.134	0.166	0.000	0.000	0.000	0.347

TOTAL HOURS OF VALID OBSERVATIONS 2110.000
 TOTAL HOURS OF ELEVATED RELEASES 1835.420
 TOTAL HOURS OF STABILITY CLASS C 19.120
 TOTAL HOURS OF ELEVATED STABILITY CLASS C 7.330

METEOROLOGICAL FACILITY: Browns Ferry Nuclear Plant
 STABILITY BASED ON DELTA-T BETWEEN 45.30 AND 89.59 METERS
 WIND DIRECTION MEASURED AT 45.74 METER LEVEL
 WIND SPEED MEASURED AT 45.74 METER LEVEL
 EFFLUENT VELOCITY = 12.60 M/S

DATE PRINTED: 2005/06/06

NOTE: TOTALS AND SUBTOTALS ARE OBTAINED FROM UNROUNDED NUMBERS

SPLIT JOINT PERCENTAGE FREQUENCIES OF WIND SPEED BY WIND DIRECTION FOR

STABILITY CLASS D (-1.5 < DELTA T <= -0.5 C/100 M)

Browns Ferry Nuclear Plant

PART 2 OF 2 ELEVATED RELEASE MODE

JAN 1, 2005 - MAR 31, 2005

WIND DIRECTION	WIND SPEED (MPH)									TOTAL
	CALM	0.6-1.4	1.5-3.4	3.5-5.4	5.5-7.4	7.5-12.4	12.5-18.4	18.5-24.4	>=24.5	
N	0.000	0.000	0.047	0.379	1.053	2.189	2.199	0.360	0.000	6.227
NNE	0.000	0.000	0.142	0.474	0.726	2.286	1.817	0.036	0.000	5.482
NE	0.000	0.000	0.190	0.711	0.592	1.249	0.655	0.000	0.000	3.397
ENE	0.000	0.000	0.000	0.332	0.180	0.253	0.000	0.000	0.000	0.764
E	0.000	0.000	0.142	0.521	0.368	0.470	0.000	0.000	0.000	1.501
ESE	0.000	0.000	0.000	0.332	0.723	0.749	0.464	0.134	0.000	2.402
SE	0.000	0.000	0.237	0.616	0.599	0.415	0.309	0.116	0.034	2.327
SSE	0.000	0.047	0.237	0.379	0.278	0.667	0.846	0.513	0.000	2.968
S	0.000	0.000	0.379	0.190	0.324	0.783	1.231	0.182	0.018	3.107
SSW	0.000	0.047	0.237	0.427	0.321	1.273	0.583	0.061	0.000	2.949
SW	0.000	0.000	0.427	0.379	0.269	0.827	0.193	0.035	0.000	2.129
WSW	0.000	0.000	0.095	0.664	0.186	1.074	0.540	0.041	0.000	2.600
W	0.000	0.000	0.190	0.379	0.273	1.324	0.739	0.019	0.000	2.925
WNW	0.000	0.000	0.000	0.142	0.648	1.105	1.426	0.727	0.021	4.068
NW	0.000	0.000	0.190	0.142	0.546	1.033	1.612	0.556	0.018	4.097
NNW	0.000	0.000	0.047	0.427	0.560	1.212	1.111	0.283	0.005	3.645
SUBTOTAL	0.000	0.095	2.559	6.493	7.645	16.909	13.727	3.064	0.097	50.588

TOTAL HOURS OF VALID OBSERVATIONS 2110.000
 TOTAL HOURS OF ELEVATED RELEASES 1835.420
 TOTAL HOURS OF STABILITY CLASS D 1177.580
 TOTAL HOURS OF ELEVATED STABILITY CLASS D 1067.410

METEOROLOGICAL FACILITY: Browns Ferry Nuclear Plant
 STABILITY BASED ON DELTA-T BETWEEN 45.30 AND 89.59 METERS
 WIND DIRECTION MEASURED AT 45.74 METER LEVEL
 WIND SPEED MEASURED AT 45.74 METER LEVEL
 EFFLUENT VELOCITY = 12.60 M/S

DATE PRINTED: 2005/06/06

NOTE: TOTALS AND SUBTOTALS ARE OBTAINED FROM UNROUNDED NUMBERS

SPLIT JOINT PERCENTAGE FREQUENCIES OF WIND SPEED BY WIND DIRECTION FOR

STABILITY CLASS E (-0.5 < DELTA T <= 1.5 C/100 M)

Browns Ferry Nuclear Plant

PART 2 OF 2 ELEVATED RELEASE MODE

JAN 1, 2005 - MAR 31, 2005

WIND DIRECTION	WIND SPEED (MPH)									TOTAL
	CALM	0.6-1.4	1.5-3.4	3.5-5.4	5.5-7.4	7.5-12.4	12.5-18.4	18.5-24.4	>=24.5	
N	0.000	0.000	0.142	0.284	0.320	0.621	0.079	0.000	0.000	1.447
NNE	0.000	0.000	0.000	0.047	0.364	0.618	0.274	0.000	0.000	1.303
NE	0.000	0.000	0.095	0.427	0.639	0.716	0.235	0.000	0.000	2.111
ENE	0.000	0.000	0.142	0.142	0.319	0.166	0.039	0.000	0.000	0.809
E	0.000	0.000	0.142	0.284	0.092	0.829	0.000	0.000	0.000	1.348
ESE	0.000	0.000	0.095	0.379	0.456	1.354	0.194	0.000	0.000	2.478
SE	0.000	0.000	0.237	0.284	0.373	1.561	1.583	0.236	0.010	4.285
SSE	0.000	0.000	0.142	0.379	0.454	1.649	0.847	0.262	0.015	3.748
S	0.000	0.000	0.095	0.237	0.452	1.622	0.581	0.101	0.001	3.089
SSW	0.000	0.000	0.237	0.379	0.231	0.907	0.272	0.000	0.000	2.026
SW	0.000	0.000	0.190	0.616	0.589	1.129	0.425	0.000	0.000	2.948
WSW	0.000	0.000	0.237	0.379	0.356	0.337	0.000	0.000	0.000	1.309
W	0.000	0.000	0.095	0.332	0.506	0.127	0.000	0.000	0.000	1.060
WNW	0.000	0.000	0.047	0.332	0.181	0.258	0.000	0.027	0.000	0.845
NW	0.000	0.000	0.000	0.190	0.091	0.583	0.117	0.000	0.000	0.980
NNW	0.000	0.047	0.047	0.190	0.272	0.459	0.353	0.000	0.000	1.368
SUBTOTAL	0.000	0.047	1.943	4.882	5.694	12.936	4.998	0.627	0.027	31.154

TOTAL HOURS OF VALID OBSERVATIONS 2110.000
 TOTAL HOURS OF ELEVATED RELEASES 1835.420
 TOTAL HOURS OF STABILITY CLASS E 722.900
 TOTAL HOURS OF ELEVATED STABILITY CLASS E 657.350

METEOROLOGICAL FACILITY: Browns Ferry Nuclear Plant
 STABILITY BASED ON DELTA-T BETWEEN 45.30 AND 89.59 METERS
 WIND DIRECTION MEASURED AT 45.74 METER LEVEL
 WIND SPEED MEASURED AT 45.74 METER LEVEL
 EFFLUENT VELOCITY = 12.60 M/S

DATE PRINTED: 2005/06/06

NOTE: TOTALS AND SUBTOTALS ARE OBTAINED FROM UNROUNDED NUMBERS

SPLIT JOINT PERCENTAGE FREQUENCIES OF WIND SPEED BY WIND DIRECTION FOR

STABILITY CLASS F (1.5< DELTA T<= 4.0 C/100 M)

Browns Ferry Nuclear Plant

PART 2 OF 2 ELEVATED RELEASE MODE

JAN 1, 2005 - MAR 31, 2005

WIND DIRECTION	WIND SPEED (MPH)									TOTAL
	CALM	0.6-1.4	1.5-3.4	3.5-5.4	5.5-7.4	7.5-12.4	12.5-18.4	18.5-24.4	>=24.5	
N	0.000	0.000	0.000	0.000	0.000	0.040	0.000	0.000	0.000	0.040
NNE	0.000	0.000	0.000	0.000	0.047	0.126	0.000	0.000	0.000	0.173
NE	0.000	0.000	0.047	0.047	0.229	0.212	0.000	0.000	0.000	0.536
ENE	0.000	0.000	0.000	0.047	0.044	0.122	0.039	0.000	0.000	0.253
E	0.000	0.000	0.000	0.000	0.093	0.249	0.000	0.000	0.000	0.342
ESE	0.000	0.000	0.000	0.095	0.000	0.255	0.000	0.000	0.000	0.350
SE	0.000	0.000	0.000	0.000	0.045	0.248	0.039	0.018	0.000	0.350
SSE	0.000	0.000	0.047	0.000	0.000	0.294	0.000	0.000	0.000	0.342
S	0.000	0.000	0.095	0.142	0.136	0.127	0.000	0.000	0.000	0.500
SSW	0.000	0.047	0.000	0.047	0.046	0.000	0.000	0.000	0.000	0.141
SW	0.000	0.000	0.047	0.000	0.047	0.000	0.000	0.000	0.000	0.095
WSW	0.000	0.000	0.047	0.142	0.045	0.000	0.000	0.000	0.000	0.235
W	0.000	0.000	0.095	0.095	0.136	0.088	0.039	0.000	0.000	0.453
WNW	0.000	0.000	0.000	0.047	0.044	0.000	0.000	0.000	0.000	0.091
NW	0.000	0.000	0.000	0.047	0.047	0.000	0.000	0.000	0.000	0.095
NNW	0.000	0.000	0.000	0.047	0.045	0.000	0.000	0.000	0.000	0.093
SUBTOTAL	0.000	0.047	0.379	0.758	1.007	1.761	0.118	0.018	0.000	4.089

TOTAL HOURS OF VALID OBSERVATIONS 2110.000
 TOTAL HOURS OF ELEVATED RELEASES 1835.420
 TOTAL HOURS OF STABILITY CLASS F 133.740
 TOTAL HOURS OF ELEVATED STABILITY CLASS F 86.280

METEOROLOGICAL FACILITY: Browns Ferry Nuclear Plant
 STABILITY BASED ON DELTA-T BETWEEN 45.30 AND 89.59 METERS
 WIND DIRECTION MEASURED AT 45.74 METER LEVEL
 WIND SPEED MEASURED AT 45.74 METER LEVEL
 EFFLUENT VELOCITY = 12.60 M/S

DATE PRINTED: 2005/06/06

NOTE: TOTALS AND SUBTOTALS ARE OBTAINED FROM UNROUNDED NUMBERS

SPLIT JOINT PERCENTAGE FREQUENCIES OF WIND SPEED BY WIND DIRECTION FOR

STABILITY CLASS G (DELTA T > 4.0 C/100 M)

Browns Ferry Nuclear Plant

PART 2 OF 2 ELEVATED RELEASE MODE

JAN 1, 2005 - MAR 31, 2005

WIND DIRECTION	WIND SPEED (MPH)									TOTAL
	CALM	0.6-1.4	1.5-3.4	3.5-5.4	5.5-7.4	7.5-12.4	12.5-18.4	18.5-24.4	>=24.5	
N	0.000	0.000	0.000	0.047	0.000	0.000	0.000	0.000	0.000	0.047
NNE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ENE	0.000	0.000	0.000	0.000	0.000	0.085	0.000	0.000	0.000	0.085
E	0.000	0.000	0.000	0.000	0.047	0.000	0.000	0.000	0.000	0.047
ESE	0.000	0.000	0.000	0.047	0.000	0.000	0.000	0.000	0.000	0.047
SE	0.000	0.000	0.000	0.047	0.181	0.168	0.000	0.000	0.000	0.397
SSE	0.000	0.000	0.000	0.047	0.000	0.042	0.000	0.000	0.000	0.089
S	0.000	0.000	0.000	0.047	0.000	0.000	0.000	0.000	0.000	0.047
SSW	0.000	0.000	0.000	0.000	0.047	0.000	0.000	0.000	0.000	0.047
SW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
WSW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
W	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
WNW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NNW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SUBTOTAL	0.000	0.000	0.000	0.237	0.276	0.295	0.000	0.000	0.000	0.808

TOTAL HOURS OF VALID OBSERVATIONS 2110.000
 TOTAL HOURS OF ELEVATED RELEASES 1835.420
 TOTAL HOURS OF STABILITY CLASS G 34.060
 TOTAL HOURS OF ELEVATED STABILITY CLASS G 17.050

METEOROLOGICAL FACILITY: Browns Ferry Nuclear Plant
 STABILITY BASED ON DELTA-T BETWEEN 45.30 AND 89.59 METERS
 WIND DIRECTION MEASURED AT 45.74 METER LEVEL
 WIND SPEED MEASURED AT 45.74 METER LEVEL
 EFFLUENT VELOCITY = 12.60 M/S

DATE PRINTED: 2005/06/06

NOTE: TOTALS AND SUBTOTALS ARE OBTAINED FROM UNROUNDED NUMBERS

METEOROLOGICAL DATA TABLES

BROWNS FERRY NUCLEAR PLANT

JANUARY - DECEMBER 2005

TABLE 19

JOINT FREQUENCY DISTRIBUTION IN PERCENT

FOR SPLIT LEVEL RELEASES

(ELEVATED PORTION)

SECOND QUARTER

SPLIT JOINT PERCENTAGE FREQUENCIES OF WIND SPEED BY WIND DIRECTION FOR

STABILITY CLASS A (DELTA T<=-1.9 C/100 M)

Browns Ferry Nuclear Plant

PART 2 OF 2 ELEVATED RELEASE MODE

APR 1, 2005 - JUN 30, 2005

WIND DIRECTION	WIND SPEED (MPH)									TOTAL
	CALM	0.6-1.4	1.5-3.4	3.5-5.4	5.5-7.4	7.5-12.4	12.5-18.4	18.5-24.4	>=24.5	
N	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NNE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ENE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
E	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ESE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SSE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
S	0.000	0.000	0.047	0.047	0.000	0.000	0.000	0.000	0.000	0.094
SSW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
WSW	0.000	0.000	0.000	0.047	0.000	0.000	0.000	0.000	0.000	0.047
W	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
WNW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NNW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SUBTOTAL	0.000	0.000	0.047	0.094	0.000	0.000	0.000	0.000	0.000	0.141

TOTAL HOURS OF VALID OBSERVATIONS 2122.000
 TOTAL HOURS OF ELEVATED RELEASES 1928.380
 TOTAL HOURS OF STABILITY CLASS A 17.460
 TOTAL HOURS OF ELEVATED STABILITY CLASS A 3.000

METEOROLOGICAL FACILITY: Browns Ferry Nuclear Plant
 STABILITY BASED ON DELTA-T BETWEEN 45.30 AND 89.59 METERS
 WIND DIRECTION MEASURED AT 45.74 METER LEVEL
 WIND SPEED MEASURED AT 45.74 METER LEVEL
 EFFLUENT VELOCITY = 12.60 M/S

DATE PRINTED: 2005/08/25

NOTE: TOTALS AND SUBTOTALS ARE OBTAINED FROM UNROUNDED NUMBERS

SPLIT JOINT PERCENTAGE FREQUENCIES OF WIND SPEED BY WIND DIRECTION FOR

STABILITY CLASS B (-1.9 < DELTA T <= -1.7 C/100 M)

Browns Ferry Nuclear Plant

PART 2 OF 2 ELEVATED RELEASE MODE

APR 1, 2005 - JUN 30, 2005

WIND DIRECTION	WIND SPEED (MPH)									TOTAL
	CALM	0.6-1.4	1.5-3.4	3.5-5.4	5.5-7.4	7.5-12.4	12.5-18.4	18.5-24.4	>=24.5	
N	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NNE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ENE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
E	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ESE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SSE	0.000	0.000	0.047	0.047	0.000	0.000	0.000	0.000	0.000	0.094
S	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SSW	0.000	0.000	0.047	0.000	0.000	0.000	0.000	0.000	0.000	0.047
SW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
WSW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
W	0.000	0.000	0.000	0.000	0.044	0.000	0.000	0.000	0.000	0.044
WNW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NNW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SUBTOTAL	0.000	0.000	0.094	0.047	0.044	0.000	0.000	0.000	0.000	0.186

TOTAL HOURS OF VALID OBSERVATIONS 2122.000
 TOTAL HOURS OF ELEVATED RELEASES 1928.380
 TOTAL HOURS OF STABILITY CLASS B 14.490

TOTAL HOURS OF ELEVATED STABILITY CLASS B 3.940

METEOROLOGICAL FACILITY: Browns Ferry Nuclear Plant
 STABILITY BASED ON DELTA-T BETWEEN 45.30 AND 89.59 METERS
 WIND DIRECTION MEASURED AT 45.74 METER LEVEL
 WIND SPEED MEASURED AT 45.74 METER LEVEL
 EFFLUENT VELOCITY = 12.60 M/S

DATE PRINTED: 2005/08/25

NOTE: TOTALS AND SUBTOTALS ARE OBTAINED FROM UNROUNDED NUMBERS

SPLIT JOINT PERCENTAGE FREQUENCIES OF WIND SPEED BY WIND DIRECTION FOR

STABILITY CLASS C (-1.7 < DELTA T <= -1.5 C/100 M)

Browns Ferry Nuclear Plant

PART 2 OF 2 ELEVATED RELEASE MODE

APR 1, 2005 - JUN 30, 2005

WIND DIRECTION	WIND SPEED (MPH)									TOTAL
	CALM	0.6-1.4	1.5-3.4	3.5-5.4	5.5-7.4	7.5-12.4	12.5-18.4	18.5-24.4	>=24.5	
N	0.000	0.000	0.000	0.000	0.000	0.247	0.039	0.000	0.000	0.286
NNE	0.000	0.000	0.000	0.000	0.044	0.164	0.000	0.000	0.000	0.209
NE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ENE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
E	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ESE	0.000	0.000	0.000	0.000	0.000	0.040	0.000	0.000	0.000	0.040
SE	0.000	0.000	0.000	0.094	0.046	0.000	0.000	0.000	0.000	0.140
SSE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
S	0.000	0.000	0.000	0.094	0.134	0.043	0.000	0.000	0.000	0.272
SSW	0.000	0.000	0.000	0.000	0.047	0.041	0.000	0.000	0.000	0.088
SW	0.000	0.000	0.000	0.047	0.047	0.000	0.000	0.000	0.000	0.094
WSW	0.000	0.000	0.000	0.000	0.046	0.000	0.000	0.000	0.000	0.046
W	0.000	0.000	0.000	0.000	0.000	0.043	0.000	0.000	0.000	0.043
WNW	0.000	0.000	0.000	0.000	0.000	0.042	0.189	0.000	0.000	0.231
NW	0.000	0.000	0.000	0.000	0.000	0.000	0.039	0.000	0.000	0.039
NNW	0.000	0.000	0.000	0.000	0.000	0.000	0.151	0.000	0.000	0.151
SUBTOTAL	0.000	0.000	0.000	0.236	0.364	0.622	0.418	0.000	0.000	1.639

TOTAL HOURS OF VALID OBSERVATIONS 2122.000
 TOTAL HOURS OF ELEVATED RELEASES 1928.380
 TOTAL HOURS OF STABILITY CLASS C 44.520
 TOTAL HOURS OF ELEVATED STABILITY CLASS C 34.780

METEOROLOGICAL FACILITY: Browns Ferry Nuclear Plant
 STABILITY BASED ON DELTA-T BETWEEN 45.30 AND 89.59 METERS
 WIND DIRECTION MEASURED AT 45.74 METER LEVEL
 WIND SPEED MEASURED AT 45.74 METER LEVEL
 EFFLUENT VELOCITY = 12.60 M/S

DATE PRINTED: 2005/08/25

NOTE: TOTALS AND SUBTOTALS ARE OBTAINED FROM UNROUNDED NUMBERS

SPLIT JOINT PERCENTAGE FREQUENCIES OF WIND SPEED BY WIND DIRECTION FOR

STABILITY CLASS D (-1.5 < DELTA T <= -0.5 C/100 M)

Browns Ferry Nuclear Plant

PART 2 OF 2 ELEVATED RELEASE MODE

APR 1, 2005 - JUN 30, 2005

WIND DIRECTION	WIND SPEED (MPH)									TOTAL
	CALM	0.6-1.4	1.5-3.4	3.5-5.4	5.5-7.4	7.5-12.4	12.5-18.4	18.5-24.4	>=24.5	
N	0.000	0.000	0.189	0.189	0.455	1.230	0.154	0.000	0.000	2.216
NNE	0.000	0.000	0.141	0.518	0.680	0.902	0.270	0.000	0.000	2.511
NE	0.000	0.000	0.094	0.330	0.184	0.294	0.038	0.000	0.000	0.941
ENE	0.000	0.000	0.141	0.047	0.000	0.128	0.193	0.000	0.000	0.509
E	0.000	0.000	0.094	0.236	0.275	0.696	0.229	0.000	0.000	1.529
ESE	0.000	0.000	0.330	0.377	0.816	1.519	0.309	0.022	0.000	3.373
SE	0.000	0.000	0.754	1.602	1.007	1.538	0.578	0.241	0.000	5.721
SSE	0.000	0.000	0.801	0.943	0.815	1.204	0.459	0.106	0.007	4.335
S	0.000	0.000	0.518	0.660	0.824	0.746	0.882	0.251	0.020	3.900
SSW	0.000	0.000	0.471	0.990	0.277	0.734	0.310	0.027	0.000	2.808
SW	0.000	0.047	0.141	0.801	0.449	0.504	0.116	0.000	0.000	2.058
WSW	0.000	0.000	0.330	0.754	0.638	0.337	0.269	0.000	0.000	2.327
W	0.000	0.000	0.236	0.613	0.995	1.210	0.230	0.036	0.000	3.320
WNW	0.000	0.000	0.000	0.330	0.815	1.488	1.037	0.145	0.008	3.823
NW	0.000	0.000	0.141	0.660	0.724	1.867	0.951	0.582	0.023	4.948
NNW	0.000	0.000	0.141	0.236	0.364	1.187	0.922	0.037	0.000	2.887
SUBTOTAL	0.000	0.047	4.524	9.284	9.317	15.583	6.947	1.447	0.057	47.205

TOTAL HOURS OF VALID OBSERVATIONS 2122.000
 TOTAL HOURS OF ELEVATED RELEASES 1928.380
 TOTAL HOURS OF STABILITY CLASS D 1072.800
 TOTAL HOURS OF ELEVATED STABILITY CLASS D 1001.700

METEOROLOGICAL FACILITY: Browns Ferry Nuclear Plant
 STABILITY BASED ON DELTA-T BETWEEN 45.30 AND 89.59 METERS
 WIND DIRECTION MEASURED AT 45.74 METER LEVEL
 WIND SPEED MEASURED AT 45.74 METER LEVEL
 EFFLUENT VELOCITY = 12.60 M/S

DATE PRINTED: 2005/08/25

NOTE: TOTALS AND SUBTOTALS ARE OBTAINED FROM UNROUNDED NUMBERS

SPLIT JOINT PERCENTAGE FREQUENCIES OF WIND SPEED BY WIND DIRECTION FOR

STABILITY CLASS E (-0.5 < DELTA T <= 1.5 C/100 M)

Browns Ferry Nuclear Plant

PART 2 OF 2 ELEVATED RELEASE MODE

APR 1, 2005 - JUN 30, 2005

WIND DIRECTION	WIND SPEED (MPH)									TOTAL
	CALM	0.6-1.4	1.5-3.4	3.5-5.4	5.5-7.4	7.5-12.4	12.5-18.4	18.5-24.4	>=24.5	
N	0.000	0.000	0.094	0.330	0.402	0.867	0.193	0.000	0.000	1.886
NNE	0.000	0.047	0.330	0.283	0.181	1.149	0.231	0.000	0.000	2.222
NE	0.000	0.000	0.047	0.236	0.045	0.491	0.000	0.000	0.000	0.819
ENE	0.000	0.047	0.141	0.189	0.364	0.542	0.000	0.000	0.000	1.283
E	0.000	0.000	0.189	0.141	0.451	0.384	0.039	0.000	0.000	1.203
ESE	0.000	0.047	0.189	0.613	0.499	0.910	0.191	0.027	0.000	2.476
SE	0.000	0.000	0.189	0.895	0.951	1.136	0.193	0.130	0.000	3.493
SSE	0.000	0.000	0.518	1.272	0.782	1.073	0.498	0.225	0.000	4.369
S	0.000	0.000	0.424	0.660	0.459	1.372	0.229	0.134	0.000	3.279
SSW	0.000	0.000	0.424	0.518	0.312	0.419	0.078	0.000	0.000	1.751
SW	0.000	0.000	0.471	0.471	0.458	0.128	0.000	0.000	0.000	1.528
WSW	0.000	0.000	0.189	0.283	0.230	0.082	0.000	0.000	0.000	0.784
W	0.000	0.000	0.094	0.660	0.546	0.462	0.038	0.000	0.000	1.800
WNW	0.000	0.000	0.141	0.236	0.226	0.166	0.038	0.000	0.000	0.808
NW	0.000	0.047	0.283	0.094	0.270	0.836	0.039	0.052	0.000	1.621
NNW	0.000	0.047	0.189	0.236	0.361	0.706	0.000	0.000	0.000	1.539
SUBTOTAL	0.000	0.236	3.911	7.116	6.538	10.725	1.767	0.568	0.000	30.861

TOTAL HOURS OF VALID OBSERVATIONS 2122.000
 TOTAL HOURS OF ELEVATED RELEASES 1928.380
 TOTAL HOURS OF STABILITY CLASS E 708.330
 TOTAL HOURS OF ELEVATED STABILITY CLASS E 654.860

METEOROLOGICAL FACILITY: Browns Ferry Nuclear Plant
 STABILITY BASED ON DELTA-T BETWEEN 45.30 AND 89.59 METERS
 WIND DIRECTION MEASURED AT 45.74 METER LEVEL
 WIND SPEED MEASURED AT 45.74 METER LEVEL
 EFFLUENT VELOCITY = 12.60 M/S

DATE PRINTED: 2005/08/25

NOTE: TOTALS AND SUBTOTALS ARE OBTAINED FROM UNROUNDED NUMBERS

SPLIT JOINT PERCENTAGE FREQUENCIES OF WIND SPEED BY WIND DIRECTION FOR
STABILITY CLASS F (1.5 < DELTA T <= 4.0 C/100 M)

Browns Ferry Nuclear Plant

PART 2 OF 2 ELEVATED RELEASE MODE

APR 1, 2005 - JUN 30, 2005

WIND DIRECTION	WIND SPEED (MPH)									TOTAL
	CALM	0.6-1.4	1.5-3.4	3.5-5.4	5.5-7.4	7.5-12.4	12.5-18.4	18.5-24.4	>=24.5	
N	0.000	0.000	0.094	0.094	0.047	0.821	0.000	0.000	0.000	1.056
NNE	0.000	0.000	0.094	0.189	0.093	0.525	0.311	0.000	0.000	1.212
NE	0.000	0.047	0.000	0.189	0.136	0.168	0.078	0.000	0.000	0.617
ENE	0.000	0.000	0.000	0.094	0.045	0.290	0.039	0.000	0.000	0.468
E	0.000	0.000	0.000	0.047	0.137	0.255	0.000	0.000	0.000	0.439
ESE	0.000	0.000	0.047	0.141	0.139	0.214	0.039	0.000	0.000	0.581
SE	0.000	0.000	0.141	0.283	0.591	0.211	0.000	0.000	0.000	1.226
SSE	0.000	0.047	0.047	0.141	0.047	0.000	0.000	0.000	0.000	0.283
S	0.000	0.000	0.236	0.141	0.092	0.250	0.000	0.000	0.000	0.719
SSW	0.000	0.000	0.047	0.283	0.274	0.166	0.000	0.000	0.000	0.770
SW	0.000	0.000	0.094	0.330	0.139	0.000	0.000	0.000	0.000	0.563
WSW	0.000	0.000	0.047	0.094	0.047	0.000	0.000	0.000	0.000	0.189
W	0.000	0.047	0.000	0.283	0.045	0.082	0.000	0.000	0.000	0.457
WNW	0.000	0.000	0.047	0.000	0.000	0.000	0.000	0.000	0.000	0.047
NW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NNW	0.000	0.047	0.000	0.047	0.182	0.124	0.000	0.000	0.000	0.401
SUBTOTAL	0.000	0.189	0.895	2.356	2.015	3.106	0.468	0.000	0.000	9.028

TOTAL HOURS OF VALID OBSERVATIONS	2122.000
TOTAL HOURS OF ELEVATED RELEASES	1928.380
TOTAL HOURS OF STABILITY CLASS F	214.720
TOTAL HOURS OF ELEVATED STABILITY CLASS F	191.580

METEOROLOGICAL FACILITY: Browns Ferry Nuclear Plant
 STABILITY BASED ON DELTA-T BETWEEN 45.30 AND 89.59 METERS
 WIND DIRECTION MEASURED AT 45.74 METER LEVEL
 WIND SPEED MEASURED AT 45.74 METER LEVEL
 EFFLUENT VELOCITY = 12.60 M/S

DATE PRINTED: 2005/08/25

NOTE: TOTALS AND SUBTOTALS ARE OBTAINED FROM UNROUNDED NUMBERS

SPLIT JOINT PERCENTAGE FREQUENCIES OF WIND SPEED BY WIND DIRECTION FOR

STABILITY CLASS G (DELTA T > 4.0 C/100 M)

Browns Ferry Nuclear Plant

PART 2 OF 2 ELEVATED RELEASE MODE

APR 1, 2005 - JUN 30, 2005

WIND DIRECTION	WIND SPEED(MPH)									TOTAL
	CALM	0.6-1.4	1.5-3.4	3.5-5.4	5.5-7.4	7.5-12.4	12.5-18.4	18.5-24.4	>=24.5	
N	0.000	0.000	0.047	0.094	0.089	0.321	0.000	0.000	0.000	0.551
NNE	0.000	0.000	0.000	0.047	0.044	0.203	0.000	0.000	0.000	0.294
NE	0.000	0.000	0.000	0.000	0.045	0.000	0.000	0.000	0.000	0.045
ENE	0.000	0.000	0.000	0.000	0.000	0.043	0.000	0.000	0.000	0.043
E	0.000	0.000	0.047	0.000	0.000	0.000	0.000	0.000	0.000	0.047
ESE	0.000	0.000	0.000	0.000	0.000	0.043	0.000	0.000	0.000	0.043
SE	0.000	0.000	0.094	0.000	0.136	0.000	0.000	0.000	0.000	0.230
SSE	0.000	0.000	0.000	0.047	0.046	0.000	0.000	0.000	0.000	0.093
S	0.000	0.000	0.047	0.047	0.047	0.000	0.000	0.000	0.000	0.141
SSW	0.000	0.000	0.000	0.141	0.000	0.000	0.000	0.000	0.000	0.141
SW	0.000	0.000	0.047	0.000	0.000	0.000	0.000	0.000	0.000	0.047
WSW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
W	0.000	0.047	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.047
WNW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NW	0.000	0.000	0.000	0.047	0.000	0.000	0.000	0.000	0.000	0.047
NNW	0.000	0.000	0.000	0.000	0.044	0.000	0.000	0.000	0.000	0.044
SUBTOTAL	0.000	0.047	0.283	0.424	0.451	0.610	0.000	0.000	0.000	1.815

TOTAL HOURS OF VALID OBSERVATIONS 2122.000
 TOTAL HOURS OF ELEVATED RELEASES 1928.380
 TOTAL HOURS OF STABILITY CLASS G 49.680
 TOTAL HOURS OF ELEVATED STABILITY CLASS G 38.520

METEOROLOGICAL FACILITY: Browns Ferry Nuclear Plant
 STABILITY BASED ON DELTA-T BETWEEN 45.30 AND 89.59 METERS
 WIND DIRECTION MEASURED AT 45.74 METER LEVEL
 WIND SPEED MEASURED AT 45.74 METER LEVEL
 EFFLUENT VELOCITY = 12.60 M/S

DATE PRINTED: 2005/08/25

NOTE: TOTALS AND SUBTOTALS ARE OBTAINED FROM UNROUNDED NUMBERS

METEOROLOGICAL DATA TABLES

BROWNS FERRY NUCLEAR PLANT

JANUARY - DECEMBER 2005

TABLE 20

JOINT FREQUENCY DISTRIBUTION IN PERCENT

FOR SPLIT LEVEL RELEASES

(ELEVATED PORTION)

THIRD QUARTER

SPLIT JOINT PERCENTAGE FREQUENCIES OF WIND SPEED BY WIND DIRECTION FOR

STABILITY CLASS A (DELTA T<=-1.9 C/100 M)

Browns Ferry Nuclear Plant

PART 2 OF 2 ELEVATED RELEASE MODE

JUL 1, 2005 - SEP 30, 2005

WIND DIRECTION	WIND SPEED (MPH)									TOTAL
	CALM	0.6-1.4	1.5-3.4	3.5-5.4	5.5-7.4	7.5-12.4	12.5-18.4	18.5-24.4	>=24.5	
N	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NNE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ENE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
E	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ESE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SSE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
S	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SSW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
WSW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
W	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
WNW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NNW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SUBTOTAL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

TOTAL HOURS OF VALID OBSERVATIONS 2159.000
 TOTAL HOURS OF ELEVATED RELEASES 2018.280
 TOTAL HOURS OF STABILITY CLASS A 12.390
 TOTAL HOURS OF ELEVATED STABILITY CLASS A 0.000

METEOROLOGICAL FACILITY: Browns Ferry Nuclear Plant
 STABILITY BASED ON DELTA-T BETWEEN 45.30 AND 89.59 METERS
 WIND DIRECTION MEASURED AT 45.74 METER LEVEL
 WIND SPEED MEASURED AT 45.74 METER LEVEL
 EFFLUENT VELOCITY = 12.60 M/S

DATE PRINTED: 2005/12/09

NOTE: TOTALS AND SUBTOTALS ARE OBTAINED FROM UNROUNDED NUMBERS

SPLIT JOINT PERCENTAGE FREQUENCIES OF WIND SPEED BY WIND DIRECTION FOR

STABILITY CLASS B (-1.9 < DELTA T <= -1.7 C/100 M)

Browns Ferry Nuclear Plant

PART 2 OF 2 ELEVATED RELEASE MODE

JUL 1, 2005 - SEP 30, 2005

WIND DIRECTION	WIND SPEED (MPH)									TOTAL
	CALM	0.6-1.4	1.5-3.4	3.5-5.4	5.5-7.4	7.5-12.4	12.5-18.4	18.5-24.4	>=24.5	
N	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NNE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ENE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
E	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ESE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SSE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
S	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SSW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
WSW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
W	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
WNW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NNW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SUBTOTAL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

TOTAL HOURS OF VALID OBSERVATIONS 2159.000
 TOTAL HOURS OF ELEVATED RELEASES 2018.280
 TOTAL HOURS OF STABILITY CLASS B 5.240
 TOTAL HOURS OF ELEVATED STABILITY CLASS B 0.000

METEOROLOGICAL FACILITY: Browns Ferry Nuclear Plant
 STABILITY BASED ON DELTA-T BETWEEN 45.30 AND 89.59 METERS
 WIND DIRECTION MEASURED AT 45.74 METER LEVEL
 WIND SPEED MEASURED AT 45.74 METER LEVEL
 EFFLUENT VELOCITY = 12.60 M/S

DATE PRINTED: 2005/12/09

NOTE: TOTALS AND SUBTOTALS ARE OBTAINED FROM UNROUNDED NUMBERS

SPLIT JOINT PERCENTAGE FREQUENCIES OF WIND SPEED BY WIND DIRECTION FOR
 STABILITY CLASS C (-1.7 < DELTA T <= -1.5 C/100 M)

Browns Ferry Nuclear Plant

PART 2 OF 2 ELEVATED RELEASE MODE

JUL 1, 2005 - SEP 30, 2005

WIND DIRECTION	WIND SPEED (MPH)									TOTAL
	CALM	0.6-1.4	1.5-3.4	3.5-5.4	5.5-7.4	7.5-12.4	12.5-18.4	18.5-24.4	>=24.5	
N	0.000	0.000	0.000	0.000	0.000	0.040	0.000	0.000	0.000	0.040
NNE	0.000	0.000	0.000	0.000	0.000	0.039	0.038	0.000	0.000	0.077
NE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ENE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
E	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ESE	0.000	0.000	0.000	0.000	0.000	0.041	0.000	0.000	0.000	0.041
SE	0.000	0.000	0.000	0.093	0.000	0.000	0.038	0.000	0.000	0.131
SSE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
S	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SSW	0.000	0.000	0.000	0.000	0.044	0.000	0.000	0.000	0.000	0.044
SW	0.000	0.000	0.000	0.046	0.045	0.000	0.000	0.000	0.000	0.092
WSW	0.000	0.000	0.000	0.046	0.000	0.000	0.000	0.000	0.000	0.046
W	0.000	0.000	0.000	0.000	0.044	0.000	0.000	0.000	0.000	0.044
WNW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NNW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SUBTOTAL	0.000	0.000	0.000	0.185	0.133	0.120	0.076	0.000	0.000	0.515

TOTAL HOURS OF VALID OBSERVATIONS 2159.000
 TOTAL HOURS OF ELEVATED RELEASES 2018.280
 TOTAL HOURS OF STABILITY CLASS C 18.430
 TOTAL HOURS OF ELEVATED STABILITY CLASS C 11.110

METEOROLOGICAL FACILITY: Browns Ferry Nuclear Plant
 STABILITY BASED ON DELTA-T BETWEEN 45.30 AND 89.59 METERS
 WIND DIRECTION MEASURED AT 45.74 METER LEVEL
 WIND SPEED MEASURED AT 45.74 METER LEVEL
 EFFLUENT VELOCITY = 12.60 M/S

DATE PRINTED: 2005/12/09

NOTE: TOTALS AND SUBTOTALS ARE OBTAINED FROM UNROUNDED NUMBERS

SPLIT JOINT PERCENTAGE FREQUENCIES OF WIND SPEED BY WIND DIRECTION FOR

STABILITY CLASS D (-1.5 < DELTA T <= -0.5 C/100 M)

Browns Ferry Nuclear Plant

PART 2 OF 2 ELEVATED RELEASE MODE

JUL 1, 2005 - SEP 30, 2005

WIND DIRECTION	WIND SPEED (MPH)									TOTAL
	CALM	0.6-1.4	1.5-3.4	3.5-5.4	5.5-7.4	7.5-12.4	12.5-18.4	18.5-24.4	>=24.5	
N	0.000	0.046	0.371	0.371	0.535	1.132	0.192	0.013	0.000	2.659
NNE	0.000	0.000	0.185	0.185	0.543	0.445	0.114	0.000	0.000	1.472
NE	0.000	0.000	0.278	0.509	0.360	0.199	0.000	0.049	0.000	1.396
ENE	0.000	0.000	0.232	0.371	0.441	0.372	0.076	0.165	0.009	1.666
E	0.000	0.000	0.324	0.602	0.361	0.449	0.037	0.000	0.000	1.773
ESE	0.000	0.000	0.278	0.556	0.717	1.351	0.189	0.055	0.000	3.146
SE	0.000	0.046	0.371	1.575	1.646	1.633	0.491	0.290	0.014	6.066
SSE	0.000	0.000	0.926	1.575	1.200	1.268	0.344	0.072	0.004	5.388
S	0.000	0.000	1.158	1.390	0.934	1.511	0.113	0.035	0.000	5.141
SSW	0.000	0.000	0.834	1.945	0.624	0.604	0.189	0.000	0.000	4.195
SW	0.000	0.000	1.112	1.204	0.220	0.247	0.038	0.000	0.000	2.821
WSW	0.000	0.000	0.463	1.992	0.499	0.208	0.000	0.044	0.000	3.205
W	0.000	0.000	0.371	1.251	0.987	0.582	0.112	0.037	0.000	3.338
WNW	0.000	0.000	0.046	0.463	0.938	1.028	0.000	0.000	0.000	2.476
NW	0.000	0.000	0.324	0.324	0.622	0.863	0.077	0.000	0.000	2.210
NNW	0.000	0.000	0.232	0.324	0.357	0.692	0.000	0.000	0.000	1.605
SUBTOTAL	0.000	0.093	7.503	14.636	10.986	12.583	1.971	0.759	0.027	48.558

TOTAL HOURS OF VALID OBSERVATIONS 2159.000
 TOTAL HOURS OF ELEVATED RELEASES 2018.280
 TOTAL HOURS OF STABILITY CLASS D 1102.690
 TOTAL HOURS OF ELEVATED STABILITY CLASS D 1048.370

METEOROLOGICAL FACILITY: Browns Ferry Nuclear Plant
 STABILITY BASED ON DELTA-T BETWEEN 45.30 AND 89.59 METERS
 WIND DIRECTION MEASURED AT 45.74 METER LEVEL
 WIND SPEED MEASURED AT 45.74 METER LEVEL
 EFFLUENT VELOCITY = 12.60 M/S

DATE PRINTED: 2005/12/09

NOTE: TOTALS AND SUBTOTALS ARE OBTAINED FROM UNROUNDED NUMBERS

SPLIT JOINT PERCENTAGE FREQUENCIES OF WIND SPEED BY WIND DIRECTION FOR

STABILITY CLASS E (-0.5 < DELTA T <= 1.5 C/100 M)

Browns Ferry Nuclear Plant

PART 2 OF 2 ELEVATED RELEASE MODE

JUL 1, 2005 - SEP 30, 2005

WIND DIRECTION	WIND SPEED (MPH)									TOTAL
	CALM	0.6-1.4	1.5-3.4	3.5-5.4	5.5-7.4	7.5-12.4	12.5-18.4	18.5-24.4	>=24.5	
N	0.000	0.000	0.232	0.139	0.482	1.306	0.037	0.000	0.000	2.195
NNE	0.000	0.000	0.324	0.324	0.529	0.942	0.190	0.000	0.000	2.310
NE	0.000	0.046	0.232	0.417	0.664	0.545	0.189	0.000	0.000	2.093
ENE	0.000	0.000	0.232	0.556	1.031	1.156	0.074	0.000	0.013	3.061
E	0.000	0.000	0.602	0.556	0.976	1.401	0.076	0.000	0.001	3.612
ESE	0.000	0.000	0.371	0.695	0.673	1.526	0.000	0.000	0.000	3.264
SE	0.000	0.046	0.509	0.834	0.360	0.774	0.113	0.063	0.000	2.699
SSE	0.000	0.000	0.556	0.556	0.313	0.164	0.000	0.000	0.000	1.589
S	0.000	0.139	0.973	1.065	0.403	0.170	0.000	0.000	0.000	2.749
SSW	0.000	0.000	0.741	0.509	0.360	0.289	0.038	0.000	0.000	1.937
SW	0.000	0.046	0.880	0.648	0.043	0.082	0.000	0.000	0.000	1.700
WSW	0.000	0.046	0.741	0.602	0.043	0.041	0.000	0.000	0.000	1.474
W	0.000	0.046	0.324	0.741	0.177	0.126	0.000	0.000	0.000	1.415
WNW	0.000	0.000	0.371	0.278	0.133	0.000	0.000	0.000	0.000	0.782
NW	0.000	0.000	0.278	0.324	0.176	0.290	0.074	0.000	0.000	1.143
NNW	0.000	0.000	0.278	0.232	0.268	0.526	0.037	0.000	0.000	1.340
SUBTOTAL	0.000	0.371	7.642	8.476	6.632	9.338	0.828	0.063	0.013	33.364

TOTAL HOURS OF VALID OBSERVATIONS 2159.000
 TOTAL HOURS OF ELEVATED RELEASES 2018.280
 TOTAL HOURS OF STABILITY CLASS E 757.470
 TOTAL HOURS OF ELEVATED STABILITY CLASS E 720.330

METEOROLOGICAL FACILITY: Browns Ferry Nuclear Plant
 STABILITY BASED ON DELTA-T BETWEEN 45.30 AND 89.59 METERS
 WIND DIRECTION MEASURED AT 45.74 METER LEVEL
 WIND SPEED MEASURED AT 45.74 METER LEVEL
 EFFLUENT VELOCITY = 12.60 M/S

DATE PRINTED: 2005/12/09

NOTE: TOTALS AND SUBTOTALS ARE OBTAINED FROM UNROUNDED NUMBERS

SPLIT JOINT PERCENTAGE FREQUENCIES OF WIND SPEED BY WIND DIRECTION FOR

STABILITY CLASS F (1.5 < DELTA T <= 4.0 C/100 M)

Browns Ferry Nuclear Plant

PART 2 OF 2 ELEVATED RELEASE MODE

JUL 1, 2005 - SEP 30, 2005

WIND DIRECTION	WIND SPEED (MPH)									TOTAL
	CALM	0.6-1.4	1.5-3.4	3.5-5.4	5.5-7.4	7.5-12.4	12.5-18.4	18.5-24.4	>=24.5	
N	0.000	0.000	0.185	0.139	0.179	0.604	0.230	0.000	0.000	1.337
NNE	0.000	0.000	0.139	0.046	0.178	0.573	0.456	0.000	0.000	1.392
NE	0.000	0.000	0.185	0.324	0.182	0.653	0.000	0.000	0.000	1.344
ENE	0.000	0.000	0.046	0.046	0.441	0.285	0.038	0.000	0.000	0.857
E	0.000	0.000	0.139	0.185	0.572	0.868	0.000	0.000	0.000	1.765
ESE	0.000	0.000	0.139	0.139	0.184	0.289	0.000	0.000	0.000	0.750
SE	0.000	0.000	0.046	0.046	0.000	0.000	0.000	0.000	0.000	0.093
SSE	0.000	0.000	0.000	0.046	0.000	0.000	0.000	0.000	0.000	0.046
S	0.000	0.000	0.093	0.046	0.000	0.000	0.000	0.000	0.000	0.139
SSW	0.000	0.000	0.139	0.232	0.000	0.041	0.000	0.000	0.000	0.411
SW	0.000	0.000	0.046	0.093	0.000	0.000	0.000	0.000	0.000	0.139
WSW	0.000	0.000	0.046	0.000	0.000	0.000	0.000	0.000	0.000	0.046
W	0.000	0.046	0.139	0.046	0.044	0.000	0.000	0.000	0.000	0.276
WNW	0.000	0.000	0.046	0.000	0.000	0.000	0.000	0.000	0.000	0.046
NW	0.000	0.000	0.000	0.093	0.000	0.000	0.000	0.000	0.000	0.093
NNW	0.000	0.000	0.046	0.093	0.000	0.000	0.000	0.000	0.000	0.139
SUBTOTAL	0.000	0.046	1.436	1.575	1.780	3.312	0.723	0.000	0.000	8.873

TOTAL HOURS OF VALID OBSERVATIONS 2159.000
 TOTAL HOURS OF ELEVATED RELEASES 2018.280
 TOTAL HOURS OF STABILITY CLASS F 206.410
 TOTAL HOURS OF ELEVATED STABILITY CLASS F 191.570

METEOROLOGICAL FACILITY: Browns Ferry Nuclear Plant
 STABILITY BASED ON DELTA-T BETWEEN 45.30 AND 89.59 METERS
 WIND DIRECTION MEASURED AT 45.74 METER LEVEL
 WIND SPEED MEASURED AT 45.74 METER LEVEL
 EFFLUENT VELOCITY = 12.60 M/S

DATE PRINTED: 2005/12/09

NOTE: TOTALS AND SUBTOTALS ARE OBTAINED FROM UNROUNDED NUMBERS

SPLIT JOINT PERCENTAGE FREQUENCIES OF WIND SPEED BY WIND DIRECTION FOR

STABILITY CLASS G (DELTA T > 4.0 C/100 M)

Browns Ferry Nuclear Plant

PART 2 OF 2 ELEVATED RELEASE MODE

JUL 1, 2005 - SEP 30, 2005

WIND DIRECTION	WIND SPEED (MPH)									TOTAL
	CALM	0.6-1.4	1.5-3.4	3.5-5.4	5.5-7.4	7.5-12.4	12.5-18.4	18.5-24.4	>=24.5	
N	0.000	0.000	0.046	0.093	0.181	0.205	0.038	0.000	0.000	0.563
NNE	0.000	0.000	0.000	0.000	0.087	0.360	0.190	0.000	0.000	0.637
NE	0.000	0.000	0.000	0.046	0.134	0.164	0.000	0.000	0.000	0.345
ENE	0.000	0.000	0.000	0.046	0.132	0.125	0.000	0.000	0.000	0.304
E	0.000	0.000	0.000	0.000	0.046	0.000	0.000	0.000	0.000	0.046
ESE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SE	0.000	0.000	0.046	0.000	0.000	0.000	0.000	0.000	0.000	0.046
SSE	0.000	0.000	0.046	0.000	0.000	0.000	0.000	0.000	0.000	0.046
S	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SSW	0.000	0.000	0.000	0.046	0.000	0.000	0.000	0.000	0.000	0.046
SW	0.000	0.000	0.046	0.000	0.000	0.000	0.000	0.000	0.000	0.046
WSW	0.000	0.000	0.046	0.000	0.000	0.000	0.000	0.000	0.000	0.046
W	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
WNW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NNW	0.000	0.000	0.046	0.000	0.000	0.000	0.000	0.000	0.000	0.046
SUBTOTAL	0.000	0.000	0.278	0.232	0.580	0.855	0.228	0.000	0.000	2.172

TOTAL HOURS OF VALID OBSERVATIONS 2159.000
 TOTAL HOURS OF ELEVATED RELEASES 2018.280
 TOTAL HOURS OF STABILITY CLASS G 56.370
 TOTAL HOURS OF ELEVATED STABILITY CLASS G 46.900

METEOROLOGICAL FACILITY: Browns Ferry Nuclear Plant
 STABILITY BASED ON DELTA-T BETWEEN 45.30 AND 89.59 METERS
 WIND DIRECTION MEASURED AT 45.74 METER LEVEL
 WIND SPEED MEASURED AT 45.74 METER LEVEL
 EFFLUENT VELOCITY = 12.60 M/S

DATE PRINTED: 2005/12/09

NOTE: TOTALS AND SUBTOTALS ARE OBTAINED FROM UNROUNDED NUMBERS

METEOROLOGICAL DATA TABLES

BROWNS FERRY NUCLEAR PLANT

JANUARY - DECEMBER 2005

TABLE 21

JOINT FREQUENCY DISTRIBUTION IN PERCENT

FOR SPLIT LEVEL RELEASES

(ELEVATED PORTION)

FOURTH QUARTER

SPLIT JOINT PERCENTAGE FREQUENCIES OF WIND SPEED BY WIND DIRECTION FOR

STABILITY CLASS A (DELTA T<=-1.9 C/100 M)

Browns Ferry Nuclear Plant

PART 2 OF 2 ELEVATED RELEASE MODE

OCT 1, 2005 - DEC 31, 2005

WIND DIRECTION	WIND SPEED (MPH)									TOTAL
	CALM	0.6-1.4	1.5-3.4	3.5-5.4	5.5-7.4	7.5-12.4	12.5-18.4	18.5-24.4	>=24.5	
N	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NNE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ENE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
E	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ESE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SSE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
S	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SSW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
WSW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
W	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
WNW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NNW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SUBTOTAL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

TOTAL HOURS OF VALID OBSERVATIONS 2153.000
 TOTAL HOURS OF ELEVATED RELEASES 1876.200
 TOTAL HOURS OF STABILITY CLASS A 12.540
 TOTAL HOURS OF ELEVATED STABILITY CLASS A 0.000

METEOROLOGICAL FACILITY: Browns Ferry Nuclear Plant
 STABILITY BASED ON DELTA-T BETWEEN 45.30 AND 89.59 METERS
 WIND DIRECTION MEASURED AT 45.74 METER LEVEL
 WIND SPEED MEASURED AT 45.74 METER LEVEL
 EFFLUENT VELOCITY = 12.60 M/S

DATE PRINTED: 2006/02/21

NOTE: TOTALS AND SUBTOTALS ARE OBTAINED FROM UNROUNDED NUMBERS

SPLIT JOINT PERCENTAGE FREQUENCIES OF WIND SPEED BY WIND DIRECTION FOR

STABILITY CLASS B (-1.9 < DELTA T <= -1.7 C/100 M)

Browns Ferry Nuclear Plant

PART 2 OF 2 ELEVATED RELEASE MODE

OCT 1, 2005 - DEC 31, 2005

WIND DIRECTION	WIND SPEED (MPH)									TOTAL
	CALM	0.6-1.4	1.5-3.4	3.5-5.4	5.5-7.4	7.5-12.4	12.5-18.4	18.5-24.4	>=24.5	
N	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NNE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ENE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
E	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ESE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SSE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
S	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SSW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SW	0.000	0.000	0.000	0.000	0.045	0.000	0.000	0.000	0.000	0.045
WSW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
W	0.000	0.000	0.000	0.000	0.000	0.000	0.038	0.000	0.000	0.038
WNW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NNW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SUBTOTAL	0.000	0.000	0.000	0.000	0.045	0.000	0.038	0.000	0.000	0.083

TOTAL HOURS OF VALID OBSERVATIONS 2153.000

TOTAL HOURS OF ELEVATED RELEASES 1876.200

TOTAL HOURS OF STABILITY CLASS B 12.570

TOTAL HOURS OF ELEVATED STABILITY CLASS B 1.790

METEOROLOGICAL FACILITY: Browns Ferry Nuclear Plant
 STABILITY BASED ON DELTA-T BETWEEN 45.30 AND 89.59 METERS
 WIND DIRECTION MEASURED AT 45.74 METER LEVEL
 WIND SPEED MEASURED AT 45.74 METER LEVEL
 EFFLUENT VELOCITY = 12.60 M/S

DATE PRINTED: 2006/02/21

NOTE: TOTALS AND SUBTOTALS ARE OBTAINED FROM UNROUNDED NUMBERS

SPLIT JOINT PERCENTAGE FREQUENCIES OF WIND SPEED BY WIND DIRECTION FOR

STABILITY CLASS C (-1.7< DELTA T<=-1.5 C/100 M)

Browns Ferry Nuclear Plant

PART 2 OF 2 ELEVATED RELEASE MODE

OCT 1, 2005 - DEC 31, 2005

WIND DIRECTION	WIND SPEED (MPH)									TOTAL
	CALM	0.6-1.4	1.5-3.4	3.5-5.4	5.5-7.4	7.5-12.4	12.5-18.4	18.5-24.4	>=24.5	
N	0.000	0.000	0.000	0.000	0.088	0.243	0.077	0.000	0.000	0.408
NNE	0.000	0.000	0.000	0.000	0.000	0.039	0.039	0.000	0.000	0.078
NE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ENE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
E	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ESE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SSE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
S	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SSW	0.000	0.000	0.000	0.046	0.000	0.000	0.000	0.000	0.000	0.046
SW	0.000	0.000	0.000	0.000	0.044	0.000	0.000	0.000	0.000	0.044
WSW	0.000	0.000	0.000	0.000	0.000	0.162	0.000	0.000	0.000	0.162
W	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
WNW	0.000	0.000	0.000	0.000	0.000	0.000	0.037	0.000	0.000	0.037
NW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NNW	0.000	0.000	0.000	0.000	0.043	0.000	0.000	0.000	0.000	0.043
SUBTOTAL	0.000	0.000	0.000	0.046	0.175	0.444	0.152	0.000	0.000	0.818

TOTAL HOURS OF VALID OBSERVATIONS 2153.000
 TOTAL HOURS OF ELEVATED RELEASES 1876.200
 TOTAL HOURS OF STABILITY CLASS C 28.440
 TOTAL HOURS OF ELEVATED STABILITY CLASS C 17.620

METEOROLOGICAL FACILITY: Browns Ferry Nuclear Plant
 STABILITY BASED ON DELTA-T BETWEEN 45.30 AND 89.59 METERS
 WIND DIRECTION MEASURED AT 45.74 METER LEVEL
 WIND SPEED MEASURED AT 45.74 METER LEVEL
 EFFLUENT VELOCITY = 12.60 M/S

DATE PRINTED: 2006/02/21

NOTE: TOTALS AND SUBTOTALS ARE OBTAINED FROM UNROUNDED NUMBERS

SPLIT JOINT PERCENTAGE FREQUENCIES OF WIND SPEED BY WIND DIRECTION FOR

STABILITY CLASS D (-1.5 < DELTA T <= -0.5 C/100 M)

Browns Ferry Nuclear Plant

PART 2 OF 2 ELEVATED RELEASE MODE

OCT 1, 2005 - DEC 31, 2005

WIND DIRECTION	WIND SPEED (MPH)									TOTAL
	CALM	0.6-1.4	1.5-3.4	3.5-5.4	5.5-7.4	7.5-12.4	12.5-18.4	18.5-24.4	>=24.5	
N	0.000	0.000	0.139	0.232	0.803	2.855	1.254	0.068	0.000	5.351
NNE	0.000	0.046	0.139	0.464	0.892	1.714	0.490	0.000	0.000	3.746
NE	0.000	0.000	0.000	0.418	0.403	0.863	0.000	0.000	0.000	1.684
ENE	0.000	0.000	0.093	0.186	0.358	0.246	0.000	0.000	0.000	0.882
E	0.000	0.000	0.186	0.139	0.135	0.246	0.000	0.000	0.000	0.706
ESE	0.000	0.000	0.093	0.046	0.133	0.812	0.305	0.000	0.000	1.390
SE	0.000	0.046	0.325	0.418	0.092	0.690	0.491	0.194	0.034	2.291
SSE	0.000	0.046	0.186	0.464	0.225	0.204	0.414	0.184	0.027	1.752
S	0.000	0.000	0.232	0.464	0.498	1.093	1.122	0.716	0.049	4.175
SSW	0.000	0.000	0.093	0.325	0.133	0.608	0.339	0.126	0.000	1.624
SW	0.000	0.046	0.372	0.372	0.398	0.483	0.229	0.000	0.000	1.899
WSW	0.000	0.000	0.139	0.418	0.448	0.699	0.114	0.037	0.000	1.855
W	0.000	0.000	0.279	0.557	0.763	1.370	0.377	0.031	0.000	3.376
WNW	0.000	0.093	0.046	0.186	0.807	1.224	1.049	0.357	0.010	3.771
NW	0.000	0.000	0.093	0.418	0.623	1.680	2.600	0.776	0.000	6.190
NNW	0.000	0.000	0.186	0.372	0.486	1.767	1.062	0.059	0.000	3.933
SUBTOTAL	0.000	0.279	2.601	5.481	7.197	16.555	9.845	2.548	0.120	44.625

TOTAL HOURS OF VALID OBSERVATIONS 2153.000
 TOTAL HOURS OF ELEVATED RELEASES 1876.200
 TOTAL HOURS OF STABILITY CLASS D 1034.850
 TOTAL HOURS OF ELEVATED STABILITY CLASS D 960.780

METEOROLOGICAL FACILITY: Browns Ferry Nuclear Plant
 STABILITY BASED ON DELTA-T BETWEEN 45.30 AND 89.59 METERS
 WIND DIRECTION MEASURED AT 45.74 METER LEVEL
 WIND SPEED MEASURED AT 45.74 METER LEVEL
 EFFLUENT VELOCITY = 12.60 M/S

DATE PRINTED: 2006/02/21

NOTE: TOTALS AND SUBTOTALS ARE OBTAINED FROM UNROUNDED NUMBERS

SPLIT JOINT PERCENTAGE FREQUENCIES OF WIND SPEED BY WIND DIRECTION FOR

STABILITY CLASS E (-0.5 < DELTA T <= 1.5 C/100 M)

Browns Ferry Nuclear Plant

PART 2 OF 2 ELEVATED RELEASE MODE

OCT 1, 2005 - DEC 31, 2005

WIND DIRECTION	WIND SPEED (MPH)									TOTAL
	CALM	0.6-1.4	1.5-3.4	3.5-5.4	5.5-7.4	7.5-12.4	12.5-18.4	18.5-24.4	>=24.5	
N	0.000	0.046	0.139	0.139	0.400	1.432	0.229	0.066	0.000	2.452
NNE	0.000	0.000	0.046	0.325	0.310	1.425	0.039	0.000	0.000	2.145
NE	0.000	0.000	0.093	0.093	0.000	0.694	0.000	0.000	0.000	0.880
ENE	0.000	0.000	0.046	0.093	0.358	0.490	0.000	0.000	0.000	0.988
E	0.000	0.000	0.139	0.139	0.263	0.535	0.039	0.000	0.000	1.115
ESE	0.000	0.046	0.139	0.325	0.311	2.069	0.228	0.037	0.000	3.155
SE	0.000	0.046	0.139	0.232	0.224	1.387	0.755	0.297	0.059	3.140
SSE	0.000	0.000	0.232	0.279	0.179	0.650	0.977	0.106	0.005	2.429
S	0.000	0.046	0.186	0.279	0.136	1.052	0.457	0.113	0.000	2.270
SSW	0.000	0.000	0.232	0.372	0.360	0.209	0.077	0.018	0.007	1.274
SW	0.000	0.046	0.232	0.418	0.404	0.499	0.074	0.033	0.000	1.707
WSW	0.000	0.000	0.046	0.186	0.313	0.373	0.000	0.000	0.000	0.918
W	0.000	0.000	0.046	0.232	0.225	0.415	0.076	0.000	0.000	0.995
WNW	0.000	0.000	0.093	0.093	0.176	0.043	0.038	0.000	0.000	0.443
NW	0.000	0.000	0.139	0.325	0.176	0.283	0.267	0.000	0.000	1.190
NNW	0.000	0.000	0.232	0.232	0.268	1.157	0.308	0.000	0.000	2.198
SUBTOTAL	0.000	0.232	2.183	3.762	4.104	12.715	3.562	0.671	0.070	27.300

TOTAL HOURS OF VALID OBSERVATIONS 2153.000
 TOTAL HOURS OF ELEVATED RELEASES 1876.200
 TOTAL HOURS OF STABILITY CLASS E 679.500
 TOTAL HOURS OF ELEVATED STABILITY CLASS E 587.760

METEOROLOGICAL FACILITY: Browns Ferry Nuclear Plant
 STABILITY BASED ON DELTA-T BETWEEN 45.30 AND 89.59 METERS
 WIND DIRECTION MEASURED AT 45.74 METER LEVEL
 WIND SPEED MEASURED AT 45.74 METER LEVEL
 EFFLUENT VELOCITY = 12.60 M/S

DATE PRINTED: 2006/02/21

NOTE: TOTALS AND SUBTOTALS ARE OBTAINED FROM UNROUNDED NUMBERS

SPLIT JOINT PERCENTAGE FREQUENCIES OF WIND SPEED BY WIND DIRECTION FOR
STABILITY CLASS F (1.5< DELTA T<= 4.0 C/100 M)

Browns Ferry Nuclear Plant

PART 2 OF 2 ELEVATED RELEASE MODE

OCT 1, 2005 - DEC 31, 2005

WIND DIRECTION	WIND SPEED (MPH)									TOTAL
	CALM	0.6-1.4	1.5-3.4	3.5-5.4	5.5-7.4	7.5-12.4	12.5-18.4	18.5-24.4	>=24.5	
N	0.000	0.000	0.000	0.046	0.086	0.809	0.039	0.000	0.000	0.980
NNE	0.000	0.000	0.000	0.093	0.180	0.686	0.192	0.000	0.000	1.151
NE	0.000	0.000	0.000	0.186	0.182	0.440	0.115	0.000	0.000	0.922
ENE	0.000	0.000	0.046	0.046	0.045	0.283	0.000	0.000	0.000	0.421
E	0.000	0.000	0.000	0.046	0.220	0.648	0.039	0.000	0.000	0.954
ESE	0.000	0.000	0.139	0.139	0.138	0.530	0.000	0.000	0.000	0.947
SE	0.000	0.000	0.093	0.093	0.359	0.539	0.038	0.000	0.000	1.123
SSE	0.000	0.000	0.000	0.186	0.224	0.123	0.000	0.000	0.000	0.533
S	0.000	0.000	0.046	0.186	0.135	0.288	0.077	0.000	0.000	0.732
SSW	0.000	0.046	0.000	0.000	0.133	0.161	0.039	0.000	0.000	0.379
SW	0.000	0.000	0.000	0.232	0.318	0.000	0.000	0.000	0.000	0.550
WSW	0.000	0.000	0.046	0.186	0.045	0.000	0.000	0.000	0.000	0.277
W	0.000	0.000	0.046	0.000	0.000	0.000	0.000	0.000	0.000	0.046
WNW	0.000	0.000	0.000	0.000	0.046	0.000	0.000	0.000	0.000	0.046
NW	0.000	0.000	0.000	0.046	0.092	0.042	0.000	0.000	0.000	0.181
NNW	0.000	0.000	0.000	0.093	0.093	0.241	0.039	0.000	0.000	0.465
SUBTOTAL	0.000	0.046	0.418	1.579	2.296	4.790	0.577	0.000	0.000	9.707

TOTAL HOURS OF VALID OBSERVATIONS 2153.000
TOTAL HOURS OF ELEVATED RELEASES 1876.200
TOTAL HOURS OF STABILITY CLASS F 265.060
TOTAL HOURS OF ELEVATED STABILITY CLASS F 208.990

METEOROLOGICAL FACILITY: Browns Ferry Nuclear Plant
STABILITY BASED ON DELTA-T BETWEEN 45.30 AND 89.59 METERS
WIND DIRECTION MEASURED AT 45.74 METER LEVEL
WIND SPEED MEASURED AT 45.74 METER LEVEL
EFFLUENT VELOCITY = 12.60 M/S

DATE PRINTED: 2006/02/21

NOTE: TOTALS AND SUBTOTALS ARE OBTAINED FROM UNROUNDED NUMBERS

SPLIT JOINT PERCENTAGE FREQUENCIES OF WIND SPEED BY WIND DIRECTION FOR

STABILITY CLASS G (DELTA T > 4.0 C/100 M)

Browns Ferry Nuclear Plant

PART 2 OF 2 ELEVATED RELEASE MODE

OCT 1, 2005 - DEC 31, 2005

WIND DIRECTION	WIND SPEED (MPH)									TOTAL
	CALM	0.6-1.4	1.5-3.4	3.5-5.4	5.5-7.4	7.5-12.4	12.5-18.4	18.5-24.4	>=24.5	
N	0.000	0.000	0.046	0.046	0.136	0.965	0.154	0.000	0.000	1.347
NNE	0.000	0.000	0.000	0.139	0.000	0.404	0.154	0.000	0.000	0.698
NE	0.000	0.000	0.093	0.046	0.046	0.084	0.000	0.000	0.000	0.269
ENE	0.000	0.000	0.000	0.000	0.135	0.000	0.000	0.000	0.000	0.135
E	0.000	0.000	0.000	0.093	0.000	0.043	0.000	0.000	0.000	0.136
ESE	0.000	0.000	0.000	0.046	0.089	0.288	0.000	0.000	0.000	0.424
SE	0.000	0.000	0.000	0.186	0.355	0.327	0.000	0.000	0.000	0.868
SSE	0.000	0.000	0.139	0.139	0.000	0.041	0.000	0.000	0.000	0.320
S	0.000	0.000	0.046	0.093	0.000	0.000	0.000	0.000	0.000	0.139
SSW	0.000	0.000	0.000	0.093	0.000	0.043	0.000	0.000	0.000	0.136
SW	0.000	0.000	0.093	0.000	0.000	0.000	0.000	0.000	0.000	0.093
WSW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
W	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
WNW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NNW	0.000	0.000	0.000	0.046	0.000	0.000	0.000	0.000	0.000	0.046
SUBTOTAL	0.000	0.000	0.418	0.929	0.760	2.195	0.308	0.000	0.000	4.610

TOTAL HOURS OF VALID OBSERVATIONS 2153.000
 TOTAL HOURS OF ELEVATED RELEASES 1876.200
 TOTAL HOURS OF STABILITY CLASS G 120.040
 TOTAL HOURS OF ELEVATED STABILITY CLASS G 99.260

METEOROLOGICAL FACILITY: Browns Ferry Nuclear Plant
 STABILITY BASED ON DELTA-T BETWEEN 45.30 AND 89.59 METERS
 WIND DIRECTION MEASURED AT 45.74 METER LEVEL
 WIND SPEED MEASURED AT 45.74 METER LEVEL
 EFFLUENT VELOCITY = 12.60 M/S

DATE PRINTED: 2006/02/21

NOTE: TOTALS AND SUBTOTALS ARE OBTAINED FROM UNROUNDED NUMBERS

METEOROLOGICAL DATA TABLES

BROWNS FERRY NUCLEAR PLANT

JANUARY - DECEMBER 2005

TABLE 22

JOINT FREQUENCY DISTRIBUTION IN PERCENT

FOR ELEVATED RELEASES

FIRST QUARTER

JOINT PERCENTAGE FREQUENCIES OF WIND SPEED BY WIND DIRECTION FOR

STABILITY CLASS A (DELTA T<=-1.9 C/100 M)

Browns Ferry Nuclear Plant

JAN 1, 2005 - MAR 31, 2005

WIND DIRECTION	WIND SPEED (MPH)									TOTAL
	CALM	0.6-1.4	1.5-3.4	3.5-5.4	5.5-7.4	7.5-12.4	12.5-18.4	18.5-24.4	>=24.5	
N	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NNE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ENE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
E	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ESE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SSE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
S	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SSW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
WSW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
W	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
WNW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NNW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SUBTOTAL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

TOTAL HOURS OF VALID STABILITY OBSERVATIONS	2117
TOTAL HOURS OF STABILITY CLASS A	0
TOTAL HOURS OF VALID WIND DIRECTION-WIND SPEED-STABILITY CLASS A	0
TOTAL HOURS OF VALID WIND DIRECTION-WIND SPEED-STABILITY OBSERVATIONS	2090
TOTAL HOURS CALM	0

METEOROLOGICAL FACILITY: Browns Ferry Nuclear Plant
 STABILITY BASED ON DELTA-T BETWEEN 45.30 AND 89.59 METERS
 WIND SPEED AND DIRECTION MEASURED AT 90.29 METER LEVEL

DATE PRINTED: 2005/06/06

MEAN WIND SPEED = 0.00

NOTE: TOTALS AND SUBTOTALS ARE OBTAINED FROM UNROUNDED NUMBERS

JOINT PERCENTAGE FREQUENCIES OF WIND SPEED BY WIND DIRECTION FOR

STABILITY CLASS B (-1.9 < DELTA T <= -1.7 C/100 M)

Browns Ferry Nuclear Plant

JAN 1, 2005 - MAR 31, 2005

WIND DIRECTION	WIND SPEED (MPH)									TOTAL
	CALM	0.6-1.4	1.5-3.4	3.5-5.4	5.5-7.4	7.5-12.4	12.5-18.4	18.5-24.4	>=24.5	
N	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NNE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ENE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
E	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ESE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SSE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
S	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SSW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
WSW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
W	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
WNW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NNW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SUBTOTAL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

TOTAL HOURS OF VALID STABILITY OBSERVATIONS	2117
TOTAL HOURS OF STABILITY CLASS B	0
TOTAL HOURS OF VALID WIND DIRECTION-WIND SPEED-STABILITY CLASS B	0
TOTAL HOURS OF VALID WIND DIRECTION-WIND SPEED-STABILITY OBSERVATIONS	2090
TOTAL HOURS CALM	0

METEOROLOGICAL FACILITY: Browns Ferry Nuclear Plant
 STABILITY BASED ON DELTA-T BETWEEN 45.30 AND 89.59 METERS
 WIND SPEED AND DIRECTION MEASURED AT 90.29 METER LEVEL

DATE PRINTED: 2005/06/06

MEAN WIND SPEED = 0.00

NOTE: TOTALS AND SUBTOTALS ARE OBTAINED FROM UNROUNDED NUMBERS

JOINT PERCENTAGE FREQUENCIES OF WIND SPEED BY WIND DIRECTION FOR

STABILITY CLASS C (-1.7 < DELTA T <= -1.5 C/100 M)

Browns Ferry Nuclear Plant

JAN 1, 2005 - MAR 31, 2005

WIND DIRECTION	WIND SPEED (MPH)									TOTAL
	CALM	0.6-1.4	1.5-3.4	3.5-5.4	5.5-7.4	7.5-12.4	12.5-18.4	18.5-24.4	>=24.5	
N	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NNE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ENE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
E	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ESE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SSE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
S	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SSW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SW	0.000	0.000	0.000	0.048	0.000	0.000	0.000	0.000	0.000	0.048
WSW	0.000	0.000	0.000	0.000	0.000	0.239	0.000	0.000	0.000	0.239
W	0.000	0.000	0.000	0.000	0.000	0.048	0.048	0.000	0.000	0.096
WNW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NNW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SUBTOTAL	0.000	0.000	0.000	0.048	0.000	0.287	0.048	0.000	0.000	0.383

TOTAL HOURS OF VALID STABILITY OBSERVATIONS 2117
 TOTAL HOURS OF STABILITY CLASS C 8
 TOTAL HOURS OF VALID WIND DIRECTION-WIND SPEED-STABILITY CLASS C 8
 TOTAL HOURS OF VALID WIND DIRECTION-WIND SPEED-STABILITY OBSERVATIONS 2090
 TOTAL HOURS CALM 0

METEOROLOGICAL FACILITY: Browns Ferry Nuclear Plant
 STABILITY BASED ON DELTA-T BETWEEN 45.30 AND 89.59 METERS
 WIND SPEED AND DIRECTION MEASURED AT 90.29 METER LEVEL

DATE PRINTED: 2005/06/06

MEAN WIND SPEED = 10.02

NOTE: TOTALS AND SUBTOTALS ARE OBTAINED FROM UNROUNDED NUMBERS

JOINT PERCENTAGE FREQUENCIES OF WIND SPEED BY WIND DIRECTION FOR

STABILITY CLASS D (-1.5 < DELTA T <= -0.5 C/100 M)

Browns Ferry Nuclear Plant

JAN 1, 2005 - MAR 31, 2005

WIND DIRECTION	WIND SPEED (MPH)									TOTAL
	CALM	0.6-1.4	1.5-3.4	3.5-5.4	5.5-7.4	7.5-12.4	12.5-18.4	18.5-24.4	>=24.5	
N	0.000	0.000	0.096	0.191	0.670	1.962	2.823	0.670	0.144	6.555
NNE	0.000	0.000	0.048	0.383	0.574	2.344	2.871	0.526	0.000	6.746
NE	0.000	0.000	0.096	0.287	0.574	1.483	1.053	0.287	0.000	3.780
ENE	0.000	0.000	0.000	0.335	0.144	0.287	0.191	0.000	0.000	0.957
E	0.000	0.000	0.048	0.239	0.383	0.766	0.144	0.000	0.000	1.579
ESE	0.000	0.000	0.048	0.431	0.383	0.813	0.718	0.431	0.335	3.158
SE	0.000	0.000	0.239	0.383	0.478	0.335	0.431	0.000	0.287	2.153
SSE	0.000	0.048	0.144	0.526	0.191	0.431	0.909	0.957	0.096	3.301
S	0.000	0.000	0.287	0.096	0.287	0.766	1.627	0.670	0.096	3.828
SSW	0.000	0.000	0.239	0.287	0.096	1.100	1.292	0.191	0.096	3.301
SW	0.000	0.000	0.239	0.431	0.191	0.670	0.670	0.048	0.000	2.249
WSW	0.000	0.000	0.191	0.478	0.239	0.766	1.196	0.383	0.096	3.349
W	0.000	0.000	0.144	0.431	0.191	0.861	1.483	0.335	0.096	3.541
WNW	0.000	0.000	0.096	0.144	0.526	0.909	1.770	1.579	0.718	5.742
NW	0.000	0.048	0.096	0.144	0.239	0.861	1.579	1.053	0.383	4.402
NNW	0.000	0.000	0.000	0.335	0.526	1.244	1.053	0.909	0.144	4.211
SUBTOTAL	0.000	0.096	2.010	5.120	5.694	15.598	19.809	8.038	2.488	58.852

TOTAL HOURS OF VALID STABILITY OBSERVATIONS	2117
TOTAL HOURS OF STABILITY CLASS D	1256
TOTAL HOURS OF VALID WIND DIRECTION-WIND SPEED-STABILITY CLASS D	1230
TOTAL HOURS OF VALID WIND DIRECTION-WIND SPEED-STABILITY OBSERVATIONS	2090
TOTAL HOURS CALM	0

METEOROLOGICAL FACILITY: Browns Ferry Nuclear Plant
 STABILITY BASED ON DELTA-T BETWEEN 45.30 AND 89.59 METERS
 WIND SPEED AND DIRECTION MEASURED AT 90.29 METER LEVEL

DATE PRINTED: 2005/06/06

MEAN WIND SPEED = 12.92

NOTE: TOTALS AND SUBTOTALS ARE OBTAINED FROM UNROUNDED NUMBERS

JOINT PERCENTAGE FREQUENCIES OF WIND SPEED BY WIND DIRECTION FOR

STABILITY CLASS E (-0.5 < DELTA T <= 1.5 C/100 M)

Browns Ferry Nuclear Plant

JAN 1, 2005 - MAR 31, 2005

WIND DIRECTION	WIND SPEED (MPH)									TOTAL
	CALM	0.6-1.4	1.5-3.4	3.5-5.4	5.5-7.4	7.5-12.4	12.5-18.4	18.5-24.4	>=24.5	
N	0.000	0.000	0.191	0.000	0.191	0.431	0.718	0.048	0.000	1.579
NNE	0.000	0.000	0.000	0.000	0.048	0.574	1.005	0.191	0.000	1.818
NE	0.000	0.000	0.048	0.000	0.096	0.718	0.622	0.191	0.000	1.675
ENE	0.000	0.000	0.000	0.048	0.144	0.813	0.239	0.000	0.000	1.244
E	0.000	0.000	0.048	0.096	0.048	0.287	0.335	0.096	0.000	0.909
ESE	0.000	0.000	0.191	0.191	0.239	0.526	1.005	0.239	0.000	2.392
SE	0.000	0.000	0.144	0.526	0.239	0.526	2.105	0.813	0.144	4.498
SSE	0.000	0.000	0.144	0.239	0.191	1.196	2.153	0.718	0.383	5.024
S	0.000	0.000	0.096	0.096	0.239	1.244	1.962	0.335	0.096	4.067
SSW	0.000	0.000	0.144	0.191	0.096	0.431	1.292	0.096	0.000	2.249
SW	0.000	0.000	0.191	0.191	0.526	1.388	1.292	0.191	0.000	3.780
WSW	0.000	0.000	0.000	0.096	0.144	1.244	0.383	0.000	0.000	1.866
W	0.000	0.000	0.096	0.096	0.144	0.574	0.144	0.000	0.048	1.100
WNW	0.000	0.000	0.000	0.239	0.096	0.574	0.144	0.000	0.000	1.053
NW	0.000	0.000	0.048	0.096	0.096	0.287	0.335	0.000	0.000	0.861
NNW	0.000	0.000	0.000	0.048	0.096	0.431	0.718	0.000	0.048	1.340
SUBTOTAL	0.000	0.000	1.340	2.153	2.632	11.244	14.450	2.919	0.718	35.455

TOTAL HOURS OF VALID STABILITY OBSERVATIONS 2117
 TOTAL HOURS OF STABILITY CLASS E 742
 TOTAL HOURS OF VALID WIND DIRECTION-WIND SPEED-STABILITY CLASS E 741
 TOTAL HOURS OF VALID WIND DIRECTION-WIND SPEED-STABILITY OBSERVATIONS 2090
 TOTAL HOURS CALM 0

METEOROLOGICAL FACILITY: Browns Ferry Nuclear Plant
 STABILITY BASED ON DELTA-T BETWEEN 45.30 AND 89.59 METERS
 WIND SPEED AND DIRECTION MEASURED AT 90.29 METER LEVEL

DATE PRINTED: 2005/06/06

MEAN WIND SPEED = 12.43

NOTE: TOTALS AND SUBTOTALS ARE OBTAINED FROM UNROUNDED NUMBERS

JOINT PERCENTAGE FREQUENCIES OF WIND SPEED BY WIND DIRECTION FOR

STABILITY CLASS F (1.5< DELTA T<= 4.0 C/100 M)

Browns Ferry Nuclear Plant

JAN 1, 2005 - MAR 31, 2005

WIND DIRECTION	WIND SPEED (MPH)									TOTAL
	CALM	0.6-1.4	1.5-3.4	3.5-5.4	5.5-7.4	7.5-12.4	12.5-18.4	18.5-24.4	>=24.5	
N	0.000	0.000	0.000	0.000	0.000	0.000	0.048	0.000	0.000	0.048
NNE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NE	0.000	0.000	0.048	0.000	0.000	0.144	0.239	0.000	0.000	0.431
ENE	0.000	0.000	0.000	0.000	0.000	0.096	0.239	0.000	0.000	0.335
E	0.000	0.000	0.000	0.048	0.000	0.144	0.191	0.000	0.000	0.383
ESE	0.000	0.000	0.000	0.000	0.000	0.048	0.191	0.048	0.000	0.287
SE	0.000	0.000	0.000	0.048	0.000	0.191	0.239	0.000	0.000	0.478
SSE	0.000	0.000	0.000	0.000	0.000	0.048	0.191	0.048	0.000	0.287
S	0.000	0.000	0.048	0.000	0.000	0.096	0.287	0.000	0.000	0.431
SSW	0.000	0.000	0.000	0.000	0.000	0.096	0.096	0.000	0.000	0.191
SW	0.000	0.000	0.048	0.048	0.048	0.000	0.000	0.000	0.000	0.144
WSW	0.000	0.000	0.000	0.048	0.048	0.096	0.000	0.000	0.000	0.191
W	0.000	0.000	0.048	0.144	0.048	0.335	0.048	0.000	0.000	0.622
WNW	0.000	0.000	0.000	0.048	0.000	0.191	0.000	0.000	0.000	0.239
NW	0.000	0.000	0.000	0.096	0.048	0.048	0.000	0.000	0.000	0.191
NNW	0.000	0.000	0.096	0.048	0.000	0.048	0.000	0.000	0.000	0.191
SUBTOTAL	0.000	0.000	0.287	0.526	0.191	1.579	1.770	0.096	0.000	4.450

TOTAL HOURS OF VALID STABILITY OBSERVATIONS	2117
TOTAL HOURS OF STABILITY CLASS F	93
TOTAL HOURS OF VALID WIND DIRECTION-WIND SPEED-STABILITY CLASS F	93
TOTAL HOURS OF VALID WIND DIRECTION-WIND SPEED-STABILITY OBSERVATIONS	2090
TOTAL HOURS CALM	0

METEOROLOGICAL FACILITY: Browns Ferry Nuclear Plant
 STABILITY BASED ON DELTA-T BETWEEN 45.30 AND 89.59 METERS
 WIND SPEED AND DIRECTION MEASURED AT 90.29 METER LEVEL

DATE PRINTED: 2005/06/06

MEAN WIND SPEED = 10.88

NOTE: TOTALS AND SUBTOTALS ARE OBTAINED FROM UNROUNDED NUMBERS

JOINT PERCENTAGE FREQUENCIES OF WIND SPEED BY WIND DIRECTION FOR

STABILITY CLASS G (DELTA T > 4.0 C/100 M)

Browns Ferry Nuclear Plant

JAN 1, 2005 - MAR 31, 2005

WIND DIRECTION	WIND SPEED (MPH)									TOTAL
	CALM	0.6-1.4	1.5-3.4	3.5-5.4	5.5-7.4	7.5-12.4	12.5-18.4	18.5-24.4	>=24.5	
N	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NNE	0.000	0.000	0.000	0.048	0.000	0.048	0.000	0.000	0.000	0.096
NE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ENE	0.000	0.000	0.000	0.000	0.000	0.048	0.000	0.000	0.000	0.048
E	0.000	0.000	0.000	0.048	0.000	0.000	0.000	0.000	0.000	0.048
ESE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SSE	0.000	0.000	0.000	0.000	0.048	0.144	0.048	0.000	0.000	0.239
S	0.000	0.000	0.000	0.000	0.000	0.191	0.096	0.000	0.000	0.287
SSW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SW	0.000	0.000	0.000	0.048	0.000	0.000	0.000	0.000	0.000	0.048
WSW	0.000	0.000	0.000	0.048	0.048	0.000	0.000	0.000	0.000	0.096
W	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
WNW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NNW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SUBTOTAL	0.000	0.000	0.000	0.191	0.096	0.431	0.144	0.000	0.000	0.861

TOTAL HOURS OF VALID STABILITY OBSERVATIONS	2117
TOTAL HOURS OF STABILITY CLASS G	18
TOTAL HOURS OF VALID WIND DIRECTION-WIND SPEED-STABILITY CLASS G	18
TOTAL HOURS OF VALID WIND DIRECTION-WIND SPEED-STABILITY OBSERVATIONS	2090
TOTAL HOURS CALM	0

METEOROLOGICAL FACILITY: Browns Ferry Nuclear Plant
 STABILITY BASED ON DELTA-T BETWEEN 45.30 AND 89.59 METERS
 WIND SPEED AND DIRECTION MEASURED AT 90.29 METER LEVEL

DATE PRINTED: 2005/06/06

MEAN WIND SPEED = 9.79

NOTE: TOTALS AND SUBTOTALS ARE OBTAINED FROM UNROUNDED NUMBERS

**IMPACT ASSESSMENT
BROWNS FERRY NUCLEAR PLANT
JANUARY - DECEMBER 2005**

**TABLE 23
JOINT FREQUENCY DISTRIBUTION IN PERCENT
FOR ELEVATED RELEASES
SECOND QUARTER**

JOINT PERCENTAGE FREQUENCIES OF WIND SPEED BY WIND DIRECTION FOR
 STABILITY CLASS A (DELTA T<=-1.9 C/100 M)

Browns Ferry Nuclear Plant

APR 1, 2005 - JUN 30, 2005

WIND DIRECTION	WIND SPEED(MPH)									TOTAL
	CALM	0.6-1.4	1.5-3.4	3.5-5.4	5.5-7.4	7.5-12.4	12.5-18.4	18.5-24.4	>=24.5	
N	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NNE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ENE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
E	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ESE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SSE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
S	0.000	0.000	0.000	0.046	0.000	0.000	0.000	0.000	0.000	0.046
SSW	0.000	0.000	0.046	0.000	0.000	0.000	0.000	0.000	0.000	0.046
SW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
WSW	0.000	0.000	0.000	0.046	0.000	0.000	0.000	0.000	0.000	0.046
W	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
WNW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NNW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SUBTOTAL	0.000	0.000	0.046	0.093	0.000	0.000	0.000	0.000	0.000	0.139

TOTAL HOURS OF VALID STABILITY OBSERVATIONS	2160
TOTAL HOURS OF STABILITY CLASS A	3
TOTAL HOURS OF VALID WIND DIRECTION-WIND SPEED-STABILITY CLASS A	3
TOTAL HOURS OF VALID WIND DIRECTION-WIND SPEED-STABILITY OBSERVATIONS	2154
TOTAL HOURS CALM	0

METEOROLOGICAL FACILITY: Browns Ferry Nuclear Plant
 STABILITY BASED ON DELTA-T BETWEEN 45.30 AND 89.59 METERS
 WIND SPEED AND DIRECTION MEASURED AT 90.29 METER LEVEL

DATE PRINTED: 2005/08/25

MEAN WIND SPEED = 4.13

NOTE: TOTALS AND SUBTOTALS ARE OBTAINED FROM UNROUNDED NUMBERS

JOINT PERCENTAGE FREQUENCIES OF WIND SPEED BY WIND DIRECTION FOR

STABILITY CLASS B (-1.9 < DELTA T <= -1.7 C/100 M)

Browns Ferry Nuclear Plant

APR 1, 2005 - JUN 30, 2005

WIND DIRECTION	WIND SPEED (MPH)									TOTAL
	CALM	0.6-1.4	1.5-3.4	3.5-5.4	5.5-7.4	7.5-12.4	12.5-18.4	18.5-24.4	>=24.5	
N	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NNE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ENE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
E	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ESE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SSE	0.000	0.000	0.000	0.000	0.093	0.000	0.000	0.000	0.000	0.093
S	0.000	0.000	0.046	0.000	0.000	0.000	0.000	0.000	0.000	0.046
SSW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SW	0.000	0.000	0.000	0.046	0.000	0.000	0.000	0.000	0.000	0.046
WSW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
W	0.000	0.000	0.000	0.000	0.000	0.046	0.000	0.000	0.000	0.046
WNW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NNW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SUBTOTAL	0.000	0.000	0.046	0.046	0.093	0.046	0.000	0.000	0.000	0.232

TOTAL HOURS OF VALID STABILITY OBSERVATIONS	2160
TOTAL HOURS OF STABILITY CLASS B	5
TOTAL HOURS OF VALID WIND DIRECTION-WIND SPEED-STABILITY CLASS B	5
TOTAL HOURS OF VALID WIND DIRECTION-WIND SPEED-STABILITY OBSERVATIONS	2154
TOTAL HOURS CALM	0

METEOROLOGICAL FACILITY: Browns Ferry Nuclear Plant
 STABILITY BASED ON DELTA-T BETWEEN 45.30 AND 89.59 METERS
 WIND SPEED AND DIRECTION MEASURED AT 90.29 METER LEVEL

DATE PRINTED: 2005/08/25

MEAN WIND SPEED = 5.52

NOTE: TOTALS AND SUBTOTALS ARE OBTAINED FROM UNROUNDED NUMBERS

JOINT PERCENTAGE FREQUENCIES OF WIND SPEED BY WIND DIRECTION FOR

STABILITY CLASS C (-1.7< DELTA T<=-1.5 C/100 M)

Browns Ferry Nuclear Plant

APR 1, 2005 - JUN 30, 2005

WIND DIRECTION	WIND SPEED (MPH)									TOTAL
	CALM	0.6-1.4	1.5-3.4	3.5-5.4	5.5-7.4	7.5-12.4	12.5-18.4	18.5-24.4	>=24.5	
N	0.000	0.000	0.000	0.000	0.000	0.232	0.093	0.046	0.000	0.371
NNE	0.000	0.000	0.000	0.000	0.000	0.232	0.000	0.000	0.000	0.232
NE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ENE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
E	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ESE	0.000	0.000	0.000	0.046	0.000	0.000	0.046	0.000	0.000	0.093
SE	0.000	0.000	0.000	0.046	0.046	0.000	0.000	0.000	0.000	0.093
SSE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
S	0.000	0.000	0.000	0.000	0.046	0.139	0.000	0.000	0.000	0.186
SSW	0.000	0.000	0.000	0.000	0.000	0.093	0.046	0.000	0.000	0.139
SW	0.000	0.000	0.000	0.000	0.093	0.046	0.000	0.000	0.000	0.139
WSW	0.000	0.000	0.000	0.000	0.046	0.000	0.000	0.000	0.000	0.046
W	0.000	0.000	0.000	0.000	0.000	0.093	0.000	0.000	0.000	0.093
WNW	0.000	0.000	0.000	0.000	0.000	0.000	0.186	0.046	0.000	0.232
NW	0.000	0.000	0.000	0.000	0.000	0.000	0.046	0.000	0.000	0.046
NNW	0.000	0.000	0.000	0.000	0.000	0.000	0.139	0.093	0.000	0.232
SUBTOTAL	0.000	0.000	0.000	0.093	0.232	0.836	0.557	0.186	0.000	1.903

TOTAL HOURS OF VALID STABILITY OBSERVATIONS	2160
TOTAL HOURS OF STABILITY CLASS C	41
TOTAL HOURS OF VALID WIND DIRECTION-WIND SPEED-STABILITY CLASS C	41
TOTAL HOURS OF VALID WIND DIRECTION-WIND SPEED-STABILITY OBSERVATIONS	2154
TOTAL HOURS CALM	0

METEOROLOGICAL FACILITY: Browns Ferry Nuclear Plant
 STABILITY BASED ON DELTA-T BETWEEN 45.30 AND 89.59 METERS
 WIND SPEED AND DIRECTION MEASURED AT 90.29 METER LEVEL

DATE PRINTED: 2005/08/25

MEAN WIND SPEED = 11.77

NOTE: TOTALS AND SUBTOTALS ARE OBTAINED FROM UNROUNDED NUMBERS

JOINT PERCENTAGE FREQUENCIES OF WIND SPEED BY WIND DIRECTION FOR

STABILITY CLASS D (-1.5< DELTA T<=-0.5 C/100 M)

Browns Ferry Nuclear Plant

APR 1, 2005 - JUN 30, 2005

WIND DIRECTION	WIND SPEED (MPH)									TOTAL
	CALM	0.6-1.4	1.5-3.4	3.5-5.4	5.5-7.4	7.5-12.4	12.5-18.4	18.5-24.4	>=24.5	
N	0.000	0.046	0.139	0.232	0.279	0.882	0.604	0.046	0.000	2.228
NNE	0.000	0.000	0.046	0.371	0.511	1.068	0.836	0.000	0.000	2.832
NE	0.000	0.000	0.046	0.325	0.418	0.325	0.046	0.046	0.000	1.207
ENE	0.000	0.000	0.000	0.186	0.000	0.093	0.093	0.139	0.000	0.511
E	0.000	0.000	0.186	0.046	0.325	0.418	0.418	0.325	0.046	1.764
ESE	0.000	0.000	0.139	0.557	0.418	0.929	1.439	0.232	0.046	3.760
SE	0.000	0.000	0.604	1.161	0.696	1.811	1.021	0.557	0.000	5.850
SSE	0.000	0.000	0.557	0.929	1.021	1.439	0.604	0.186	0.371	5.107
S	0.000	0.046	0.557	0.279	0.557	1.161	1.114	0.557	0.186	4.457
SSW	0.000	0.000	0.325	0.743	0.232	0.464	0.743	0.325	0.000	2.832
SW	0.000	0.046	0.279	0.511	0.186	0.929	0.511	0.000	0.000	2.461
WSW	0.000	0.000	0.325	0.650	0.325	0.929	0.232	0.186	0.046	2.693
W	0.000	0.000	0.232	0.604	0.743	1.253	0.696	0.093	0.093	3.714
WNW	0.000	0.000	0.046	0.325	0.557	1.625	1.486	0.557	0.371	4.968
NW	0.000	0.000	0.046	0.464	0.743	1.532	1.021	1.207	0.557	5.571
NNW	0.000	0.046	0.093	0.186	0.139	0.975	1.578	0.371	0.000	3.389
SUBTOTAL	0.000	0.186	3.621	7.567	7.149	15.831	12.442	4.828	1.718	53.343

TOTAL HOURS OF VALID STABILITY OBSERVATIONS 2160
 TOTAL HOURS OF STABILITY CLASS D 1155
 TOTAL HOURS OF VALID WIND DIRECTION-WIND SPEED-STABILITY CLASS D 1149
 TOTAL HOURS OF VALID WIND DIRECTION-WIND SPEED-STABILITY OBSERVATIONS 2154
 TOTAL HOURS CALM 0

METEOROLOGICAL FACILITY: Browns Ferry Nuclear Plant
 STABILITY BASED ON DELTA-T BETWEEN 45.30 AND 89.59 METERS
 WIND SPEED AND DIRECTION MEASURED AT 90.29 METER LEVEL

DATE PRINTED: 2005/08/25

MEAN WIND SPEED = 10.83

NOTE: TOTALS AND SUBTOTALS ARE OBTAINED FROM UNROUNDED NUMBERS

JOINT PERCENTAGE FREQUENCIES OF WIND SPEED BY WIND DIRECTION FOR

STABILITY CLASS E (-0.5 < DELTA T <= 1.5 C/100 M)

Browns Ferry Nuclear Plant

APR 1, 2005 - JUN 30, 2005

WIND DIRECTION	WIND SPEED (MPH)									TOTAL
	CALM	0.6-1.4	1.5-3.4	3.5-5.4	5.5-7.4	7.5-12.4	12.5-18.4	18.5-24.4	>=24.5	
N	0.000	0.046	0.186	0.093	0.279	0.836	0.743	0.046	0.000	2.228
NNE	0.000	0.000	0.046	0.093	0.139	0.650	1.253	0.232	0.000	2.414
NE	0.000	0.000	0.093	0.093	0.093	0.371	0.557	0.000	0.000	1.207
ENE	0.000	0.000	0.139	0.093	0.232	0.139	0.371	0.000	0.000	0.975
E	0.000	0.000	0.139	0.093	0.093	0.511	0.186	0.000	0.000	1.021
ESE	0.000	0.000	0.139	0.139	0.279	0.836	0.418	0.093	0.046	1.950
SE	0.000	0.093	0.139	0.464	0.511	1.253	0.604	0.186	0.139	3.389
SSE	0.000	0.000	0.232	0.279	0.650	1.300	0.975	0.511	0.093	4.039
S	0.000	0.000	0.464	0.325	1.021	1.857	1.021	0.371	0.000	5.060
SSW	0.000	0.000	0.139	0.511	0.279	0.604	0.604	0.046	0.000	2.182
SW	0.000	0.000	0.186	0.325	0.279	0.836	0.371	0.000	0.000	1.996
WSW	0.000	0.000	0.139	0.186	0.232	0.650	0.186	0.000	0.000	1.393
W	0.000	0.000	0.139	0.093	0.186	0.882	0.093	0.000	0.046	1.439
WNW	0.000	0.000	0.093	0.093	0.139	0.371	0.232	0.046	0.000	0.975
NW	0.000	0.046	0.186	0.139	0.139	0.696	0.232	0.093	0.000	1.532
NNW	0.000	0.000	0.000	0.093	0.046	0.696	0.371	0.000	0.000	1.207
SUBTOTAL	0.000	0.186	2.461	3.110	4.596	12.488	8.217	1.625	0.325	33.008

TOTAL HOURS OF VALID STABILITY OBSERVATIONS	2160
TOTAL HOURS OF STABILITY CLASS E	711
TOTAL HOURS OF VALID WIND DIRECTION-WIND SPEED-STABILITY CLASS E	711
TOTAL HOURS OF VALID WIND DIRECTION-WIND SPEED-STABILITY OBSERVATIONS	2154
TOTAL HOURS CALM	0

METEOROLOGICAL FACILITY: Browns Ferry Nuclear Plant
 STABILITY BASED ON DELTA-T BETWEEN 45.30 AND 89.59 METERS
 WIND SPEED AND DIRECTION MEASURED AT 90.29 METER LEVEL

DATE PRINTED: 2005/08/25

MEAN WIND SPEED = 10.27

NOTE: TOTALS AND SUBTOTALS ARE OBTAINED FROM UNROUNDED NUMBERS

JOINT PERCENTAGE FREQUENCIES OF WIND SPEED BY WIND DIRECTION FOR
 STABILITY CLASS F (1.5< DELTA T<= 4.0 C/100 M)

Browns Ferry Nuclear Plant

APR 1, 2005 - JUN 30, 2005

WIND DIRECTION	WIND SPEED (MPH)									TOTAL
	CALM	0.6-1.4	1.5-3.4	3.5-5.4	5.5-7.4	7.5-12.4	12.5-18.4	18.5-24.4	>=24.5	
N	0.000	0.000	0.046	0.000	0.000	0.371	0.557	0.000	0.000	0.975
NNE	0.000	0.046	0.046	0.046	0.093	0.139	0.418	0.418	0.000	1.207
NE	0.000	0.000	0.000	0.000	0.000	0.232	0.604	0.186	0.000	1.021
ENE	0.000	0.046	0.093	0.000	0.046	0.093	0.000	0.093	0.000	0.371
E	0.000	0.000	0.093	0.046	0.000	0.186	0.186	0.000	0.000	0.511
ESE	0.000	0.000	0.000	0.046	0.139	0.232	0.000	0.000	0.000	0.418
SE	0.000	0.000	0.046	0.139	0.093	0.511	0.046	0.046	0.000	0.882
SSE	0.000	0.046	0.046	0.139	0.232	0.464	0.000	0.000	0.000	0.929
S	0.000	0.000	0.000	0.046	0.093	0.093	0.232	0.000	0.000	0.464
SSW	0.000	0.000	0.000	0.139	0.186	0.186	0.371	0.046	0.000	0.929
SW	0.000	0.046	0.000	0.093	0.093	0.557	0.093	0.000	0.000	0.882
WSW	0.000	0.000	0.000	0.046	0.000	0.093	0.000	0.000	0.000	0.139
W	0.000	0.000	0.000	0.000	0.000	0.232	0.000	0.000	0.000	0.232
WNW	0.000	0.046	0.000	0.000	0.046	0.093	0.093	0.000	0.000	0.279
NW	0.000	0.000	0.000	0.000	0.000	0.046	0.000	0.000	0.000	0.046
NNW	0.000	0.000	0.093	0.000	0.000	0.046	0.046	0.000	0.000	0.186
SUBTOTAL	0.000	0.232	0.464	0.743	1.021	3.575	2.646	0.789	0.000	9.471

TOTAL HOURS OF VALID STABILITY OBSERVATIONS 2160
 TOTAL HOURS OF STABILITY CLASS F 204
 TOTAL HOURS OF VALID WIND DIRECTION-WIND SPEED-STABILITY CLASS F 204
 TOTAL HOURS OF VALID WIND DIRECTION-WIND SPEED-STABILITY OBSERVATIONS 2154
 TOTAL HOURS CALM 0

METEOROLOGICAL FACILITY: Browns Ferry Nuclear Plant
 STABILITY BASED ON DELTA-T BETWEEN 45.30 AND 89.59 METERS
 WIND SPEED AND DIRECTION MEASURED AT 90.29 METER LEVEL

DATE PRINTED: 2005/08/25

MEAN WIND SPEED = 10.94

NOTE: TOTALS AND SUBTOTALS ARE OBTAINED FROM UNROUNDED NUMBERS

JOINT PERCENTAGE FREQUENCIES OF WIND SPEED BY WIND DIRECTION FOR
 STABILITY CLASS G (DELTA T > 4.0 C/100 M)

Browns Ferry Nuclear Plant

APR 1, 2005 - JUN 30, 2005

WIND DIRECTION	WIND SPEED (MPH)									TOTAL
	CALM	0.6-1.4	1.5-3.4	3.5-5.4	5.5-7.4	7.5-12.4	12.5-18.4	18.5-24.4	>=24.5	
N	0.000	0.000	0.000	0.000	0.000	0.186	0.093	0.000	0.000	0.279
NNE	0.000	0.000	0.000	0.000	0.000	0.046	0.511	0.046	0.000	0.604
NE	0.000	0.000	0.000	0.000	0.000	0.046	0.093	0.000	0.000	0.139
ENE	0.000	0.000	0.000	0.000	0.000	0.046	0.000	0.000	0.000	0.046
E	0.000	0.000	0.000	0.000	0.000	0.046	0.000	0.000	0.000	0.046
ESE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SE	0.000	0.000	0.000	0.000	0.046	0.093	0.000	0.000	0.000	0.139
SSE	0.000	0.000	0.000	0.093	0.046	0.000	0.000	0.000	0.000	0.139
S	0.000	0.000	0.046	0.046	0.000	0.093	0.000	0.000	0.000	0.186
SSW	0.000	0.000	0.046	0.000	0.000	0.046	0.000	0.000	0.000	0.093
SW	0.000	0.000	0.000	0.046	0.000	0.000	0.000	0.000	0.000	0.046
WSW	0.000	0.000	0.000	0.046	0.046	0.000	0.000	0.000	0.000	0.093
W	0.000	0.000	0.046	0.000	0.000	0.000	0.000	0.000	0.000	0.046
WNW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NW	0.000	0.000	0.046	0.000	0.000	0.000	0.000	0.000	0.000	0.046
NNW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SUBTOTAL	0.000	0.000	0.186	0.232	0.139	0.604	0.696	0.046	0.000	1.903

TOTAL HOURS OF VALID STABILITY OBSERVATIONS	2160
TOTAL HOURS OF STABILITY CLASS G	41
TOTAL HOURS OF VALID WIND DIRECTION-WIND SPEED-STABILITY CLASS G	41
TOTAL HOURS OF VALID WIND DIRECTION-WIND SPEED-STABILITY OBSERVATIONS	2154
TOTAL HOURS CALM	0

METEOROLOGICAL FACILITY: Browns Ferry Nuclear Plant
 STABILITY BASED ON DELTA-T BETWEEN 45.30 AND 89.59 METERS
 WIND SPEED AND DIRECTION MEASURED AT 90.29 METER LEVEL

DATE PRINTED: 2005/08/25

MEAN WIND SPEED = 10.61

NOTE: TOTALS AND SUBTOTALS ARE OBTAINED FROM UNROUNDED NUMBERS

METEOROLOGICAL DATA TABLES

BROWNS FERRY NUCLEAR PLANT

JANUARY - DECEMBER 2005

TABLE 24

JOINT FREQUENCY DISTRIBUTION IN PERCENT

FOR ELEVATED RELEASES

THIRD QUARTER

JOINT PERCENTAGE FREQUENCIES OF WIND SPEED BY WIND DIRECTION FOR
 STABILITY CLASS A (DELTA T<=-1.9 C/100 M)

Browns Ferry Nuclear Plant

JUL 1, 2005 - SEP 30, 2005

WIND DIRECTION	WIND SPEED (MPH)									TOTAL
	CALM	0.6-1.4	1.5-3.4	3.5-5.4	5.5-7.4	7.5-12.4	12.5-18.4	18.5-24.4	>=24.5	
N	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NNE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ENE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
E	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ESE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SSE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
S	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SSW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
WSW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
W	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
WNW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NNW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SUBTOTAL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

TOTAL HOURS OF VALID STABILITY OBSERVATIONS	2176
TOTAL HOURS OF STABILITY CLASS A	0
TOTAL HOURS OF VALID WIND DIRECTION-WIND SPEED-STABILITY CLASS A	0
TOTAL HOURS OF VALID WIND DIRECTION-WIND SPEED-STABILITY OBSERVATIONS	2171
TOTAL HOURS CALM	0

METEOROLOGICAL FACILITY: Browns Ferry Nuclear Plant
 STABILITY BASED ON DELTA-T BETWEEN 45.30 AND 89.59 METERS
 WIND SPEED AND DIRECTION MEASURED AT 90.29 METER LEVEL

DATE PRINTED: 2005/12/09

MEAN WIND SPEED = 0.00

NOTE: TOTALS AND SUBTOTALS ARE OBTAINED FROM UNROUNDED NUMBERS

JOINT PERCENTAGE FREQUENCIES OF WIND SPEED BY WIND DIRECTION FOR

STABILITY CLASS B (-1.9< DELTA T<=-1.7 C/100 M)

Browns Ferry Nuclear Plant

JUL 1, 2005 - SEP 30, 2005

WIND DIRECTION	WIND SPEED (MPH)									TOTAL
	CALM	0.6-1.4	1.5-3.4	3.5-5.4	5.5-7.4	7.5-12.4	12.5-18.4	18.5-24.4	>=24.5	
N	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NNE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ENE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
E	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ESE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SSE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
S	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SSW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
WSW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
W	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
WNW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NNW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SUBTOTAL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

TOTAL HOURS OF VALID STABILITY OBSERVATIONS	2176
TOTAL HOURS OF STABILITY CLASS B	0
TOTAL HOURS OF VALID WIND DIRECTION-WIND SPEED-STABILITY CLASS B	0
TOTAL HOURS OF VALID WIND DIRECTION-WIND SPEED-STABILITY OBSERVATIONS	2171
TOTAL HOURS CALM	0

METEOROLOGICAL FACILITY: Browns Ferry Nuclear Plant
 STABILITY BASED ON DELTA-T BETWEEN 45.30 AND 89.59 METERS
 WIND SPEED AND DIRECTION MEASURED AT 90.29 METER LEVEL

DATE PRINTED: 2005/12/09

MEAN WIND SPEED = 0.00

NOTE: TOTALS AND SUBTOTALS ARE OBTAINED FROM UNROUNDED NUMBERS

JOINT PERCENTAGE FREQUENCIES OF WIND SPEED BY WIND DIRECTION FOR

STABILITY CLASS C (-1.7 < DELTA T <= -1.5 C/100 M)

Browns Ferry Nuclear Plant

JUL 1, 2005 - SEP 30, 2005

WIND DIRECTION	WIND SPEED (MPH)									TOTAL
	CALM	0.6-1.4	1.5-3.4	3.5-5.4	5.5-7.4	7.5-12.4	12.5-18.4	18.5-24.4	>=24.5	
N	0.000	0.000	0.000	0.000	0.000	0.046	0.000	0.000	0.000	0.046
NNE	0.000	0.000	0.000	0.000	0.000	0.000	0.092	0.000	0.000	0.092
NE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ENE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
E	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ESE	0.000	0.000	0.000	0.000	0.000	0.046	0.000	0.000	0.000	0.046
SE	0.000	0.000	0.000	0.046	0.046	0.000	0.046	0.000	0.000	0.138
SSE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
S	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SSW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SW	0.000	0.000	0.000	0.046	0.000	0.092	0.000	0.000	0.000	0.138
WSW	0.000	0.000	0.000	0.000	0.046	0.000	0.000	0.000	0.000	0.046
W	0.000	0.000	0.000	0.000	0.000	0.046	0.000	0.000	0.000	0.046
WNW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NNW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SUBTOTAL	0.000	0.000	0.000	0.092	0.092	0.230	0.138	0.000	0.000	0.553

TOTAL HOURS OF VALID STABILITY OBSERVATIONS	2176
TOTAL HOURS OF STABILITY CLASS C	12
TOTAL HOURS OF VALID WIND DIRECTION-WIND SPEED-STABILITY CLASS C	12
TOTAL HOURS OF VALID WIND DIRECTION-WIND SPEED-STABILITY OBSERVATIONS	2171
TOTAL HOURS CALM	0

METEOROLOGICAL FACILITY: Browns Ferry Nuclear Plant
 STABILITY BASED ON DELTA-T BETWEEN 45.30 AND 89.59 METERS
 WIND SPEED AND DIRECTION MEASURED AT 90.29 METER LEVEL

DATE PRINTED: 2005/12/09

MEAN WIND SPEED = 9.57

NOTE: TOTALS AND SUBTOTALS ARE OBTAINED FROM UNROUNDED NUMBERS

JOINT PERCENTAGE FREQUENCIES OF WIND SPEED BY WIND DIRECTION FOR

STABILITY CLASS D (-1.5 < DELTA T <= -0.5 C/100 M)

Browns Ferry Nuclear Plant

JUL 1, 2005 - SEP 30, 2005

WIND DIRECTION	WIND SPEED (MPH)									TOTAL
	CALM	0.6-1.4	1.5-3.4	3.5-5.4	5.5-7.4	7.5-12.4	12.5-18.4	18.5-24.4	>=24.5	
N	0.000	0.000	0.276	0.368	0.691	1.382	0.645	0.000	0.046	3.409
NNE	0.000	0.000	0.230	0.184	0.322	0.553	0.230	0.000	0.000	1.520
NE	0.000	0.046	0.230	0.230	0.461	0.230	0.092	0.000	0.046	1.336
ENE	0.000	0.046	0.046	0.368	0.276	0.599	0.138	0.000	0.368	1.842
E	0.000	0.000	0.276	0.322	0.599	0.322	0.322	0.000	0.046	1.889
ESE	0.000	0.000	0.553	0.553	0.829	1.612	0.553	0.046	0.092	4.238
SE	0.000	0.046	0.461	1.105	1.612	1.889	0.829	0.415	0.553	6.909
SSE	0.000	0.000	0.599	1.059	0.875	1.336	0.599	0.230	0.368	5.067
S	0.000	0.000	0.691	0.967	0.645	1.796	0.507	0.046	0.046	4.698
SSW	0.000	0.046	0.737	0.921	0.553	0.967	0.553	0.184	0.000	3.961
SW	0.000	0.000	0.507	1.152	0.461	0.553	0.507	0.046	0.000	3.224
WSW	0.000	0.000	0.967	1.704	0.691	0.553	0.138	0.000	0.092	4.146
W	0.000	0.000	0.276	0.829	1.290	1.013	0.092	0.138	0.046	3.685
WNW	0.000	0.000	0.184	0.507	1.013	1.152	0.184	0.000	0.000	3.040
NW	0.000	0.000	0.046	0.368	0.461	0.967	0.092	0.000	0.000	1.935
NNW	0.000	0.000	0.368	0.184	0.184	0.599	0.046	0.000	0.000	1.382
SUBTOTAL	0.000	0.184	6.449	10.825	10.963	15.523	5.527	1.105	1.704	52.280

TOTAL HOURS OF VALID STABILITY OBSERVATIONS	2176
TOTAL HOURS OF STABILITY CLASS D	1138
TOTAL HOURS OF VALID WIND DIRECTION-WIND SPEED-STABILITY CLASS D	1135
TOTAL HOURS OF VALID WIND DIRECTION-WIND SPEED-STABILITY OBSERVATIONS	2171
TOTAL HOURS CALM	0

METEOROLOGICAL FACILITY: Browns Ferry Nuclear Plant
 STABILITY BASED ON DELTA-T BETWEEN 45.30 AND 89.59 METERS
 WIND SPEED AND DIRECTION MEASURED AT 90.29 METER LEVEL

DATE PRINTED: 2005/12/09

MEAN WIND SPEED = 8.40

NOTE: TOTALS AND SUBTOTALS ARE OBTAINED FROM UNROUNDED NUMBERS

JOINT PERCENTAGE FREQUENCIES OF WIND SPEED BY WIND DIRECTION FOR

STABILITY CLASS E (-0.5< DELTA T<= 1.5 C/100 M)

Browns Ferry Nuclear Plant

JUL 1, 2005 - SEP 30, 2005

WIND DIRECTION	WIND SPEED (MPH)									TOTAL
	CALM	0.6-1.4	1.5-3.4	3.5-5.4	5.5-7.4	7.5-12.4	12.5-18.4	18.5-24.4	>=24.5	
N	0.000	0.000	0.046	0.230	0.230	0.645	0.599	0.046	0.000	1.796
NNE	0.000	0.000	0.046	0.276	0.138	0.967	0.829	0.138	0.000	2.395
NE	0.000	0.000	0.184	0.368	0.368	0.553	0.415	0.184	0.000	2.073
ENE	0.000	0.046	0.184	0.138	0.322	1.059	0.230	0.138	0.138	2.257
E	0.000	0.046	0.046	0.415	0.507	1.105	0.829	0.000	0.092	3.040
ESE	0.000	0.046	0.276	0.276	0.875	1.750	0.829	0.000	0.000	4.053
SE	0.000	0.000	0.645	0.507	0.783	1.152	0.507	0.046	0.092	3.731
SSE	0.000	0.046	0.553	0.875	0.276	0.461	0.046	0.000	0.000	2.257
S	0.000	0.092	0.368	0.599	0.230	0.599	0.046	0.000	0.092	2.027
SSW	0.000	0.000	0.368	0.599	0.461	0.737	0.276	0.184	0.000	2.626
SW	0.000	0.000	0.507	0.415	0.553	0.599	0.138	0.000	0.000	2.211
WSW	0.000	0.000	0.553	0.461	0.230	0.184	0.046	0.000	0.000	1.474
W	0.000	0.000	0.415	0.645	0.415	0.276	0.000	0.000	0.000	1.750
WNW	0.000	0.046	0.276	0.322	0.415	0.322	0.000	0.000	0.000	1.382
NW	0.000	0.000	0.230	0.368	0.276	0.230	0.046	0.092	0.000	1.244
NNW	0.000	0.000	0.230	0.046	0.092	0.368	0.230	0.046	0.000	1.013
SUBTOTAL	0.000	0.322	4.929	6.541	6.172	11.009	5.067	0.875	0.415	35.329

TOTAL HOURS OF VALID STABILITY OBSERVATIONS	2176
TOTAL HOURS OF STABILITY CLASS E	769
TOTAL HOURS OF VALID WIND DIRECTION-WIND SPEED-STABILITY CLASS E	767
TOTAL HOURS OF VALID WIND DIRECTION-WIND SPEED-STABILITY OBSERVATIONS	2171
TOTAL HOURS CALM	0

METEOROLOGICAL FACILITY: Browns Ferry Nuclear Plant
 STABILITY BASED ON DELTA-T BETWEEN 45.30 AND 89.59 METERS
 WIND SPEED AND DIRECTION MEASURED AT 90.29 METER LEVEL

DATE PRINTED: 2005/12/09

MEAN WIND SPEED = 8.36

NOTE: TOTALS AND SUBTOTALS ARE OBTAINED FROM UNROUNDED NUMBERS

JOINT PERCENTAGE FREQUENCIES OF WIND SPEED BY WIND DIRECTION FOR
 STABILITY CLASS F (1.5< DELTA T<= 4.0 C/100 M)

Browns Ferry Nuclear Plant

JUL 1, 2005 - SEP 30, 2005

WIND DIRECTION	WIND SPEED(MPH)									TOTAL
	CALM	0.6-1.4	1.5-3.4	3.5-5.4	5.5-7.4	7.5-12.4	12.5-18.4	18.5-24.4	>=24.5	
N	0.000	0.000	0.138	0.046	0.046	0.276	0.322	0.092	0.000	0.921
NNE	0.000	0.000	0.000	0.138	0.230	0.092	0.368	0.507	0.000	1.336
NE	0.000	0.000	0.046	0.046	0.322	0.461	0.553	0.138	0.000	1.566
ENE	0.000	0.000	0.046	0.092	0.138	0.368	0.184	0.046	0.000	0.875
E	0.000	0.000	0.092	0.092	0.138	0.322	0.138	0.046	0.000	0.829
ESE	0.000	0.000	0.000	0.046	0.322	0.921	0.276	0.000	0.000	1.566
SE	0.000	0.000	0.092	0.184	0.230	0.415	0.092	0.000	0.000	1.013
SSE	0.000	0.000	0.000	0.092	0.000	0.046	0.000	0.000	0.000	0.138
S	0.000	0.000	0.046	0.046	0.000	0.000	0.000	0.000	0.000	0.092
SSW	0.000	0.046	0.000	0.046	0.000	0.046	0.046	0.000	0.000	0.184
SW	0.000	0.000	0.092	0.000	0.046	0.092	0.000	0.000	0.000	0.230
WSW	0.000	0.000	0.046	0.184	0.092	0.046	0.000	0.000	0.000	0.368
W	0.000	0.000	0.046	0.092	0.000	0.000	0.000	0.000	0.000	0.138
WNW	0.000	0.000	0.046	0.046	0.000	0.000	0.000	0.000	0.000	0.092
NW	0.000	0.000	0.000	0.000	0.046	0.000	0.000	0.000	0.000	0.046
NNW	0.000	0.000	0.000	0.046	0.046	0.000	0.000	0.000	0.000	0.092
SUBTOTAL	0.000	0.046	0.691	1.198	1.658	3.086	1.981	0.829	0.000	9.489

TOTAL HOURS OF VALID STABILITY OBSERVATIONS 2176
 TOTAL HOURS OF STABILITY CLASS F 206
 TOTAL HOURS OF VALID WIND DIRECTION-WIND SPEED-STABILITY CLASS F 206
 TOTAL HOURS OF VALID WIND DIRECTION-WIND SPEED-STABILITY OBSERVATIONS 2171
 TOTAL HOURS CALM 0

METEOROLOGICAL FACILITY: Browns Ferry Nuclear Plant
 STABILITY BASED ON DELTA-T BETWEEN 45.30 AND 89.59 METERS
 WIND SPEED AND DIRECTION MEASURED AT 90.29 METER LEVEL

DATE PRINTED: 2005/12/09

MEAN WIND SPEED = 10.14

NOTE: TOTALS AND SUBTOTALS ARE OBTAINED FROM UNROUNDED NUMBERS

JOINT PERCENTAGE FREQUENCIES OF WIND SPEED BY WIND DIRECTION FOR

STABILITY CLASS G (DELTA T > 4.0 C/100 M)

Browns Ferry Nuclear Plant

JUL 1, 2005 - SEP 30, 2005

WIND DIRECTION	WIND SPEED (MPH)									TOTAL
	CALM	0.6-1.4	1.5-3.4	3.5-5.4	5.5-7.4	7.5-12.4	12.5-18.4	18.5-24.4	>=24.5	
N	0.000	0.000	0.000	0.000	0.046	0.046	0.138	0.000	0.000	0.230
NNE	0.000	0.000	0.000	0.000	0.000	0.184	0.368	0.138	0.000	0.691
NE	0.000	0.000	0.000	0.000	0.046	0.184	0.230	0.138	0.000	0.599
ENE	0.000	0.000	0.000	0.000	0.046	0.092	0.046	0.000	0.000	0.184
E	0.000	0.000	0.000	0.000	0.092	0.230	0.046	0.000	0.000	0.368
ESE	0.000	0.000	0.000	0.046	0.046	0.000	0.000	0.000	0.000	0.092
SE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SSE	0.000	0.000	0.000	0.000	0.046	0.000	0.000	0.000	0.000	0.046
S	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SSW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
WSW	0.000	0.000	0.000	0.092	0.000	0.000	0.000	0.000	0.000	0.092
W	0.000	0.000	0.000	0.046	0.000	0.000	0.000	0.000	0.000	0.046
WNW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NNW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SUBTOTAL	0.000	0.000	0.000	0.184	0.322	0.737	0.829	0.276	0.000	2.349

TOTAL HOURS OF VALID STABILITY OBSERVATIONS	2176
TOTAL HOURS OF STABILITY CLASS G	51
TOTAL HOURS OF VALID WIND DIRECTION-WIND SPEED-STABILITY CLASS G	51
TOTAL HOURS OF VALID WIND DIRECTION-WIND SPEED-STABILITY OBSERVATIONS	2171
TOTAL HOURS CALM	0

METEOROLOGICAL FACILITY: Browns Ferry Nuclear Plant
 STABILITY BASED ON DELTA-T BETWEEN 45.30 AND 89.59 METERS
 WIND SPEED AND DIRECTION MEASURED AT 90.29 METER LEVEL

DATE PRINTED: 2005/12/09

MEAN WIND SPEED = 12.59

NOTE: TOTALS AND SUBTOTALS ARE OBTAINED FROM UNROUNDED NUMBERS

METEOROLOGICAL DATA TABLES
BROWNS FERRY NUCLEAR PLANT
JANUARY - DECEMBER 2005

TABLE 25
JOINT FREQUENCY DISTRIBUTION IN PERCENT
FOR ELEVATED RELEASES
FOURTH QUARTER

JOINT PERCENTAGE FREQUENCIES OF WIND SPEED BY WIND DIRECTION FOR

STABILITY CLASS A (DELTA T<=-1.9 C/100 M)

Browns Ferry Nuclear Plant

OCT 1, 2005 - DEC 31, 2005

WIND DIRECTION	WIND SPEED (MPH)									TOTAL
	CALM	0.6-1.4	1.5-3.4	3.5-5.4	5.5-7.4	7.5-12.4	12.5-18.4	18.5-24.4	>=24.5	
N	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NNE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ENE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
E	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ESE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SSE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
S	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SSW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
WSW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
W	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
WNW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NNW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SUBTOTAL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

TOTAL HOURS OF VALID STABILITY OBSERVATIONS	2164
TOTAL HOURS OF STABILITY CLASS A	0
TOTAL HOURS OF VALID WIND DIRECTION-WIND SPEED-STABILITY CLASS A	0
TOTAL HOURS OF VALID WIND DIRECTION-WIND SPEED-STABILITY OBSERVATIONS	2158
TOTAL HOURS CALM	0

METEOROLOGICAL FACILITY: Browns Ferry Nuclear Plant
 STABILITY BASED ON DELTA-T BETWEEN 45.30 AND 89.59 METERS
 WIND SPEED AND DIRECTION MEASURED AT 90.29 METER LEVEL

DATE PRINTED: 2006/02/21

MEAN WIND SPEED = 0.00

NOTE: TOTALS AND SUBTOTALS ARE OBTAINED FROM UNROUNDED NUMBERS

JOINT PERCENTAGE FREQUENCIES OF WIND SPEED BY WIND DIRECTION FOR

STABILITY CLASS B (-1.9 < DELTA T <= -1.7 C/100 M)

Browns Ferry Nuclear Plant

OCT 1, 2005 - DEC 31, 2005

WIND DIRECTION	WIND SPEED (MPH)									TOTAL
	CALM	0.6-1.4	1.5-3.4	3.5-5.4	5.5-7.4	7.5-12.4	12.5-18.4	18.5-24.4	>=24.5	
N	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NNE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ENE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
E	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ESE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SSE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
S	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SSW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SW	0.000	0.000	0.000	0.000	0.000	0.046	0.000	0.000	0.000	0.046
WSW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
W	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.046	0.000	0.046
WNW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NNW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SUBTOTAL	0.000	0.000	0.000	0.000	0.000	0.046	0.000	0.046	0.000	0.093

TOTAL HOURS OF VALID STABILITY OBSERVATIONS	2164
TOTAL HOURS OF STABILITY CLASS B	2
TOTAL HOURS OF VALID WIND DIRECTION-WIND SPEED-STABILITY CLASS B	2
TOTAL HOURS OF VALID WIND DIRECTION-WIND SPEED-STABILITY OBSERVATIONS	2158
TOTAL HOURS CALM	0

METEOROLOGICAL FACILITY: Browns Ferry Nuclear Plant
 STABILITY BASED ON DELTA-T BETWEEN 45.30 AND 89.59 METERS
 WIND SPEED AND DIRECTION MEASURED AT 90.29 METER LEVEL

DATE PRINTED: 2006/02/21

MEAN WIND SPEED = 13.55

NOTE: TOTALS AND SUBTOTALS ARE OBTAINED FROM UNROUNDED NUMBERS

JOINT PERCENTAGE FREQUENCIES OF WIND SPEED BY WIND DIRECTION FOR

STABILITY CLASS C (-1.7 < DELTA T <= -1.5 C/100 M)

Browns Ferry Nuclear Plant

OCT 1, 2005 - DEC 31, 2005

WIND DIRECTION	WIND SPEED (MPH)									TOTAL
	CALM	0.6-1.4	1.5-3.4	3.5-5.4	5.5-7.4	7.5-12.4	12.5-18.4	18.5-24.4	>=24.5	
N	0.000	0.000	0.000	0.000	0.046	0.278	0.139	0.000	0.000	0.463
NNE	0.000	0.000	0.000	0.000	0.000	0.000	0.093	0.000	0.000	0.093
NE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ENE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
E	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ESE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SSE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
S	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SSW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SW	0.000	0.000	0.000	0.046	0.000	0.046	0.000	0.000	0.000	0.093
WSW	0.000	0.000	0.000	0.000	0.000	0.139	0.046	0.000	0.000	0.185
W	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
WNW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.046	0.000	0.046
NW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NNW	0.000	0.000	0.000	0.000	0.000	0.046	0.000	0.000	0.000	0.046
SUBTOTAL	0.000	0.000	0.000	0.046	0.046	0.510	0.278	0.046	0.000	0.927

TOTAL HOURS OF VALID STABILITY OBSERVATIONS	2164
TOTAL HOURS OF STABILITY CLASS C	20
TOTAL HOURS OF VALID WIND DIRECTION-WIND SPEED-STABILITY CLASS C	20
TOTAL HOURS OF VALID WIND DIRECTION-WIND SPEED-STABILITY OBSERVATIONS	2158
TOTAL HOURS CALM	0

METEOROLOGICAL FACILITY: Browns Ferry Nuclear Plant
 STABILITY BASED ON DELTA-T BETWEEN 45.30 AND 89.59 METERS
 WIND SPEED AND DIRECTION MEASURED AT 90.29 METER LEVEL

DATE PRINTED: 2006/02/21

MEAN WIND SPEED = 11.48

NOTE: TOTALS AND SUBTOTALS ARE OBTAINED FROM UNROUNDED NUMBERS

JOINT PERCENTAGE FREQUENCIES OF WIND SPEED BY WIND DIRECTION FOR

STABILITY CLASS D (-1.5 < DELTA T <= -0.5 C/100 M)

Browns Ferry Nuclear Plant

OCT 1, 2005 - DEC 31, 2005

WIND DIRECTION	WIND SPEED (MPH)									TOTAL
	CALM	0.6-1.4	1.5-3.4	3.5-5.4	5.5-7.4	7.5-12.4	12.5-18.4	18.5-24.4	>=24.5	
N	0.000	0.000	0.046	0.324	0.510	3.012	2.363	0.139	0.046	6.441
NNE	0.000	0.000	0.093	0.324	0.649	1.854	1.112	0.278	0.000	4.310
NE	0.000	0.000	0.232	0.185	0.417	0.927	0.278	0.000	0.000	2.039
ENE	0.000	0.000	0.046	0.093	0.232	0.463	0.046	0.000	0.000	0.880
E	0.000	0.046	0.046	0.185	0.046	0.139	0.139	0.000	0.000	0.602
ESE	0.000	0.046	0.093	0.232	0.046	0.741	0.602	0.046	0.000	1.807
SE	0.000	0.000	0.232	0.371	0.185	0.463	0.788	0.371	0.417	2.827
SSE	0.000	0.000	0.185	0.232	0.232	0.139	0.463	0.324	0.463	2.039
S	0.000	0.000	0.185	0.324	0.278	0.973	1.019	1.668	0.602	5.051
SSW	0.000	0.093	0.139	0.324	0.093	0.695	0.556	0.371	0.093	2.363
SW	0.000	0.000	0.232	0.278	0.139	0.556	0.602	0.232	0.000	2.039
WSW	0.000	0.000	0.185	0.093	0.232	0.788	0.510	0.046	0.046	1.900
W	0.000	0.046	0.278	0.510	0.371	1.019	1.297	0.324	0.046	3.892
WNW	0.000	0.000	0.046	0.278	0.556	1.205	1.112	1.205	0.139	4.541
NW	0.000	0.000	0.046	0.185	0.649	0.973	2.966	1.946	0.046	6.812
NNW	0.000	0.000	0.093	0.185	0.371	1.576	1.807	0.324	0.000	4.356
SUBTOTAL	0.000	0.232	2.178	4.124	5.005	15.524	15.663	7.275	1.900	51.900

TOTAL HOURS OF VALID STABILITY OBSERVATIONS	2164
TOTAL HOURS OF STABILITY CLASS D	1124
TOTAL HOURS OF VALID WIND DIRECTION-WIND SPEED-STABILITY CLASS D	1120
TOTAL HOURS OF VALID WIND DIRECTION-WIND SPEED-STABILITY OBSERVATIONS	2158
TOTAL HOURS CALM	0

METEOROLOGICAL FACILITY: Browns Ferry Nuclear Plant
 STABILITY BASED ON DELTA-T BETWEEN 45.30 AND 89.59 METERS
 WIND SPEED AND DIRECTION MEASURED AT 90.29 METER LEVEL

DATE PRINTED: 2006/02/21

MEAN WIND SPEED = 12.56

NOTE: TOTALS AND SUBTOTALS ARE OBTAINED FROM UNROUNDED NUMBERS

JOINT PERCENTAGE FREQUENCIES OF WIND SPEED BY WIND DIRECTION FOR

STABILITY CLASS E (-0.5 < DELTA T <= 1.5 C/100 M)

Browns Ferry Nuclear Plant

OCT 1, 2005 - DEC 31, 2005

WIND DIRECTION	WIND SPEED (MPH)									TOTAL
	CALM	0.6-1.4	1.5-3.4	3.5-5.4	5.5-7.4	7.5-12.4	12.5-18.4	18.5-24.4	>=24.5	
N	0.005	0.000	0.185	0.093	0.185	1.019	1.437	0.185	0.000	3.110
NNE	0.004	0.000	0.139	0.093	0.139	0.741	1.019	0.139	0.000	2.274
NE	0.001	0.000	0.046	0.139	0.000	0.371	0.649	0.000	0.000	1.206
ENE	0.003	0.000	0.093	0.046	0.139	0.371	0.510	0.000	0.000	1.161
E	0.000	0.000	0.000	0.139	0.139	0.278	0.278	0.046	0.000	0.880
ESE	0.008	0.000	0.278	0.093	0.000	0.880	1.344	0.139	0.000	2.742
SE	0.005	0.000	0.185	0.185	0.185	1.158	1.205	0.417	1.066	4.407
SSE	0.003	0.000	0.093	0.232	0.093	0.510	1.483	0.741	0.139	3.293
S	0.000	0.000	0.000	0.000	0.046	0.556	1.205	0.556	0.093	2.456
SSW	0.001	0.000	0.046	0.278	0.185	0.556	0.324	0.139	0.093	1.623
SW	0.003	0.046	0.046	0.185	0.602	1.158	0.417	0.139	0.000	2.598
WSW	0.001	0.000	0.046	0.046	0.093	0.324	0.371	0.000	0.000	0.882
W	0.000	0.000	0.000	0.139	0.093	0.602	0.417	0.046	0.000	1.297
WNW	0.003	0.000	0.093	0.185	0.000	0.185	0.093	0.000	0.000	0.559
NW	0.008	0.093	0.185	0.046	0.093	0.139	0.324	0.185	0.000	1.074
NNW	0.003	0.000	0.093	0.139	0.232	0.278	1.158	0.093	0.000	1.995
SUBTOTAL	0.046	0.139	1.529	2.039	2.224	9.129	12.234	2.827	1.390	31.557

TOTAL HOURS OF VALID STABILITY OBSERVATIONS	2164
TOTAL HOURS OF STABILITY CLASS E	682
TOTAL HOURS OF VALID WIND DIRECTION-WIND SPEED-STABILITY CLASS E	681
TOTAL HOURS OF VALID WIND DIRECTION-WIND SPEED-STABILITY OBSERVATIONS	2158
TOTAL HOURS CALM	1

METEOROLOGICAL FACILITY: Browns Ferry Nuclear Plant
 STABILITY BASED ON DELTA-T BETWEEN 45.30 AND 89.59 METERS
 WIND SPEED AND DIRECTION MEASURED AT 90.29 METER LEVEL

DATE PRINTED: 2006/02/21

MEAN WIND SPEED = 12.75

NOTE: TOTALS AND SUBTOTALS ARE OBTAINED FROM UNROUNDED NUMBERS

JOINT PERCENTAGE FREQUENCIES OF WIND SPEED BY WIND DIRECTION FOR

STABILITY CLASS F (1.5< DELTA T<= 4.0 C/100 M)

Browns Ferry Nuclear Plant

OCT 1, 2005 - DEC 31, 2005

WIND DIRECTION	WIND SPEED (MPH)									TOTAL
	CALM	0.6-1.4	1.5-3.4	3.5-5.4	5.5-7.4	7.5-12.4	12.5-18.4	18.5-24.4	>=24.5	
N	0.000	0.000	0.000	0.000	0.000	0.232	0.371	0.278	0.000	0.880
NNE	0.000	0.000	0.000	0.046	0.093	0.185	1.112	0.139	0.000	1.576
NE	0.000	0.000	0.046	0.000	0.093	0.324	0.278	0.417	0.000	1.158
ENE	0.000	0.000	0.093	0.046	0.000	0.093	0.371	0.046	0.000	0.649
E	0.000	0.000	0.093	0.046	0.046	0.139	0.278	0.139	0.000	0.741
ESE	0.000	0.000	0.000	0.139	0.139	0.278	0.556	0.046	0.000	1.158
SE	0.000	0.000	0.000	0.000	0.139	0.463	0.185	0.000	0.000	0.788
SSE	0.000	0.000	0.046	0.046	0.046	0.371	0.324	0.000	0.000	0.834
S	0.000	0.000	0.000	0.000	0.046	0.324	0.046	0.046	0.000	0.463
SSW	0.000	0.000	0.000	0.046	0.046	0.278	0.463	0.185	0.000	1.019
SW	0.000	0.000	0.000	0.000	0.139	0.324	0.046	0.000	0.000	0.510
WSW	0.000	0.000	0.000	0.046	0.093	0.278	0.000	0.000	0.000	0.417
W	0.000	0.000	0.000	0.000	0.000	0.000	0.046	0.000	0.000	0.046
WNW	0.000	0.000	0.000	0.046	0.000	0.046	0.000	0.000	0.000	0.093
NW	0.000	0.000	0.000	0.046	0.000	0.046	0.000	0.000	0.000	0.093
NNW	0.000	0.000	0.000	0.000	0.000	0.000	0.139	0.000	0.000	0.139
SUBTOTAL	0.000	0.000	0.278	0.510	0.880	3.383	4.217	1.297	0.000	10.565

TOTAL HOURS OF VALID STABILITY OBSERVATIONS	2164
TOTAL HOURS OF STABILITY CLASS F	228
TOTAL HOURS OF VALID WIND DIRECTION-WIND SPEED-STABILITY CLASS F	228
TOTAL HOURS OF VALID WIND DIRECTION-WIND SPEED-STABILITY OBSERVATIONS	2158
TOTAL HOURS CALM	0

METEOROLOGICAL FACILITY: Browns Ferry Nuclear Plant
 STABILITY BASED ON DELTA-T BETWEEN 45.30 AND 89.59 METERS
 WIND SPEED AND DIRECTION MEASURED AT 90.29 METER LEVEL

DATE PRINTED: 2006/02/21

MEAN WIND SPEED = 12.60

NOTE: TOTALS AND SUBTOTALS ARE OBTAINED FROM UNROUNDED NUMBERS

JOINT PERCENTAGE FREQUENCIES OF WIND SPEED BY WIND DIRECTION FOR

STABILITY CLASS G (DELTA T > 4.0 C/100 M)

Browns Ferry Nuclear Plant

OCT 1, 2005 - DEC 31, 2005

WIND DIRECTION	WIND SPEED (MPH)									TOTAL
	CALM	0.6-1.4	1.5-3.4	3.5-5.4	5.5-7.4	7.5-12.4	12.5-18.4	18.5-24.4	>=24.5	
N	0.000	0.000	0.000	0.000	0.000	0.000	0.278	0.232	0.000	0.510
NNE	0.000	0.000	0.000	0.000	0.000	0.371	0.510	0.232	0.000	1.112
NE	0.000	0.000	0.000	0.000	0.046	0.232	0.556	0.000	0.000	0.834
ENE	0.000	0.000	0.000	0.000	0.046	0.093	0.139	0.000	0.000	0.278
E	0.000	0.000	0.000	0.000	0.000	0.046	0.000	0.000	0.000	0.046
ESE	0.000	0.000	0.000	0.000	0.046	0.093	0.046	0.000	0.000	0.185
SE	0.000	0.000	0.000	0.000	0.000	0.278	0.093	0.000	0.000	0.371
SSE	0.000	0.000	0.000	0.000	0.046	0.417	0.324	0.000	0.000	0.788
S	0.000	0.000	0.000	0.000	0.046	0.232	0.000	0.000	0.000	0.278
SSW	0.000	0.000	0.000	0.093	0.000	0.000	0.000	0.000	0.000	0.093
SW	0.000	0.000	0.000	0.139	0.046	0.000	0.046	0.000	0.000	0.232
WSW	0.000	0.000	0.000	0.093	0.046	0.093	0.000	0.000	0.000	0.232
W	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
WNW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NNW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SUBTOTAL	0.000	0.000	0.000	0.324	0.324	1.854	1.993	0.463	0.000	4.958

TOTAL HOURS OF VALID STABILITY OBSERVATIONS	2164
TOTAL HOURS OF STABILITY CLASS G	108
TOTAL HOURS OF VALID WIND DIRECTION-WIND SPEED-STABILITY CLASS G	107
TOTAL HOURS OF VALID WIND DIRECTION-WIND SPEED-STABILITY OBSERVATIONS	2158
TOTAL HOURS CALM	0

METEOROLOGICAL FACILITY: Browns Ferry Nuclear Plant
 STABILITY BASED ON DELTA-T BETWEEN 45.30 AND 89.59 METERS
 WIND SPEED AND DIRECTION MEASURED AT 90.29 METER LEVEL

DATE PRINTED: 2006/02/21

MEAN WIND SPEED = 12.44

NOTE: TOTALS AND SUBTOTALS ARE OBTAINED FROM UNROUNDED NUMBERS