

EFFLUENT AND WASTE DISPOSAL

SEMIANNUAL REPORT

DAVIS-BESSE NUCLEAR POWER STATION

UNIT 1

For the Period From

January 1, 1984 - June 30, 1984

Docket No. 50-346

License No. NPF-3

TOLEDO EDISON COMPANY

300 MADISON AVENUE

TOLEDO, OHIO 43652

AUGUST, 1984

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January 1, 1984 - June 30, 1984

TABLE OF CONTENTS

PAGE -----	TOPIC -----	TABLE -----
1	Supplemental information	
5	Gaseous Effluents - Summation of All Releases	1A
6	Gaseous Effluents - Elevated Releases	1B
7	Gaseous Effluents - Mixed Mode Releases	1C
8	Liquid Effluents - Summation of All Releases	2A
9	Liquid Effluents	2B
10	Solid Waste and Irradiated Fuel Shipments	3A
11	Maximum Individual Dose Due to Release of Noble Gas	1
12	Maximum Individual Dose Due to Release of H3, C14, Iodines, and Particulates	2
13	Population Dose Due to Release of Noble Gas	3
14	Population Dose Due to Release of H3, C14, Iodines, and Particulates	4
15	Population Dose Due to Liquid Releases	5
16	Maximum Individual Dose Due to Liquid Releases	6

TABLE OF CONTENTS
(continued)

PAGE ----	TOPIC -----	TABLE -----
17	Joint Frequency Distributions, First Quarter Continuous Releases, 35 ft. elevation	7
25	Joint Frequency Distributions, First Quarter Continuous Releases, 250 ft. elevation	8
33	Joint Frequency Distributions, Second Quarter Continuous Releases, 35 ft. elevation	9
41	Joint Frequency Distributions, Second Quarter Continuous Releases, 250 ft. elevation	10
49	Joint Frequency Distributions, First Quarter Batch Releases, 35 ft. elevation	11
57	Joint Frequency Distributions, First Quarter Batch Releases, 250 ft. elevation	12
65	Joint Frequency Distributions, Second Quarter Batch releases, 35 ft. elevation	13
73	Joint Frequency Distributions, Second Quarter Batch Releases, 250 ft. elevation	14
81	Hourly Meteorological Data During First Quarter Batch Releases	15
82	Hourly Meteorological Data During Second Quarter Batch Releases	16

Facility: Davis-Besse Nuclear Power Station, Unit 1
 Licensee: The Toledo Edison Company
 Reporting Period: January 1, 1984 to June 30, 1984

Supplemental Information:

1. Regulatory Limits

Liquid and Gaseous Radioactive Effluent Limits

	LIQUID	GAS		
		NOBLE GAS	IODINES & PARTICULATES*	I-131
ANNUAL DESIGN OBJECTIVES	5 mrem/site 5 curies/reactor**	10 mrad γ /site 20 mrad β /site	15 mrem/site	1 curie per reactor
CURIE LIMIT PER REACTOR	10/quarter** 20/12 consecutive months			2/quarter 4/12 consecutive mos.
CURIE LIMIT/TANK	10**	45000		
UNPLANNED OR UNCONTROLLED RELEASE REPORT-CURIES	0.5	5	0.02 (radio-nuclides)	
DOSE LIMIT*** PER SITE		500 mrem/yr. total body 3000 mrem/yr. skin 20 mrad γ /qtr. 40 mrad β /qtr. 40 mrad γ /12 cons. mos. 80 mrad β /12 cons. mos.	1500 mrem/yr. thyroid 30 mrem/qtr. 60 mrem/12 cons. mos.	
MICROCURIES PER MILLILITER LIMIT	10 CFR 20, App. B, Table II, Column 2			
ACTION LEVEL	2.5 curies/qtr.** per reactor	5 mrad γ /qtr. 10 mrad β /qtr. per site	7.5 mrem/qtr. per site	0.5 curies/qtr. per reactor

* With half-lives greater than 8 days. ** Not including tritium & dissolved gases.

*** 500 mrem/yr., 1500 mrem/yr., and 3000 mrem/yr. limits are for instantaneous releases.

2. Maximum Permissible Concentrations - Limits used are specified in 10CFR20, Appendix B, Table II, Column 1 and 2.

3. Average Energy - Not applicable.

4. Measurements and Approximations of Total Radioactivity

a. Fission and Activation Gases

1. These gases, excluding tritium, are collected in a Marinelli type beaker, specially modified for gas sampling, steel bombs, or glass vials and counted on a germanium detector for principal gamma emitters.
 2. Tritium gas is collected using a bubble apparatus and counted by liquid scintillation.
- b. Iodines - are collected on a charcoal cartridge filter, and counted on a germanium detector.
- c. Particulates - are collected on filter paper and counted on a germanium detector.
- d. Liquid Effluents - are collected in bottles and counted on a germanium detector.

5. Batch Releases

a. Liquid

- | | |
|---|------------------|
| 1. Number of batch releases: | 38 |
| 2. Total time period for batch releases: | 6.99E+01 Hours |
| 3. Maximum time period for a batch release: | 3.51E+02 Minutes |
| 4. Average time period for batch releases: | 1.10E+02 Minutes |
| 5. Minimum time period for a batch release: | 5.00E+01 Minutes |

b. Gaseous

- | | |
|---|------------------|
| 1. Number of batch releases: | 9 |
| 2. Number of containment purges: | 4 |
| 3. Number of waste gas decay tank releases: | 5 |
| 4. Total time period for batch releases: | 1.85E+02 Hours |
| 5. Maximum time period for a batch release: | 7.29E+03 Minutes |
| 6. Average time period for batch releases: | 1.23E+03 Minutes |
| 7. Minimum time period for a batch release: | 1.49E+02 Minutes |

6. Abnormal Releases

None

Type of Activity	Limits from Env. Tech. Specs.	Percent of Limit
a. Quarterly: Gaseous First quarter, 1984		
Noble gases (gamma)	20 mRad/atr.	1.56E-02
Noble gases (beta)	40 mRad/atr.	2.12E-01
Airborne radioiodines and Particulates	30 mRem/atr.	0.00E-01
Iodine-131	2 Ci/atr.	2.50E-02
b. Quarterly: Gaseous Second quarter, 1984		
Noble gases (gamma)	20 mRad/atr.	2.12E-02
Noble gases (beta)	40 mRad/atr.	3.52E-01
Airborne radioiodines and Particulates	30 mRem/atr.	0.00E-01
Iodine-131	2 Ci/atr.	3.68E-02
c. 12 Consecutive Months: Gaseous		
Noble gases (gamma)	40 mRad/12 mo.	1.82E-02
Noble gases (beta)	80 mRad/12 mo.	2.91E-01
Airborne radioiodines and Particulates	60 mRem/12 mo.	0.00E-01
Iodine-131	4 Ci/12 mo.	3.09E-02
d. Quarterly: Liquid First quarter, 1984		
Liquid (excluding tritium and dissolved gases)	10 Ci/atr.	6.49E-01
e. Quarterly: Liquid Second quarter, 1984		
Liquid (excluding tritium and dissolved gases)	10 Ci/atr.	1.81E-01
f. 12 Consecutive Months:		
Liquid (excluding tritium and dissolved gases)	20 Ci/12 mo.	4.15E-01

8. Dose Assessment

The following is a list of the sources of input data:

- a. Water usage - source:
Appendix I analysis, NRC Docket 50-346, Evaluation of Compliance with Appendix I to 10 CFR, June 4, 1976, Davis-Besse Nuclear Power Station Unit No. 1.
- b. 0-50 mile meat, milk, vegetable production, and population data - source:
1982 Annual Environmental Operating Report, report entitled, "Evaluation of Compliance With Appendix I to 10CFR50: Updated Population, Agricultural, Meat-Animal, and Milk Production Data Tables for 1982". This evaluation was based on the 1980 Census; the Agricultural Ministry of Ontario 1980 report entitled, "Agricultural Statistics and Livestock Marketing Account, 1980"; the Agricultural Ministry of Ontario 1980 report entitled "Agricultural Statistics for Ontario - 1980 Publication 21, 1980"; the Michigan Department of Agriculture, July, 1981 report entitled "Michigan Agricultural Statistics, 1981"; the Ohio Crop Reporting Service, 1981 report entitled "Ohio Agricultural Statistics, 1981"
- c. Gaseous and liquid source terms - sources: Tables 1A, 1C, 2A, and 2B.
- d. Location of the nearest individuals and pathways by sector out to 5 miles - source:
1983 Annual Environmental Operating Report, report entitled, "Land Use Census".

Tables 1 and 3 present the maximum doses computed from the noble gas effluents for each quarter. Tables 2 and 4 present doses resulting from gaseous iodine, and particulate effluents. Doses resulting from liquid releases are presented in Tables 5 and 6.

 | TABLE 1A |
 | EFFLUENT AND WASTE DISPOSAL SEMIANNUAL REPORT (1984) |
GASEOUS EFFLUENTS - SUMMATION OF ALL RELEASES

	UNIT	1ST QUARTER	2ND QUARTER	EST. TOTAL ERROR, %
	-----	-----	-----	-----
A. FISSION & ACTIVATION GASES				
1. TOTAL RELEASE	CI	1.44E+02	2.41E+02	2.00E+01
2. AVERAGE RELEASE RATE FOR PERIOD	UCI/SEC	1.83E+01	3.07E+01	
*3. PERCENT OF TECHNICAL SPECIFICATION LIMIT	%	2.12E-01	3.52E-01	
B. IODINES				
1. IODINE - 131	CI	5.01E-04	7.36E-04	2.00E+01
2. AVERAGE RELEASE RATE FOR PERIOD	UCI/SEC	6.37E-05	9.37E-05	
**3. PERCENT OF TECHNICAL SPECIFICATION LIMIT	%	2.50E-02	3.68E-02	
C. PARTICULATES				
1. PARTICULATES WITH HALF-LIVES > 8 DAYS	CI	0.00E-01	0.00E-01	2.00E+01
2. AVERAGE RELEASE RATE FOR PERIOD	UCI/SEC	0.00E-01	0.00E-01	
***3. PERCENT OF TECHNICAL SPECIFICATION LIMIT	%	0.00E-01	0.00E-01	
4. GROSS ALPHA RADIO- ACTIVITY	CI	2.40E-05	3.01E-06	
D. TRITIUM				
1. TOTAL RELEASE	CI	2.76E+00	2.42E+00	2.00E+01
2. AVERAGE RELEASE RATE FOR PERIOD	UCI/SEC	3.51E-01	3.08E-01	
****3. PERCENT OF TECHNICAL SPECIFICATION LIMIT	%	7.32E-04	6.43E-04	

* BASED ON ENVIRONMENTAL TECHNICAL SPECIFICATION (ETS) 2.4.3.B(1) FOR QUARTERLY BETA FRACTION DOSE FROM NOBLE GASES.

** BASED ON ETS 2.4.3.B(5) FOR THE QUARTERLY DOSE FROM I-131; 2 CI PER CALENDAR QUARTER.

*** BASED ON ETS 2.4.3.B(3) FOR THE QUARTERLY DOSE FROM ALL RADIOIODINES AND RADIOACTIVE MATERIALS IN PARTICULATE FORM WITH HALF-LIVES GREATER THAN EIGHT DAYS.

**** BASED ON 10CFR20, APPENDIX B, TABLE II, COLUMN 1 USING 2 E-7 UCI/CC FOR HYDROGEN-3 AND ANNUAL AVERAGE X/Q OF 4.17 E-6 SEC/CU.M FROM THE FSAR.

EFFLUENT AND WASTE DISPOSAL SEMIANNUAL REPORT (84-1)

GASEOUS EFFLUENTS- ELEVATED RELEASE *

Nuclides Released	Unit	Quar- ter	Quar- ter	Quar- ter	Quar- ter
-------------------	------	--------------	--------------	--------------	--------------

1. Fission gases

krypton-85	Ci	. E	. E	. E	. E
krypton-85m	Ci	. E	. E	. E	. E
krypton-87	Ci	. E	. E	. E	. E
krypton-88	Ci	. E	. E	. E	. E
xenon-133	Ci	. E	. E	. E	. E
xenon-135	Ci	. E	. E	. E	. E
xenon-135m	Ci	. E	. E	. E	. E
xenon-138	Ci	. E	. E	. E	. E
Others (specify)	Ci	. E	. E	. E	. E
	Ci	. E	. E	. E	. E
	Ci	. E	. E	. E	. E
unidentified	Ci	. E	. E	. E	. E
Total for period	Ci	. E	. E	. E	. E

2. Iodines

iodine-131	Ci	. E	. E	. E	. E
iodine-133	Ci	. E	. E	. E	. E
iodine-135	Ci	. E	. E	. E	. E
Total for period	Ci	. E	. E	. E	. E

3. Particulates

strontium-89	Ci	. E	. E	. E	. E
strontium-90	Ci	. E	. E	. E	. E
cesium-134	Ci	. E	. E	. E	. E
cesium-137	Ci	. E	. E	. E	. E
barium-lanthanum-140	Ci	. E	. E	. E	. E
Others (specify)	Ci	. E	. E	. E	. E
	Ci	. E	. E	. E	. E
	Ci	. E	. E	. E	. E
unidentified	Ci	. E	. E	. E	. E

* Not applicable; all releases are classified as mixed mode releases.

 | TABLE 1C |
 | EFFLUENT AND WASTE DISPOSAL SEMIANNUAL REPORT (1984) |
GASEOUS EFFLUENTS MIXED MODE RELEASES

NUCLIDES RELEASED	UNIT	CONTINUOUS MODE		BATCH MODE	
		1ST QUARTER	2ND QUARTER	1ST QUARTER	2ND QUARTER

1. FISSION GASES					
AR-41	CI	0.00E-01	0.00E-01	0.00E-01	3.87E-01
KR85M	CI	0.00E-01	0.00E-01	0.00E-01	1.40E-02
KR-85	CI	0.00E-01	0.00E-01	1.81E+00	7.87E-01
XE131M	CI	0.00E-01	0.00E-01	6.05E-02	6.51E-02
XE133M	CI	0.00E-01	0.00E-01	8.13E-01	1.65E+00
XE-133	CI	1.50E+01	6.90E+01	1.25E+02	1.68E+02
XE-135	CI	9.73E-01	4.55E-01	1.62E-01	7.37E-01
TOTAL FOR PERIOD	CI	1.59E+01	6.95E+01	1.28E+02	1.72E+02
2. IODINES					
I-131	CI	5.01E-04	7.36E-04	0.00E-01	0.00E-01
I-133	CI	4.67E-05	2.70E-04	0.00E-01	0.00E-01
TOTAL FOR PERIOD	CI	5.48E-04	1.01E-03	0.00E-01	0.00E-01
3. PARTICULATES					
H-3	CI	2.71E+00	2.32E+00	4.55E-02	1.04E-01
TOTAL FOR PERIOD	CI	2.71E+00	2.32E+00	4.55E-02	1.04E-01

 | TABLE 2A |
 | |
 | EFFLUENT AND WASTE DISPOSAL SEMIANNUAL REPORT (1984) |
 | LIQUID EFFLUENTS - SUMMATION OF ALL RELEASES |

	UNIT	1ST QUARTER	2ND QUARTER	EST. TOTAL ERROR, %

A. FISSION & ACTIVATION PRODUCTS				
1. TOTAL RELEASE (WITHOUT TRITIUM, GASES, ALPHA)	CI	6.49E-02	1.81E-02	2.00E+01
2. AVERAGE DILUTED CONCENTRATION DURING PERIOD	UCI/ML	8.50E-09	2.30E-09	
3. PERCENT OF TECHNICAL SPEC. LIMIT, 10 CI	%	6.49E-01	1.81E-01	
4. PERCENT OF 10 CFR 20 LIMIT	%	3.97E-02	2.76E-02	
B. TRITIUM				
1. TOTAL RELEASE	CI	1.63E+01	5.87E+01	2.00E+01
2. AVERAGE DILUTED CONCENTRATION DURING PERIOD	UCI/ML	2.14E-06	7.47E-06	
3. PERCENT OF 10 CFR 20 LIMIT	%	7.12E-02	2.49E-01	
C. DISSOLVED & ENTRAINED GASES				
1. TOTAL RELEASE	CI	1.02E-01	3.73E-01	2.00E+01
2. AVERAGE DILUTED CONCENTRATION DURING PERIOD	UCI/ML	1.34E-08	4.75E-08	
3. PERCENT OF 4 E-5 UCI/CC LIMIT	%	3.35E-02	1.19E-01	
D. GROSS ALPHA RADIOACTIVITY				
1. TOTAL RELEASE	CI	0.00E-01	0.00E-01	2.00E+01
E. VOLUME OF WASTE RELEASED				
(PRIOR TO DILUTION)	LITERS	5.60E+05	6.73E+05	2.00E+01
F. VOLUME OF DILUTION WATER				
USED DURING PERIOD	LITERS	7.64E+09	7.86E+09	2.00E+01

 | TABLE 2B |
 | EFFLUENT AND WASTE DISPOSAL SEMIANNUAL REPORT (1984) |
LIQUID EFFLUENTS

NUCLIDES RELEASED	UNIT	CONTINUOUS MODE*		BATCH MODE	
		1ST QUARTER	2ND QUARTER	1ST QUARTER	2ND QUARTER
CR-51	CI			2.12E-03	5.21E-04
MN-54	CI			6.28E-04	1.21E-04
FE-59	CI			8.58E-04	1.15E-05
CO-58	CI			2.40E-02	7.56E-03
CO-60	CI			9.93E-03	2.75E-03
ZR-95	CI			7.89E-04	1.32E-04
NB-95	CI			1.01E-04	7.94E-05
MO-99	CI			0.00E-01	1.19E-04
TC99M	CI			0.00E-01	2.33E-04
AG110M	CI			2.56E-02	4.26E-03
TE-132	CI			0.00E-01	7.63E-06
I-131	CI			4.53E-04	5.01E-04
I-133	CI			0.00E-01	7.05E-05
CS-134	CI			6.07E-05	4.19E-04
CS-136	CI			0.00E-01	9.48E-06
CS-137	CI			0.00E-01	9.03E-04
BA-140	CI			0.00E-01	9.33E-05
LA-140	CI			5.52E-05	2.55E-04
CE-141	CI			6.03E-05	1.55E-05
CE-143	CI			5.13E-05	1.18E-05
CE-144	CI			1.87E-04	0.00E-01
W-187	CI			0.00E-01	4.94E-05
TOTAL FOR PERIOD ABOVE	CI			6.49E-02	1.81E-02

* NOT APPLICABLE; ALL RADIOACTIVE LIQUID EFFLUENTS ARE RELEASED BY BATCH MODE.

EFFLUENT AND WASTE DISPOSAL SEMIANNUAL REPORT (84-1)

SOLID WASTE AND IRRADIATED FUEL SHIPMENTS

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

1. Type of waste	Unit	6-month Period	Est. Total Error, %
a. Spent reins, filter sludges, evaporator bottoms, etc.	3 M Ci	4.94 E+1 3.50 E+2	1.0 E+1
b. Dry compressible waste, contaminated equip, etc.	3 M Ci	3.12 E+1 9.41 E-1	1.0 E+1
c. Irradiated components, control rods, etc.	3 M Ci	. E . E	. E
d. Other (describe)	3 M Ci	. E . E	. E

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

a. Cs-137	%	4.77 E+1
Co-58	%	1.77 E+1
Cs-134	%	2.56 E+1
b. Cs-137	%	4.60 E+1
Co-60	%	1.60 E+1
Ni-63	%	1.30 E+1
c. N/A	%	. E
d. N/A	%	. E

3. Solid Waste Disposition

Number of Shipments	Mode of Transportation	Destination
11	Truck	Barnwell Waste Mgmt Facil. Barnwell, S.C. 29812

B. IRRADIATED FUEL SHIPMENTS (Disposition)

Number of Shipments	Mode of Transportation	Destination
None	N/A	N/A

SEMIANNUAL MAXIMUM INDIVIDUAL DOSE TABLE (GASEOUS)

JAN. 1, 1984 THROUGH JUNE 30, 1984

DOSE DUE TO RELEASE OF NOBLE GAS

WHOLE BODY DOSE (MREM)

	CRITICAL SECTOR	CRITICAL DISTANCE	CRITICAL AGE	CRITICAL ORGAN	CRITICAL DOSE
FIRST QUARTER	NNE	870.(M)	NA	W BODY	1.95E-03
SECOND QUARTER	NNE	870.(M)	NA	W BODY	1.98E-03
SEMIANNUAL TOTAL	NNE	870.(M)	NA	W BODY	3.93E-03

SKIN DOSES (MREM)

	CRITICAL SECTOR	CRITICAL DISTANCE	CRITICAL AGE	CRITICAL ORGAN	CRITICAL DOSE
FIRST QUARTER	NNE	870.(M)	NA	SKIN	5.47E-03
SECOND QUARTER	NNE	870.(M)	NA	SKIN	5.71E-03
SEMIANNUAL TOTAL	NNE	870.(M)	NA	SKIN	1.12E-02

SEMIANNUAL MAXIMUM INDIVIDUAL DOSE TABLE (GASEOUS)

JAN. 1, 1984 THROUGH JUNE 30, 1984

DOSE DUE TO RELEASE OF H3, C14, AND RADIOIODINES AND PARTICULATES

WHOLE BODY DOSE (MREM)

	CRITICAL SECTOR	CRITICAL DISTANCE	CRITICAL AGE	CRITICAL ORGAN	CRITICAL DOSE
FIRST QUARTER	NNE	900.(M)	CHILD	W BODY	2.18E-03
SECOND QUARTER	W	980.(M)	CHILD	W BODY	9.25E-04
SEMIANNUAL TOTAL	NNE	900.(M)	CHILD	W BODY	2.56E-03

SIGNIFICANT ORGAN DOSES (MREM)

	CRITICAL SECTOR	CRITICAL DISTANCE	CRITICAL AGE	CRITICAL ORGAN	CRITICAL DOSE
FIRST QUARTER	SE	16090.(M)	INFANT	THYROID	8.05E-02
SECOND QUARTER	SE	16090.(M)	INFANT	THYROID	1.40E-01
SEMIANNUAL TOTAL	SE	16090.(M)	INFANT	THYROID	2.21E-01

SEMIANNUAL POPULATION DOSE TABLE (GASEOUS)

JAN. 1, 1984 THROUGH JUNE 30, 1984

DOSE DUE TO RELEASE OF NOBLE GAS

	TOTAL INTEGRATED POPULATION DOSE (MANREM)	AVERAGE DOSE TO INDIVIDUALS IN POPULATION (MREM)
	WHOLE BODY	WHOLE BODY
FIRST QUARTER	5.76E-03	2.59E-06
SECOND QUARTER	6.90E-03	3.10E-06
SEMIANNUAL TOTAL	1.27E-02	5.69E-06

SEMIANNUAL POPULATION DOSE TABLE (GASEOUS)

JAN. 1, 1984 THROUGH JUNE 30, 1984

DOSE DUE TO RELEASE OF H3, C14, AND RADIOIODINES AND PARTICULATES

	TOTAL INTEGRATED POPULATION DOSE (MANREM)	AVERAGE DOSE TO INDIVIDUALS IN POPULATION (MREM)
	WHOLE BODY	WHOLE BODY
FIRST QUARTER	1.47E-03	2.59E-07
SECOND QUARTER	7.93E-04	3.56E-07
SEMIANNUAL TOTAL	2.26E-03	1.01E-06

SEMIANNUAL POPULATION DOSE TABLE (LIQUID)

JAN. 1, 1984 THROUGH JUNE 30, 1984

	TOTAL INTEGRATED POPULATION DOSE (MANREM)	AVERAGE DOSE TO INDIVIDUALS IN POPULATION (MREM)
	WHOLE BODY	WHOLE BODY
FIRST QUARTER	6.46E-01	2.90E-04
SECOND QUARTER	2.92E-01	1.31E-04
SEMIANNUAL TOTAL	9.38E-01	4.21E-04

SEMIANNUAL MAXIMUM INDIVIDUAL DOSE TABLE (LIQUID)

JAN. 1, 1984 THROUGH JUNE 30, 1984

CRITICAL RECEPTOR : 0.6 MILES NW OF DISCHARGE

	WHOLE BODY DOSES (MREM)		SIGNIFICANT ORGAN DOSES (MREM)		
	CRITICAL AGE	CRITICAL DOSE	CRITICAL AGE	CRITICAL ORGAN	CRITICAL DOSE
FIRST QUARTER	ADULT	1.91E-03	TEEN	KIDNEY	3.42E-02
SECOND QUARTER	ADULT	1.59E-02	TEEN	LIVER	2.11E-02
SEMIANNUAL TOTAL	ADULT	1.78E-02	TEEN	KIDNEY	4.66E-02

Table 7

D A V I S - B E S S E
U N I T 1

JOINT FREQUENCY DISTRIBUTION
WIND SPEED AND DIRECTION BY ATMOSPHERIC STABILITY CLASS
35-FT WINDS AND DELTA TEMPERATURE (250FT-35FT)

PERIOD OF RECORD: 1/01/84 TO 3/31/84

STABILITY CLASS: A

ELEVATION: 35 FEET

WIND DIRECTION	WIND SPEED (MPH)						TOTAL
	0.7- 3.4	3.5- 7.4	7.5- 12.4	12.5- 18.4	18.5- 24.4	>24.4	
N	1	0	0	0	0	0	1
NNE	0	0	0	0	0	0	0
NE	0	0	0	0	0	0	0
ENE	0	0	0	0	0	0	0
E	0	0	0	0	0	0	0
ESE	0	0	0	0	0	0	0
SE	0	0	0	0	0	0	0
SSE	0	0	0	0	0	0	0
S	0	0	0	0	0	0	0
SSW	0	0	0	0	0	0	0
SW	0	0	3	0	0	0	3
WSW	0	0	1	0	0	0	1
W	0	0	0	1	0	0	1
WNW	0	0	0	0	0	0	0
NW	0	0	0	0	0	0	0
NNW	0	1	0	0	0	0	1
VARIABLE	0	0	0	0	0	0	0
TOTAL	1	1	4	1	0	0	7

PERIODS OF CALM (HOURS): 0

Table 7 Continued

D A V I S - B E S S E
U N I T 1

JOINT FREQUENCY DISTRIBUTION
WIND SPEED AND DIRECTION BY ATMOSPHERIC STABILITY CLASS
35-FT WINDS AND DELTA TEMPERATURE (250FT-35FT)

PERIOD OF RECORD: 1/01/84 TO 3/31/84

STABILITY CLASS: B

ELEVATION: 35 FEET

WIND DIRECTION	WIND SPEED (MPH)						TOTAL
	0.7- 3.4	3.5- 7.4	7.5- 12.4	12.5- 18.4	18.5- 24.4	>24.4	
N	0	1	0	0	0	0	1
NNE	0	0	0	0	0	0	0
NE	0	0	0	0	2	0	2
ENE	0	0	0	0	0	0	0
E	0	0	0	0	0	0	0
ESE	0	0	0	0	0	0	0
SE	0	0	0	0	0	0	0
SSE	0	0	0	0	0	0	0
S	0	2	0	0	0	0	2
SSW	0	0	2	0	0	0	2
SW	0	0	3	2	0	0	5
WSW	0	0	1	2	0	0	3
W	0	0	0	1	0	0	1
WNW	0	0	1	1	0	0	2
NW	0	3	3	4	0	0	10
NNW	0	2	2	0	0	0	4
VARIABLE	0	0	0	0	0	0	0
TOTAL	0	8	12	10	2	0	32

PERIODS OF CALM (HOURS): 0

Table 7 Continued
 DAVIS - BESSE
 UNIT 1

JOINT FREQUENCY DISTRIBUTION
 WIND SPEED AND DIRECTION BY ATMOSPHERIC STABILITY CLASS
 35-FT WINDS AND DELTA TEMPERATURE (250FT-35FT)

PERIOD OF RECORD: 1/01/84 TO 3/31/84

STABILITY CLASS: C

ELEVATION: 35 FEET

WIND DIRECTION	WIND SPEED (MPH)						TOTAL
	0.7- 3.4	3.5- 7.4	7.5- 12.4	12.5- 18.4	18.5- 24.4	>24.4	
N	0	0	1	0	0	0	1
NNE	0	0	0	0	0	0	0
NE	0	0	0	1	1	1	3
ENE	0	0	0	1	0	0	1
E	0	0	0	0	0	0	0
ESE	0	0	0	1	0	0	1
SE	0	0	0	0	0	0	0
SSE	0	0	0	0	0	0	0
S	0	0	0	0	0	0	0
SSW	0	0	3	0	0	0	3
SW	0	1	10	4	0	0	15
WSW	0	1	0	0	0	0	1
W	0	2	0	1	0	0	3
WNW	0	0	0	3	1	0	4
NW	0	2	7	5	1	0	15
NNW	0	1	3	0	0	0	4
VARIABLE	0	0	0	0	0	0	0
TOTAL	0	7	24	16	3	1	51

PERIODS OF CALM (HOURS): 0

Table 7 Continued

D A V I S - B E S S E
U N I T 1

JOINT FREQUENCY DISTRIBUTION
WIND SPEED AND DIRECTION BY ATMOSPHERIC STABILITY CLASS
35-FT WINDS AND DELTA TEMPERATURE (250FT-35FT)

PERIOD OF RECORD: 1/01/84 TO 3/31/84

STABILITY CLASS: D

ELEVATION: 35 FEET

WIND DIRECTION	WIND SPEED (MPH)						TOTAL
	0.7- 3.4	3.5- 7.4	7.5- 12.4	12.5- 18.4	18.5- 24.4	>24.4	
N	5	16	20	14	2	4	61
NNE	0	12	13	15	16	8	64
NE	0	10	20	20	11	15	76
ENE	0	11	48	52	23	14	148
E	0	11	22	34	2	0	69
ESE	0	10	9	4	0	0	23
SE	0	2	2	2	0	1	7
SSE	0	3	6	1	0	0	10
S	0	17	15	2	0	0	34
SSW	0	16	52	14	0	0	82
SW	2	18	61	66	18	0	165
WSW	3	8	57	61	27	2	158
W	0	9	34	22	6	0	71
WNW	1	5	33	30	8	0	77
NW	2	15	32	35	8	0	92
NNW	2	11	25	23	7	2	70
VARIABLE	0	0	0	0	0	0	0
TOTAL	15	174	449	395	128	46	1207

PERIODS OF CALM (HOURS): 0

Table 7 Continued

D A V I S - B E S S E
U N I T 1

JOINT FREQUENCY DISTRIBUTION
WIND SPEED AND DIRECTION BY ATMOSPHERIC STABILITY CLASS
35-FT WINDS AND DELTA TEMPERATURE (250FT-35FT)

PERIOD OF RECORD: 1/01/84 TO 3/31/84

STABILITY CLASS: E

ELEVATION: 35 FEET

WIND DIRECTION	WIND SPEED (MPH)						TOTAL
	0.7- 3.4	3.5- 7.4	7.5- 12.4	12.5- 18.4	18.5- 24.4	>24.4	
N	4	5	3	0	0	0	12
NNE	1	2	3	5	0	0	11
NE	1	4	5	2	0	0	12
ENE	0	7	14	0	0	0	21
E	1	12	10	0	0	0	23
ESE	2	6	9	0	0	0	17
SE	2	14	5	0	0	0	21
SSE	4	12	12	7	1	0	36
S	8	33	17	3	0	0	61
SSW	2	21	41	8	0	0	72
SW	1	20	44	15	10	2	92
WSW	0	14	49	19	0	0	82
W	1	11	22	1	1	0	36
WNW	0	3	18	9	1	0	31
NW	0	7	8	3	0	0	18
NNW	2	6	10	0	0	0	18
VARIABLE	0	0	0	0	0	0	0
TOTAL	29	177	270	72	13	2	563

PERIODS OF CALM (HOURS): 0

Table 7 Continued

D A V I S - B E S S E
U N I T 1

JOINT FREQUENCY DISTRIBUTION
WIND SPEED AND DIRECTION BY ATMOSPHERIC STABILITY CLASS
35-FT WINDS AND DELTA TEMPERATURE (250FT-35FT)

PERIOD OF RECORD: 1/01/84 TO 3/31/84

STABILITY CLASS: F

ELEVATION: 35 FEET

WIND DIRECTION	WIND SPEED (MPH)						TOTAL
	0.7- 3.4	3.5- 7.4	7.5- 12.4	12.5- 18.4	18.5- 24.4	>24.4	
N	9	4	2	0	0	0	15
NNE	1	0	0	0	0	0	1
NE	1	1	0	0	0	0	2
ENE	0	3	2	0	0	0	5
E	3	6	2	0	0	0	11
ESE	4	16	5	1	0	0	26
SE	1	8	4	0	0	0	13
SSE	5	16	1	1	0	0	23
S	4	15	2	0	0	0	21
SSW	4	13	6	0	0	0	23
SW	1	18	5	1	0	0	25
WSW	3	8	3	0	0	0	14
W	2	3	3	0	0	0	8
WNW	2	1	1	0	0	0	4
NW	2	6	3	0	0	0	11
NNW	1	3	0	0	0	0	4
VARIABLE	0	0	0	0	0	0	0
TOTAL	43	121	39	3	0	0	206

PERIODS OF CALM (HOURS): 0

Table 7 Continued

D A V I S - B E S S E
U N I T 1

JOINT FREQUENCY DISTRIBUTION
WIND SPEED AND DIRECTION BY ATMOSPHERIC STABILITY CLASS
35-FT WINDS AND DELTA TEMPERATURE (250FT-35FT)

PERIOD OF RECORD: 1/01/84 TO 3/31/84

STABILITY CLASS: G

ELEVATION: 35 FEET

WIND DIRECTION	WIND SPEED (MPH)						TOTAL
	0.7- 3.4	3.5- 7.4	7.5- 12.4	12.5- 18.4	18.5- 24.4	>24.4	
N	5	0	0	0	0	0	5
NNE	0	0	0	0	0	0	0
NE	0	0	1	0	0	0	1
ENE	5	1	0	0	0	0	6
E	0	1	4	0	0	0	5
ESE	0	5	9	1	0	0	15
SE	0	5	2	0	0	0	7
SSE	2	4	0	0	0	0	6
S	1	7	1	0	0	0	9
SSW	0	14	1	0	0	0	15
SW	0	2	0	0	0	0	2
WSW	1	0	0	0	0	0	1
W	1	0	0	0	0	0	1
WNW	0	0	0	0	0	0	0
NW	0	4	0	0	0	0	4
NNW	2	3	2	0	0	0	7
VARIABLE	0	0	0	0	0	0	0
TOTAL	17	46	20	1	0	0	84

PERIODS OF CALM (HOURS): 0

Table 7 Continued

D A V I S - B E S S E
U N I T 1

JOINT FREQUENCY DISTRIBUTION
WIND SPEED AND DIRECTION BY ATMOSPHERIC STABILITY CLASS
35-FT WINDS AND DELTA TEMPERATURE (250FT-35FT)

PERIOD OF RECORD: 1/01/84 TO 3/31/84

STABILITY CLASS: TOTAL

ELEVATION: 35 FEET

WIND DIRECTION	WIND SPEED (MPH)						TOTAL
	0.7- 3.4	3.5- 7.4	7.5- 12.4	12.5- 18.4	18.5- 24.4	>24.4	
N	24	26	26	14	2	4	96
NNE	2	14	16	20	16	8	76
NE	2	15	26	23	14	16	96
ENE	5	22	64	53	23	14	181
E	4	30	38	34	2	0	108
ESE	6	37	32	7	0	0	82
SE	3	29	13	2	0	1	48
SSE	11	35	19	9	1	0	75
S	13	74	35	5	0	0	127
SSW	6	64	105	22	0	0	197
SW	4	59	126	88	28	2	307
WSW	7	31	111	82	27	2	260
W	4	25	59	26	7	0	121
WNW	3	9	53	43	10	0	118
NW	4	37	53	47	9	0	150
NNW	7	27	42	23	7	2	108
VARIABLE	0	0	0	0	0	0	0
TOTAL	105	534	818	498	146	49	2150

PERIODS OF CALM (HOURS): 0

HOURS OF MISSING DATA: 34

Table 8

D A V I S - B E S S E
U N I T 1

JOINT FREQUENCY DISTRIBUTION
WIND SPEED AND DIRECTION BY ATMOSPHERIC STABILITY CLASS
250-FT WINDS AND DELTA TEMPERATURE (250FT-35FT)

PERIOD OF RECORD: 1/01/84 TO 3/31/84

STABILITY CLASS: A

ELEVATION: 250 FEET

WIND DIRECTION	WIND SPEED (MPH)						TOTAL
	0.7- 3.4	3.5- 7.4	7.5- 12.4	12.5- 18.4	18.5- 24.4	>24.4	
N	0	0	0	0	0	0	0
NNE	0	0	0	0	0	0	0
NE	0	0	0	0	0	0	0
ENE	0	0	0	0	0	0	0
E	0	0	0	0	0	0	0
ESE	0	0	0	0	0	0	0
SE	0	0	0	0	0	0	0
SSE	0	0	0	0	0	0	0
S	0	1	0	0	0	0	1
SSW	0	0	0	0	0	0	0
SW	0	0	3	0	0	0	3
WSW	0	0	1	0	0	0	1
W	0	0	0	1	0	0	1
WNW	0	0	0	0	0	0	0
NW	0	0	0	0	0	0	0
NNW	0	1	0	0	0	0	1
VARIABLE	0	0	0	0	0	0	0
TOTAL	0	2	4	1	0	0	7

PERIODS OF CALM (HOURS): 0

Table 8 Continued

D A V I S - B E S S E
U N I T 1

JOINT FREQUENCY DISTRIBUTION
WIND SPEED AND DIRECTION BY ATMOSPHERIC STABILITY CLASS
250-FT WINDS AND DELTA TEMPERATURE (250FT-35FT)

PERIOD OF RECORD: 1/01/84 TO 3/31/84

STABILITY CLASS: B

ELEVATION: 250 FEET

WIND DIRECTION	WIND SPEED (MPH)						TOTAL
	0.7- 3.4	3.5- 7.4	7.5- 12.4	12.5- 18.4	18.5- 24.4	>24.4	
N	0	1	0	0	0	0	1
NNE	0	0	0	0	0	0	0
NE	0	0	0	0	0	1	1
ENE	0	0	0	0	0	0	0
E	0	0	0	0	0	0	0
ESE	0	0	0	0	0	0	0
SE	0	0	0	0	0	0	0
SSE	0	0	0	0	0	0	0
S	0	0	0	0	0	0	0
SSW	0	0	0	1	0	0	1
SW	0	0	3	0	2	0	5
WSW	0	0	1	0	1	0	2
W	0	0	0	2	0	0	2
WNW	0	0	0	2	0	0	2
NW	0	3	2	4	1	0	10
NNW	0	1	2	1	0	0	4
VARIABLE	0	0	0	0	0	0	0
TOTAL	0	5	8	10	4	1	28

PERIODS OF CALM (HOURS): 0

Table 8 Continued

D A V I S - B E S S E
U N I T 1

JOINT FREQUENCY DISTRIBUTION
WIND SPEED AND DIRECTION BY ATMOSPHERIC STABILITY CLASS
250-FT WINDS AND DELTA TEMPERATURE (250FT-35FT)

PERIOD OF RECORD: 1/01/84 TO 3/31/84

STABILITY CLASS: C

ELEVATION: 250 FEET

WIND DIRECTION	WIND SPEED (MPH)						TOTAL
	0.7- 3.4	3.5- 7.4	7.5- 12.4	12.5- 18.4	18.5- 24.4	>24.4	
N	0	0	1	0	0	0	1
NNE	0	0	0	0	0	0	0
NE	0	0	0	0	0	2	2
ENE	0	0	0	0	0	0	0
E	0	0	0	0	0	0	0
ESE	0	0	0	1	0	0	1
SE	0	0	0	0	0	0	0
SSE	0	0	0	0	0	0	0
S	0	0	0	0	0	0	0
SSW	0	0	0	2	0	0	2
SW	0	0	3	8	3	0	14
WSW	0	1	1	0	0	0	2
W	0	1	0	1	0	0	2
WNW	0	1	0	1	0	0	2
NW	0	1	3	9	3	1	17
NNW	0	0	5	0	0	0	5
VARIABLE	0	0	0	0	0	0	0
TOTAL	0	4	13	22	6	3	48

PERIODS OF CALM (HOURS): 0

Table 8 Continued

D A V I S - B E S S E
U N I T 1

JOINT FREQUENCY DISTRIBUTION
WIND SPEED AND DIRECTION BY ATMOSPHERIC STABILITY CLASS
250-FT WIND^o AND DELTA TEMPERATURE (250FT-35FT)

PERIOD OF RECORD: 1/01/84 TO 3/31/84

STABILITY CLASS: D

ELEVATION: 250 FEET

WIND DIRECTION	WIND SPEED (MPH)						TOTAL
	0.7- 3.4	3.5- 7.4	7.5- 12.4	12.5- 18.4	18.5- 24.4	>24.4	
N	0	5	10	21	10	9	55
NNE	3	14	8	14	6	21	66
NE	2	7	13	9	10	16	57
ENE	0	4	9	36	33	53	135
E	0	6	13	23	34	10	86
ESE	0	6	6	8	4	0	24
SE	0	2	3	4	0	0	9
SSE	0	0	0	2	1	0	3
S	0	1	9	11	11	1	33
SSW	0	1	15	30	16	8	70
SW	1	7	16	53	35	12	124
WSW	1	5	12	69	61	40	188
W	0	3	16	48	16	5	88
WNW	0	0	13	34	15	4	66
NW	0	5	19	29	26	11	90
NNW	1	8	17	23	24	14	87
VARIABLE	1	0	0	0	0	0	1
TOTAL	9	74	179	414	302	204	1182

PERIODS OF CALM (HOURS): 0

Table 8 Continued

D A V I S - B E S S E
U N I T 1

JOINT FREQUENCY DISTRIBUTION
WIND SPEED AND DIRECTION BY ATMOSPHERIC STABILITY CLASS
250-FT WINDS AND DELTA TEMPERATURE (250FT-35FT)

PERIOD OF RECORD: 1/01/84 TO 3/31/84

STABILITY CLASS: E

ELEVATION: 250 FEET

WIND DIRECTION	WIND SPEED (MPH)						TOTAL
	0.7- 3.4	3.5- 7.4	7.5- 12.4	12.5- 18.4	18.5- 24.4	>24.4	
N	0	0	3	8	0	0	11
NNE	0	2	6	0	0	0	8
NE	2	1	3	1	2	0	9
ENE	0	3	6	4	0	0	13
E	0	3	2	10	7	0	22
ESE	0	0	2	9	2	0	13
SE	1	0	3	2	0	0	6
SSE	0	5	4	15	5	2	31
S	1	0	11	19	18	12	61
SSW	1	6	10	29	22	7	75
SW	0	4	8	27	11	14	64
WSW	1	0	8	55	29	6	99
W	1	1	5	24	10	0	41
WNW	1	0	7	23	6	2	39
NW	1	2	2	11	13	2	31
NNW	0	0	4	9	3	0	16
VARIABLE	7	0	0	0	0	0	7
TOTAL	16	27	84	246	128	45	546

PERIODS OF CALM (HOURS): 4

Table 8 Continued

D A V I S - B E S S E
U N I T 1

JOINT FREQUENCY DISTRIBUTION
WIND SPEED AND DIRECTION BY ATMOSPHERIC STABILITY CLASS
250-FT WINDS AND DELTA TEMPERATURE (250FT-35FT)

PERIOD OF RECORD: 1/01/84 TO 3/31/84

STABILITY CLASS: F

ELEVATION: 250 FEET

WIND DIRECTION	WIND SPEED (MPH)						TOTAL
	0.7- 3.4	3.5- 7.4	7.5- 12.4	12.5- 18.4	18.5- 24.4	>24.4	
N	0	2	0	6	2	0	10
NNE	0	1	6	0	0	0	7
NE	0	3	0	0	0	0	3
ENE	0	5	1	0	0	0	6
E	0	1	2	6	1	0	10
ESE	0	2	7	10	4	1	24
SE	0	2	0	6	3	1	12
SSE	0	1	2	5	0	2	10
S	0	0	7	9	9	0	25
SSW	0	1	2	10	10	0	23
SW	1	2	0	9	7	1	20
WSW	0	1	1	13	2	0	17
W	0	1	3	6	0	0	10
WNW	0	0	4	7	0	0	11
NW	1	1	2	2	0	0	6
NNW	0	3	1	5	1	0	10
VARIABLE	1	0	0	0	0	0	1
TOTAL	3	26	38	94	39	5	205

PERIODS OF CALM (HOURS): 0

Table 8 Continued

D A V I S - B E S S E
U N I T 1

JOINT FREQUENCY DISTRIBUTION
WIND SPEED AND DIRECTION BY ATMOSPHERIC STABILITY CLASS
250-FT WINDS AND DELTA TEMPERATURE (250FT-35FT)

PERIOD OF RECORD: 1/01/84 TO 3/31/84

STABILITY CLASS: G

ELEVATION: 250 FEET

WIND DIRECTION	WIND SPEED (MPH)						TOTAL
	0.7- 3.4	3.5- 7.4	7.5- 12.4	12.5- 18.4	18.5- 24.4	>24.4	
N	0	1	0	2	4	0	7
NNE	0	0	2	0	0	0	2
NE	0	0	0	0	0	0	0
ENE	0	2	1	0	0	0	3
E	0	1	0	0	0	0	1
ESE	0	0	5	0	2	1	8
SE	0	0	2	3	1	7	13
SSE	0	0	0	5	2	0	7
S	0	0	0	5	2	0	7
SSW	0	0	1	9	3	0	13
SW	0	0	1	3	9	0	13
WSW	0	0	0	5	1	0	6
W	0	0	0	0	0	0	0
WNW	0	0	0	0	0	0	0
NW	0	1	0	0	0	0	1
NNW	0	0	1	0	2	0	3
VARIABLE	0	0	0	0	0	0	0
TOTAL	0	5	13	32	26	8	84

PERIODS OF CALM (HOURS): 0

Table 8 Continued

D A V I S - B E S S E
U N I T 1

JOINT FREQUENCY DISTRIBUTION
WIND SPEED AND DIRECTION BY ATMOSPHERIC STABILITY CLASS
250-FT WINDS AND DELTA TEMPERATURE (250FT-35FT)

PERIOD OF RECORD: 1/01/84 TO 3/31/84

STABILITY CLASS: TOTAL

ELEVATION: 250 FEET

WIND DIRECTION	WIND SPEED (MPH)						TOTAL
	0.7- 3.4	3.5- 7.4	7.5- 12.4	12.5- 18.4	18.5- 24.4	>24.4	
N	0	9	14	37	16	9	85
NNE	3	17	22	14	6	21	83
NE	4	11	16	10	12	19	72
ENE	0	14	17	40	33	53	157
E	0	11	17	39	42	10	119
ESE	0	8	20	28	12	2	70
SE	1	4	8	15	4	8	40
SSE	0	6	6	27	8	4	51
S	1	2	27	44	40	13	127
SSW	1	8	28	81	51	15	184
SW	2	13	34	100	67	27	243
WSW	2	7	24	142	94	46	315
W	1	6	24	82	26	5	144
WNW	1	1	24	67	21	6	120
NW	2	13	28	55	43	14	155
NNW	1	13	30	38	30	14	126
VARIABLE	9	0	0	0	0	0	9
TOTAL	28	143	339	819	505	266	2100

PERIODS OF CALM (HOURS): 0

HOURS OF MISSING DATA: 84

Table 9

D A V I S - B E S S E
U N I T 1

JOINT FREQUENCY DISTRIBUTION
WIND SPEED AND DIRECTION BY ATMOSPHERIC STABILITY CLASS
35-FT WINDS AND DELTA TEMPERATURE (250FT-35FT)

PERIOD OF RECORD: 4/01/84 TO 6/30/84

STABILITY CLASS: A

ELEVATION: 35 FEET

WIND DIRECTION	WIND SPEED (MPH)						TOTAL
	0.7- 3.4	3.5- 7.4	7.5- 12.4	12.5- 18.4	18.5- 24.4	>24.4	
N	1	1	0	0	0	0	2
NNE	0	0	0	0	0	0	0
NE	0	0	0	0	0	0	0
ENE	0	0	0	5	0	0	5
E	0	0	0	0	0	0	0
ESE	0	0	0	0	0	0	0
SE	0	0	0	0	0	0	0
SSE	0	0	0	0	0	0	0
S	0	0	0	0	0	0	0
SSW	0	0	0	0	0	0	0
SW	0	1	0	0	0	0	1
WSW	0	0	0	0	0	0	0
W	0	1	0	0	0	0	1
WNW	0	0	0	0	1	0	1
NW	0	0	0	0	1	0	1
NNW	0	0	0	0	0	0	0
VARIABLE	0	0	0	0	0	0	0
TOTAL	1	3	0	5	2	0	11

PERIODS OF CALM (HOURS): 0

Table 9 Continued

D A V I S - B E S S E
U N I T 1

JOINT FREQUENCY DISTRIBUTION
WIND SPEED AND DIRECTION BY ATMOSPHERIC STABILITY CLASS
35-FT WINDS AND DELTA TEMPERATURE (250FT-35FT)

PERIOD OF RECORD: 4/01/84 TO 6/30/84

STABILITY CLASS: B

ELEVATION: 35 FEET

WIND DIRECTION	WIND SPEED (MPH)						TOTAL
	0.7- 3.4	3.5- 7.4	7.5- 12.4	12.5- 18.4	18.5- 24.4	>24.4	
N	0	1	0	0	0	0	1
NNE	0	0	0	0	0	0	0
NE	0	0	0	1	0	0	1
ENE	0	0	2	14	2	0	18
E	0	0	0	0	0	0	0
ESE	0	0	0	0	1	0	1
SE	0	0	0	0	0	0	0
SSE	0	0	0	0	0	0	0
S	0	0	1	0	0	0	1
SSW	0	0	1	2	0	0	3
SW	0	0	1	0	0	0	1
WSW	0	0	4	0	0	1	5
W	0	2	1	2	0	0	5
WNW	0	0	0	2	0	0	2
NW	0	0	1	2	1	0	4
NNW	0	2	0	1	0	0	3
VARIABLE	0	0	0	0	0	0	0
TOTAL	0	5	11	24	4	1	45

PERIODS OF CALM (HOURS): 0

Table 9 Continued

D A V I S - B E S S E
U N I T 1

JOINT FREQUENCY DISTRIBUTION
WIND SPEED AND DIRECTION BY ATMOSPHERIC STABILITY CLASS
35-FT WINDS AND DELTA TEMPERATURE (250FT-35FT)

PERIOD OF RECORD: 4/01/84 TO 6/30/84

STABILITY CLASS: C

ELEVATION: 35 FEET

WIND DIRECTION	WIND SPEED (MPH)						TOTAL
	0.7- 3.4	3.5- 7.4	7.5- 12.4	12.5- 18.4	18.5- 24.4	>24.4	
N	0	1	3	1	0	0	5
NNE	0	1	0	0	0	0	1
NE	0	0	2	2	0	0	4
ENE	0	0	18	15	1	0	34
E	0	0	7	2	1	0	10
ESE	0	0	0	0	0	0	0
SE	0	0	0	0	0	0	0
SSE	0	0	0	0	0	0	0
S	0	1	1	0	0	0	2
SSW	0	1	5	1	0	0	7
SW	0	4	4	2	0	0	10
WSW	0	0	8	1	1	2	12
W	1	0	0	4	3	2	10
WNW	0	1	5	11	2	0	19
NW	0	0	10	7	0	0	17
NNW	0	2	7	4	0	0	13
VARIABLE	0	0	0	0	0	0	0
TOTAL	1	11	70	50	8	4	144

PERIODS OF CALM (HOURS): 0

Table 9 Continued

D A V I S - B E S S E
U N I T 1

JOINT FREQUENCY DISTRIBUTION
WIND SPEED AND DIRECTION BY ATMOSPHERIC STABILITY CLASS
35-FT WINDS AND DELTA TEMPERATURE (250FT-35FT)

PERIOD OF RECORD: 4/01/84 TO 6/30/84

STABILITY CLASS: D

ELEVATION: 35 FEET

WIND DIRECTION	WIND SPEED (MPH)						TOTAL
	0.7- 3.4	3.5- 7.4	7.5- 12.4	12.5- 18.4	18.5- 24.4	>24.4	
N	4	9	24	22	0	0	59
NNE	0	4	24	17	2	0	47
NE	0	9	29	24	10	2	74
ENE	0	12	34	39	15	5	105
E	0	22	72	42	17	0	153
ESE	0	19	25	4	0	0	48
SE	2	16	3	3	0	0	24
SSE	1	5	0	3	0	0	9
S	0	6	6	1	1	0	14
SSW	1	12	36	21	6	1	77
SW	1	20	35	50	18	3	127
WSW	2	7	47	46	8	10	120
W	0	3	40	29	10	2	84
WNW	0	5	19	34	4	0	62
NW	1	4	38	15	0	0	58
NNW	0	4	14	7	1	0	26
VARIABLE	0	0	0	0	0	0	0
TOTAL	12	157	446	357	92	23	1087

PERIODS OF CALM (HOURS): 0

Table 9 Continued

D A V I S - B E S S E
U N I T 1

JOINT FREQUENCY DISTRIBUTION
WIND SPEED AND DIRECTION BY ATMOSPHERIC STABILITY CLASS
35-FT WINDS AND DELTA TEMPERATURE (250FT-35FT)

PERIOD OF RECORD: 4/01/84 TO 6/30/84

STABILITY CLASS: E

ELEVATION: 35 FEET

WIND DIRECTION	WIND SPEED (MPH)						TOTAL
	0.7- 3.4	3.5- 7.4	7.5- 12.4	12.5- 18.4	18.5- 24.4	>24.4	
N	6	2	6	0	0	0	14
NNE	2	5	6	3	0	0	16
NE	0	3	13	3	1	0	20
ENE	0	13	18	8	1	0	40
E	3	18	46	7	0	0	74
ESE	4	18	6	2	0	0	30
SE	4	21	1	0	0	0	26
SSE	4	14	1	1	1	0	21
S	5	24	5	1	2	0	37
SSW	2	35	71	5	0	1	114
SW	3	20	33	13	2	1	72
WSW	3	15	35	14	0	0	67
W	2	9	22	6	1	0	40
WNW	3	4	17	4	0	0	28
NW	1	5	20	9	0	0	35
NNW	0	5	9	2	0	0	16
VARIABLE	0	0	0	0	0	0	0
TOTAL	42	211	309	78	8	2	650

PERIODS OF CALM (HOURS): 0

Table 9 Continued

D A V I S - B E S S E
U N I T 1

JOINT FREQUENCY DISTRIBUTION
WIND SPEED AND DIRECTION BY ATMOSPHERIC STABILITY CLASS
35-FT WINDS AND DELTA TEMPERATURE (250FT-35FT)

PERIOD OF RECORD: 4/01/84 TO 6/30/84

STABILITY CLASS: F

ELEVATION: 35 FEET

WIND DIRECTION	WIND SPEED (MPH)						TOTAL
	0.7- 3.4	3.5- 7.4	7.5- 12.4	12.5- 18.4	18.5- 24.4	>24.4	
N	1	0	0	0	0	0	1
NNE	0	0	0	0	0	0	0
NE	1	1	1	1	0	0	4
ENE	1	4	7	2	0	0	14
E	0	6	7	0	0	0	13
ESE	0	11	6	0	0	0	17
SE	0	4	0	0	0	0	4
SSE	3	7	0	0	0	0	10
S	5	10	0	0	0	0	15
SSW	1	11	1	0	0	0	13
SW	4	22	1	0	0	0	27
WSW	6	17	4	0	0	0	27
W	0	11	0	0	0	0	11
WNW	1	2	1	1	0	0	5
NW	0	1	0	0	0	0	1
NNW	0	0	0	0	0	0	0
VARIABLE	0	0	0	0	0	0	0
TOTAL	23	107	28	4	0	0	162

PERIODS OF CALM (HOURS): 0

Table 9 Continued

D A V I S - B E S S E
U N I T 1

JOINT FREQUENCY DISTRIBUTION
WIND SPEED AND DIRECTION BY ATMOSPHERIC STABILITY CLASS
35-FT WINDS AND DELTA TEMPERATURE (250FT-35FT)

PERIOD OF RECORD: 4/01/84 TO 6/30/84

STABILITY CLASS: G

ELEVATION: 35 FEET

WIND DIRECTION	WIND SPEED (MPH)						TOTAL
	0.7- 3.4	3.5- 7.4	7.5- 12.4	12.5- 18.4	18.5- 24.4	>24.4	
N	1	0	0	0	0	0	1
NNE	0	0	0	0	0	0	0
NE	0	0	0	0	0	0	0
ENE	0	0	3	2	0	0	5
E	0	1	2	0	0	0	3
ESE	1	0	2	0	0	0	3
SE	0	6	0	0	0	0	6
SSE	2	3	0	0	0	0	5
S	2	3	0	0	0	0	5
SSW	0	5	0	0	0	0	5
SW	2	8	0	0	0	0	10
WSW	0	2	1	0	0	0	3
W	0	1	0	0	0	0	1
WNW	0	1	0	0	0	0	1
NW	0	0	0	0	0	0	0
NNW	0	0	0	0	0	0	0
VARIABLE	0	0	0	0	0	0	0
TOTAL	8	30	8	2	0	0	48

PERIODS OF CALM (HOURS): 0

Table 9 Continued

D A V I S - B E S S E
U N I T 1

JOINT FREQUENCY DISTRIBUTION
WIND SPEED AND DIRECTION BY ATMOSPHERIC STABILITY CLASS
35-FT WINDS AND DELTA TEMPERATURE (250FT-35FT)

PERIOD OF RECORD: 4/01/84 TO 6/30/84

STABILITY CLASS: TOTAL

ELEVATION: 35 FEET

WIND DIRECTION	WIND SPEED (MPH)						TOTAL
	0.7- 3.4	3.5- 7.4	7.5- 12.4	12.5- 18.4	18.5- 24.4	>24.4	
N	13	14	33	23	0	0	83
NNE	2	10	30	20	2	0	64
NE	1	13	45	31	11	2	103
ENE	1	29	82	85	19	5	221
E	3	47	134	51	18	0	253
ESE	5	48	39	6	1	0	99
SE	6	47	4	3	0	0	60
SSE	10	29	1	4	1	0	45
S	12	44	13	2	3	0	74
SSW	4	64	114	29	6	2	219
SW	10	75	74	65	20	4	248
WSW	11	41	99	61	9	13	234
W	3	27	63	41	14	4	152
WNW	4	13	42	52	7	0	118
NW	2	10	69	33	2	0	116
NNW	0	13	30	14	1	0	58
VARIABLE	0	0	0	0	0	0	0
TOTAL	87	524	872	520	114	30	2147

PERIODS OF CALM (HOURS): 0

HOURS OF MISSING DATA: 37

Table 10

D A V I S - B E S S E
U N I T

JOINT FREQUENCY DISTRIBUTION
WIND SPEED AND DIRECTION BY ATMOSPHERIC STABILITY CLASS
250-FT WINDS AND DELTA TEMPERATURE (250FT-35FT)

PERIOD OF RECORD: 4/01/84 TO 6/30/84

STABILITY CLASS: A

ELEVATION: 250 FEET

WIND DIRECTION	WIND SPEED (MPH)						TOTAL
	0.7- 3.4	3.5- 7.4	7.5- 12.4	12.5- 18.4	18.5- 24.4	>24.4	
N	0	0	0	0	0	0	0
NNE	0	0	0	0	0	0	0
NE	0	0	0	0	0	0	0
ENE	0	0	0	1	4	0	5
E	0	0	0	0	0	0	0
ESE	0	0	0	0	0	0	0
SE	0	0	0	0	0	0	0
SSE	0	0	0	0	0	0	0
S	0	0	0	0	0	0	0
SSW	0	0	0	0	0	0	0
SW	0	0	0	0	0	0	0
WSW	0	1	0	0	0	0	1
W	0	1	0	0	0	0	1
WNW	0	0	0	0	0	0	0
NW	0	0	0	0	2	0	2
NNW	0	1	0	0	0	0	1
VARIABLE	0	0	0	0	0	0	0
TOTAL	0	3	0	1	6	0	10

PERIODS OF CALM (HOURS): 0

Table 10 Continued

D A V I S - B E S S E
U N I T 1

JOINT FREQUENCY DISTRIBUTION
WIND SPEED AND DIRECTION BY ATMOSPHERIC STABILITY CLASS
250-FT WINDS AND DELTA TEMPERATURE (250FT-35FT)

PERIOD OF RECORD: 4/01/84 TO 6/30/84

STABILITY CLASS: B

ELEVATION: 250 FEET

WIND DIRECTION	WIND SPEED (MPH)						TOTAL
	0.7- 3.4	3.5- 7.4	7.5- 12.4	12.5- 18.4	18.5- 24.4	>24.4	
N	0	0	1	0	0	0	1
NNE	0	0	0	0	0	0	0
NE	0	0	0	0	1	0	1
ENE	0	0	0	10	6	2	18
E	0	0	0	0	0	0	0
ESE	0	0	0	0	0	1	1
SE	0	0	0	0	0	0	0
SSE	0	0	0	0	0	0	0
S	0	0	0	0	1	0	1
SSW	0	0	0	1	1	0	2
SW	0	0	1	1	0	0	2
WSW	0	0	3	1	0	0	4
W	0	0	3	0	0	1	4
WNW	0	0	0	0	2	0	2
NW	0	0	0	2	3	0	5
NNW	0	0	2	1	1	0	4
VARIABLE	0	0	0	0	0	0	0
TOTAL	0	0	10	16	15	4	45

PERIODS OF CALM (HOURS): 0

Table 10 Continued

D A V I S - B E S S E
U N I T 1

JOINT FREQUENCY DISTRIBUTION
WIND SPEED AND DIRECTION BY ATMOSPHERIC STABILITY CLASS
250-FT WINDS AND DELTA TEMPERATURE (250FT-35FT)

PERIOD OF RECORD: 4/01/84 TO 6/30/84

STABILITY CLASS: C

ELEVATION: 250 FEET

WIND DIRECTION	WIND SPEED (MPH)						TOTAL
	0.7- 3.4	3.5- 7.4	7.5- 12.4	12.5- 18.4	18.5- 24.4	>24.4	
N	0	1	2	1	0	0	4
NNE	0	1	0	1	0	0	2
NE	0	0	1	0	1	0	2
ENE	0	0	6	19	4	2	31
E	0	0	2	10	2	1	15
ESE	0	0	0	0	0	0	0
SE	0	0	0	0	0	0	0
SSE	0	0	0	0	0	0	0
S	0	0	0	0	0	0	0
SSW	0	1	2	5	1	0	9
SW	0	1	5	2	0	0	8
WSW	0	0	5	4	0	2	11
W	0	0	1	0	3	3	7
WNW	0	0	2	5	9	2	18
NW	0	0	8	7	4	1	20
NNW	0	1	8	7	1	0	17
VARIABLE	0	0	0	0	0	0	0
TOTAL	0	5	42	61	25	11	144

PERIODS OF CALM (HOURS): 0

Table 10 Continued

D A V I S - B E S S E
U N I T 1

JOINT FREQUENCY DISTRIBUTION
WIND SPEED AND DIRECTION BY ATMOSPHERIC STABILITY CLASS
250-FT WINDS AND DELTA TEMPERATURE (250FT-35FT)

PERIOD OF RECORD: 4/01/84 TO 6/30/84

STABILITY CLASS: D

ELEVATION: 250 FEET

WIND DIRECTION	WIND SPEED (MPH)						TOTAL
	0.7- 3.4	3.5- 7.4	7.5- 12.4	12.5- 18.4	18.5- 24.4	>24.4	
N	0	4	14	22	9	0	49
NNE	1	3	16	18	7	0	45
NE	0	12	23	14	10	5	64
ENE	0	8	24	22	25	22	101
E	1	11	28	62	25	39	166
ESE	2	11	13	23	4	2	55
SE	0	5	10	7	1	0	23
SSE	1	1	3	3	1	0	9
S	0	0	4	5	3	1	13
SSW	0	0	13	24	16	10	63
SW	0	5	14	25	30	20	94
WSW	0	8	27	33	42	23	133
W	0	0	16	35	16	16	83
WNW	-1	3	7	41	20	4	74
NW	1	3	11	30	16	0	61
NNW	0	1	8	21	1	1	32
VARIABLE	13	0	0	0	0	0	13
TOTAL	18	75	231	385	226	143	1078

PERIODS OF CALM (HOURS): 0

Table 10 Continued

D A V I S - B E S S E
U N I T 1

JOINT FREQUENCY DISTRIBUTION
WIND SPEED AND DIRECTION BY ATMOSPHERIC STABILITY CLASS
250-FT WINDS AND DELTA TEMPERATURE (250FT-35FT)

PERIOD OF RECORD: 4/01/84 TO 6/30/84

STABILITY CLASS: E

ELEVATION: 250 FEET

WIND DIRECTION	WIND SPEED (MPH)						TOTAL
	0.7- 3.4	3.5- 7.4	7.5- 12.4	12.5- 18.4	18.5- 24.4	>24.4	
N	1	1	5	4	1	0	12
NNE	0	2	2	4	2	0	10
NE	0	3	5	5	1	4	18
ENE	0	4	8	13	7	6	38
E	0	3	13	31	7	7	61
ESE	0	6	15	7	4	0	32
SE	0	7	12	11	1	0	31
SSE	0	2	10	4	2	1	19
S	0	7	6	18	5	2	38
SSW	1	1	5	40	54	2	103
SW	0	1	4	26	26	4	61
WSW	1	1	7	39	15	5	68
W	2	2	5	26	7	2	44
WNW	2	3	5	21	10	0	41
NW	2	1	3	18	20	1	45
NNW	0	2	6	7	3	0	18
VARIABLE	4	0	0	0	0	0	4
TOTAL	13	46	111	274	165	34	643

PERIODS OF CALM (HOURS): 2

Table 10 Continued

D A V I S - B E S S E
U N I T 1

JOINT FREQUENCY DISTRIBUTION
WIND SPEED AND DIRECTION BY ATMOSPHERIC STABILITY CLASS
250-FT WINDS AND DELTA TEMPERATURE (250FT-35FT)

PERIOD OF RECORD: 4/01/84 TO 6/30/84

STABILITY CLASS: F

ELEVATION: 250 FEET

WIND DIRECTION	WIND SPEED (MPH)						TOTAL
	0.7- 3.4	3.5- 7.4	7.5- 12.4	12.5- 18.4	18.5- 24.4	>24.4	
N	1	2	0	0	0	0	3
NNE	1	0	0	0	0	0	1
NE	0	0	0	0	0	0	0
ENE	0	0	0	3	3	2	8
E	0	0	2	8	2	1	13
ESE	0	1	1	5	2	1	10
SE	0	1	3	10	2	0	16
SSE	1	2	4	2	0	0	9
S	0	5	1	10	0	0	16
SSW	0	2	2	5	0	0	9
SW	1	0	5	1	2	0	9
WSW	0	2	2	10	1	0	15
W	1	1	4	8	0	0	14
WNW	0	2	2	5	1	0	10
NW	1	3	5	2	0	0	11
NNW	1	0	1	1	0	0	3
VARIABLE	2	0	0	0	0	0	2
TOTAL	9	21	32	70	13	4	149

PERIODS OF CALM (HOURS): 3

Table 10 Continued

D A V I S - B E S S E
U N I T 1

JOINT FREQUENCY DISTRIBUTION
WIND SPEED AND DIRECTION BY ATMOSPHERIC STABILITY CLASS
250-FT WINDS AND DELTA TEMPERATURE (250FT-35FT)

PERIOD OF RECORD: 4/01/84 TO 6/30/84

STABILITY CLASS: G

ELEVATION: 250 FEET

WIND DIRECTION	WIND SPEED (MPH)						TOTAL
	0.7- 3.4	3.5- 7.4	7.5- 12.4	12.5- 18.4	18.5- 24.4	>24.4	
N	0	0	0	0	0	0	0
NNE	0	0	0	0	0	0	0
NE	0	0	0	0	0	0	0
ENE	0	0	0	0	1	2	3
E	0	0	1	1	0	0	2
ESE	0	0	0	0	2	0	2
SE	0	0	0	0	1	0	1
SSE	0	0	1	4	3	0	8
S	0	1	2	2	0	0	5
SSW	0	1	0	1	0	0	2
SW	0	1	0	2	0	0	3
WSW	0	0	3	3	2	0	8
W	0	2	2	0	0	0	4
WNW	0	3	1	0	0	0	4
NW	0	0	1	0	0	0	1
NNW	0	1	1	1	0	0	3
VARIABLE	1	0	0	0	0	0	1
TOTAL	1	9	12	14	9	2	47

PERIODS OF CALM (HOURS): 1

Table 10 Continued

D A V I S - B E S S E
U N I T 1

JOINT FREQUENCY DISTRIBUTION
WIND SPEED AND DIRECTION BY ATMOSPHERIC STABILITY CLASS
250-FT WINDS AND DELTA TEMPERATURE (250FT-35FT)

PERIOD OF RECORD: 4/01/84 TO 6/30/84

STABILITY CLASS: TOTAL

ELEVATION: 250 FEET

WIND DIRECTION	WIND SPEED (MPH)						TOTAL
	0.7- 3.4	3.5- 7.4	7.5- 12.4	12.5- 18.4	18.5- 24.4	>24.4	
N	2	8	22	27	10	0	69
NNE	2	6	18	23	9	0	58
NE	0	15	29	19	13	9	85
ENE	0	12	38	68	50	36	204
E	1	14	46	112	36	48	257
ESE	2	18	29	35	12	4	100
SE	0	13	25	28	5	0	71
SSE	2	5	18	13	6	1	45
S	0	13	13	35	9	3	73
SSW	1	5	22	76	72	12	188
SW	1	8	29	57	58	24	177
WSW	1	12	47	90	60	30	240
W	3	6	31	69	26	22	157
WNW	1	11	17	72	42	6	149
NW	4	7	28	59	45	2	145
NNW	1	6	26	38	6	1	78
VARIABLE	20	0	0	0	0	0	20
TOTAL	41	159	438	821	459	198	2116

PERIODS OF CALM (HOURS): 0

HOURS OF MISSING DATA: 68

D A V I S - B E S S E
U N I T 1

BATCH RELEASE JOINT FREQUENCY DISTRIBUTION
WIND SPEED AND DIRECTION BY ATMOSPHERIC STABILITY CLASS
35-FT WINDS AND DELTA TEMPERATURE (250FT-35FT)

PERIOD OF RECORD: 1/1/84 to 3/31/84

STABILITY CLASS: A

ELEVATION: 35 FEET

WIND DIRECTION	WIND SPEED (MPH)						TOTAL
	0.7- 3.4	3.5- 7.4	7.5- 12.4	12.5- 18.4	18.5- 24.4	>24.4	
N	0	0	0	0	0	0	0
NNE	0	0	0	0	0	0	0
NE	0	0	0	0	0	0	0
ENE	0	0	0	0	0	0	0
E	0	0	0	0	0	0	0
ESE	0	0	0	0	0	0	0
SE	0	0	0	0	0	0	0
SSE	0	0	0	0	0	0	0
S	0	0	0	0	0	0	0
SSW	0	0	0	0	0	0	0
SW	0	0	0	0	0	0	0
WSW	0	0	0	0	0	0	0
W	0	0	0	0	0	0	0
WNW	0	0	0	0	0	0	0
NW	0	0	0	0	0	0	0
NNW	0	0	0	0	0	0	0
VARIABLE	0	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0	0

PERIODS OF CALM (HOURS): 0

D A V I S - B E S S E
U N I T 1

BATCH RELEASE JOINT FREQUENCY DISTRIBUTION
WIND SPEED AND DIRECTION BY ATMOSPHERIC STABILITY CLASS
35-FT WINDS AND DELTA TEMPERATURE (250FT-35FT)

PERIOD OF RECORD: 1/1/84 to 3/31/84

STABILITY CLASS: B

ELEVATION: 35 FEET

WIND DIRECTION	WIND SPEED (MPH)						TOTAL
	0.7- 3.4	3.5- 7.4	7.5- 12.4	12.5- 18.4	18.5- 24.4	>24.4	
N	0	0	0	0	0	0	0
NNE	0	0	0	0	0	0	0
NE	0	0	0	0	0	0	0
ENE	0	0	0	0	0	0	0
E	0	0	0	0	0	0	0
ESE	0	0	0	0	0	0	0
SE	0	0	0	0	0	0	0
SSE	0	0	0	0	0	0	0
S	0	0	0	0	0	0	0
SSW	0	0	0	0	0	0	0
SW	0	0	0	0	0	0	0
WSW	0	0	0	0	0	0	0
W	0	0	0	0	0	0	0
WNW	0	0	0	0	0	0	0
NW	0	0	0	0	0	0	0
NNW	0	0	0	0	0	0	0
VARIABLE	0	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0	0

PERIODS OF CALM (HOURS): 0

D A V I S - B E S S E
U N I T 1

BATCH RELEASE JOINT FREQUENCY DISTRIBUTION
WIND SPEED AND DIRECTION BY ATMOSPHERIC STABILITY CLASS
35-FT WINDS AND DELTA TEMPERATURE (250FT-35FT)

PERIOD OF RECORD: 1/1/84 to 3/31/84

STABILITY CLASS: C

ELEVATION: 35 FEET

WIND DIRECTION	WIND SPEED (MPH)						TOTAL
	0.7- 3.4	3.5- 7.4	7.5- 12.4	12.5- 18.4	18.5- 24.4	>24.4	
N	0	0	0	0	0	0	0
NNE	0	0	0	0	0	0	0
NE	0	0	0	0	0	0	0
ENE	0	0	0	0	0	0	0
E	0	0	0	0	0	0	0
ESE	0	0	0	0	0	0	0
SE	0	0	0	0	0	0	0
SSE	0	0	0	0	0	0	0
S	0	0	0	0	0	0	0
SSW	0	0	0	0	0	0	0
SW	0	0	0	0	0	0	0
WSW	0	0	0	0	0	0	0
W	0	0	0	0	0	0	0
WNW	0	0	0	0	0	0	0
NW	0	0	0	0	0	0	0
NNW	0	0	0	0	0	0	0
VARIABLE	0	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0	0

PERIODS OF CALM (HOURS): 0

D A V I S - B E S S E
U N I T 1

BATCH RELEASE JOINT FREQUENCY DISTRIBUTION
WIND SPEED AND DIRECTION BY ATMOSPHERIC STABILITY CLASS
35-FT WINDS AND DELTA TEMPERATURE (250FT-35FT)

PERIOD OF RECORD: 1/1/84 to 3/31/84

STABILITY CLASS: D

ELEVATION: 35 FEET

WIND DIRECTION	WIND SPEED (MPH)						TOTAL
	0.7- 3.4	3.5- 7.4	7.5- 12.4	12.5- 18.4	18.5- 24.4	>24.4	
N	1	3	0	0	0	0	4
NNE	0	0	0	0	0	0	0
NE	0	0	0	0	0	0	0
ENE	0	0	0	0	0	0	0
E	0	0	0	0	0	0	0
ESE	0	0	0	0	0	0	0
SE	0	0	0	0	0	0	0
SSE	0	0	0	0	0	0	0
S	0	0	1	0	0	0	1
SSW	0	0	3	1	0	0	4
SW	0	0	1	1	1	0	3
WSW	0	0	0	0	3	0	3
W	0	0	0	0	0	0	0
WNW	0	0	0	0	0	0	0
NW	0	0	0	0	0	0	0
NNW	0	1	0	0	0	0	1
VARIABLE	0	0	0	0	0	0	0
TOTAL	1	4	5	2	4	0	16

PERIODS OF CALM (HOURS): 0

D A V I S - B E S S E
U N I T 1

BATCH RELEASE JOINT FREQUENCY DISTRIBUTION
WIND SPEED AND DIRECTION BY ATMOSPHERIC STABILITY CLASS
35-FT WINDS AND DELTA TEMPERATURE (250FT-35FT)

PERIOD OF RECORD: 1/1/84 to 3/31/84

STABILITY CLASS: E

ELEVATION: 35 FEET

WIND DIRECTION	WIND SPEED (MPH)						TOTAL
	0.7- 3.4	3.5- 7.4	7.5- 12.4	12.5- 18.4	18.5- 24.4	>24.4	
N	1	0	0	0	0	0	1
NNE	1	0	0	0	0	0	1
NE	0	0	0	0	0	0	0
ENE	0	0	0	0	0	0	0
E	0	0	0	0	0	0	0
ESE	1	2	0	0	0	0	3
SE	0	1	0	0	0	0	1
SSE	0	0	0	0	0	0	0
S	0	0	0	0	0	0	0
SSW	0	1	1	0	0	0	2
SW	0	0	1	0	0	0	1
WSW	0	0	0	1	0	0	1
W	0	0	0	0	0	0	0
WNW	0	0	0	0	0	0	0
NW	0	0	0	0	0	0	0
NNW	1	1	0	0	0	0	2
VARIABLE	0	0	0	0	0	0	0
TOTAL	4	5	2	1	0	0	12

PERIODS OF CALM (HOURS): 0

D A V I S - B E S S E
U N I T 1

BATCH RELEASE JOINT FREQUENCY DISTRIBUTION
WIND SPEED AND DIRECTION BY ATMOSPHERIC STABILITY CLASS
35-FT WINDS AND DELTA TEMPERATURE (250FT-35FT)

PERIOD OF RECORD: 1/1/84 to 3/31/84

STABILITY CLASS: F

ELEVATION: 35 FEET

WIND DIRECTION	WIND SPEED (MPH)						TOTAL
	0.7- 3.4	3.5- 7.4	7.5- 12.4	12.5- 18.4	18.5- 24.4	>24.4	
N	1	0	0	0	0	0	1
NNE	0	0	0	0	0	0	0
NE	1	0	0	0	0	0	1
ENE	0	0	0	0	0	0	0
E	0	0	0	0	0	0	0
ESE	0	0	0	0	0	0	0
SE	0	0	0	0	0	0	0
SSE	0	0	0	0	0	0	0
S	0	0	0	0	0	0	0
SSW	0	0	0	0	0	0	0
SW	0	0	0	0	0	0	0
WSW	0	0	0	0	0	0	0
W	0	0	0	0	0	0	0
WNW	1	0	0	0	0	0	1
NW	2	1	0	0	0	0	3
NNW	0	1	0	0	0	0	1
VARIABLE	0	0	0	0	0	0	0
TOTAL	5	2	0	0	0	0	7

PERIODS OF CALM (HOURS): 0

D A V I S - B E S S E
U N I T 1

BATCH RELEASE JOINT FREQUENCY DISTRIBUTION
WIND SPEED AND DIRECTION BY ATMOSPHERIC STABILITY CLASS
35-FT WINDS AND DELTA TEMPERATURE (250FT-35FT)

PERIOD OF RECORD: 1/1/84 to 3/31/84

STABILITY CLASS: G

ELEVATION: 35 FEET

WIND DIRECTION	WIND SPEED (MPH)						TOTAL
	0.7- 3.4	3.5- 7.4	7.5- 12.4	12.5- 18.4	18.5- 24.4	>24.4	
N	0	0	0	0	0	0	0
NNE	0	0	0	0	0	0	0
NE	0	0	0	0	0	0	0
ENE	1	0	0	0	0	0	1
E	0	0	0	0	0	0	0
ESE	0	0	0	0	0	0	0
SE	0	0	0	0	0	0	0
SSE	0	0	0	0	0	0	0
S	0	0	0	0	0	0	0
SSW	0	0	0	0	0	0	0
SW	0	0	0	0	0	0	0
WSW	0	0	0	0	0	0	0
W	0	0	0	0	0	0	0
WNW	0	0	0	0	0	0	0
NW	0	0	0	0	0	0	0
NNW	0	0	0	0	0	0	0
VARIABLE	0	0	0	0	0	0	0
TOTAL	1	0	0	0	0	0	1

PERIODS OF CALM (HOURS): 0

D A V I S - B E S S E
U N I T 1

BATCH RELEASE JOINT FREQUENCY DISTRIBUTION
WIND SPEED AND DIRECTION BY ATMOSPHERIC STABILITY CLASS
35-FT WINDS AND DELTA TEMPERATURE (250FT-35FT)

PERIOD OF RECORD: 1/1/84 to 3/31/84

STABILITY CLASS: TOTAL

ELEVATION: 35 FEET

WIND DIRECTION	WIND SPEED (MPH)						TOTAL
	0.7- 3.4	3.5- 7.4	7.5- 12.4	12.5- 18.4	18.5- 24.4	>24.4	
N	3	3	0	0	0	0	6
NNE	1	0	0	0	0	0	1
NE	1	0	0	0	0	0	1
ENE	1	0	0	0	0	0	1
E	0	0	0	0	0	0	0
ESE	1	2	0	0	0	0	3
SE	0	1	0	0	0	0	1
SSE	0	0	0	0	0	0	0
S	0	0	1	0	0	0	1
SSW	0	1	4	1	0	0	6
SW	0	0	2	1	1	0	4
WSW	0	0	0	1	3	0	4
W	0	0	0	0	0	0	0
WNW	1	0	0	0	0	0	1
NW	2	1	0	0	0	0	3
NNW	1	3	0	0	0	0	4
VARIABLE	0	0	0	0	0	0	0
TOTAL	11	11	7	3	4	0	36

PERIODS OF CALM (HOURS): 0

HOURS OF MISSING DATA: 0

D A V I S - B E S S E
U N I T 1

BATCH RELEASE JOINT FREQUENCY DISTRIBUTION
WIND SPEED AND DIRECTION BY ATMOSPHERIC STABILITY CLASS
250-FT WINDS AND DELTA TEMPERATURE (250FT-35FT)

PERIOD OF RECORD: 1/1/84 to 3/31/84

STABILITY CLASS: A

ELEVATION: 250 FEET

WIND DIRECTION	WIND SPEED (MPH)						TOTAL
	0.7- 3.4	3.5- 7.4	7.5- 12.4	12.5- 18.4	18.5- 24.4	>24.4	
N	0	0	0	0	0	0	0
NNE	0	0	0	0	0	0	0
NE	0	0	0	0	0	0	0
ENE	0	0	0	0	0	0	0
E	0	0	0	0	0	0	0
ESE	0	0	0	0	0	0	0
SE	0	0	0	0	0	0	0
SSE	0	0	0	0	0	0	0
S	0	0	0	0	0	0	0
SSW	0	0	0	0	0	0	0
SW	0	0	0	0	0	0	0
WSW	0	0	0	0	0	0	0
W	0	0	0	0	0	0	0
WNW	0	0	0	0	0	0	0
NW	0	0	0	0	0	0	0
NNW	0	0	0	0	0	0	0
VARIABLE	0	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0	0

PERIODS OF CALM (HOURS): 0

D A V I S - B E S S E
U N I T 1

BATCH RELEASE JOINT FREQUENCY DISTRIBUTION
WIND SPEED AND DIRECTION BY ATMOSPHERIC STABILITY CLASS
250-FT WINDS AND DELTA TEMPERATURE (250FT-35FT)

PERIOD OF RECORD: 1/1/84 to 3/31/84

STABILITY CLASS: B

ELEVATION: 250 FEET

WIND DIRECTION	WIND SPEED (MPH)						TOTAL
	0.7- 3.4	3.5- 7.4	7.5- 12.4	12.5- 18.4	18.5- 24.4	>24.4	
N	0	0	0	0	0	0	0
NNE	0	0	0	0	0	0	0
NE	0	0	0	0	0	0	0
ENE	0	0	0	0	0	0	0
E	0	0	0	0	0	0	0
ESE	0	0	0	0	0	0	0
SE	0	0	0	0	0	0	0
SSE	0	0	0	0	0	0	0
S	0	0	0	0	0	0	0
SSW	0	0	0	0	0	0	0
SW	0	0	0	0	0	0	0
WSW	0	0	0	0	0	0	0
W	0	0	0	0	0	0	0
WNW	0	0	0	0	0	0	0
NW	0	0	0	0	0	0	0
NNW	0	0	0	0	0	0	0
VARIABLE	0	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0	0

PERIODS OF CALM (HOURS): 0

D A V I S - B E S S E
U N I T 1

BATCH RELEASE JOINT FREQUENCY DISTRIBUTION
WIND SPEED AND DIRECTION BY ATMOSPHERIC STABILITY CLASS
250-FT WINDS AND DELTA TEMPERATURE (250FT-35FT)

PERIOD OF RECORD: 1/1/84 to 3/31/84

STABILITY CLASS: C

ELEVATION: 250 FEET

WIND DIRECTION	WIND SPEED (MPH)						TOTAL
	0.7- 3.4	3.5- 7.4	7.5- 12.4	12.5- 18.4	18.5- 24.4	>24.4	
N	0	0	0	0	0	0	0
NNE	0	0	0	0	0	0	0
NE	0	0	0	0	0	0	0
ENE	0	0	0	0	0	0	0
E	0	0	0	0	0	0	0
ESE	0	0	0	0	0	0	0
SE	0	0	0	0	0	0	0
SSE	0	0	0	0	0	0	0
S	0	0	0	0	0	0	0
SSW	0	0	0	0	0	0	0
SW	0	0	0	0	0	0	0
WSW	0	0	0	0	0	0	0
W	0	0	0	0	0	0	0
WNW	0	0	0	0	0	0	0
NW	0	0	0	0	0	0	0
NNW	0	0	0	0	0	0	0
VARIABLE	0	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0	0

PERIODS OF CALM (HOURS): 0

D A V I S - B E S S E
U N I T 1

BATCH RELEASE JOINT FREQUENCY DISTRIBUTION
WIND SPEED AND DIRECTION BY ATMOSPHERIC STABILITY CLASS
250-FT WINDS AND DELTA TEMPERATURE (250FT-35FT)

PERIOD OF RECORD: 1/1/84 to 3/31/84

STABILITY CLASS: D

ELEVATION: 250 FEET

WIND DIRECTION	WIND SPEED (MPH)						TOTAL
	0.7- 3.4	3.5- 7.4	7.5- 12.4	12.5- 18.4	18.5- 24.4	>24.4	
N	0	0	0	0	0	0	0
NNE	1	3	0	0	0	0	4
NE	1	0	0	0	0	0	1
ENE	0	0	0	0	0	0	0
E	0	0	0	0	0	0	0
ESE	0	0	0	0	0	0	0
SE	0	0	0	0	0	0	0
SSE	0	0	0	0	0	0	0
S	0	0	0	0	0	0	0
SSW	0	0	0	4	1	0	5
SW	0	0	0	1	0	0	1
WSW	0	0	0	0	2	3	5
W	0	0	0	0	0	0	0
WNW	0	0	0	0	0	0	0
NW	0	0	0	0	0	0	0
NNW	0	0	0	0	0	0	0
VARIABLE	0	0	0	0	0	0	0
TOTAL	2	3	0	5	3	3	16

PERIODS OF CALM (HOURS): 0

D A V I S - B E S S E
U N I T 1

BATCH RELEASE JOINT FREQUENCY DISTRIBUTION
WIND SPEED AND DIRECTION BY ATMOSPHERIC STABILITY CLASS
250-FT WINDS AND DELTA TEMPERATURE (250FT-35FT)

PERIOD OF RECORD: 1/1/84 to 3/31/84

STABILITY CLASS: E

ELEVATION: 250 FEET

WIND DIRECTION	WIND SPEED (MPH)						TOTAL
	0.7- 3.4	3.5- 7.4	7.5- 12.4	12.5- 18.4	18.5- 24.4	>24.4	
N	0	0	0	0	0	0	0
NNE	0	0	1	0	0	0	1
NE	2	0	0	0	0	0	2
ENE	0	1	0	0	0	0	1
E	0	0	0	0	0	0	0
ESE	0	0	0	0	0	0	0
SE	0	0	2	0	0	0	2
SSE	0	0	1	0	0	0	1
S	0	0	0	1	0	0	1
SSW	0	0	0	2	0	0	2
SW	0	0	0	1	0	0	1
WSW	0	0	0	0	1	0	1
W	0	0	0	0	0	0	0
WNW	0	0	0	0	0	0	0
NW	0	0	0	0	0	0	0
NNW	0	0	0	0	0	0	0
VARIABLE	0	0	0	0	0	0	0
TOTAL	2	1	4	4	1	0	12

PERIODS OF CALM (HOURS): 0

D A V I S - B E S S E
U N I T 1

BATCH RELEASE JOINT FREQUENCY DISTRIBUTION
WIND SPEED AND DIRECTION BY ATMOSPHERIC STABILITY CLASS
250-FT WINDS AND DELTA TEMPERATURE (250FT-35FT)

PERIOD OF RECORD: 1/1/84 to 3/31/84

STABILITY CLASS: F

ELEVATION: 250 FEET

WIND DIRECTION	WIND SPEED (MPH)						TOTAL
	0.7- 3.4	3.5- 7.4	7.5- 12.4	12.5- 18.4	18.5- 24.4	>24.4	
N	0	0	0	0	0	0	0
NNE	0	0	5	0	0	0	5
NE	0	0	0	0	0	0	0
ENE	0	1	0	0	0	0	1
E	0	1	0	0	0	0	1
ESE	0	0	0	0	0	0	0
SE	0	0	0	0	0	0	0
SSE	0	0	0	0	0	0	0
S	0	0	0	0	0	0	0
SSW	0	0	0	0	0	0	0
SW	0	0	0	0	0	0	0
WSW	0	0	0	0	0	0	0
W	0	0	0	0	0	0	0
WNW	0	0	0	0	0	0	0
NW	0	0	0	0	0	0	0
NNW	0	0	0	0	0	0	0
VARIABLE	0	0	0	0	0	0	0
TOTAL	0	2	5	0	0	0	7

PERIODS OF CALM (HOURS): 0

D A V I S - B E S S E
U N I T 1

BATCH RELEASE JOINT FREQUENCY DISTRIBUTION
WIND SPEED AND DIRECTION BY ATMOSPHERIC STABILITY CLASS
250-FT WINDS AND DELTA TEMPERATURE (250FT-35FT)

PERIOD OF RECORD: 1/1/84 to 3/31/84

STABILITY CLASS: G

ELEVATION: 250 FEET

WIND DIRECTION	WIND SPEED (MPH)						TOTAL
	0.7- 3.4	3.5- 7.4	7.5- 12.4	12.5- 18.4	18.5- 24.4	>24.4	
N	0	0	0	0	0	0	0
NNE	0	0	0	0	0	0	0
NE	0	0	0	0	0	0	0
ENE	0	0	0	0	0	0	0
E	0	0	0	0	0	0	0
ESE	0	0	1	0	0	0	1
SE	0	0	0	0	0	0	0
SSE	0	0	0	0	0	0	0
S	0	0	0	0	0	0	0
SSW	0	0	0	0	0	0	0
SW	0	0	0	0	0	0	0
WSW	0	0	0	0	0	0	0
W	0	0	0	0	0	0	0
WNW	0	0	0	0	0	0	0
NW	0	0	0	0	0	0	0
NNW	0	0	0	0	0	0	0
VARIABLE	0	0	0	0	0	0	0
TOTAL	0	0	1	0	0	0	1

PERIODS OF CALM (HOURS): 0

D A V I S - B E S S E
U N I T 1

BATCH RELEASE JOINT FREQUENCY DISTRIBUTION
WIND SPEED AND DIRECTION BY ATMOSPHERIC STABILITY CLASS
250-FT WINDS AND DELTA TEMPERATURE (250FT-35FT)

PERIOD OF RECORD: 1/1/84 to 3/31/84

STABILITY CLASS: TOTAL

ELEVATION: 250 FEET

WIND DIRECTION	WIND SPEED (MPH)						TOTAL
	0.7- 3.4	3.5- 7.4	7.5- 12.4	12.5- 18.4	18.5- 24.4	>24.4	
N	0	0	0	0	0	0	0
NNE	1	3	6	0	0	0	10
NE	3	0	0	0	0	0	3
ENE	0	2	0	0	0	0	2
E	0	1	0	0	0	0	1
ESE	0	0	1	0	0	0	1
SE	0	0	2	0	0	0	2
SSE	0	0	1	0	0	0	1
S	0	0	0	1	0	0	1
SSW	0	0	0	6	1	0	7
SW	0	0	0	2	0	0	2
WSW	0	0	0	0	3	3	6
W	0	0	0	0	0	0	0
WNW	0	0	0	0	0	0	0
NW	0	0	0	0	0	0	0
NNW	0	0	0	0	0	0	0
VARIABLE	0	0	0	0	0	0	0
TOTAL	4	6	10	9	4	3	36

PERIODS OF CALM (HOURS): 0

HOURS OF MISSING DATA: 0

D A V I S - B E S S E
U N I T 1

BATCH RELEASE JOINT FREQUENCY DISTRIBUTION
WIND SPEED AND DIRECTION BY ATMOSPHERIC STABILITY CLASS
35-FT WINDS AND DELTA TEMPERATURE (250FT-35FT)

PERIOD OF RECORD: 4/1/84 to 6/30/84

STABILITY CLASS: A

ELEVATION: 35 FEET

WIND DIRECTION	WIND SPEED (MPH)						TOTAL
	0.7- 3.4	3.5- 7.4	7.5- 12.4	12.5- 18.4	18.5- 24.4	>24.4	
N	0	0	0	0	0	0	0
NNE	0	0	0	0	0	0	0
NE	0	0	0	0	0	0	0
ENE	0	0	0	0	0	0	0
E	0	0	0	0	0	0	0
ESE	0	0	0	0	0	0	0
SE	0	0	0	0	0	0	0
SSE	0	0	0	0	0	0	0
S	0	0	0	0	0	0	0
SSW	0	0	0	0	0	0	0
SW	0	1	0	0	0	0	1
WSW	0	0	0	0	0	0	0
W	0	0	0	0	0	0	0
WNW	0	0	0	0	0	0	0
NW	0	0	0	0	0	0	0
NNW	0	0	0	0	0	0	0
VARIABLE	0	0	0	0	0	0	0
TOTAL	0	1	0	0	0	0	1

PERIODS OF CALM (HOURS): 0

D A V I S - B E S S E
U N I T 1

BATCH RELEASE JOINT FREQUENCY DISTRIBUTION
WIND SPEED AND DIRECTION BY ATMOSPHERIC STABILITY CLASS
35-FT WINDS AND DELTA TEMPERATURE (250FT-35FT)

PERIOD OF RECORD: 4/1/84 to 6/30/84

STABILITY CLASS: B

ELEVATION: 35 FEET

WIND DIRECTION	WIND SPEED (MPH)						TOTAL
	0.7- 3.4	3.5- 7.4	7.5- 12.4	12.5- 18.4	18.5- 24.4	>24.4	
N	0	0	0	0	0	0	0
NNE	0	0	0	0	0	0	0
NE	0	0	0	0	0	0	0
ENE	0	0	2	3	0	0	5
E	0	0	0	0	0	0	0
ESE	0	0	0	0	0	0	0
SE	0	0	0	0	0	0	0
SSE	0	0	0	0	0	0	0
S	0	0	0	0	0	0	0
SSW	0	0	0	0	0	0	0
SW	0	0	0	0	0	0	0
WSW	0	0	0	0	0	0	0
W	0	0	0	0	0	0	0
WNW	0	0	0	0	0	0	0
NW	0	0	0	0	0	0	0
NNW	0	0	0	0	0	0	0
VARIABLE	0	0	0	0	0	0	0
TOTAL	0	0	2	3	0	0	5

PERIODS OF CALM (HOURS): 0

D A V I S - B E S S E
U N I T 1

BATCH RELEASE JOINT FREQUENCY DISTRIBUTION
WIND SPEED AND DIRECTION BY ATMOSPHERIC STABILITY CLASS
35-FT WINDS AND DELTA TEMPERATURE (250FT-35FT)

PERIOD OF RECORD: 4/1/84 to 6/30/84

STABILITY CLASS: C

ELEVATION: 35 FEET

WIND DIRECTION	WIND SPEED (MPH)						TOTAL
	0.7- 3.4	3.5- 7.4	7.5- 12.4	12.5- 18.4	18.5- 24.4	>24.4	
N	0	0	0	0	0	0	0
NNE	0	0	0	0	0	0	0
NE	0	0	0	0	0	0	0
ENE	0	0	2	1	0	0	3
E	0	0	0	0	0	0	0
ESE	0	0	0	0	0	0	0
SE	0	0	0	0	0	0	0
SSE	0	0	0	0	0	0	0
S	0	0	0	0	0	0	0
SSW	0	0	0	0	0	0	0
SW	0	0	0	0	0	0	0
WSW	0	0	0	0	0	0	0
W	1	0	0	1	0	0	2
WNW	0	0	0	3	0	0	3
NW	0	0	0	0	0	0	0
NNW	0	0	0	0	0	0	0
VARIABLE	0	0	0	0	0	0	0
TOTAL	1	0	2	5	0	0	8

PERIODS OF CALM (HOURS): 0

D A V I S - B E S S E
U N I T 1

BATCH RELEASE JOINT FREQUENCY DISTRIBUTION
WIND SPEED AND DIRECTION BY ATMOSPHERIC STABILITY CLASS
35-FT WINDS AND DELTA TEMPERATURE (250FT-35FT)

PERIOD OF RECORD: 4/1/84 to 6/30/84

STABILITY CLASS: D

ELEVATION: 35 FEET

WIND DIRECTION	WIND SPEED (MPH)						TOTAL
	0.7- 3.4	3.5- 7.4	7.5- 12.4	12.5- 18.4	18.5- 24.4	>24.4	
N	0	2	1	0	0	0	3
NNE	0	1	1	1	0	0	3
NE	0	0	0	9	0	0	9
ENE	0	4	5	3	0	0	12
E	0	8	3	0	0	0	11
ESE	0	4	0	0	0	0	4
SE	0	2	0	0	0	0	2
SSE	0	0	0	0	0	0	0
S	0	0	0	0	0	0	0
SSW	0	2	1	7	0	0	10
SW	1	1	1	3	0	0	6
WSW	2	0	2	2	0	0	6
W	0	0	5	3	0	0	8
WNW	0	1	0	4	0	0	5
NW	1	1	5	0	0	0	7
NNW	0	0	4	0	0	0	4
VARIABLE	0	0	0	0	0	0	0
TOTAL	4	26	28	32	0	0	90

PERIODS OF CALM (HOURS): 0

D A V I S - B E S S E
U N I T 1

BATCH RELEASE JOINT FREQUENCY DISTRIBUTION
WIND SPEED AND DIRECTION BY ATMOSPHERIC STABILITY CLASS
35-FT WINDS AND DELTA TEMPERATURE (250FT-35FT)

PERIOD OF RECORD: 4/1/84 to 6/30/84

STABILITY CLASS: E

ELEVATION: 35 FEET

WIND DIRECTION	WIND SPEED (MPH)						TOTAL
	0.7- 3.4	3.5- 7.4	7.5- 12.4	12.5- 18.4	18.5- 24.4	>24.4	
N	0	0	0	0	0	0	0
NNE	0	0	0	0	0	0	0
NE	0	0	0	0	0	0	0
ENE	0	1	1	0	0	0	2
E	0	2	6	0	0	0	8
ESE	0	0	0	0	0	0	0
SE	0	0	0	0	0	0	0
SSE	0	1	0	0	0	0	1
S	0	2	0	0	0	0	2
SSW	0	1	6	1	0	0	8
SW	0	1	3	1	0	0	5
WSW	0	2	4	0	0	0	6
W	0	1	1	3	0	0	5
WNW	0	1	0	0	0	0	1
NW	0	2	2	0	0	0	4
NNW	0	1	2	1	0	0	4
VARIABLE	0	0	0	0	0	0	0
TOTAL	0	15	25	6	0	0	46

PERIODS OF CALM (HOURS): 0

D A V I S - B E S S E
U N I T 1

BATCH RELEASE JOINT FREQUENCY DISTRIBUTION
WIND SPEED AND DIRECTION BY ATMOSPHERIC STABILITY CLASS
35-FT WINDS AND DELTA TEMPERATURE (250FT-35FT)

PERIOD OF RECORD: 4/1/84 to 6/30/84

STABILITY CLASS: F

ELEVATION: 35 FEET

WIND DIRECTION	WIND SPEED (MPH)						TOTAL
	0.7- 3.4	3.5- 7.4	7.5- 12.4	12.5- 18.4	18.5- 24.4	>24.4	
N	0	0	0	0	0	0	0
NNE	0	0	0	0	0	0	0
NE	0	0	0	0	0	0	0
ENE	0	1	0	0	0	0	1
E	0	0	1	0	0	0	1
ESE	0	0	0	0	0	0	0
SE	0	1	0	0	0	0	1
SSE	0	0	0	0	0	0	0
S	0	0	0	0	0	0	0
SSW	0	0	0	0	0	0	0
SW	0	0	0	0	0	0	0
WSW	0	0	0	0	0	0	0
W	0	0	0	0	0	0	0
WNW	0	0	0	0	0	0	0
NW	0	0	0	0	0	0	0
NNW	0	0	0	0	0	0	0
VARIABLE	0	0	0	0	0	0	0
TOTAL	0	2	1	0	0	0	3

PERIODS OF CALM (HOURS): 0

Table 13 Continued

D A V I S - B E S S E
U N I T 1

BATCH RELEASE JOINT FREQUENCY DISTRIBUTION
WIND SPEED AND DIRECTION BY ATMOSPHERIC STABILITY CLASS
35-FT WINDS AND DELTA TEMPERATURE (250FT-35FT)

PERIOD OF RECORD: 4/1/84 to 6/30/84

STABILITY CLASS: G

ELEVATION: 35 FEET

WIND DIRECTION	WIND SPEED (MPH)						TOTAL
	0.7- 3.4	3.5- 7.4	7.5- 12.4	12.5- 18.4	18.5- 24.4	>24.4	
N	0	0	0	0	0	0	0
NNE	0	0	0	0	0	0	0
NE	0	0	0	0	0	0	0
ENE	0	0	0	0	0	0	0
E	0	0	0	0	0	0	0
ESE	1	0	0	0	0	0	1
SE	0	0	0	0	0	0	0
SSE	0	0	0	0	0	0	0
S	0	0	0	0	0	0	0
SSW	0	0	0	0	0	0	0
SW	0	0	0	0	0	0	0
WSW	0	0	0	0	0	0	0
W	0	0	0	0	0	0	0
WNW	0	0	0	0	0	0	0
NW	0	0	0	0	0	0	0
NNW	0	0	0	0	0	0	0
VARIABLE	0	0	0	0	0	0	0
TOTAL	1	0	0	0	0	0	1

PERIODS OF CALM (HOURS): 0

D A V I S - B E S S E
U N I T 1

BATCH RELEASE JOINT FREQUENCY DISTRIBUTION
WIND SPEED AND DIRECTION BY ATMOSPHERIC STABILITY CLASS
35-FT WINDS AND DELTA TEMPERATURE (250FT-35FT)

PERIOD OF RECORD: 4/1/84 to 6/30/84

STABILITY CLASS: TOTAL

ELEVATION: 35 FEET

WIND DIRECTION	WIND SPEED (MPH)						TOTAL
	0.7- 3.4	3.5- 7.4	7.5- 12.4	12.5- 18.4	18.5- 24.4	>24.4	
N	0	2	1	0	0	0	3
NNE	0	1	1	1	0	0	3
NE	0	0	0	9	0	0	9
ENE	0	6	10	7	0	0	23
E	0	10	10	0	0	0	20
ESE	1	4	0	0	0	0	5
SE	0	3	0	0	0	0	3
SSE	0	1	0	0	0	0	1
S	0	2	0	0	0	0	2
SSW	0	3	7	8	0	0	18
SW	1	3	4	4	0	0	12
WSW	2	2	6	2	0	0	12
W	1	1	6	7	0	0	15
WNW	0	2	0	7	0	0	9
NW	1	3	7	0	0	0	11
NNW	0	1	6	1	0	0	8
VARIABLE	0	0	0	0	0	0	0
TOTAL	6	44	58	46	0	0	154

PERIODS OF CALM (HOURS): 0

HOURS OF MISSING DATA: 0

D A V I S - B E S S E
U N I T 1

BATCH RELEASE JOINT FREQUENCY DISTRIBUTION
WIND SPEED AND DIRECTION BY ATMOSPHERIC STABILITY CLASS
250-FT WINDS AND DELTA TEMPERATURE (250FT-35FT)

PERIOD OF RECORD: 4/1/84 to 6/30/84

STABILITY CLASS: A

ELEVATION: 250 FEET

WIND DIRECTION	WIND SPEED (MPH)						TOTAL
	0.7- 3.4	3.5- 7.4	7.5- 12.4	12.5- 18.4	18.5- 24.4	>24.4	
N	0	0	0	0	0	0	0
NNE	0	0	0	0	0	0	0
NE	0	0	0	0	0	0	0
ENE	0	0	0	0	0	0	0
E	0	0	0	0	0	0	0
ESE	0	0	0	0	0	0	0
SE	0	0	0	0	0	0	0
SSE	0	0	0	0	0	0	0
S	0	0	0	0	0	0	0
SSW	0	0	0	0	0	0	0
SW	0	0	0	0	0	0	0
WSW	0	1	0	0	0	0	1
W	0	0	0	0	0	0	0
WNW	0	0	0	0	0	0	0
NW	0	0	0	0	0	0	0
NNW	0	0	0	0	0	0	0
VARIABLE	0	0	0	0	0	0	0
TOTAL	0	1	0	0	0	0	1
PERIODS OF CALM (HOURS):	0						

D A V I S - B E S S E
U N I T 1

BATCH RELEASE JOINT FREQUENCY DISTRIBUTION
WIND SPEED AND DIRECTION BY ATMOSPHERIC STABILITY CLASS
250-FT WINDS AND DELTA TEMPERATURE (250FT-35FT)

PERIOD OF RECORD: 4/1/84 to 6/30/84

STABILITY CLASS: B

ELEVATION: 250 FEET

WIND DIRECTION	WIND SPEED (MPH)						TOTAL
	0.7- 3.4	3.5- 7.4	7.5- 12.4	12.5- 18.4	18.5- 24.4	>24.4	
N	0	0	0	0	0	0	0
NNE	0	0	0	0	0	0	0
NE	0	0	0	0	0	0	0
ENE	0	0	0	4	1	0	5
E	0	0	0	0	0	0	0
ESE	0	0	0	0	0	0	0
SE	0	0	0	0	0	0	0
SSE	0	0	0	0	0	0	0
S	0	0	0	0	0	0	0
SSW	0	0	0	0	0	0	0
SW	0	0	0	0	0	0	0
WSW	0	0	0	0	0	0	0
W	0	0	0	0	0	0	0
WNW	0	0	0	0	0	0	0
NW	0	0	0	0	0	0	0
NNW	0	0	0	0	0	0	0
VARIABLE	0	0	0	0	0	0	0
TOTAL	0	0	0	4	1	0	5

PERIODS OF CALM (HOURS): 0

D A V I S - B E S S E
U N I T 1

BATCH RELEASE JOINT FREQUENCY DISTRIBUTION
WIND SPEED AND DIRECTION BY ATMOSPHERIC STABILITY CLASS
250-FT WINDS AND DELTA TEMPERATURE (250FT-35FT)

PERIOD OF RECORD: 4/1/84 to 6/30/84

STABILITY CLASS: C

ELEVATION: 250 FEET

WIND DIRECTION	WIND SPEED (MPH)						TOTAL
	0.7- 3.4	3.5- 7.4	7.5- 12.4	12.5- 18.4	18.5- 24.4	>24.4	
N	0	0	0	0	0	0	0
NNE	0	0	0	0	0	0	0
NE	0	0	0	0	0	0	0
ENE	0	0	1	1	1	0	3
E	0	0	0	0	0	0	0
ESE	0	0	0	0	0	0	0
SE	0	0	0	0	0	0	0
SSE	0	0	0	0	0	0	0
S	0	0	0	0	0	0	0
SSW	0	0	0	0	0	0	0
SW	0	0	0	0	0	0	0
WSW	0	0	0	0	0	0	0
W	0	0	0	0	0	0	0
WNW	0	0	0	3	1	0	4
NW	0	0	0	0	0	0	0
NNW	0	1	0	0	0	0	1
VARIABLE	0	0	0	0	0	0	0
TOTAL	0	1	1	4	2	0	8

PERIODS OF CALM (HOURS): 0

D A V I S - B E S S E
U N I T 1

BATCH RELEASE JOINT FREQUENCY DISTRIBUTION
WIND SPEED AND DIRECTION BY ATMOSPHERIC STABILITY CLASS
250-FT WINDS AND DELTA TEMPERATURE (250FT-35FT)

PERIOD OF RECORD: 4/1/84 to 6/30/84

STABILITY CLASS: D

ELEVATION: 250 FEET

WIND DIRECTION	WIND SPEED (MPH)						TOTAL
	0.7- 3.4	3.5- 7.4	7.5- 12.4	12.5- 18.4	18.5- 24.4	>24.4	
N	0	2	1	1	0	0	4
NNE	1	0	1	1	0	0	3
NE	0	0	0	3	3	0	6
ENE	0	1	5	4	4	0	14
E	0	4	3	2	0	0	9
ESE	0	5	2	0	0	0	7
SE	0	2	0	0	0	0	2
SSE	0	0	0	0	0	0	0
S	0	0	0	0	0	0	0
SSW	0	0	0	0	2	0	2
SW	0	1	0	0	9	1	11
WSW	0	1	1	1	1	0	4
W	0	0	0	5	1	0	6
WNW	0	2	1	6	1	0	10
NW	1	1	1	5	0	0	8
NNW	0	1	0	3	0	0	4
VARIABLE	0	0	0	0	0	0	0
TOTAL	2	20	15	31	21	1	90

PERIODS OF CALM (HOURS): 0

D A V I S - B E S S E
U N I T 1

PATCH RELEASE JOINT FREQUENCY DISTRIBUTION
WIND SPEED AND DIRECTION BY ATMOSPHERIC STABILITY CLASS
250-FT WINDS AND DELTA TEMPERATURE (250FT-35FT)

PERIOD OF RECORD: 4/1/84 to 6/30/84

STABILITY CLASS: E

ELEVATION: 250 FEET

WIND DIRECTION	WIND SPEED (MPH)						TOTAL
	0.7- 3.4	3.5- 7.4	7.5- 12.4	12.5- 18.4	18.5- 24.4	>24.4	
N	0	0	0	0	0	0	0
NNE	0	0	0	0	0	0	0
NE	0	0	0	0	0	0	0
ENE	0	0	1	0	0	0	1
E	0	0	6	2	0	0	8
ESE	0	0	1	0	0	0	1
SE	0	0	0	0	0	0	0
SSE	0	0	0	0	0	0	0
S	0	0	0	2	1	0	3
SSW	0	0	0	1	6	0	7
SW	0	0	0	1	1	1	3
WSW	0	0	0	2	2	0	4
W	0	0	2	3	1	0	6
WNW	0	1	2	0	2	0	5
NW	0	0	1	2	0	0	3
NNW	0	0	2	2	1	0	5
VARIABLE	0	0	0	0	0	0	0
TOTAL	0	1	15	15	14	1	46

PERIODS OF CALM (HOURS): 0

D A V I S - B E S S E
U N I T 1

BATCH RELEASE JOINT FREQUENCY DISTRIBUTION
WIND SPEED AND DIRECTION BY ATMOSPHERIC STABILITY CLASS
250-FT WINDS AND DELTA TEMPERATURE (250FT-35FT)

PERIOD OF RECORD: 4/1/84 to 6/30/84

STABILITY CLASS: F

ELEVATION: 250 FEET

WIND DIRECTION	WIND SPEED (MPH)						TOTAL
	0.7- 3.4	3.5- 7.4	7.5- 12.4	12.5- 18.4	18.5- 24.4	>24.4	
N	0	0	0	0	0	0	0
NNE	0	0	0	0	0	0	0
NE	0	0	0	0	0	0	0
ENE	0	0	0	0	0	0	0
E	0	0	0	1	0	0	1
ESE	0	0	0	0	0	0	0
SE	0	0	0	0	0	0	0
SSE	0	0	1	0	0	0	1
S	0	0	0	1	0	0	1
SSW	0	0	0	0	0	0	0
SW	0	0	0	0	0	0	0
WSW	0	0	0	0	0	0	0
W	0	0	0	0	0	0	0
WNW	0	0	0	0	0	0	0
NW	0	0	0	0	0	0	0
NNW	0	0	0	0	0	0	0
VARIABLE	0	0	0	0	0	0	0
TOTAL	0	0	1	2	0	0	3

PERIODS OF CALM (HOURS): 0

D A V I S - B E S S E
U N I T 1

BATCH RELEASE JOINT FREQUENCY DISTRIBUTION
WIND SPEED AND DIRECTION BY ATMOSPHERIC STABILITY CLASS
250-FT WINDS AND DELTA TEMPERATURE (250FT-35FT)

PERIOD OF RECORD: 4/1/84 to 6/30/84

STABILITY CLASS: G

ELEVATION: 250 FEET

WIND DIRECTION	WIND SPEED (MPH)						TOTAL
	0.7- 3.4	3.5- 7.4	7.5- 12.4	12.5- 18.4	18.5- 24.4	>24.4	
N	0	0	0	0	0	0	0
NNE	0	0	0	0	0	0	0
NE	0	0	0	0	0	0	0
ENE	0	0	0	0	0	0	0
E	0	0	0	0	0	0	0
ESE	0	0	0	0	0	0	0
SE	0	0	0	0	0	0	0
SSE	0	0	0	0	0	0	0
S	0	0	0	1	0	0	1
SSW	0	0	0	0	0	0	0
SW	0	0	0	0	0	0	0
WSW	0	0	0	0	0	0	0
W	0	0	0	0	0	0	0
WNW	0	0	0	0	0	0	0
NW	0	0	0	0	0	0	0
NNW	0	0	0	0	0	0	0
VARIABLE	0	0	0	0	0	0	0
TOTAL	0	0	0	1	0	0	1

PERIODS OF CALM (HOURS): 0

D A V I S - B E S S E
U N I T 1

BATCH RELEASE JOINT FREQUENCY DISTRIBUTION
WIND SPEED AND DIRECTION BY ATMOSPHERIC STABILITY CLASS
250-FT WINDS AND DELTA TEMPERATURE (250FT-35FT)

PERIOD OF RECORD: 4/1/84 to 6/30/84

STABILITY CLASS: TOTAL

ELEVATION: 250 FEET

WIND DIRECTION	WIND SPEED (MPH)						TOTAL
	0.7- 3.4	3.5- 7.4	7.5- 12.4	12.5- 18.4	18.5- 24.4	>24.4	
N	0	2	1	1	0	0	4
NNE	1	0	1	1	0	0	3
NE	0	0	0	3	3	0	6
ENE	0	1	7	9	6	0	23
E	0	4	9	5	0	0	18
ESE	0	5	3	0	0	0	8
SE	0	2	0	0	0	0	2
SSE	0	0	1	0	0	0	1
S	0	0	0	4	1	0	5
SSW	0	0	0	1	8	0	9
SW	0	1	0	1	10	2	14
WSW	0	2	1	3	3	0	9
W	0	0	2	8	2	0	12
WNW	0	3	3	9	4	0	19
NW	1	1	2	7	0	0	11
NNW	0	2	2	5	1	0	10
VARIABLE	0	0	0	0	0	0	0
TOTAL	2	23	32	57	38	2	154

PERIODS OF CALM (HOURS): 0

HOURS OF MISSING DATA: 0

TABLE 15

HOURLY METEOROLOGICAL DATA DURING BATCH RELEASES

DAVIS-BESSE NUCLEAR POWER STATION

JANUARY 1 - JUNE 30, 1984

YR	MONTH	DAY	HOUR	35' WIND SPD (MPH)	35' WIND DIRECTION	T 250'-35' (F)
---	---	---	---	---	---	---
84	1	5	11	12.0	200	-1.2
84	1	5	12	13.6	209	-1.6
84	1	5	13	12.6	204	-1.5
84	1	5	14	12.3	205	-1.4
84	1	5	15	12.1	190	-1.2
84	1	5	16	11.4	186	-1.1
84	1	15	6	3.0	316	2.7
84	1	15	7	3.3	298	2.1
84	1	15	8	3.4	316	1.9
84	1	15	9	3.8	320	2.5
84	1	15	10	3.9	327	2.6
84	1	15	11	5.4	342	0.4
84	1	15	12	5.7	01	-1.2
84	1	15	13	4.0	358	-0.9
84	1	15	14	3.8	345	-1.0
84	1	15	15	4.4	357	-1.0
84	1	15	16	2.5	348	-0.7
84	1	15	17	2.5	02	-0.5
84	1	15	18	2.7	345	0.1
84	1	15	19	2.7	16	1.2
84	1	15	20	2.6	03	2.5
84	1	15	21	2.8	34	3.8
84	1	15	22	2.6	66	4.8
84	1	25	13	19.3	236	-1.2
84	1	25	14	18.5	235	-1.2
84	1	25	15	21.2	240	-1.1
84	1	25	16	19.0	239	-0.9
84	1	25	17	17.7	233	-0.8
84	3	5	3	4.6	115	0.1
84	3	5	4	3.4	120	0.8
84	3	5	5	4.2	148	1.8
84	3	5	6	4.4	201	1.3
84	3	5	7	7.6	193	0.6
84	3	5	8	9.6	227	0.3
84	3	5	9	12.7	237	-0.2
84	3	5	10	15.3	248	-0.7

HOURLY METEOROLOGICAL DATA DURING BATCH RELEASES

DAVIS-BESSE NUCLEAR POWER STATION

JANUARY 1 - JUNE 30, 1984

YR	MONTH	DAY	HOUR	35' WIND SPD (MPH)	35' WIND DIRECTION	T 250'-35' (F)
84	4	23	21	3.6	60	-0.8
84	4	23	22	4.0	31	-0.7
84	4	23	23	3.6	348	-0.9
84	4	23	24	3.9	312	-0.9
84	4	24	1	6.4	296	-0.8
84	5	18	15	13.6	248	-1.1
84	5	18	16	13.6	256	-0.9
84	5	18	17	11.7	260	-0.7
84	5	18	18	11.8	263	-0.6
84	5	18	19	10.2	259	0.3
84	5	18	20	8.9	254	1.8
84	5	18	21	15.9	282	1.1
84	5	18	22	12.1	326	0.1
84	5	18	23	5.9	217	1.5
84	5	18	24	7.4	197	1.7
84	5	19	1	7.7	236	1.5
84	5	19	2	5.5	235	0.8
84	5	19	3	9.9	236	1.5
84	5	19	4	14.5	269	-0.1
84	5	19	5	12.3	268	-0.3
84	5	19	6	10.1	252	-0.2
84	5	19	7	7.7	235	-0.1
84	5	19	8	5.8	233	-0.6
84	5	19	9	8.9	234	-0.4
84	5	19	10	10.7	238	0.3
84	5	19	11	12.8	260	-1.2
84	5	19	12	12.6	289	-1.8
84	5	19	13	9.4	311	-1.3
84	5	19	14	8.0	304	-0.4
84	5	19	15	9.4	307	-0.8
84	5	19	16	11.1	316	-0.8
84	5	19	17	11.4	330	-0.6
84	5	19	18	8.5	324	0.6
84	5	19	19	6.0	284	1.2
84	5	19	20	3.5	281	-0.0
84	5	19	21	6.2	327	0.8
84	5	19	22	5.8	311	0.7
84	5	19	23	5.5	322	0.8
84	5	19	24	8.0	307	-0.5
84	5	20	1	5.5	222	-2.4
84	5	20	2	3.6	204	-1.3
84	5	20	3	2.5	204	-0.9
84	5	20	4	5.2	255	-0.7
84	5	20	5	2.3	236	-1.3
84	5	20	6	3.8	213	-1.6

TABLE 16
CONTINUED

HOURLY METEOROLOGICAL DATA DURING BATCH RELEASES

DAVIS-BESSE NUCLEAR POWER STATION

JANUARY 1 - JUNE 30, 1984

YR	MONTH	DAY	HOUR	35' WIND SPD (MPH)	35' WIND DIRECTION	T 250'-35' (F)
84	5	20	7	2.6	297	-1.9
84	5	20	8	3.0	222	-1.7
84	5	20	9	2.5	348	-1.3
84	5	20	10	5.3	352	-1.7
84	5	20	11	8.3	17	-0.9
84	5	20	12	6.8	68	-1.3
84	5	20	13	6.8	79	-1.4
84	5	20	14	6.7	92	-1.6
84	5	20	15	8.7	65	-1.5
84	5	20	16	9.7	65	-1.4
84	5	20	17	8.8	83	-1.1
84	5	20	18	5.5	94	-1.1
84	5	20	19	5.1	77	-1.1
84	5	20	20	5.6	71	-1.2
84	5	20	21	5.3	115	-1.5
84	5	20	22	3.6	106	-1.4
84	5	20	23	3.7	70	-1.2
84	5	20	24	3.7	89	-1.0
84	5	21	1	4.8	87	-1.1
84	5	21	2	5.5	113	-0.7
84	5	21	3	5.1	141	-0.7
84	5	21	4	5.8	130	-0.8
84	5	21	5	6.3	116	-0.7
84	5	21	6	6.3	96	-0.7
84	5	21	7	7.3	87	-0.6
84	5	21	8	7.3	93	-0.5
84	5	21	9	6.7	91	-0.1
84	5	21	10	8.0	83	-0.3
84	5	21	11	9.4	79	-0.2
84	5	21	12	9.5	77	-0.0
84	5	21	13	10.0	67	0.1
84	5	21	14	10.6	83	-0.4
84	5	21	15	11.6	81	-0.7
84	5	21	16	11.9	81	-0.2
84	5	21	17	10.0	78	1.1
84	5	21	18	9.4	82	2.3
84	5	21	19	5.5	51	0.7
84	5	21	20	4.0	68	3.9
84	5	21	21	3.3	111	6.1
84	5	21	22	4.7	143	3.5
84	5	21	23	5.0	163	1.4
84	5	21	24	5.2	166	1.2
84	5	22	1	6.2	184	1.3
84	5	22	2	9.8	196	0.6
84	5	22	3	8.5	194	0.8

TABLE 16
CONTINUED

HOURLY METEOROLOGICAL DATA DURING BATCH RELEASES

DAVIS-BESSE NUCLEAR POWER STATION

JANUARY 1 - JUNE 30, 1984

YR	MONTH	DAY	HOUR	35' WIND SPD (MPH)	35' WIND DIRECTION	T 250'-35' (F)
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84	5	22	4	9.5	201	0.2
84	5	22	5	9.7	199	0.2
84	5	22	6	8.9	198	0.0
84	5	22	7	10.0	196	-0.4
84	5	22	8	10.8	197	-1.0
84	5	22	9	13.1	206	-1.4
84	5	22	10	16.2	214	-1.3
84	5	22	11	16.1	213	-1.4
84	5	22	12	16.1	211	-1.4
84	5	22	13	16.1	212	-1.3
84	5	22	14	17.4	209	-1.3
84	5	22	15	16.3	212	-1.2
84	5	22	16	15.9	211	-1.4
84	5	22	17	16.3	210	-1.2
84	5	22	18	15.6	212	-0.7
84	5	22	19	13.2	211	-0.3
84	5	22	20	18.0	228	-0.6
84	5	22	21	10.3	220	-1.5
84	5	22	22	12.4	239	-1.5
84	5	22	23	13.2	288	-1.1
84	5	22	24	11.5	346	-1.0
84	5	23	1	8.4	329	-1.1
84	5	23	2	10.8	328	-1.3
84	5	23	3	11.4	328	-1.2
84	5	23	4	8.4	314	-1.2
84	5	23	5	10.6	308	-1.3
84	5	23	6	8.1	275	-1.2
84	5	23	7	8.6	270	-1.4
84	5	23	8	11.0	271	-1.5
84	5	23	9	13.5	275	-1.7
84	5	23	10	14.3	293	-1.7
84	5	23	11	14.0	304	-1.7
84	5	23	12	14.5	289	-1.8
84	5	23	13	16.1	277	-1.8
84	5	23	14	14.7	296	-1.8
84	5	23	15	15.1	293	-1.5
84	5	23	16	15.9	280	-1.3
84	5	23	17	16.6	274	-1.4
84	6	14	15	11.1	356	-1.8
84	6	14	16	13.1	15	-1.1
84	6	14	17	16.9	58	-2.1
84	6	14	18	16.1	58	-1.8
84	6	14	19	16.3	50	-1.6
84	6	14	20	15.9	48	-1.5
84	6	14	21	16.3	48	-1.4

TABLE 16
CONTINUED

HOURLY METEOROLOGICAL DATA DURING BATCH RELEASES

DAVIS-BESSE NUCLEAR POWER STATION

JANUARY 1 - JUNE 30, 1984

YR	MONTH	DAY	HOUR	35' WIND SPD (MPH)	35' WIND DIRECTION	T 250'-35' (F)
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84	6	14	22	16.2	47	-1.3
84	6	14	23	14.9	48	-1.3
84	6	14	24	14.3	51	-1.2
84	6	15	1	13.2	52	-1.2
84	6	15	2	13.6	48	-1.3
84	6	15	3	13.8	52	-1.2
84	6	15	4	14.7	57	-1.1
84	6	15	5	14.1	70	-0.9
84	6	15	6	12.9	70	-1.0
84	6	15	7	12.0	70	-1.1
84	6	15	8	11.1	72	-1.4
84	6	15	9	9.7	84	-1.5
84	6	15	10	9.6	69	-1.8
84	6	15	11	10.4	78	-1.9
84	6	15	12	11.0	75	-1.9
84	6	15	13	12.1	63	-2.1
84	6	15	14	12.5	66	-2.1
84	6	15	15	13.0	66	-2.1
84	6	15	16	13.8	72	-2.1

August 15, 1984
Docket No. 50-346
License No. NPF-3

JMB



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RR 2 P-2-84-01

PRINCIPAL STAFF			
RA		DRP	
D/RA		DRS	
RC		DRSS	
PAO		ML	
SGA		OL	
EIC		OI	
DRMA		FILE	Yes

Wright

Mr. James G. Keppler
Regional Director, Region III
Office of Inspection and Enforcement
U.S. Nuclear Regulatory Commission
799 Roosevelt Road
Glen Ellyn, Illinois 60137

Dear Mr. Keppler:

Effluent and Waste Disposal Semiannual Report for the Period
From January 1, 1984 Through June 20, 1984 Davis-Besse Nuclear
Power Station Unit I

Enclosed find two (2) copies of the Effluent and Waste Disposal Semi-annual Report for Davis-Besse Nuclear Power Station covering the first and second quarters of 1984.

The applicable portions of Regulatory Guides 1.109, 1.111, and 1.113 have been used along with NUREG-0133 for dose calculations and meteorological modeling methodology to demonstrate compliance with Appendix I to 10 CFR Part 50.

Sincerely,

Stephen M. Quennoz
Acting Station Superintendent
Davis-Besse Nuclear Power Station

SMQ/DWB/ym1

Enclosures

cc: Mr. Richard C. DeYoung
Office of Inspection and Enforcement
Encl: 25 copies

Ohio Environmental Protection Agency
Northwest District Office
Encl: 1 copy

Health Program Director
Ohio Department of Health
Encl: 1 copy

Mr. Jere Witt
Oitawa County Disaster Services
Encl: 1 copy

NRC Resident Inspector
Encl: 1 copy

IE: 25
1/1