SCENARIO INFORMATION

Exercise Time:	10:30
Interval Since Release Started (hh:mm):	0:00

METEOROLGICAL DATA

Ground Level Wind Velocity (mph):	7.40
Ground Level Direction (degrees):	167
Stability Class:	D-Neutral

Dose Rate at 3 ft mR/hr closed window

mile	A= 0 deg A mR/hr	B= 6 deg B mR/hr	C= 12 deg C mR/hr
0.5	452.9	158.0	6.2
1.0	172.6	49.9	1.0
2.0	AS READ	AS READ	AS READ
5.0	AS READ	AS READ	AS READ
7.5	AS READ	AS READ	AS READ
10.0	AS READ	AS READ	AS READ

Dose Rate at 3 ft mR/hr open window

mile	A= 0 deg A mR/hr	B= 6 deg B mR/hr	C= 12 deg C mR/hr
0.5	905.8	316.0	12.5
1.0	345.3	99.8	2.1
2.0	AS READ	AS READ	AS READ
5.0	AS READ	AS READ	AS READ
7.5	AS READ	AS READ	AS READ
10.0	AS READ	AS READ	AS READ

Dose Rate at 6 in. mR/hr closed window

mile	A mR/hr	B mR/hr	C mR/hr
0.5	476.9	166.4	6.57E+00
1.0	181.8	5.26E+01	1.10E+00
2.0	AS READ	AS READ	AS READ
5.0	AS READ	AS READ	AS READ
7.5	AS READ	AS READ	AS READ
10.0	AS READ	AS READ	AS READ

Dose Rate at 6 in. mR/hr open window

mile	A mR/hr	B mR/hr	C mR/hr
0.5	494.0	172.3	6.8
1.0	188.3	54.5	1.1
2.0	AS READ	AS READ	AS READ
5.0	AS READ	AS READ	AS READ
7.5	AS READ	AS READ	AS READ
10.0	AS READ	AS READ	AS READ

Ground Deposition: Ludlum #44-40 Probe (10% eff.) (cpm)

mile	A cpm	B cpm	C cpm
0.5	153,537	53,628	6,047
1.0	58,635	1,755	1,755
2.0	AS READ	AS READ	AS READ
5.0	AS READ	AS READ	AS READ
7.5	AS READ	AS READ	AS READ
10.0	AS READ	AS READ	AS READ

Swipe Measurement: Ludlum #44-40 Probe (10% eff.) (cpm)

mile	A cpm	B cpm	C cpm
0.5	767,676	268,136	30,234
1.0	293,171	84,694	8,776
2.0	AS READ	AS READ	AS READ
5.0	AS READ	AS READ	AS READ
7.5	AS READ	AS READ	AS READ
10.0	AS READ	AS READ	AS READ

Particulate Measurements: Ludlum #44-40 Probe for 10 cu. Ft. Air Sample (10% eff.) (cpm)

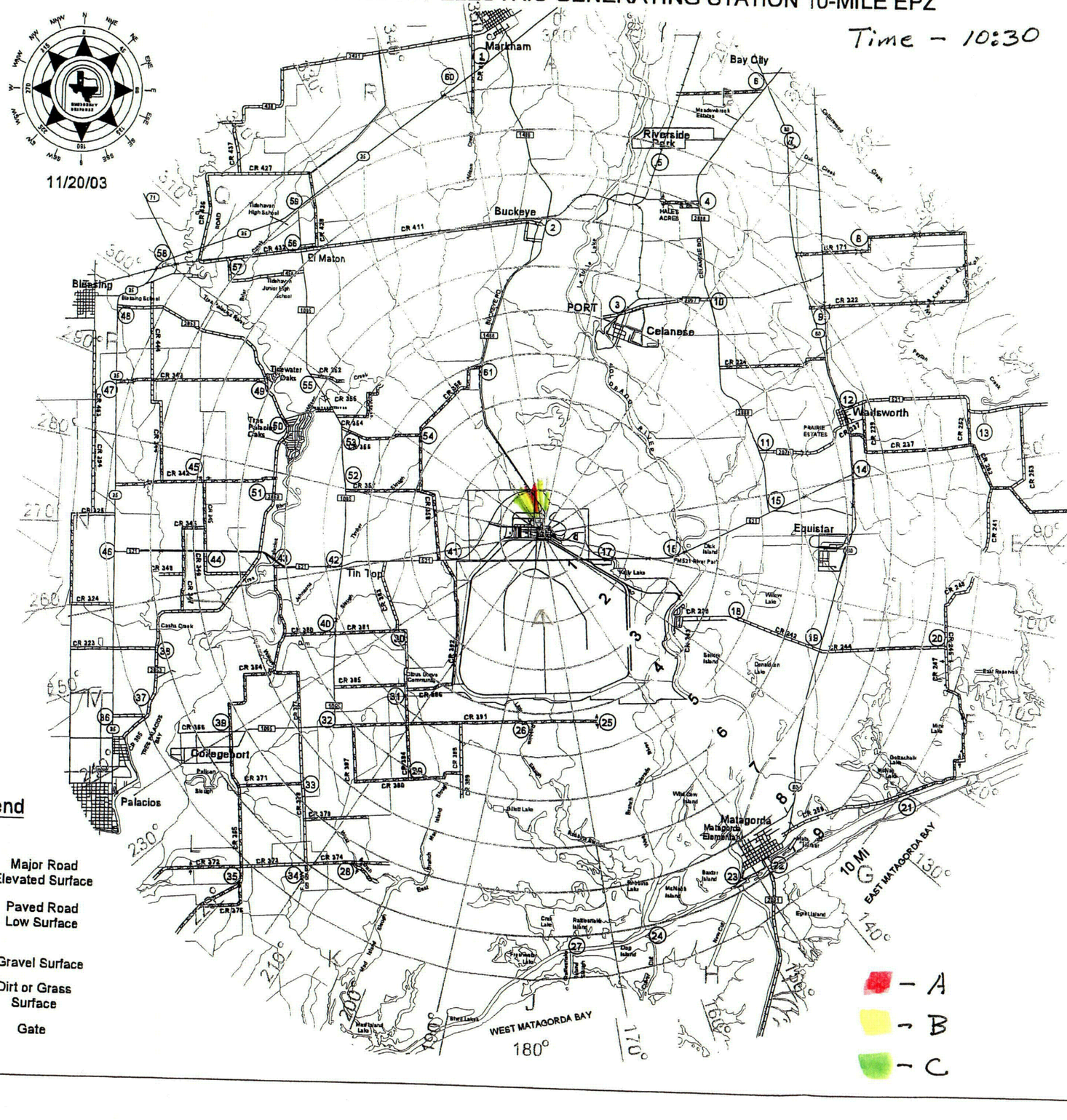
mile	A cpm	B cpm	C cpm
0.5	160,304	55,991	6,313
1.0	61,219	17,685	1,833
2.0	AS READ	AS READ	AS READ
5.0	AS READ	AS READ	AS READ
7.5	AS READ	AS READ	AS READ
10.0	AS READ	AS READ	AS READ

Iodine Measurement: Ludlum #44-40 Probe for 10 cu. Ft. Air Sample (0.49% eff.) (cpm)

mile	A cpm	B cpm	C cpm
0.5	110,498	38,595	4,352
1.0	42,199	12,191	1,263
2.0	AS READ	AS READ	AS READ
5.0	AS READ	AS READ	AS READ
7.5	AS READ	AS READ	AS READ
10.0	AS READ	AS READ	AS READ

Time – 10:30

SOUTH TEXAS PROJECT ELECTRIC GENERATING STATION 10-MILE EPZ



SCALE IN MILES

Time – 10:30

PRE-SELECTED MONITORING POINTS

Monitoring Point	Map Sector	Coordinates	Location
1	A	N28.57.14 W96.03.73	Intersection of SH35 and FM1468 (On STP Directional Sign to N of SH35)
2	A	N28.53.68 W96.02.90	Intersection of FM1468 & CR 411
3	B	N28.51.93 W96.01.26	Intersection of Celanese Avenue A and FM3057
4	B	N28.54.13 W95.59.49	Intersection of FM2668 and entrance of Hale's Acres Subdivision
5	B	N28.56.28 W95.57.98	Riverside Park at Railroad Tracks
6	B	N28.56.40 W95.57.86	Intersection of FM2668 and SH60
7	B	N28.54.48 W95.57.35	SH60 at Live Oak Creek
8	C	N28.53.37 W95.55.54	Second 90 degree bend on Sims Lane (CR 177), east of SH60
9	C	N28.52.11 W95.56.85	Intersection of SH60 and CR 222
10	C	N28.52.25 W95.59.23	Intersection of FM3057 and FM2668
11	D	N28.49.32 W95.58.08	Intersection of FM2078 and FM2668
12	D	N28.50.12 W95.56.18	Intersection of FM521 and SH60 in Wadsworth
13	D	N28.49.41 W95.53.33	Intersection of CR 237 and CR 262
14	D	N28.48.87 W95.55.96	Intersection of FM521 and SH60 south of Wadsworth
15	E	N28.48.12 W95.57.85	Intersection of FM521 and FM2668
16	E	N28.47.30 W95.59.85	FM521 and Colorado River
17	F	N28.47.21 W96.01.39	FM521 at Kelly Lake
18	F	N28.46.12 W95.58.79	CR 239 and CR 242
19	F	N28.45.44 W95.56.72	Intersection of SH60 and CR 244
20	F	N28.45.48 W95.53.92	Intersection of CR 244 and CR 245
21	G	N28.42.65 W95.54.85	Bridge on CR 259, 2.6 miles east of SH60
22	G	N28.41.45 W95.58.09	Junction of SH60 and FM2031 in Matagorda
23	H	N28.41.03 W95.58.53	Intersection of Intracoastal Waterway and Colorado River at the barge traffic signal
24	H	N28.39.14 W96.01.50	Intracoastal Waterway and Old Colorado River at sunken barge
25	H	N28.44.06 W96.01.72	East end of CR 391
26	J	N28.44.04 W96.03.40	CR 391 at Bridge over Robbins Slough
27	J	N28.38.86 W96.02.50	Intracoastal Waterway at Rattlesnake Island Slough
28	K	N28.41.30 W96.07.18	CR 374 at Mad Island Hunting Lodge gate
29	K	N28.42.93 W96.05.95	Intersection of CR 390 and CR 384
30	L	N28.45.81 W96.02.20	Intersection of CR 383 and CR 381
31	L	N28.44.76 W96.06.03	Intersection of CR 384 and CR 385
32	L	N28.43.95 W96.07.65	Intersection of FM1095 and CR 391
33	L	N28.42.83 W96.08.36	Intersection of CR 371 and CR 378
34	L	N28.41.26 W96.08.26	Intersection of CR 378 and CR 374
35	L	N28.41.21 W96.09.74	Intersection of CR 372 and CR 365
36	M	N28.44.57 W96.12.59	Intersection of SH35 and FM2853 north of Palacios
37	M	N28.44.69 W96.11.63	90 degree bend in FM2853 and CR 305
38	M	N28.45.44 W96.11.63	Intersection of FM2853 and CR 323
39	M	N28.43.83 W96.09.98	Intersection of CR 366 and CR 364
40	M	N28.45.76 W96.07.61	Intersection of FM1095 and CR 380
41	M	N28.47.20 W96.05.17	Intersection of FM521 and CR 358
42	N	N28.47.08 W96.07.47	Intersection of FM521 and FM1095 at Tin Top
43	N	N28.47.06 W96.08.79	Intersection of FM521 and CR 364
44	N	N28.47.35 W96.10.54	Intersection of FM521 and CR 349
45	N	N28.48.70 W96.10.56	Intersection of CR 342 and CR 345
46	N	N28.47.34 W96.12.57	Intersection of SH35 and FM 521
47	P	N28.50.64 W96.12.58	Intersection of SH35 and CR 343
48	P	N28.52.12 W96.12.57	Intersection of SH35 and FM2853 at Blessing
49	P	N28.50.80 W96.09.27	Intersection of FM2853 and Tidewater Oaks Subdivision North of Harbor
50	P	N28.49.74 W96.08.70	FM2853 at Tres Palacios Oaks Subdivision at the Fire Station
51	N	N28.48.77 W96.09.01	Intersection of FM2853 and CR 342
52	P	N28.48.55 W96.07.36	Intersection of FM1095 and CR 357
53	P	N28.49.76 W96.07.46	Intersection of FM1095 and CR 356
54	Q	N28.49.61 W96.05.69	Intersection of CR 356 and CR 356
55	P	N28.50.78 W96.08.17	Intersection of FM1095 and CR 352
56	Q	N28.53.21 W96.08.40	Intersection of FM1095 and CR 411
57	Q	N28.53.04 W96.10.08	Intersection of FM459 and CR 432
58	Q	N28.53.06 W96.11.30	Intersection of SH71 and SH35
59	Q	N28.54.05 W96.08.48	Intersection of SH35 and FM1095
60	R	N28.56.22 W96.05.17	SH35 NE of Wilson Creek Bridge
61	R	N28.50.92 W96.04.36	Intersection of FM1468 and CR 358

C01

SCENARIO INFORMATION

Exercise Time:	10:45
Interval Since Release Started (hh:mm):	0:15

METEOROLGICAL DATA

Ground Level Wind Velocity (mph):	7.40
Ground Level Direction (degrees):	165
Stability Class:	D-Neutral

Dose Rate at 3 ft mR/hr closed window

mile	A= 0 deg A mR/hr	B= 6 deg B mR/hr	C= 12 deg C mR/hr
0.5	1335.8	466.0	52.8
1.0	509.6	147.4	10.6
2.0	64.0	15.8	1.1
5.0	AS READ	AS READ	AS READ
7.5	AS READ	AS READ	AS READ
10.0	AS READ	AS READ	AS READ

Dose Rate at 3 ft mR/hr open window

mile	A= 0 deg A mR/hr	B= 6 deg B mR/hr	C= 12 deg C mR/hr
0.5	2671.7	931.9	105.5
1.0	1019.3	294.7	21.2
2.0	127.9	31.6	2.1
5.0	AS READ	AS READ	AS READ
7.5	AS READ	AS READ	AS READ
10.0	AS READ	AS READ	AS READ

Dose Rate at 6 in. mR/hr closed window

mile	A mR/hr	B mR/hr	C mR/hr
0.5	1432.4	499.6	56.6
1.0	546.5	158.0	11.4
2.0	67.3	16.6	0.3
5.0	AS READ	AS READ	AS READ
7.5	AS READ	AS READ	AS READ
10.0	AS READ	AS READ	AS READ

Dose Rate at 6 in. mR/hr open window

mile	A mR/hr	B mR/hr	C mR/hr
0.5	1501.1	523.6	59.3
1.0	572.7	165.6	11.9
2.0	69.7	17.2	0.3
5.0	AS READ	AS READ	AS READ
7.5	AS READ	AS READ	AS READ
10.0	AS READ	AS READ	AS READ

Ground Deposition: Ludlum #44-40 Probe (10% eff.) (cpm)

mile	A cpm	B cpm	C cpm
0.5	617,850	215,804	24,333
1.0	235,953	68,164	7,063
2.0	21,325	5,283	296
5.0	AS READ	AS READ	AS READ
7.5	AS READ	AS READ	AS READ
10.0	AS READ	AS READ	AS READ

Swipe Measurement: Ludlum #44-40 Probe (10% eff.) (cpm)

mile	A cpm	B cpm	C cpm
0.5	3,089,230	1,079,013	121,665
1.0	1,179,758	340,819	35,316
2.0	106,624	26,413	1,481
5.0	AS READ	AS READ	AS READ
7.5	AS READ	AS READ	AS READ
10.0	AS READ	AS READ	AS READ

Particulate Measurements: Ludlum #44-40 Probe for 10 cu. Ft. Air Sample (10% eff.) (cpm)

mile	A cpm	B cpm	C cpm
0.5	496,427	173,393	19,551
1.0	189,583	54,768	5,675
2.0	22,265	5,516	309
5.0	AS READ	AS READ	AS READ
7.5	AS READ	AS READ	AS READ
10.0	AS READ	AS READ	AS READ

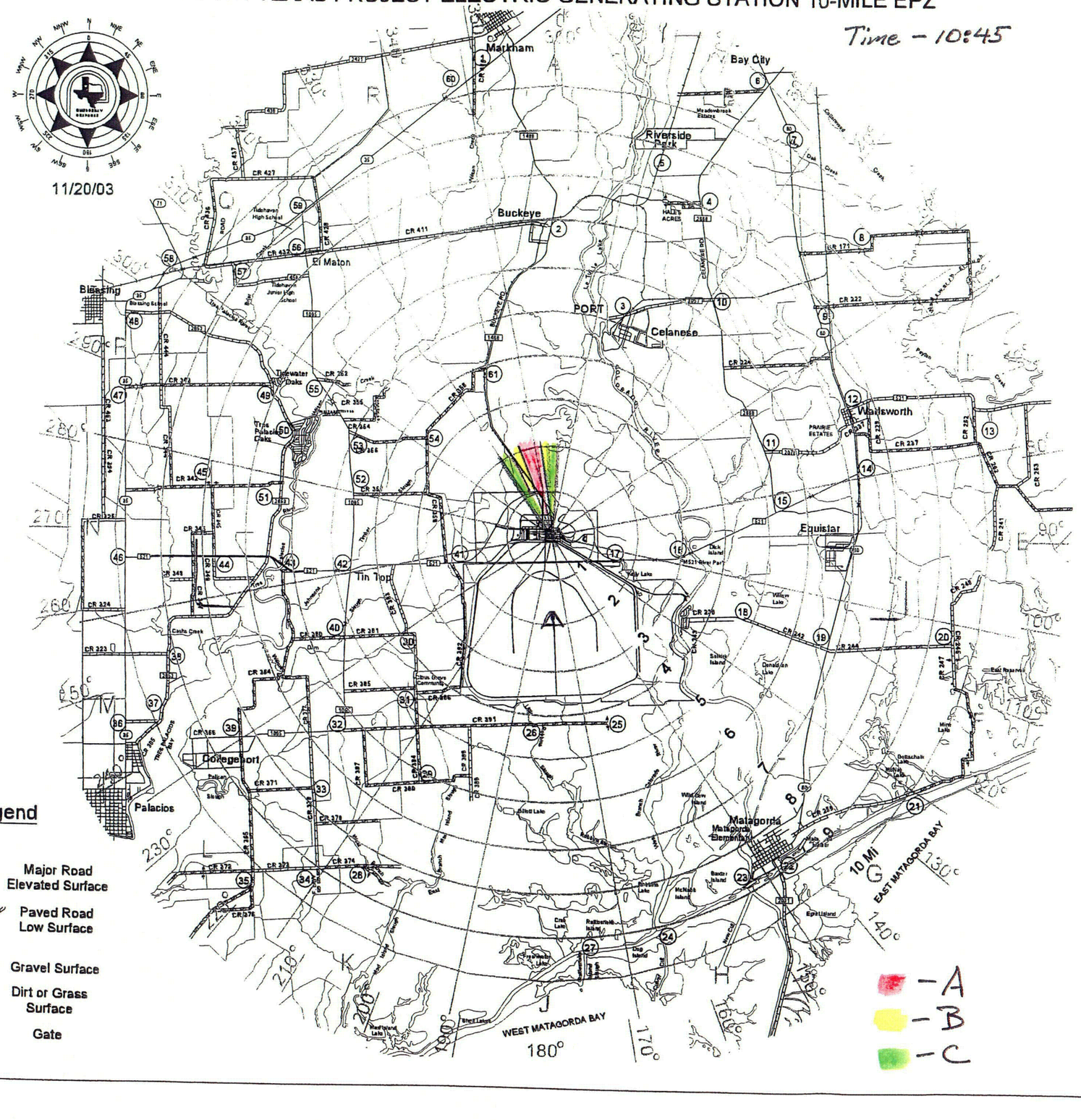
Iodine Measurement: Ludlum #44-40 Probe for 10 cu. Ft. Air Sample (0.49% eff.) (cpm)

mile	A cpm	B cpm	C cpm
0.5	333,590	116,517	13,138
1.0	127,396	36,803	3,814
2.0	15,347	3,802	213
5.0	AS READ	AS READ	AS READ
7.5	AS READ	AS READ	AS READ
10.0	AS READ	AS READ	AS READ

Time - 10:45

SOUTH TEXAS PROJECT ELECTRIC GENERATING STATION 10-MILE EPZ

Time - 10:45



SCALE IN MILES

PRE-SELECTED MONITORING POINTS

Monitoring Point	Map Sector	Coordinates	Location
1	A	N28.57.14 W96.03.73	Intersection of SH35 and FM1468 (On STP Directional Sign to N of SH35)
2	A	N28.53.68 W96.02.90	Intersection of FM1468 & CR 411
3	B	N28.51.93 W96.01.26	Intersection of Celanese Avenue A and FM3057
4	B	N28.54.13 W95.59.49	Intersection of FM2668 and entrance of Hale's Acres Subdivision
5	B	N28.56.28 W95.57.98	Riverside Park at Railroad Tracks
6	B	N28.56.40 W95.57.86	Intersection of FM2668 and SH60
7	B	N28.54.48 W95.57.35	SH60 at Live Oak Creek
8	C	N28.53.37 W95.55.54	Second 90 degree bend on Sims Lane (CR 177), east of SH60
9	C	N28.52.11 W95.56.85	Intersection of SH60 and CR 222
10	C	N28.52.25 W95.59.23	Intersection of FM3057 and FM2668
11	D	N28.49.32 W95.58.08	Intersection of FM2078 and FM2668
12	D	N28.50.12 W95.56.18	Intersection of FM521 and SH60 in Wadsworth
13	D	N28.49.41 W95.53.33	Intersection of CR 237 and CR 262
14	D	N28.48.87 W95.55.96	Intersection of FM521 and SH60 south of Wadsworth
15	E	N28.48.12 W95.57.85	Intersection of FM521 and FM2668
16	E	N28.47.30 W95.59.85	FM521 and Colorado River
17	F	N28.47.21 W96.01.39	FM521 at Kelly Lake
18	F	N28.46.12 W95.58.79	CR 239 and CR 242
19	F	N28.45.44 W95.56.72	Intersection of SH60 and CR 244
20	F	N28.45.48 W95.53.92	Intersection of CR 244 and CR 245
21	G	N28.42.65 W95.54.85	Bridge on CR 259, 2.6 miles east of SH60
22	G	N28.41.45 W95.58.09	Junction of SH60 and FM2031 in Matagorda
23	H	N28.41.03 W95.58.53	Intersection of Intracoastal Waterway and Colorado River at the barge traffic signal
24	H	N28.39.14 W96.01.50	Intracoastal Waterway and Old Colorado River at sunken barge
25	H	N28.44.06 W96.01.72	East end of CR 391
26	J	N28.44.04 W96.03.40	CR 391 at Bridge over Robbins Slough
27	J	N28.38.86 W96.02.50	Intracoastal Waterway at Rattlesnake Island Slough
28	K	N28.41.30 W96.07.18	CR 374 at Mad Island Hunting Lodge gate
29	K	N28.42.93 W96.05.95	Intersection of CR 390 and CR 384
30	L	N28.45.81 W96.02.20	Intersection of CR 383 and CR 381
31	L	N28.44.76 W96.06.03	Intersection of CR 384 and CR 385
32	L	N28.43.95 W96.07.65	Intersection of FM1095 and CR 391
33	L	N28.42.83 W96.08.36	Intersection of CR 371 and CR 378
34	L	N28.41.26 W96.08.26	Intersection of CR 378 and CR 374
35	L	N28.41.21 W96.09.74	Intersection of CR 372 and CR 365
36	M	N28.44.57 W96.12.59	Intersection of SH35 and FM2853 north of Palacios
37	M	N28.44.69 W96.11.63	90 degree bend in FM2853 and CR 305
38	M	N28.45.44 W96.11.63	Intersection of FM2853 and CR 323
39	M	N28.43.83 W96.09.98	Intersection of CR 366 and CR 364
40	M	N28.45.76 W96.07.61	Intersection of FM1095 and CR 380
41	M	N28.47.20 W96.05.17	Intersection of FM521 and CR 358
42	N	N28.47.08 W96.07.47	Intersection of FM521 and FM1095 at Tin Top
43	N	N28.47.06 W96.08.79	Intersection of FM521 and CR 364
44	N	N28.47.35 W96.10.54	Intersection of FM521 and CR 349
45	N	N28.48.70 W96.10.56	Intersection of CR 342 and CR 345
46	N	N28.47.34 W96.12.57	Intersection of SH35 and FM 521
47	P	N28.50.64 W96.12.58	Intersection of SH35 and CR 343
48	P	N28.52.12 W96.12.57	Intersection of SH35 and FM2853 at Blessing
49	P	N28.50.80 W96.09.27	Intersection of FM2853 and Tidewater Oaks Subdivision North of Harbor
50	P	N28.49.74 W96.08.70	FM2853 at Tres Palacios Oaks Subdivision at the Fire Station
51	N	N28.48.77 W96.09.01	Intersection of FM2853 and CR 342
52	P	N28.48.55 W96.07.36	Intersection of FM1095 and CR 357
53	P	N28.49.76 W96.07.46	Intersection of FM1095 and CR 356
54	Q	N28.49.61 W96.05.69	Intersection of CR 358 and CR 356
55	P	N28.50.78 W96.08.17	Intersection of FM1095 and CR 352
56	Q	N28.53.21 W96.08.40	Intersection of FM1095 and CR 411
57	Q	N28.53.04 W96.10.08	Intersection of FM459 and CR 432
58	Q	N28.53.06 W96.11.30	Intersection of SH71 and SH35
59	Q	N28.54.05 W96.08.48	Intersection of SH35 and FM1095
60	R	N28.56.22 W96.05.17	SH35 NE of Wilson Creek Bridge
61	R	N28.50.92 W96.04.36	Intersection of FM1468 and CR 358

C02

SCENARIO INFORMATION

Exercise Time:	11:00
Interval Since Release Started (hh:mm):	0:30

METEOROLGICAL DATA

Ground Level Wind Velocity (mph):	7.60
Ground Level Direction (degrees):	165
Stability Class:	D-Neutral

Dose Rate at 3 ft mR/hr closed window

mile	A= 0 deg A mR/hr	B= 6 deg B mR/hr	C= 12 deg C mR/hr
0.5	1955.5	682.1	77.3
1.0	741.7	214.5	15.5
2.0	187.9	46.4	0.8
5.0	16.2	3.0	AS READ
7.5	AS READ	AS READ	AS READ
10.0	AS READ	AS READ	AS READ

Dose Rate at 3 ft mR/hr open window

mile	A= 0 deg A mR/hr	B= 6 deg B mR/hr	C= 12 deg C mR/hr
0.5	3911.1	1364.3	154.5
1.0	1483.5	429.0	30.9
2.0	375.7	92.9	6.3
5.0	140.1	26.2	1.9
7.5	AS READ	AS READ	AS READ
10.0	AS READ	AS READ	AS READ

Dose Rate at 6 in. mR/hr closed window

mile	A mR/hr	B mR/hr	C mR/hr
0.5	2162.0	754.2	85.4
1.0	820.6	237.3	17.1
2.0	201.3	49.8	3.4
5.0	17.1	3.2	0.0
7.5	AS READ	AS READ	AS READ
10.0	AS READ	AS READ	AS READ

Dose Rate at 6 in. mR/hr open window

mile	A mR/hr	B mR/hr	C mR/hr
0.5	2309.0	805.4	91.2
1.0	876.7	253.5	18.3
2.0	210.8	52.1	3.5
5.0	17.6	3.3	AS READ
7.5	AS READ	AS READ	AS READ
10.0	AS READ	AS READ	AS READ

Ground Deposition: Ludlum #44-40 Probe (10% eff.) (cpm)

mile	A cpm	B cpm	C cpm
0.5	1,321,601	461,612	52,049
1.0	504,711	145,806	15,108
2.0	85,814	21,258	1,192
5.0	5,256	970	AS READ
7.5	AS READ	AS READ	AS READ
10.0	AS READ	AS READ	AS READ

Swipe Measurement: Ludlum #44-40 Probe (10% eff.) (cpm)

mile	A cpm	B cpm	C cpm
0.5	6,607,976	2,308,049	260,246
1.0	2,523,546	729,024	75,541
2.0	429,069	106,290	5,959
5.0	26,282	4,850	151
7.5	AS READ	AS READ	AS READ
10.0	AS READ	AS READ	AS READ

Particulate Measurements: Ludlum #44-40 Probe for 10 cu. Ft. Air Sample (10% eff.) (cpm)

mile	A cpm	B cpm	C cpm
0.5	766,544	267,740	30,189
1.0	292,738	84,569	8,763
2.0	68,950	17,080	958
5.0	5,488	1,013	AS READ
7.5	AS READ	AS READ	AS READ
10.0	AS READ	AS READ	AS READ

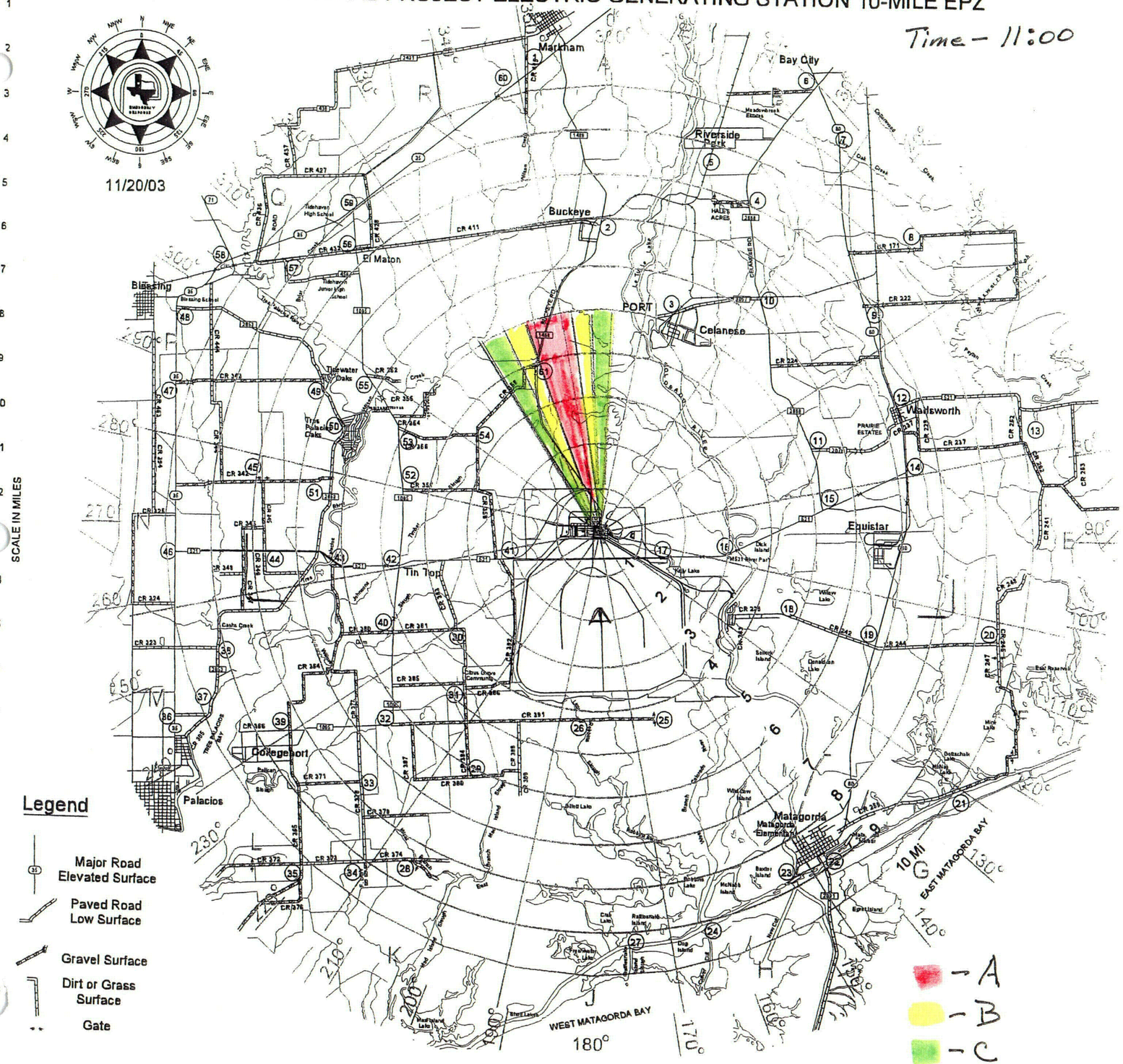
Iodine Measurement: Ludlum #44-40 Probe for 10 cu. Ft. Air Sample (0.49% eff.) (cpm)

mile	A cpm	B cpm	C cpm
0.5	504,926	176,362	6,946
1.0	192,828	55,706	1,668
2.0	46,333	11,478	AS READ
5.0	3,783	698	AS READ
7.5	AS READ	AS READ	AS READ
10.0	AS READ	AS READ	AS READ

SOUTH TEXAS PROJECT ELECTRIC GENERATING STATION 10-MILE EPZ

Time – 11:00

11/20/03



Legend

- Major Road Elevated Surface
- Paved Road Low Surface
- Gravel Surface
- Dirt or Grass Surface
- Gate

PRE-SELECTED MONITORING POINTS

Monitoring Point	Map Sector	Coordinates	Location
1	A	N28.57.14 W96.03.73	Intersection of SH35 and FM1468 (On STP Directional Sign to N of SH35)
2	A	N28.53.68 W96.02.90	Intersection of FM1468 & CR 411
3	B	N28.51.93 W96.01.26	Intersection of Celanese Avenue A and FM3057
4	B	N28.54.13 W95.59.49	Intersection of FM2668 and entrance of Hale's Acres Subdivision
5	B	N28.56.28 W95.57.98	Riverside Park at Railroad Tracks
6	B	N28.56.40 W95.57.86	Intersection of FM2668 and SH60
7	B	N28.54.48 W95.57.35	SH60 at Live Oak Creek
8	C	N28.53.37 W95.55.54	Second 90 degree bend on Sims Lane (CR 177), east of SH60
9	C	N28.52.11 W95.56.85	Intersection of SH60 and CR 222
10	C	N28.52.25 W95.59.23	Intersection of FM3057 and FM2668
11	D	N28.49.32 W95.58.08	Intersection of FM2078 and FM2668
12	D	N28.50.12 W95.56.18	Intersection of FM521 and SH60 in Wadsworth
13	D	N28.49.41 W95.53.33	Intersection of CR 237 and CR 262
14	D	N28.48.87 W95.55.96	Intersection of FM521 and SH60 south of Wadsworth
15	E	N28.48.12 W95.57.85	Intersection of FM521 and FM2668
16	E	N28.47.30 W95.59.85	FM521 and Colorado River
17	F	N28.47.21 W96.01.39	FM521 at Kelly Lake
18	F	N28.46.12 W95.58.79	CR 239 and CR 242
19	F	N28.45.44 W95.56.72	Intersection of SH60 and CR 244
20	F	N28.45.48 W95.53.92	Intersection of CR 244 and CR 245
21	G	N28.42.65 W95.54.85	Bridge on CR 259, 2.6 miles east of SH60
22	G	N28.41.45 W95.58.09	Junction of SH60 and FM2031 in Matagorda
23	H	N28.41.03 W95.58.53	Intersection of Intracoastal Waterway and Colorado River at the barge traffic signal
24	H	N28.39.14 W96.01.50	Intracoastal Waterway and Old Colorado River at sunken barge
25	H	N28.44.06 W96.01.72	East end of CR 391
26	J	N28.44.04 W96.03.40	CR 391 at Bridge over Robbins Slough
27	J	N28.38.86 W96.02.50	Intracoastal Waterway at Rattlesnake Island Slough
28	K	N28.41.30 W96.07.18	CR 374 at Mad Island Hunting Lodge gate
29	K	N28.42.93 W96.05.95	Intersection of CR 390 and CR 384
30	L	N28.45.81 W96.02.20	Intersection of CR 383 and CR 381
31	L	N28.44.76 W96.06.03	Intersection of CR 384 and CR 385
32	L	N28.43.95 W96.07.65	Intersection of FM1095 and CR 391
33	L	N28.42.83 W96.08.36	Intersection of CR 371 and CR 378
34	L	N28.41.26 W96.08.26	Intersection of CR 378 and CR 374
35	L	N28.41.21 W96.09.74	Intersection of CR 372 and CR 365
36	M	N28.44.57 W96.12.59	Intersection of SH35 and FM2853 north of Palacios
37	M	N28.44.69 W96.11.63	90 degree bend in FM2853 and CR 305
38	M	N28.45.44 W96.11.63	Intersection of FM2853 and CR 323
39	M	N28.43.83 W96.09.98	Intersection of CR 366 and CR 364
40	M	N28.45.76 W96.07.61	Intersection of FM1095 and CR 380
41	M	N28.47.20 W96.05.17	Intersection of FM521 and CR 358
42	N	N28.47.08 W96.07.47	Intersection of FM521 and FM1095 at Tin Top
43	N	N28.47.06 W96.08.79	Intersection of FM521 and CR 364
44	N	N28.47.35 W96.10.54	Intersection of FM521 and CR 349
45	N	N28.48.70 W96.10.56	Intersection of CR 342 and CR 345
46	N	N28.47.34 W96.12.57	Intersection of SH35 and FM 521
47	P	N28.50.64 W96.12.58	Intersection of SH35 and CR 343
48	P	N28.52.12 W96.12.57	Intersection of SH35 and FM2853 at Blessing
49	P	N28.50.80 W96.09.27	Intersection of FM2853 and Tidewater Oaks Subdivision North of Harbor
50	P	N28.49.74 W96.08.70	FM2853 at Tres Palacios Oaks Subdivision at the Fire Station
51	N	N28.48.77 W96.09.01	Intersection of FM2853 and CR 342
52	P	N28.48.55 W96.07.36	Intersection of FM1095 and CR 357
53	P	N28.49.76 W96.07.46	Intersection of FM1095 and CR 356
54	Q	N28.49.61 W96.05.69	Intersection of CR 358 and CR 356
55	P	N28.50.78 W96.08.17	Intersection of FM1095 and CR 352
56	Q	N28.53.21 W96.08.40	Intersection of FM1095 and CR 411
57	Q	N28.53.04 W96.10.08	Intersection of FM459 and CR 432
58	Q	N28.53.06 W96.11.30	Intersection of SH71 and SH35
59	Q	N28.54.05 W96.08.48	Intersection of SH35 and FM1095
60	R	N28.56.22 W96.05.17	SH35 NE of Wilson Creek Bridge
61	R	N28.50.92 W96.04.36	Intersection of FM1468 and CR 358

C03

SCENARIO INFORMATION

Exercise Time:	11:15
Interval Since Release Started (hh:mm):	0:45
METEOROLGICAL DATA	
Ground Level Wind Velocity (mph):	7.80
Ground Level Direction (degrees):	165
Stability Class:	D-Neutral

Dose Rate at 3 ft mR/hr closed window

mile	A= 0 deg A mR/hr	B= 6 deg B mR/hr	C= 12 deg C mR/hr
0.5	1715.9	598.5	67.8
1.0	647.6	187.2	13.5
2.0	272.3	67.3	16.6
5.0	48.0	9.0	0.6
7.5	AS READ	AS READ	AS READ
10.0	AS READ	AS READ	AS READ

Dose Rate at 3 ft mR/hr open window

mile	A= 0 deg A mR/hr	B= 6 deg B mR/hr	C= 12 deg C mR/hr
0.5	3431.8	1197.1	135.6
1.0	1295.1	374.5	27.0
2.0	544.5	134.6	9.1
5.0	95.9	18.0	1.3
7.5	AS READ	AS READ	AS READ
10.0	AS READ	AS READ	AS READ

Dose Rate at 6 in. mR/hr closed window

mile	A mR/hr	B mR/hr	C mR/hr
0.5	2020.9	704.9	27.8
1.0	764.0	220.9	4.6
2.0	300.9	74.4	1.2
5.0	51.3	9.6	0.1
7.5	AS READ	AS READ	AS READ
10.0	AS READ	AS READ	AS READ

Dose Rate at 6 in. mR/hr open window

mile	A mR/hr	B mR/hr	C mR/hr
0.5	2237.9	780.6	30.8
1.0	846.9	244.9	5.1
2.0	321.4	79.5	1.3
5.0	53.6	10.0	0.1
7.5	AS READ	AS READ	AS READ
10.0	AS READ	AS READ	AS READ

Ground Deposition: Ludlum #44-40 Probe (10% eff.) (cpm)

mile	A cpm	B cpm	C cpm
0.5	1,951,627	681,669	76,862
1.0	745,314	215,313	22,311
2.0	183,560	45,472	2,549
5.0	21,152	3,903	AS READ
7.5	AS READ	AS READ	AS READ
10.0	AS READ	AS READ	AS READ

Swipe Measurement: Ludlum #44-40 Probe (10% eff.) (cpm)

mile	A cpm	B cpm	C cpm
0.5	9,758,109	3,408,335	384,309
1.0	3,726,562	1,076,562	111,553
2.0	917,794	227,358	12,746
5.0	105,760	19,515	609
7.5	AS READ	AS READ	AS READ
10.0	AS READ	AS READ	AS READ

Particulate Measurements: Ludlum #44-40 Probe for 10 cu. Ft. Air Sample (10% eff.) (cpm)

mile	A cpm	B cpm	C cpm
0.5	702,639	245,419	27,672
1.0	268,333	77,519	8,032
2.0	106,467	26,374	1,479
5.0	16,995	3,136	AS READ
7.5	AS READ	AS READ	AS READ
10.0	AS READ	AS READ	AS READ

Iodine Measurement: Ludlum #44-40 Probe for 10 cu. Ft. Air Sample (0.49% eff.) (cpm)

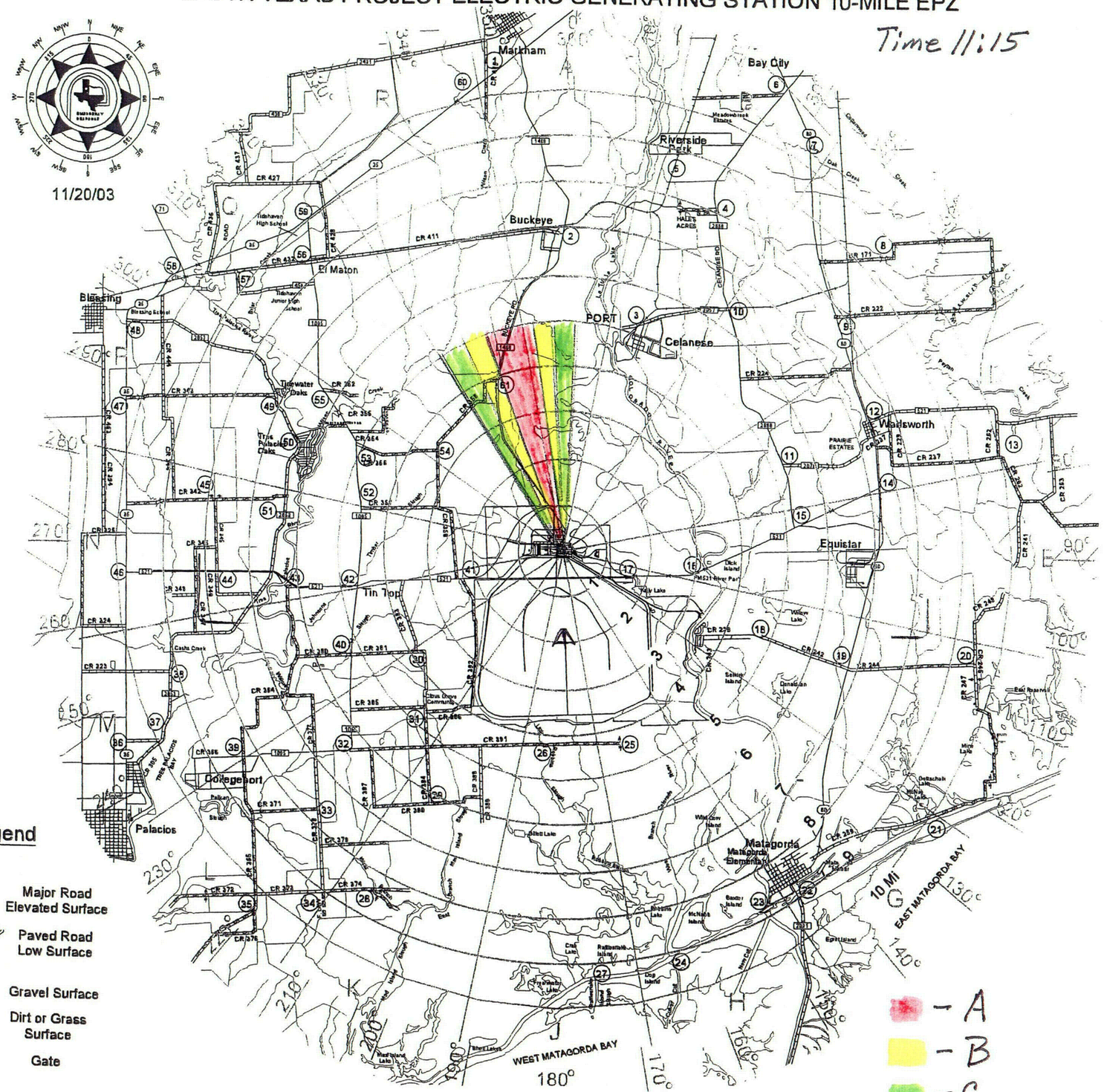
mile	A cpm	B cpm	C cpm
0.5	451,228	157,606	17,771
1.0	172,321	49,782	5,158
2.0	70,130	17,373	974
5.0	11,421	2,107	AS READ
7.5	AS READ	AS READ	AS READ
10.0	AS READ	AS READ	AS READ

Time - 11:15

SOUTH TEXAS PROJECT ELECTRIC GENERATING STATION 10-MILE EPZ

Time 11:15

11/20/03



SCALE IN MILES

PRE-SELECTED MONITORING POINTS

Monitoring Point	Map Sector	Coordinates	Location
1	A	N28.57.14 W96.03.73	Intersection of SH35 and FM1468 (On STP Directional Sign to N of SH35)
2	A	N28.53.68 W96.02.90	Intersection of FM1468 & CR 411
3	B	N28.51.93 W96.01.26	Intersection of Celanese Avenue A and FM3057
4	B	N28.54.13 W95.59.49	Intersection of FM2668 and entrance of Hale's Acres Subdivision
5	B	N28.56.28 W95.57.98	Riverside Park at Railroad Tracks
6	B	N28.56.40 W95.57.86	Intersection of FM2668 and SH60
7	B	N28.54.48 W95.57.35	SH60 at Live Oak Creek
8	C	N28.53.37 W95.55.54	Second 90 degree bend on Sims Lane (CR 177), east of SH60
9	C	N28.52.11 W95.56.85	Intersection of SH60 and CR 222
10	C	N28.52.25 W95.59.23	Intersection of FM3057 and FM2668
11	D	N28.49.32 W95.58.08	Intersection of FM2078 and FM2668
12	D	N28.50.12 W95.56.18	Intersection of FM521 and SH60 in Wadsworth
13	D	N28.49.41 W95.53.33	Intersection of CR 237 and CR 262
14	D	N28.48.87 W95.55.96	Intersection of FM521 and SH60 south of Wadsworth
15	E	N28.48.12 W95.57.85	Intersection of FM521 and FM2668
16	E	N28.47.30 W95.59.95	FM521 and Colorado River
17	F	N28.47.21 W96.01.39	FM521 at Kelly Lake
18	F	N28.46.12 W95.58.79	CR 239 and CR 242
19	F	N28.45.44 W95.56.72	Intersection of SH60 and CR 244
20	F	N28.45.48 W95.53.92	Intersection of CR 244 and CR 245
21	G	N28.42.65 W95.54.85	Bridge on CR 259, 2.6 miles east of SH60
22	G	N28.41.45 W95.58.09	Junction of SH60 and FM2031 in Matagorda
23	H	N28.41.03 W95.58.53	Intersection of Intracoastal Waterway and Colorado River at the barge traffic signal
24	H	N28.39.14 W96.01.50	Intracoastal Waterway and Old Colorado River at sunken barge
25	H	N28.44.06 W96.01.72	East end of CR 391
26	J	N28.44.04 W96.03.40	CR 391 at Bridge over Robbins Slough
27	J	N28.38.86 W96.02.50	Intracoastal Waterway at Rattlesnake Island Slough
28	K	N28.41.30 W96.07.18	CR 374 at Mad Island Hunting Lodge gate
29	K	N28.42.93 W96.05.95	Intersection of CR 390 and CR 384
30	L	N28.45.81 W96.02.20	Intersection of CR 383 and CR 381
31	L	N28.44.76 W96.06.03	Intersection of CR 384 and CR 385
32	L	N28.43.95 W96.07.65	Intersection of FM1095 and CR 391
33	L	N28.42.83 W96.08.36	Intersection of CR 371 and CR 378
34	L	N28.41.26 W96.08.26	Intersection of CR 378 and CR 374
35	L	N28.41.21 W96.09.74	Intersection of CR 372 and CR 365
36	M	N28.44.57 W96.12.59	Intersection of SH35 and FM2853 north of Palacios
37	M	N28.44.69 W96.11.63	90 degree bend in FM2853 and CR 305
38	M	N28.45.44 W96.11.63	Intersection of FM2853 and CR 323
39	M	N28.43.63 W96.09.98	Intersection of CR 366 and CR 364
40	M	N28.45.76 W96.07.61	Intersection of FM1095 and CR 380
41	M	N28.47.20 W96.05.17	Intersection of FM521 and CR 358
42	N	N28.47.08 W96.07.47	Intersection of FM521 and FM1095 at Tin Top
43	N	N28.47.06 W96.08.79	Intersection of FM521 and CR 364
44	N	N28.47.35 W96.10.54	Intersection of FM521 and CR 349
45	N	N28.48.70 W96.10.56	Intersection of CR 342 and CR 345
46	N	N28.47.34 W96.12.57	Intersection of SH35 and FM 521
47	P	N28.50.64 W96.12.58	Intersection of SH35 and CR 343
48	P	N28.52.12 W96.12.57	Intersection of SH35 and FM2853 at Blessing
49	P	N28.50.80 W96.09.27	Intersection of FM2853 and Tidewater Oaks Subdivision North of Harbor
50	P	N28.49.74 W96.08.70	FM2853 at Tres Palacios Oaks Subdivision at the Fire Station
51	N	N28.48.77 W96.09.01	Intersection of FM2853 and CR 342
52	P	N28.48.55 W96.07.36	Intersection of FM1095 and CR 357
53	P	N28.49.76 W96.07.46	Intersection of FM1095 and CR 356
54	Q	N28.49.61 W96.05.69	Intersection of CR 358 and CR 356
55	P	N28.50.78 W96.08.17	Intersection of FM1095 and CR 352
56	Q	N28.53.21 W96.08.40	Intersection of FM1095 and CR 411
57	Q	N28.53.04 W96.10.08	Intersection of FM459 and CR 432
58	Q	N28.53.06 W96.11.30	Intersection of SH71 and SH35
59	Q	N28.54.05 W96.08.48	Intersection of SH35 and FM1095
60	R	N28.56.22 W96.05.17	SH35 NE of Wilson Creek Bridge
61	R	N28.50.92 W96.04.36	Intersection of FM1468 and CR 358

C04

SCENARIO INFORMATION

Exercise Time:	11:30
Interval Since Release Started (hh:mm):	1:00
METEOROLGICAL DATA	
Ground Level Wind Velocity (mph):	6.90
Ground Level Direction (degrees):	165
Stability Class:	D-Neutral

Dose Rate at 3 ft mR/hr closed window

mile	A= 0 deg A mR/hr	B= 6 deg B mR/hr	C= 12 deg C mR/hr
0.5	1352.4	471.7	53.4
1.0	523.8	151.5	10.9
2.0	237.2	58.6	4.0
5.0	70.0	13.1	0.9
7.5	9.1	1.5	0.1
10.0	AS READ	AS READ	AS READ

Dose Rate at 3 ft mR/hr open window

mile	A= 0 deg A mR/hr	B= 6 deg B mR/hr	C= 12 deg C mR/hr
0.5	2704.7	943.5	106.8
1.0	1047.5	302.9	21.8
2.0	474.4	117.3	8.0
5.0	140.1	26.2	1.9
7.5	18.3	2.9	0.2
10.0	AS READ	AS READ	AS READ

Dose Rate at 6 in. mR/hr closed window

mile	A mR/hr	B mR/hr	C mR/hr
0.5	1731.7	604.1	68.4
1.0	668.6	193.3	13.9
2.0	279.6	69.1	4.7
5.0	77.1	14.4	1.0
7.5	9.6	1.5	0.1
10.0	AS READ	AS READ	AS READ

Dose Rate at 6 in. mR/hr open window

mile	A mR/hr	B mR/hr	C mR/hr
0.5	2001.8	698.2	79.1
1.0	771.8	223.2	16.1
2.0	309.7	76.6	5.2
5.0	82.1	15.4	1.1
7.5	9.9	1.6	0.1
10.0	AS READ	AS READ	AS READ

Ground Deposition: Ludlum #44-40 Probe (10% eff.) (cpm)

mile	A cpm	B cpm	C cpm
0.5	2,428,014	848,062	95,624
1.0	927,244	267,870	27,757
2.0	271,065	67,149	3,765
5.0	45,245	8,349	261
7.5	2,782	428	AS READ
10.0	AS READ	AS READ	AS READ

Swipe Measurement: Ludlum #44-40 Probe (10% eff.) (cpm)

mile	A cpm	B cpm	C cpm
0.5	########	4,240,305	478,118
1.0	4,636,211	1,339,350	138,783
2.0	1,355,321	335,743	18,823
5.0	226,225	41,744	1,303
7.5	13,908	2,139	AS READ
10.0	AS READ	AS READ	AS READ

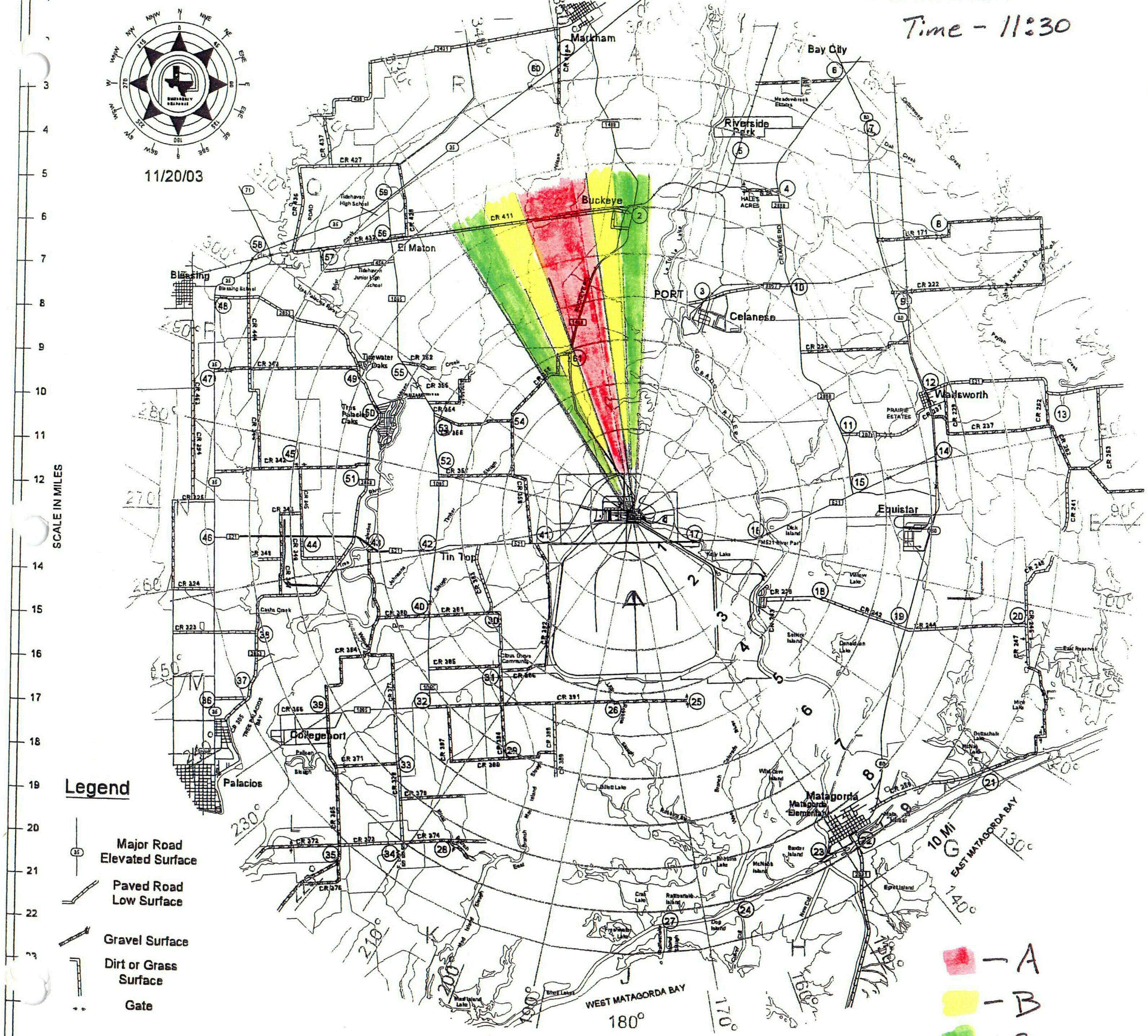
Particulate Measurements: Ludlum #44-40 Probe for 10 cu. Ft. Air Sample (10% eff.) (cpm)

mile	A cpm	B cpm	C cpm
0.5	540,233	188,694	21,276
1.0	206,312	59,601	6,176
2.0	97,591	24,175	1,355
5.0	26,243	4,842	AS READ
7.5	2,904	447	AS READ
10.0	AS READ	AS READ	AS READ

Iodine Measurement: Ludlum #44-40 Probe for 10 cu. Ft. Air Sample (0.49% eff.) (cpm)

mile	A cpm	B cpm	C cpm
0.5	340,753	119,019	13,420
1.0	130,132	37,594	3,895
2.0	62,672	15,525	870
5.0	17,286	3,190	AS READ
7.5	2,002	308	AS READ
10.0	AS READ	AS READ	AS READ

SOUTH TEXAS PROJECT ELECTRIC GENERATING STATION 10-MILE EPZ



Time - 11:30

PRE-SELECTED MONITORING POINTS

Monitoring Point	Map Sector	Coordinates	Location
1	A	N28.57.14 W96.03.73	Intersection of SH35 and FM1468 (On STP Directional Sign to N of SH35)
2	A	N28.53.68 W96.02.90	Intersection of FM1468 & CR 411
3	B	N28.51.93 W96.01.26	Intersection of Celanese Avenue A and FM3057
4	B	N28.54.13 W95.59.49	Intersection of FM2668 and entrance of Hale's Acres Subdivision
5	B	N28.56.28 W95.57.98	Riverside Park at Railroad Tracks
6	B	N28.56.40 W95.57.86	Intersection of FM2668 and SH60
7	B	N28.54.48 W95.57.35	SH60 at Live Oak Creek
8	C	N28.53.37 W95.55.54	Second 90 degree bend on Sims Lane (CR 177), east of SH60
9	C	N28.52.11 W95.56.85	Intersection of SH60 and CR 222
10	C	N28.52.25 W95.59.23	Intersection of FM3057 and FM2668
11	D	N28.49.32 W95.58.08	Intersection of FM2078 and FM2668
12	D	N28.50.12 W95.56.18	Intersection of FM521 and SH60 in Wadsworth
13	D	N28.49.41 W95.53.33	Intersection of CR 237 and CR 262
14	D	N28.48.87 W95.55.96	Intersection of FM521 and SH60 south of Wadsworth
15	E	N28.48.12 W95.57.85	Intersection of FM521 and FM2668
16	E	N28.47.30 W95.59.95	FM521 and Colorado River
17	F	N28.47.21 W96.01.39	FM521 at Kelly Lake
18	F	N28.46.12 W95.58.79	CR 239 and CR 242
19	F	N28.45.44 W95.56.72	Intersection of SH60 and CR 244
20	F	N28.45.48 W95.53.92	Intersection of CR 244 and CR 245
21	G	N28.42.65 W95.54.85	Bridge on CR 259, 2.6 miles east of SH60
22	G	N28.41.45 W95.58.09	Junction of SH60 and FM2031 in Matagorda
23	H	N28.41.03 W95.58.53	Intersection of Intracoastal Waterway and Colorado River at the barge traffic signal
24	H	N28.39.14 W96.01.50	Intracoastal Waterway and Old Colorado River at sunken barge
25	H	N28.44.06 W96.01.72	East end of CR 391
26	J	N28.44.04 W96.03.40	CR 391 at Bridge over Robbins Slough
27	J	N28.38.86 W96.02.50	Intracoastal Waterway at Rattlesnake Island Slough
28	K	N28.41.30 W96.07.18	CR 374 at Mad Island Hunting Lodge gate
29	K	N28.42.93 W96.05.95	Intersection of CR 390 and CR 384
30	L	N28.45.81 W96.02.20	Intersection of CR 383 and CR 381
31	L	N28.44.76 W96.06.03	Intersection of CR 384 and CR 385
32	L	N28.43.95 W96.07.65	Intersection of FM1095 and CR 391
33	L	N28.42.83 W96.08.36	Intersection of CR 371 and CR 378
34	L	N28.41.26 W96.08.26	Intersection of CR 378 and CR 374
35	L	N28.41.21 W96.09.74	Intersection of CR 372 and CR 365
36	M	N28.44.57 W96.12.59	Intersection of SH35 and FM2853 north of Palacios
37	M	N28.44.69 W96.11.63	90 degree bend in FM2853 and CR 305
38	M	N28.45.44 W96.11.63	Intersection of FM2853 and CR 323
39	M	N28.43.83 W96.09.98	Intersection of CR 366 and CR 364
40	M	N28.45.76 W96.07.61	Intersection of FM1095 and CR 380
41	M	N28.47.20 W96.05.17	Intersection of FM521 and CR 358
42	N	N28.47.08 W96.07.47	Intersection of FM521 and FM1095 at Tin Top
43	N	N28.47.06 W96.08.79	Intersection of FM521 and CR 364
44	N	N28.47.35 W96.10.54	Intersection of FM521 and CR 349
45	N	N28.48.70 W96.10.56	Intersection of CR 342 and CR 345
46	N	N28.47.34 W96.12.57	Intersection of SH35 and FM 521
47	P	N28.50.64 W96.12.58	Intersection of SH35 and CR 343
48	P	N28.52.12 W96.12.57	Intersection of SH35 and FM2853 at Blessing
49	P	N28.50.80 W96.09.27	Intersection of FM2853 and Tidewater Oaks Subdivision North of Harbor
50	P	N28.49.74 W96.08.70	FM2853 at Tres Palacios Oaks Subdivision at the Fire Station
51	N	N28.48.77 W96.09.01	Intersection of FM2853 and CR 342
52	P	N28.48.55 W96.07.36	Intersection of FM1095 and CR 357
53	P	N28.49.76 W96.07.46	Intersection of FM1095 and CR 356
54	Q	N28.49.61 W96.05.69	Intersection of CR 358 and CR 356
55	P	N28.50.78 W96.08.17	Intersection of FM1095 and CR 352
56	Q	N28.53.21 W96.08.40	Intersection of FM1095 and CR 411
57	Q	N28.53.04 W96.10.08	Intersection of FM459 and CR 432
58	Q	N28.53.06 W96.11.30	Intersection of SH71 and SH35
59	Q	N28.54.05 W96.08.48	Intersection of SH35 and FM1095
60	R	N28.56.22 W96.05.17	SH35 NE of Wilson Creek Bridge
61	R	N28.50.92 W96.04.36	Intersection of FM1468 and CR 358

C05

SCENARIO INFORMATION

Exercise Time:	11:45
Interval Since Release Started (hh:mm):	1:15
METEOROLGICAL DATA	
Ground Level Wind Velocity (mph):	6.40
Ground Level Direction (degrees):	163
Stability Class:	D-Neutral

Dose Rate at 3 ft mR/hr closed window

mile	A= 0 deg A mR/hr	B= 6 deg B mR/hr	C= 12 deg C mR/hr
0.5	1164.4	406.2	46.0
1.0	456.7	132.0	9.5
2.0	194.2	48.0	3.3
5.0	61.0	11.4	0.8
7.5	25.5	4.1	0.3
10.0	5.1	0.7	AS READ

Dose Rate at 3 ft mR/hr open window

mile	A= 0 deg A mR/hr	B= 6 deg B mR/hr	C= 12 deg C mR/hr
0.5	2328.8	812.3	92.0
1.0	913.3	264.1	19.0
2.0	388.4	96.0	6.5
5.0	122.0	22.8	1.6
7.5	51.0	8.2	0.6
10.0	10.2	1.3	0.1

Dose Rate at 6 in. mR/hr closed window

mile	A mR/hr	B mR/hr	C mR/hr
0.5	1606.4	560.3	63.5
1.0	625.4	180.8	13.0
2.0	246.9	61.0	4.1
5.0	71.4	13.4	1.0
7.5	27.3	4.4	0.3
10.0	5.4	0.7	0.1

Dose Rate at 6 in. mR/hr open window

mile	A mR/hr	B mR/hr	C mR/hr
0.5	1920.9	670.0	75.9
1.0	745.6	215.6	15.5
2.0	284.4	70.3	4.8
5.0	78.9	14.8	1.1
7.5	28.5	4.6	0.3
10.0	5.6	0.7	0.1

Ground Deposition: Ludlum #44-40 Probe (10% eff.) (cpm)

mile	A cpm	B cpm	C cpm
0.5	2,828,479	987,938	111,396
1.0	1,080,179	312,052	32,335
2.0	337,231	83,540	4,683
5.0	66,814	12,329	385
7.5	11,193	1,721	AS READ
10.0	1,781	221	AS READ

Swipe Measurement: Ludlum #44-40 Probe (10% eff.) (cpm)

mile	A cpm	B cpm	C cpm
0.5	########	4,939,682	556,977
1.0	5,400,887	1,560,256	161,674
2.0	1,686,153	417,698	23,417
5.0	334,071	61,644	1,924
7.5	55,966	8,607	188
10.0	8,903	1,104	AS READ

Particulate Measurements: Ludlum #44-40 Probe for 10 cu. Ft. Air Sample (10% eff.) (cpm)

mile	A cpm	B cpm	C cpm
0.5	463,210	161,791	18,243
1.0	176,897	51,104	5,295
2.0	75,034	18,588	1,042
5.0	24,055	4,439	139
7.5	8,994	1,383	AS READ
10.0	1,859	231	AS READ

Iodine Measurement: Ludlum #44-40 Probe for 10 cu. Ft. Air Sample (0.49% eff.) (cpm)

mile	A cpm	B cpm	C cpm
0.5	286,002	99,895	3,934
1.0	109,222	31,553	945
2.0	47,328	11,724	163
5.0	15,448	2,850	AS READ
7.5	6,043	929	AS READ
10.0	1,281	159	AS READ

SCENARIO INFORMATION

Exercise Time:	12:00
Interval Since Release Started (hh:mm):	1:30
METEOROLGICAL DATA	
Ground Level Wind Velocity (mph):	6.90
Ground Level Direction (degrees):	166
Stability Class:	D-Neutral

Dose Rate at 3 ft mR/hr closed window

mile	A= 0 deg A mR/hr	B= 6 deg B mR/hr	C= 12 deg C mR/hr
0.5	927.9	323.7	36.7
1.0	359.2	103.9	7.5
2.0	171.7	42.4	2.9
5.0	49.7	9.3	0.7
7.5	37.1	6.0	0.4
10.0	16.3	2.1	0.2

Dose Rate at 3 ft mR/hr open window

mile	A= 0 deg A mR/hr	B= 6 deg B mR/hr	C= 12 deg C mR/hr
0.5	1855.9	647.4	73.3
1.0	718.4	207.7	15.0
2.0	343.4	84.9	5.8
5.0	99.5	18.6	1.3
7.5	74.2	11.9	0.8
10.0	32.6	4.2	0.3

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Dose Rate at 6 in. mR/hr closed window

mile	A mR/hr	B mR/hr	C mR/hr
0.5	1606.4	560.3	63.5
1.0	547.2	158.2	11.4
2.0	233.1	57.6	3.9
5.0	62.7	11.7	0.8
7.5	40.8	6.6	0.5
10.0	17.4	2.3	0.2

Dose Rate at 6 in. mR/hr open window

mile	A mR/hr	B mR/hr	C mR/hr
0.5	1770.7	617.7	70.0
1.0	681.1	196.9	14.2
2.0	276.8	68.4	4.6
5.0	72.0	13.5	1.0
7.5	43.5	7.0	0.5
10.0	18.2	2.4	0.2

Ground Deposition: Ludlum #44-40 Probe (10% eff.) (cpm)

mile	A cpm	B cpm	C cpm
0.5	3,151,197	1,100,657	124,105
1.0	1,203,423	347,656	36,024
2.0	392,852	97,318	5,456
5.0	83,124	15,338	479
7.5	23,943	3,682	AS READ
10.0	7,165	889	AS READ

Swipe Measurement: Ludlum #44-40 Probe (10% eff.) (cpm)

mile	A cpm	B cpm	C cpm
0.5	########	5,503,283	620,526
1.0	6,017,110	1,738,276	180,120
2.0	1,964,260	486,591	27,279
5.0	415,617	76,691	2,393
7.5	119,714	18,410	401
10.0	35,827	4,444	AS READ

Particulate Measurements: Ludlum #44-40 Probe for 10 cu. Ft. Air Sample (10% eff.) (cpm)

mile	A cpm	B cpm	C cpm
0.5	378,790	132,305	14,918
1.0	144,657	41,790	4,330
2.0	64,336	15,937	893
5.0	18,495	3,413	AS READ
7.5	13,887	2,136	AS READ
10.0	5,757	714	AS READ

Iodine Measurement: Ludlum #44-40 Probe for 10 cu. Ft. Air Sample (0.49% eff.) (cpm)

mile	A cpm	B cpm	C cpm
0.5	230,208	80,408	9,066
1.0	87,915	25,398	2,632
2.0	39,723	9,840	552
5.0	11,666	2,153	AS READ
7.5	9,148	1,407	AS READ
10.0	3,869	480	AS READ

SCENARIO INFORMATION

Exercise Time:	12:15
Interval Since Release Started (hh:mm):	1:45

METEOROLGICAL DATA

Ground Level Wind Velocity (mph):	6.50
Ground Level Direction (degrees):	164
Stability Class:	D-Neutral

Dose Rate at 3 ft mR/hr closed window

mile	A= 0 deg A mR/hr	B= 6 deg B mR/hr	C= 12 deg C mR/hr
0.5	738.9	257.7	29.2
1.0	288.4	83.4	6.0
2.0	133.7	33.1	2.2
5.0	44.4	8.3	0.6
7.5	32.6	5.2	0.4
10.0	23.7	3.1	0.2

Dose Rate at 3 ft mR/hr open window

mile	A= 0 deg A mR/hr	B= 6 deg B mR/hr	C= 12 deg C mR/hr
0.5	1477.8	515.5	58.4
1.0	576.8	166.8	12.0
2.0	267.4	66.1	4.5
5.0	88.7	16.6	1.2
7.5	65.2	10.5	0.7
10.0	47.4	6.1	0.5

Dose Rate at 6 in. mR/hr closed window

mile	A mR/hr	B mR/hr	C mR/hr
0.5	1269.3	442.8	50.1
1.0	491.0	142.0	10.2
2.0	202.1	50.0	3.4
5.0	59.5	11.1	0.8
7.5	38.1	6.1	0.4
10.0	26.1	3.4	0.2

Dose Rate at 6 in. mR/hr open window

mile	A mR/hr	B mR/hr	C mR/hr
0.5	1646.8	574.4	65.1
1.0	635.1	183.6	13.2
2.0	250.8	62.0	4.2
5.0	70.3	13.2	0.9
7.5	42.0	6.8	0.5
10.0	27.8	3.6	0.3

Ground Deposition: Ludlum #44-40 Probe (10% eff.) (cpm)

mile	A cpm	B cpm	C cpm
0.5	3,394,591	1,185,671	133,691
1.0	1,296,373	374,508	38,806
2.0	437,675	108,422	6,078
5.0	96,833	17,868	558
7.5	35,357	5,437	AS READ
10.0	15,327	1,901	AS READ

Swipe Measurement: Ludlum #44-40 Probe (10% eff.) (cpm)

mile	A cpm	B cpm	C cpm
0.5	########	5,928,349	668,455
1.0	6,481,864	1,872,538	194,032
2.0	2,188,375	542,109	30,392
5.0	484,167	89,340	2,788
7.5	176,783	27,186	592
10.0	76,635	9,505	AS READ

Particulate Measurements: Ludlum #44-40 Probe for 10 cu. Ft. Air Sample (10% eff.) (cpm)

mile	A cpm	B cpm	C cpm
0.5	290,542	101,481	11,443
1.0	110,956	32,054	3,321
2.0	52,611	13,033	731
5.0	15,858	2,926	AS READ
7.5	12,729	1,958	AS READ
10.0	8,890	1,103	AS READ

Iodine Measurement: Ludlum #44-40 Probe for 10 cu. Ft. Air Sample (0.49% eff.) (cpm)

mile	A cpm	B cpm	C cpm
0.5	173,384	60,560	6,828
1.0	66,214	19,129	1,982
2.0	31,974	7,921	444
5.0	9,791	1,807	AS READ
7.5	8,175	1,257	AS READ
10.0	5,856	726	AS READ

SCENARIO INFORMATION

Exercise Time:	12:30
Interval Since Release Started (hh:mm):	2:00
METEOROLGICAL DATA	
Ground Level Wind Velocity (mph):	7.70
Ground Level Direction (degrees):	166
Stability Class:	D-Neutral

Dose Rate at 3 ft mR/hr closed window

mile	A= 0 deg A mR/hr	B= 6 deg B mR/hr	C= 12 deg C mR/hr
0.5	590.7	206.1	23.3
1.0	224.8	65.0	4.7
2.0	107.2	26.5	1.8
5.0	33.9	6.3	0.5
7.5	27.0	4.3	0.3
10.0	21.0	2.7	0.2

Dose Rate at 3 ft mR/hr open window

mile	A= 0 deg A mR/hr	B= 6 deg B mR/hr	C= 12 deg C mR/hr
0.5	1181.5	412.1	46.7
1.0	449.5	130.0	9.4
2.0	214.5	53.0	3.6
5.0	67.7	12.7	0.9
7.5	54.0	8.7	0.6
10.0	42.0	5.4	0.4

Dose Rate at 6 in. mR/hr closed window

mile	A mR/hr	B mR/hr	C mR/hr
0.5	1151.7	401.7	45.5
1.0	439.0	126.9	9.1
2.0	180.9	44.7	3.0
5.0	50.7	9.5	0.7
7.5	33.9	5.5	0.4
10.0	24.6	3.2	0.2

Dose Rate at 6 in. mR/hr open window

mile	A mR/hr	B mR/hr	C mR/hr
0.5	1551.0	541.0	61.3
1.0	591.5	171.0	12.3
2.0	233.3	57.7	3.9
5.0	62.7	11.7	0.8
7.5	38.7	6.2	0.4
10.0	27.1	3.5	0.3

Ground Deposition: Ludlum #44-40 Probe (10% eff.) (cpm)

mile	A cpm	B cpm	C cpm
0.5	3,591,763	1,254,539	141,456
1.0	1,371,670	396,260	41,060
2.0	471,756	116,864	6,552
5.0	107,974	19,924	622
7.5	44,067	6,777	148
10.0	22,698	2,815	AS READ

Swipe Measurement: Ludlum #44-40 Probe (10% eff.) (cpm)

mile	A cpm	B cpm	C cpm
0.5	########	6,270,299	707,012
1.0	6,855,740	1,980,547	205,224
2.0	2,357,403	583,981	32,739
5.0	539,408	99,534	3,106
7.5	219,936	33,822	737
10.0	113,168	14,036	201

Particulate Measurements: Ludlum #44-40 Probe for 10 cu. Ft. Air Sample (10% eff.) (cpm)

mile	A cpm	B cpm	C cpm
0.5	237,408	82,922	6,828
1.0	90,665	26,192	1,982
2.0	40,354	9,997	444
5.0	12,968	2,393	AS READ
7.5	9,787	1,505	AS READ
10.0	8,149	1,011	AS READ

Iodine Measurement: Ludlum #44-40 Probe for 10 cu. Ft. Air Sample (0.49% eff.) (cpm)

mile	A cpm	B cpm	C cpm
0.5	139,301	48,655	5,486
1.0	53,198	15,368	1,592
2.0	24,082	5,966	334
5.0	7,881	1,454	AS READ
7.5	6,173	949	AS READ
10.0	5,233	649	AS READ

SCENARIO INFORMATION

Exercise Time:	12:45
Interval Since Release Started (hh:mm):	2:15

METEOROLGICAL DATA

Ground Level Wind Velocity (mph):	6.80
Ground Level Direction (degrees):	165
Stability Class:	D-Neutral

Dose Rate at 3 ft mR/hr closed window

mile	A= 0 deg A mR/hr	B= 6 deg B mR/hr	C= 12 deg C mR/hr
0.5	569.9	198.8	22.5
1.0	220.9	63.9	4.6
2.0	82.5	20.4	1.4
5.0	27.2	5.1	0.4
7.5	23.3	3.8	0.3
10.0	17.3	2.2	0.2

Dose Rate at 3 ft mR/hr open window

mile	A= 0 deg A mR/hr	B= 6 deg B mR/hr	C= 12 deg C mR/hr
0.5	1139.7	397.6	45.0
1.0	441.7	127.7	9.2
2.0	164.9	40.8	2.8
5.0	54.5	10.2	0.7
7.5	46.6	7.5	0.5
10.0	34.5	4.5	0.3

Dose Rate at 6 in. mR/hr closed window

mile	A mR/hr	B mR/hr	C mR/hr
0.5	1159.1	404.3	45.8
1.0	445.9	128.9	9.3
2.0	160.4	39.7	2.7
5.0	45.4	8.5	0.6
7.5	31.3	5.0	0.3
10.0	21.7	2.8	0.2

Dose Rate at 6 in. mR/hr open window

mile	A mR/hr	B mR/hr	C mR/hr
0.5	1578.4	550.6	62.4
1.0	606.0	175.2	12.6
2.0	215.8	53.4	3.6
5.0	58.3	10.9	0.8
7.5	37.0	6.0	0.4
10.0	24.8	3.2	0.2

Ground Deposition: Ludlum #44-40 Probe (10% eff.) (cpm)

mile	A cpm	B cpm	C cpm
0.5	3,772,231	1,317,573	148,564
1.0	1,440,602	416,174	43,124
2.0	498,868	123,581	6,928
5.0	116,285	21,457	670
7.5	51,309	7,890	172
10.0	28,210	3,499	AS READ

Swipe Measurement: Ludlum #44-40 Probe (10% eff.) (cpm)

mile	A cpm	B cpm	C cpm
0.5	########	6,585,632	742,567
1.0	7,200,515	2,080,149	215,545
2.0	2,493,378	617,666	34,628
5.0	581,072	107,222	3,346
7.5	256,211	39,401	859
10.0	140,792	17,463	250

Particulate Measurements: Ludlum #44-40 Probe for 10 cu. Ft. Air Sample (10% eff.) (cpm)

mile	A cpm	B cpm	C cpm
0.5	222,553	77,734	8,765
1.0	84,991	24,553	2,544
2.0	32,974	8,168	458
5.0	9,947	1,835	AS READ
7.5	8,392	1,290	AS READ
10.0	6,265	777	AS READ

Iodine Measurement: Ludlum #44-40 Probe for 10 cu. Ft. Air Sample (0.49% eff.) (cpm)

mile	A cpm	B cpm	C cpm
0.5	128,280	44,806	5,052
1.0	48,990	14,153	1,466
2.0	19,348	4,793	269
5.0	5,936	1,095	AS READ
7.5	5,181	797	AS READ
10.0	3,952	490	AS READ

SCENARIO INFORMATION

Exercise Time:	13:00
Interval Since Release Started (hh:mm):	2:30
METEOROLGICAL DATA	
Ground Level Wind Velocity (mph):	5.70
Ground Level Direction (degrees):	169
Stability Class:	D-Neutral

Dose Rate at 3 ft mR/hr closed window (A= 0 deg B= 6 deg C= 12 deg)

mile	A mR/hr	B mR/hr	C mR/hr
0.5	550.2	191.9	21.7
1.0	218.7	63.2	4.6
2.0	81.6	20.2	1.4
5.0	20.5	3.8	0.3
7.5	18.6	3.0	0.2
10.0	14.5	1.9	0.1

Dose Rate at 3 ft mR/hr open window (A= 0 deg B= 6 deg C= 12 deg)

mile	A mR/hr	B mR/hr	C mR/hr
0.5	1100.4	383.9	43.5
1.0	437.4	126.5	9.1
2.0	163.2	40.3	2.7
5.0	41.1	7.7	0.5
7.5	37.1	6.0	0.4
10.0	29.0	3.7	0.3

Dose Rate at 6 in. mR/hr closed window

mile	A mR/hr	B mR/hr	C mR/hr
0.5	1165.0	406.4	46.0
1.0	453.4	131.1	9.4
2.0	163.4	40.4	2.7
5.0	39.7	7.4	0.5
7.5	27.5	4.4	0.3
10.0	19.6	2.5	0.2

Dose Rate at 6 in. mR/hr open window

mile	A mR/hr	B mR/hr	C mR/hr
0.5	1602.5	559.0	63.3
1.0	620.5	179.4	12.9
2.0	221.7	54.8	3.7
5.0	53.4	10.0	0.7
7.5	33.8	5.4	0.4
10.0	23.3	3.0	0.2

Ground Deposition: Ludlum #44-40 Probe (10% eff.) (cpm)

mile	A cpm	B cpm	C cpm
0.5	3,935,476	1,374,592	154,993
1.0	1,502,962	434,189	44,991
2.0	523,940	129,792	7,276
5.0	122,966	22,690	708
7.5	57,140	8,787	192
10.0	32,844	4,074	AS READ

Swipe Measurement: Ludlum #44-40 Probe (10% eff.) (cpm)

mile	A cpm	B cpm	C cpm
0.5	########	6,870,877	774,730
1.0	7,512,392	2,170,247	224,881
2.0	2,618,770	648,728	36,369
5.0	614,588	113,406	3,539
7.5	285,444	43,896	957
10.0	164,013	20,343	291

Particulate Measurements: Ludlum #44-40 Probe for 10 cu. Ft. Air Sample (10% eff.) (cpm)

mile	A cpm	B cpm	C cpm
0.5	204,254	71,342	8,044
1.0	78,004	22,534	2,335
2.0	30,911	7,657	429
5.0	8,128	1,500	AS READ
7.5	6,862	1,055	AS READ
10.0	5,372	666	AS READ

Iodine Measurement: Ludlum #44-40 Probe for 10 cu. Ft. Air Sample (0.49% eff.) (cpm)

mile	A cpm	B cpm	C cpm
0.5	115,896	40,480	4,564
1.0	44,260	12,786	1,325
2.0	17,817	4,414	247
5.0	4,769	880	AS READ
7.5	4,171	641	AS READ
10.0	3,317	411	AS READ

SCENARIO INFORMATION

Exercise Time:	13:15
Interval Since Release Started (hh:mm):	2:45
METEOROLGICAL DATA	
Ground Level Wind Velocity (mph):	6.90
Ground Level Direction (degrees):	167
Stability Class:	D-Neutral

Dose Rate at 3 ft mR/hr closed window

mile	A= 0 deg A mR/hr	B= 6 deg B mR/hr	C= 12 deg C mR/hr
0.5	491.9	171.6	19.4
1.0	190.2	55.0	4.0
2.0	82.6	20.4	1.4
5.0	20.8	3.9	0.3
7.5	14.8	2.4	0.2
10.0	11.6	1.5	0.1

Dose Rate at 3 ft mR/hr open window

mile	A= 0 deg A mR/hr	B= 6 deg B mR/hr	C= 12 deg C mR/hr
0.5	983.9	343.2	38.9
1.0	380.5	110.0	7.9
2.0	165.2	40.9	2.8
5.0	41.6	7.8	0.6
7.5	29.5	4.8	0.3
10.0	23.3	3.0	0.2

Dose Rate at 6 in. mR/hr closed window

mile	A mR/hr	B mR/hr	C mR/hr
0.5	1130.0	394.2	44.6
1.0	433.9	125.5	9.0
2.0	168.0	41.5	2.8
5.0	41.0	7.7	0.5
7.5	24.4	3.9	0.3
10.0	17.4	2.2	0.2

Dose Rate at 6 in. mR/hr open window

mile	A mR/hr	B mR/hr	C mR/hr
0.5	1584.1	552.6	62.6
1.0	607.3	175.6	12.7
2.0	228.8	56.6	3.8
5.0	55.3	10.4	0.7
7.5	31.2	5.0	0.3
10.0	21.4	2.8	0.2

Ground Deposition: Ludlum #44-40 Probe (10% eff.) (cpm)

mile	A cpm	B cpm	C cpm
0.5	4,084,429	1,426,619	160,859
1.0	1,559,826	450,616	46,693
2.0	546,625	135,411	7,591
5.0	129,147	23,831	744
7.5	61,537	9,463	206
10.0	36,577	4,537	AS READ

Swipe Measurement: Ludlum #44-40 Probe (10% eff.) (cpm)

mile	A cpm	B cpm	C cpm
0.5	########	7,131,372	804,103
1.0	7,797,209	2,252,527	233,407
2.0	2,732,198	676,826	37,945
5.0	645,496	119,109	3,717
7.5	307,491	47,286	1,031
10.0	182,727	22,664	324

Particulate Measurements: Ludlum #44-40 Probe for 10 cu. Ft. Air Sample (10% eff.) (cpm)

mile	A cpm	B cpm	C cpm
0.5	189,224	66,092	7,452
1.0	72,263	20,876	2,163
2.0	28,369	7,028	394
5.0	7,619	1,406	AS READ
7.5	5,264	809	AS READ
10.0	4,393	545	AS READ

Iodine Measurement: Ludlum #44-40 Probe for 10 cu. Ft. Air Sample (0.49% eff.) (cpm)

mile	A cpm	B cpm	C cpm
0.5	105,708	36,922	4,163
1.0	40,369	11,662	1,208
2.0	16,097	3,988	224
5.0	4,392	810	AS READ
7.5	3,141	483	AS READ
10.0	2,670	331	AS READ

SCENARIO INFORMATION

Exercise Time:	13:30
Interval Since Release Started (hh:mm):	3:00
METEOROLGICAL DATA	
Ground Level Wind Velocity (mph):	8.50
Ground Level Direction (degrees):	167
Stability Class:	D-Neutral

Dose Rate at 3 ft mR/hr closed window (A= 0 deg, B= 6 deg, C= 12 deg)

mile	A mR/hr	B mR/hr	C mR/hr
0.5	436.9	152.4	17.3
1.0	164.5	47.6	3.4
2.0	70.5	17.4	1.2
5.0	21.1	3.9	0.3
7.5	10.9	1.8	0.1
10.0	9.8	1.3	0.1

Dose Rate at 3 ft mR/hr open window (A= 0 deg, B= 6 deg, C= 12 deg)

mile	A mR/hr	B mR/hr	C mR/hr
0.5	873.9	304.8	34.5
1.0	329.1	95.2	6.9
2.0	141.1	34.9	2.4
5.0	42.1	7.9	0.6
7.5	21.9	3.5	0.2
10.0	19.5	2.5	0.2

Dose Rate at 6 in. mR/hr closed window

mile	A mR/hr	B mR/hr	C mR/hr
0.5	1095.8	382.2	43.3
1.0	416.1	120.3	8.7
2.0	159.2	39.4	2.7
5.0	42.1	7.9	0.6
7.5	21.1	3.4	0.2
10.0	15.9	2.1	0.2

Dose Rate at 6 in. mR/hr open window

mile	A mR/hr	B mR/hr	C mR/hr
0.5	1564.7	545.8	61.8
1.0	595.2	172.1	12.4
2.0	222.2	54.9	3.7
5.0	57.1	10.7	0.8
7.5	28.3	4.6	0.3
10.0	20.3	2.6	0.2

Ground Deposition: Ludlum #44-40 Probe (10% eff.) (cpm)

mile	A cpm	B cpm	C cpm
0.5	4,216,481	1,472,742	166,060
1.0	1,610,248	465,183	48,202
2.0	567,157	140,497	7,877
5.0	134,691	24,854	776
7.5	65,045	10,003	218
10.0	39,368	4,883	AS READ

Swipe Measurement: Ludlum #44-40 Probe (10% eff.) (cpm)

mile	A cpm	B cpm	C cpm
0.5	########	7,363,710	830,300
1.0	8,051,240	2,325,914	241,011
2.0	2,835,783	702,487	39,383
5.0	673,454	124,268	3,878
7.5	325,227	50,014	1,090
10.0	196,840	24,414	349

Particulate Measurements: Ludlum #44-40 Probe for 10 cu. Ft. Air Sample (10% eff.) (cpm)

mile	A cpm	B cpm	C cpm
0.5	171,486	59,897	6,754
1.0	65,489	18,919	1,960
2.0	26,282	6,511	365
5.0	6,993	1,290	AS READ
7.5	4,301	661	AS READ
10.0	3,370	418	AS READ

Iodine Measurement: Ludlum #44-40 Probe for 10 cu. Ft. Air Sample (0.49% eff.) (cpm)

mile	A cpm	B cpm	C cpm
0.5	94,149	32,885	3,708
1.0	35,955	10,387	1,076
2.0	14,682	3,637	204
5.0	3,968	732	AS READ
7.5	2,524	388	AS READ
10.0	2,011	249	AS READ

SCENARIO INFORMATION

Exercise Time:	13:45
Interval Since Release Started (hh:mm):	3:15
METEOROLGICAL DATA	
Ground Level Wind Velocity (mph):	6.00
Ground Level Direction (degrees):	173
Stability Class:	D-Neutral

Dose Rate at 3 ft mR/hr closed window

mile	A= 0 deg A mR/hr	B= 6 deg B mR/hr	C= 12 deg C mR/hr
0.5	188.0	65.6	7.4
1.0	71.8	20.8	1.5
2.0	59.4	14.7	1.0
5.0	18.3	3.4	0.2
7.5	11.1	1.8	0.1
10.0	6.9	0.9	0.1

Dose Rate at 3 ft mR/hr open window

mile	A= 0 deg A mR/hr	B= 6 deg B mR/hr	C= 12 deg C mR/hr
0.5	376.1	131.2	14.9
1.0	143.6	41.5	3.0
2.0	118.8	29.4	2.0
5.0	36.6	6.9	0.5
7.5	22.2	3.6	0.2
10.0	13.8	1.8	0.1

Dose Rate at 6 in. mR/hr closed window

mile	A mR/hr	B mR/hr	C mR/hr
0.5	840.3	293.1	33.2
1.0	320.9	92.8	6.7
2.0	150.9	37.3	2.5
5.0	40.1	7.5	0.5
7.5	21.8	3.5	0.2
10.0	13.4	1.7	0.1

Dose Rate at 6 in. mR/hr open window

mile	A mR/hr	B mR/hr	C mR/hr
0.5	1304.5	455.0	51.5
1.0	498.2	144.0	10.4
2.0	216.0	53.4	3.6
5.0	55.7	10.4	0.7
7.5	29.3	4.7	0.3
10.0	18.0	2.3	0.2

Ground Deposition: Ludlum #44-40 Probe (10% eff.) (cpm)

mile	A cpm	B cpm	C cpm
0.5	4,174,316	1,458,015	164,399
1.0	1,594,146	460,531	47,720
2.0	585,635	145,075	8,133
5.0	139,797	25,796	805
7.5	68,317	10,506	229
10.0	41,639	5,165	AS READ

Swipe Measurement: Ludlum #44-40 Probe (10% eff.) (cpm)

mile	A cpm	B cpm	C cpm
0.5	########	7,290,073	821,997
1.0	7,970,728	2,302,655	238,601
2.0	2,928,172	725,374	40,666
5.0	698,987	128,980	4,025
7.5	341,583	52,529	1,145
10.0	208,194	25,823	369

Particulate Measurements: Ludlum #44-40 Probe for 10 cu. Ft. Air Sample (10% eff.) (cpm)

mile	A cpm	B cpm	C cpm
0.5	AS READ	AS READ	AS READ
1.0	AS READ	AS READ	AS READ
2.0	23,818	5,900	331
5.0	6,478	1,195	AS READ
7.5	4,032	620	AS READ
10.0	2,753	341	AS READ

Iodine Measurement: Ludlum #44-40 Probe for 10 cu. Ft. Air Sample (0.49% eff.) (cpm)

mile	A cpm	B cpm	C cpm
0.5	AS READ	AS READ	AS READ
1.0	AS READ	AS READ	AS READ
2.0	13,077	3,239	182
5.0	3,619	668	AS READ
7.5	2,324	357	AS READ
10.0	1,616	200	AS READ

SCENARIO INFORMATION

Exercise Time:	14:00
Interval Since Release Started (hh:mm):	3:30
METEOROLGICAL DATA	
Ground Level Wind Velocity (mph):	7.00
Ground Level Direction (degrees):	174
Stability Class:	C-Slightly Unstable

Dose Rate at 3 ft mR/hr closed window (A= 0 deg, B= 6 deg, C= 12 deg)

mile	A mR/hr	B mR/hr	C mR/hr
0.5	186.2	64.9	7.4
1.0	71.1	20.6	1.5
2.0	26.1	6.5	0.4
5.0	15.5	2.9	0.2
7.5	11.2	1.8	0.1
10.0	7.0	0.9	0.1

Dose Rate at 3 ft mR/hr open window (A= 0 deg, B= 6 deg, C= 12 deg)

mile	A mR/hr	B mR/hr	C mR/hr
0.5	372.3	129.9	14.7
1.0	142.2	41.1	3.0
2.0	52.2	12.9	0.9
5.0	31.0	5.8	0.4
7.5	22.4	3.6	0.2
10.0	13.9	1.8	0.1

Dose Rate at 6 in. mR/hr closed window

mile	A mR/hr	B mR/hr	C mR/hr
0.5	831.9	290.2	32.9
1.0	317.7	91.9	6.6
2.0	116.7	28.9	2.0
5.0	38.1	7.1	0.5
7.5	22.3	3.6	0.2
10.0	13.8	1.8	0.1

Dose Rate at 6 in. mR/hr open window

mile	A mR/hr	B mR/hr	C mR/hr
0.5	1291.4	450.5	51.0
1.0	493.2	142.6	10.3
2.0	181.2	44.8	3.0
5.0	54.1	10.1	0.7
7.5	30.3	4.9	0.3
10.0	18.7	2.4	0.2

Ground Deposition: Ludlum #44-40 Probe (10% eff.) (cpm)

mile	A cpm	B cpm	C cpm
0.5	4,132,573	1,443,434	162,755
1.0	1,578,204	455,926	47,243
2.0	579,778	143,624	8,052
5.0	144,381	26,642	831
7.5	71,301	10,965	239
10.0	43,749	5,426	AS READ

Swipe Measurement: Ludlum #44-40 Probe (10% eff.) (cpm)

mile	A cpm	B cpm	C cpm
0.5	########	7,217,172	813,777
1.0	7,891,021	2,279,628	236,215
2.0	2,898,891	718,120	40,260
5.0	721,760	133,182	4,156
7.5	356,378	54,804	1,194
10.0	218,664	27,121	388

Particulate Measurements: Ludlum #44-40 Probe for 10 cu. Ft. Air Sample (10% eff.) (cpm)

mile	A cpm	B cpm	C cpm
0.5	AS READ	AS READ	AS READ
1.0	AS READ	AS READ	AS READ
2.0	AS READ	AS READ	AS READ
5.0	5,871	1,083	AS READ
7.5	3,700	569	AS READ
10.0	2,581	320	AS READ

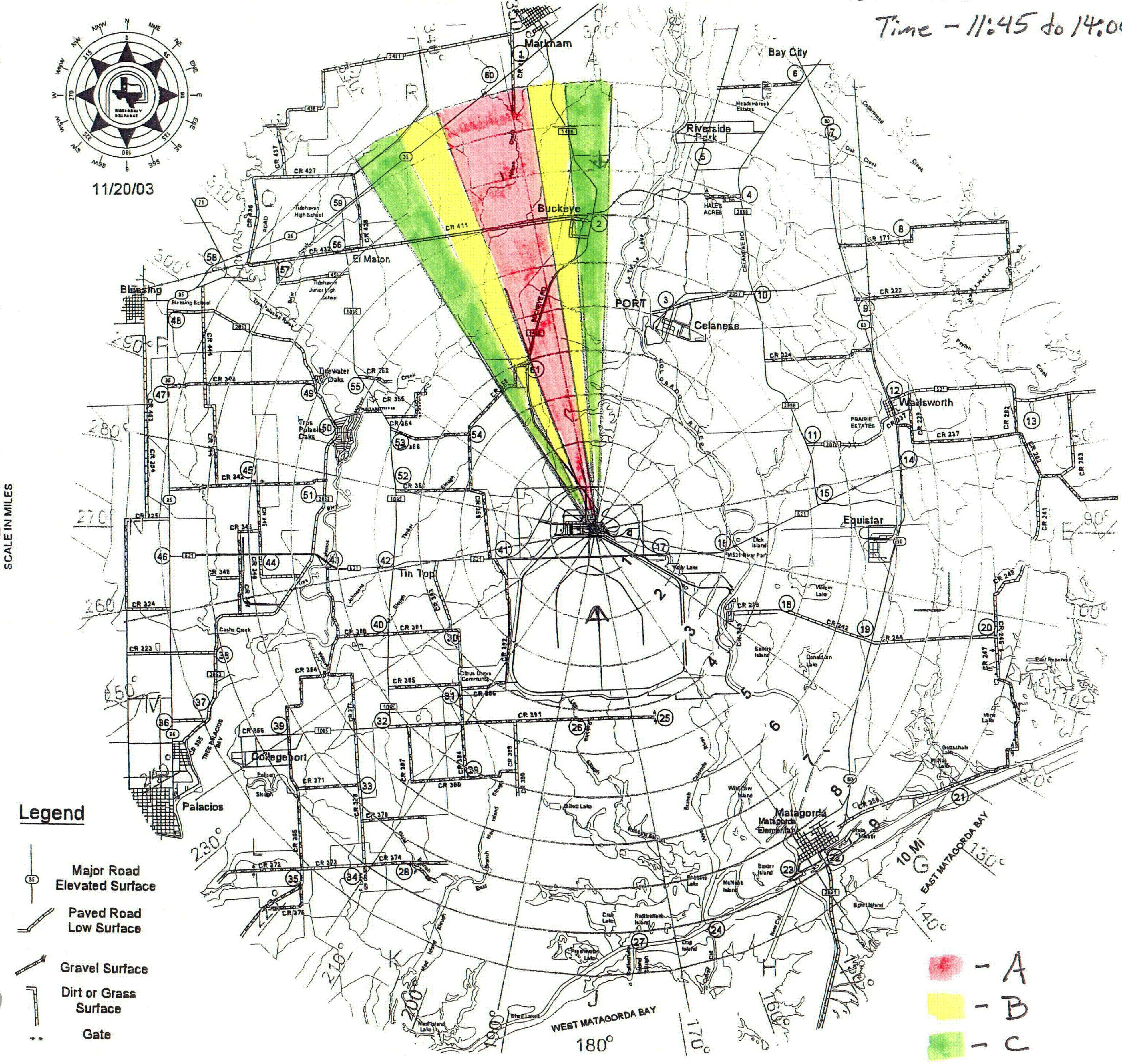
Iodine Measurement: Ludlum #44-40 Probe for 10 cu. Ft. Air Sample (0.49% eff.) (cpm)

mile	A cpm	B cpm	C cpm
0.5	AS READ	AS READ	AS READ
1.0	AS READ	AS READ	AS READ
2.0	AS READ	AS READ	AS READ
5.0	3,223	595	AS READ
7.5	2,100	323	AS READ
10.0	1,488	185	AS READ

Time - 11:45 to 14:00

SOUTH TEXAS PROJECT ELECTRIC GENERATING STATION 10-MILE EPZ

Time - 11:45 to 14:00



PRE-SELECTED MONITORING POINTS

Monitoring Point	Map Sector	Coordinates	Location
1	A	N28.57.14 W96.03.73	Intersection of SH35 and FM1468 (On STP Directional Sign to N of SH35)
2	A	N28.53.68 W96.02.90	Intersection of FM1468 & CR 411
3	B	N28.51.93 W96.01.26	Intersection of Celanese Avenue A and FM3057
4	B	N28.54.13 W95.59.49	Intersection of FM2668 and entrance of Hale's Acres Subdivision
5	B	N28.56.28 W95.57.98	Riverside Park at Railroad Tracks
6	B	N28.56.40 W95.57.86	Intersection of FM2668 and SH60
7	B	N28.54.48 W95.57.35	SH60 at Live Oak Creek
8	C	N28.53.37 W95.55.54	Second 90 degree bend on Sims Lane (CR 177), east of SH60
9	C	N28.52.11 W95.56.85	Intersection of SH60 and CR 222
10	C	N28.52.25 W95.59.23	Intersection of FM3057 and FM2668
11	D	N28.49.32 W95.58.08	Intersection of FM2078 and FM2668
12	D	N28.50.12 W95.56.18	Intersection of FM521 and SH60 in Wadsworth
13	D	N28.49.41 W95.53,33	Intersection of CR 237 and CR 262
14	D	N28.48.87 W95.55.96	Intersection of FM521 and SH60 south of Wadsworth
15	E	N28.48.12 W95.57.85	Intersection of FM521 and FM2668
16	E	N28.47.30 W95.59.95	FM521 and Colorado River
17	F	N28.47.21 W96.01.39	FM521 at Kelly Lake
18	F	N28.46.12 W95.58.79	CR 239 and CR 242
19	F	N28.45.44 W95.56.72	Intersection of SH60 and CR 244
20	F	N28.45.48 W95.53.92	Intersection of CR 244 and CR 245
21	G	N28.42.65 W95.54.85	Bridge on CR 259, 2.6 miles east of SH60
22	G	N28.41.45 W95.58.09	Junction of SH60 and FM2031 in Matagorda
23	H	N28.41.03 W95.58.53	Intersection of Intracoastal Waterway and Colorado River at the barge traffic signal
24	H	N28.39.14 W96.01.50	Intracoastal Waterway and Old Colorado River at sunken barge
25	H	N28.44.06 W96.01.72	East end of CR 391
26	J	N28.44.04 W96.03.40	CR 391 at Bridge over Robbins Slough
27	J	N28.38.86 W96.02.50	Intracoastal Waterway at Rattlesnake Island Slough
28	K	N28.41.30 W96.07.18	CR 374 at Mad Island Hunting Lodge gate
29	K	N28.42.93 W96.05.95	Intersection of CR 390 and CR 384
30	L	N28.45.81 W96.02.20	Intersection of CR 383 and CR 381
31	L	N28.44.76 W96.06.03	Intersection of CR 384 and CR 385
32	L	N28.43.95 W96.07.65	Intersection of FM1095 and CR 391
33	L	N28.42.83 W96.08.36	Intersection of CR 371 and CR 378
34	L	N28.41.26 W96.08.26	Intersection of CR 378 and CR 374
35	L	N28.41.21 W96.09.74	Intersection of CR 372 and CR 365
36	M	N28.44.57 W96.12.59	Intersection of SH35 and FM2853 north of Palacios
37	M	N28.44.69 W96.11.63	90 degree bend in FM2853 and CR 305
38	M	N28.45.44 W96.11.63	Intersection of FM2853 and CR 323
39	M	N28.43.83 W96.09.98	Intersection of CR 366 and CR 364
40	M	N28.45.76 W96.07.61	Intersection of FM1095 and CR 380
41	M	N28.47.20 W96.05.17	Intersection of FM521 and CR 358
42	N	N28.47.08 W96.07.47	Intersection of FM521 and FM1095 at Tin Top
43	N	N28.47.06 W96.08.79	Intersection of FM521 and CR 364
44	N	N28.47.35 W96.10.54	Intersection of FM521 and CR 349
45	N	N28.48.70 W96.10.56	Intersection of CR 342 and CR 345
46	N	N28.47.34 W96.12.57	Intersection of SH35 and FM 521
47	P	N28.50.64 W96.12.58	Intersection of SH35 and CR 343
48	P	N28.52.12 W96.12.57	Intersection of SH35 and FM2853 at Blessing
49	P	N28.50.80 W96.09.27	Intersection of FM2853 and Tidewater Oaks Subdivision North of Harbor
50	P	N28.49.74 W96.08.70	FM2853 at Tres Palacios Oaks Subdivision at the Fire Station
51	N	N28.48.77 W96.09.01	Intersection of FM2853 and CR 342
52	P	N28.48.55 W96.07.36	Intersection of FM1095 and CR 357
53	P	N28.49.76 W96.07.46	Intersection of FM1095 and CR 356
54	Q	N28.49.61 W96.05.69	Intersection of CR 358 and CR 356
55	P	N28.50.78 W96.08.17	Intersection of FM1095 and CR 352
56	Q	N28.53.21 W96.08.40	Intersection of FM1095 and CR 411
57	Q	N28.53.04 W96.10.08	Intersection of FM459 and CR 432
58	Q	N28.53.06 W96.11.30	Intersection of SH71 and SH35
59	Q	N28.54.05 W96.08.48	Intersection of SH35 and FM1095
60	R	N28.56.22 W96.05.17	SH35 NE of Wilson Creek Bridge
61	R	N28.50.92 W96.04.36	Intersection of FM1468 and CR 358

C06

SCENARIO INFORMATION

Exercise Time:	10:30
Interval Since Release Started (hh:mm):	0:00
METEOROLGICAL DATA	
Ground Level Wind Velocity (mph):	7.40
Ground Level Direction (degrees):	167
Stability Class:	D-Neutral

Dose Rate at 3 ft mR/hr closed window

mile	A= 0 deg A mR/hr	B= 6 deg B mR/hr	C= 12 deg C mR/hr
0.5	475.6	237.8	19.8
1.0	181.3	72.5	4.8
2.0	AS READ	AS READ	AS READ
5.0	AS READ	AS READ	AS READ
7.5	AS READ	AS READ	AS READ
10.0	AS READ	AS READ	AS READ

Dose Rate at 3 ft mR/hr open window

mile	A= 0 deg A mR/hr	B= 6 deg B mR/hr	C= 12 deg C mR/hr
0.5	679.4	339.7	28.3
1.0	259.0	103.6	6.9
2.0	AS READ	AS READ	AS READ
5.0	AS READ	AS READ	AS READ
7.5	AS READ	AS READ	AS READ
10.0	AS READ	AS READ	AS READ

Dose Rate at 6 in. mR/hr closed window

mile	A mR/hr	B mR/hr	C mR/hr
0.5	500.8	250.4	41.7
1.0	190.9	76.4	12.7
2.0	AS READ	AS READ	AS READ
5.0	AS READ	AS READ	AS READ
7.5	AS READ	AS READ	AS READ
10.0	AS READ	AS READ	AS READ

Dose Rate at 6 in. mR/hr open window

mile	A mR/hr	B mR/hr	C mR/hr
0.5	592.8	296.4	49.4
1.0	226.0	90.4	15.1
2.0	AS READ	AS READ	AS READ
5.0	AS READ	AS READ	AS READ
7.5	AS READ	AS READ	AS READ
10.0	AS READ	AS READ	AS READ

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Particulate Measurements: Ludlum #44-9 Probe for 10 cu. Ft. Air Sample (cpm)

mile	A cpm	B cpm	C cpm
0.5	298,165	130,053	17,126
1.0	113,867	47,111	5,690
2.0	AS READ	AS READ	AS READ
5.0	AS READ	AS READ	AS READ
7.5	AS READ	AS READ	AS READ
10.0	AS READ	AS READ	AS READ

Iodine Measurement: Ludlum #44-9 Probe for 10 cu. Ft. Air Sample (cpm)

mile	A cpm	B cpm	C cpm
0.5	1,826,532	796,695	104,914
1.0	697,541	288,595	34,857
2.0	AS READ	AS READ	AS READ
5.0	AS READ	AS READ	AS READ
7.5	AS READ	AS READ	AS READ
10.0	AS READ	AS READ	AS READ

SCENARIO INFORMATION

Exercise Time:	10:45
Interval Since Release Started (hh:mm):	0:15
METEOROLGICAL DATA	
Ground Level Wind Velocity (mph):	7.40
Ground Level Direction (degrees):	165
Stability Class:	D-Neutral

Dose Rate at 3 ft mR/hr closed window

mile	A= 0 deg A mR/hr	B= 6 deg B mR/hr	C= 12 deg C mR/hr
0.5	1402.6	701.3	58.4
1.0	535.1	214.0	14.3
2.0	67.2	16.8	0.7
5.0	AS READ	AS READ	AS READ
7.5	AS READ	AS READ	AS READ
10.0	AS READ	AS READ	AS READ

Dose Rate at 3 ft mR/hr open window

mile	A= 0 deg A mR/hr	B= 6 deg B mR/hr	C= 12 deg C mR/hr
0.5	2003.7	1001.9	83.5
1.0	764.4	305.8	20.4
2.0	95.9	24.0	1.0
5.0	AS READ	AS READ	AS READ
7.5	AS READ	AS READ	AS READ
10.0	AS READ	AS READ	AS READ

Dose Rate at 6 in. mR/hr closed window

mile	A mR/hr	B mR/hr	C mR/hr
0.5	1504.0	752.0	125.3
1.0	573.8	229.5	38.3
2.0	70.7	17.7	0.7
5.0	AS READ	AS READ	AS READ
7.5	AS READ	AS READ	AS READ
10.0	AS READ	AS READ	AS READ

Dose Rate at 6 in. mR/hr open window

mile	A mR/hr	B mR/hr	C mR/hr
0.5	1801.3	900.6	150.1
1.0	687.3	274.9	45.8
2.0	83.6	20.9	0.9
5.0	AS READ	AS READ	AS READ
7.5	AS READ	AS READ	AS READ
10.0	AS READ	AS READ	AS READ

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Particulate Measurements: Ludlum #44-9 Probe for 10 cu. Ft. Air Sample (cpm)

mile	A cpm	B cpm	C cpm
0.5	923,355	402,748	53,037
1.0	352,623	145,892	17,621
2.0	41,413	15,555	1,591
5.0	AS READ	AS READ	AS READ
7.5	AS READ	AS READ	AS READ
10.0	AS READ	AS READ	AS READ

Iodine Measurement: Ludlum #44-9 Probe for 10 cu. Ft. Air Sample (cpm)

mile	A cpm	B cpm	C cpm
0.5	5,514,239	2,405,195	316,733
1.0	2,105,854	871,260	105,233
2.0	253,690	95,286	9,749
5.0	AS READ	AS READ	AS READ
7.5	AS READ	AS READ	AS READ
10.0	AS READ	AS READ	AS READ

SCENARIO INFORMATION

Exercise Time:	11:00
Interval Since Release Started (hh:mm):	0:30

METEOROLGICAL DATA

Ground Level Wind Velocity (mph):	7.60
Ground Level Direction (degrees):	165
Stability Class:	D-Neutral

Dose Rate at 3 ft mR/hr closed window

mile	A= 0 deg A mR/hr	B= 6 deg B mR/hr	C= 12 deg C mR/hr
0.5	2053.3	1026.7	171.1
1.0	778.8	311.5	51.9
2.0	197.3	49.3	8.2
5.0	17.0	2.1	0.4
7.5	AS READ	AS READ	AS READ
10.0	AS READ	AS READ	AS READ

Dose Rate at 3 ft mR/hr open window

mile	A= 0 deg A mR/hr	B= 6 deg B mR/hr	C= 12 deg C mR/hr
0.5	2933.3	1466.6	244.4
1.0	1112.6	445.0	74.2
2.0	281.8	70.4	11.7
5.0	24.4	3.0	0.5
7.5	AS READ	AS READ	AS READ
10.0	AS READ	AS READ	AS READ

Dose Rate at 6 in. mR/hr closed window

mile	A mR/hr	B mR/hr	C mR/hr
0.5	2270.1	1135.1	189.2
1.0	861.6	344.7	57.4
2.0	211.3	52.8	2.2
5.0	17.9	2.2	AS READ
7.5	AS READ	AS READ	AS READ
10.0	AS READ	AS READ	AS READ

Dose Rate at 6 in. mR/hr open window

mile	A mR/hr	B mR/hr	C mR/hr
0.5	2770.8	1385.4	230.9
1.0	1052.1	420.8	70.1
2.0	253.0	63.2	2.6
5.0	21.2	2.6	0.1
7.5	AS READ	AS READ	AS READ
10.0	AS READ	AS READ	AS READ

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Particulate Measurements: Ludlum #44-9 Probe for 10 cu. Ft. Air Sample (cpm)

mile	A cpm	B cpm	C cpm
0.5	1,425,772	621,892	81,895
1.0	544,494	225,275	27,209
2.0	128,246	48,169	4,928
5.0	5,488	1,868	148
7.5	AS READ	AS READ	AS READ
10.0	AS READ	AS READ	AS READ

Iodine Measurement: Ludlum #44-9 Probe for 10 cu. Ft. Air Sample (cpm)

mile	A cpm	B cpm	C cpm
0.5	8,346,421	3,640,532	479,410
1.0	3,187,447	1,318,750	159,283
2.0	765,883	287,665	29,432
5.0	62,532	21,280	1,684
7.5	AS READ	AS READ	AS READ
10.0	AS READ	AS READ	AS READ

SCENARIO INFORMATION

Exercise Time:	11:15
Interval Since Release Started (hh:mm):	0:45
METEOROLGICAL DATA	
Ground Level Wind Velocity (mph):	7.80
Ground Level Direction (degrees):	165
Stability Class:	D-Neutral

Dose Rate at 3 ft mR/hr closed window

mile	A= 0 deg A mR/hr	B= 6 deg B mR/hr	C= 12 deg C mR/hr
0.5	1801.7	900.9	150.1
1.0	680.0	272.0	45.3
2.0	285.9	71.5	11.9
5.0	50.4	6.3	0.1
7.5	AS READ	AS READ	AS READ
10.0	AS READ	AS READ	AS READ

Dose Rate at 3 ft mR/hr open window

mile	A= 0 deg A mR/hr	B= 6 deg B mR/hr	C= 12 deg C mR/hr
0.5	2573.9	1286.9	214.5
1.0	971.4	388.5	64.8
2.0	408.4	102.1	17.0
5.0	71.9	9.0	1.5
7.5	AS READ	AS READ	AS READ
10.0	AS READ	AS READ	AS READ

Dose Rate at 6 in. mR/hr closed window

mile	A mR/hr	B mR/hr	C mR/hr
0.5	2121.9	1060.9	176.8
1.0	802.2	320.9	53.5
2.0	316.0	79.0	13.2
5.0	53.8	6.7	0.1
7.5	AS READ	AS READ	AS READ
10.0	AS READ	AS READ	AS READ

Dose Rate at 6 in. mR/hr open window

mile	A mR/hr	B mR/hr	C mR/hr
0.5	2685.5	1342.7	223.8
1.0	1016.3	406.5	67.8
2.0	385.6	96.4	16.1
5.0	40.2	5.0	0.1
7.5	AS READ	AS READ	AS READ
10.0	AS READ	AS READ	AS READ

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Particulate Measurements: Ludlum #44-9 Probe for 10 cu. Ft. Air Sample (cpm)

mile	A cpm	B cpm	C cpm
0.5	1,306,908	570,045	75,067
1.0	499,100	206,494	24,941
2.0	198,028	74,379	7,610
5.0	31,611	10,758	852
7.5	AS READ	AS READ	AS READ
10.0	AS READ	AS READ	AS READ

Iodine Measurement: Ludlum #44-9 Probe for 10 cu. Ft. Air Sample (cpm)

mile	A cpm	B cpm	C cpm
0.5	7,458,795	3,253,369	186,870
1.0	2,848,468	1,178,504	58,892
2.0	1,159,249	435,414	16,733
5.0	188,781	64,244	1,731
7.5	AS READ	AS READ	AS READ
10.0	AS READ	AS READ	AS READ

SCENARIO INFORMATION

Exercise Time:	11:30
Interval Since Release Started (hh:mm):	1:00
METEOROLGICAL DATA	
Ground Level Wind Velocity (mph):	6.90
Ground Level Direction (degrees):	165
Stability Class:	D-Neutral

Dose Rate at 3 ft mR/hr closed window

mile	A= 0 deg A mR/hr	B= 6 deg B mR/hr	C= 12 deg C mR/hr
0.5	1420.0	710.0	118.3
1.0	550.0	220.0	36.7
2.0	249.1	62.3	15.6
5.0	73.5	9.2	1.1
7.5	9.6	1.0	0.2
10.0	AS READ	AS READ	AS READ

Dose Rate at 3 ft mR/hr open window

mile	A= 0 deg A mR/hr	B= 6 deg B mR/hr	C= 12 deg C mR/hr
0.5	2028.6	1014.3	169.0
1.0	785.7	314.3	52.4
2.0	355.8	89.0	14.8
5.0	105.1	13.1	2.2
7.5	13.7	1.4	AS READ
10.0	AS READ	AS READ	AS READ

Dose Rate at 6 in. mR/hr closed window

mile	A mR/hr	B mR/hr	C mR/hr
0.5	1818.3	909.2	75.8
1.0	702.1	280.8	18.7
2.0	293.5	73.4	3.1
5.0	81.0	10.1	0.2
7.5	10.0	1.0	AS READ
10.0	AS READ	AS READ	AS READ

Dose Rate at 6 in. mR/hr open window

mile	A mR/hr	B mR/hr	C mR/hr
0.5	2402.1	1201.1	100.1
1.0	926.1	370.4	24.7
2.0	371.6	92.9	3.9
5.0	98.6	12.3	0.3
7.5	11.8	1.2	AS READ
10.0	AS READ	AS READ	AS READ

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Particulate Measurements: Ludlum #44-9 Probe for 10 cu. Ft. Air Sample (cpm)

mile	A cpm	B cpm	C cpm
0.5	1,004,834	438,287	57,717
1.0	383,740	158,766	19,176
2.0	181,519	68,178	6,976
5.0	48,812	16,611	1,315
7.5	2,904	939	63
10.0	AS READ	AS READ	AS READ

Iodine Measurement: Ludlum #44-9 Probe for 10 cu. Ft. Air Sample (cpm)

mile	A cpm	B cpm	C cpm
0.5	5,632,655	2,456,845	323,534
1.0	2,151,076	889,970	107,493
2.0	1,035,965	389,109	39,811
5.0	285,741	97,241	7,697
7.5	33,090	10,704	713
10.0	AS READ	AS READ	AS READ

SCENARIO INFORMATION

Exercise Time:	11:45
Interval Since Release Started (hh:mm):	1:15
METEOROLGICAL DATA	
Ground Level Wind Velocity (mph):	6.40
Ground Level Direction (degrees):	163
Stability Class:	D-Neutral

A= 0 deg B= 6 deg C= 12 deg

Dose Rate at 3 ft mR/hr closed window

mile	A mR/hr	B mR/hr	C mR/hr
0.5	1222.6	611.3	101.9
1.0	479.5	191.8	32.0
2.0	203.9	51.0	8.5
5.0	64.1	8.0	1.3
7.5	26.8	2.7	0.4
10.0	5.3	0.4	0.1

A= 0 deg B= 6 deg C= 12 deg

Dose Rate at 3 ft mR/hr open window

mile	A mR/hr	B mR/hr	C mR/hr
0.5	1746.6	873.3	145.6
1.0	685.0	274.0	45.7
2.0	291.3	72.8	12.1
5.0	91.5	11.4	1.9
7.5	38.3	3.8	0.6
10.0	7.6	0.6	0.1

Dose Rate at 6 in. mR/hr closed window

mile	A mR/hr	B mR/hr	C mR/hr
0.5	1686.7	843.3	140.6
1.0	656.7	262.7	43.8
2.0	259.2	64.8	10.8
5.0	75.0	9.4	1.6
7.5	28.6	2.9	0.5
10.0	5.6	0.4	AS READ

Dose Rate at 6 in. mR/hr open window

mile	A mR/hr	B mR/hr	C mR/hr
0.5	2305.1	1152.5	192.1
1.0	894.7	357.9	59.6
2.0	341.3	85.3	14.2
5.0	94.7	11.8	2.0
7.5	34.2	3.4	0.6
10.0	6.7	0.5	0.1

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Particulate Measurements: Ludlum #44-9 Probe for 10 cu. Ft. Air Sample (cpm)

mile	A cpm	B cpm	C cpm
0.5	861,571	375,799	49,488
1.0	329,029	136,130	16,442
2.0	139,563	52,420	5,363
5.0	44,742	15,226	1,205
7.5	8,994	2,909	194
10.0	1,859	572	AS READ

Iodine Measurement: Ludlum #44-9 Probe for 10 cu. Ft. Air Sample (cpm)

mile	A cpm	B cpm	C cpm
0.5	4,727,609	2,062,083	271,549
1.0	1,805,445	746,971	90,221
2.0	782,329	293,843	30,064
5.0	255,353	86,900	6,879
7.5	6,043	1,955	130
10.0	1,281	394	AS READ

SCENARIO INFORMATION

Exercise Time:	12:00
Interval Since Release Started (hh:mm):	1:30

METEOROLGICAL DATA

Ground Level Wind Velocity (mph):	6.90
Ground Level Direction (degrees):	166
Stability Class:	D-Neutral

Dose Rate at 3 ft mR/hr closed window

mile	A= 0 deg A mR/hr	B= 6 deg B mR/hr	C= 12 deg C mR/hr
0.5	974.3	487.2	81.2
1.0	377.2	150.9	25.1
2.0	180.3	45.1	7.5
5.0	52.2	6.5	1.1
7.5	38.9	3.9	0.6
10.0	17.1	1.3	0.2

Dose Rate at 3 ft mR/hr open window

mile	A= 0 deg A mR/hr	B= 6 deg B mR/hr	C= 12 deg C mR/hr
0.5	1391.9	696.0	116.0
1.0	538.8	215.5	35.9
2.0	257.5	64.4	10.7
5.0	74.6	9.3	1.6
7.5	55.6	5.6	0.9
10.0	24.5	1.9	0.3

Dose Rate at 6 in. mR/hr closed window

mile	A mR/hr	B mR/hr	C mR/hr
0.5	1491.3	745.7	124.3
1.0	574.6	229.8	38.3
2.0	244.7	61.2	10.2
5.0	65.9	8.2	1.4
7.5	42.9	4.3	0.7
10.0	18.3	1.4	0.2

Dose Rate at 6 in. mR/hr open window

mile	A mR/hr	B mR/hr	C mR/hr
0.5	2124.9	1062.4	177.1
1.0	817.3	326.9	54.5
2.0	332.1	83.0	13.8
5.0	86.4	10.8	1.8
7.5	52.2	5.2	0.9
10.0	21.9	1.7	0.3

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Particulate Measurements: Ludlum #44-9 Probe for 10 cu. Ft. Air Sample (cpm)

mile	A cpm	B cpm	C cpm
0.5	704,549	307,309	40,469
1.0	269,063	111,320	13,446
2.0	119,665	44,946	4,599
5.0	34,401	11,707	927
7.5	25,830	8,356	557
10.0	10,708	3,293	177

Iodine Measurement: Ludlum #44-9 Probe for 10 cu. Ft. Air Sample (cpm)

mile	A cpm	B cpm	C cpm
0.5	3,805,340	1,659,809	95,338
1.0	1,453,236	601,251	30,046
2.0	656,626	246,629	9,478
5.0	192,835	65,624	1,768
7.5	151,208	48,914	1,054
10.0	63,950	19,665	326

SCENARIO INFORMATION

Exercise Time:	12:15
Interval Since Release Started (hh:mm):	1:45
METEOROLGICAL DATA	
Ground Level Wind Velocity (mph):	6.50
Ground Level Direction (degrees):	164
Stability Class:	D-Neutral

Dose Rate at 3 ft mR/hr closed window

mile	A= 0 deg A mR/hr	B= 6 deg B mR/hr	C= 12 deg C mR/hr
0.5	775.9	387.9	64.7
1.0	302.8	121.1	20.2
2.0	140.4	35.1	5.9
5.0	46.6	5.8	1.0
7.5	34.2	3.4	0.6
10.0	24.9	1.9	0.3

Dose Rate at 3 ft mR/hr open window

mile	A= 0 deg A mR/hr	B= 6 deg B mR/hr	C= 12 deg C mR/hr
0.5	1108.4	554.2	92.4
1.0	432.6	173.0	28.8
2.0	200.6	50.1	8.4
5.0	66.5	8.3	1.4
7.5	48.9	4.9	0.8
10.0	35.5	2.7	0.5

Dose Rate at 6 in. mR/hr closed window

mile	A mR/hr	B mR/hr	C mR/hr
0.5	1332.8	666.4	111.1
1.0	515.5	206.2	34.4
2.0	212.2	53.1	8.8
5.0	62.5	7.8	1.3
7.5	40.0	4.0	0.7
10.0	27.4	2.1	0.4

Dose Rate at 6 in. mR/hr open window

mile	A mR/hr	B mR/hr	C mR/hr
0.5	1976.2	988.1	164.7
1.0	762.1	304.9	50.8
2.0	300.9	75.2	12.5
5.0	84.3	10.5	1.8
7.5	50.5	5.0	0.8
10.0	33.3	2.6	0.4

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Particulate Measurements: Ludlum #44-9 Probe for 10 cu. Ft. Air Sample (cpm)

mile	A cpm	B cpm	C cpm
0.5	540,408	235,715	31,041
1.0	206,379	85,385	10,313
2.0	97,856	36,755	3,761
5.0	29,496	10,038	270
7.5	23,677	7,659	165
10.0	16,535	5,085	AS READ

Iodine Measurement: Ludlum #44-9 Probe for 10 cu. Ft. Air Sample (cpm)

mile	A cpm	B cpm	C cpm
0.5	2,866,042	1,250,107	164,623
1.0	1,094,524	452,840	54,695
2.0	528,530	198,516	20,311
5.0	161,851	55,080	1,484
7.5	135,128	43,712	942
10.0	96,796	29,765	493

SCENARIO INFORMATION

Exercise Time:	12:30
Interval Since Release Started (hh:mm):	2:00

METEOROLGICAL DATA

Ground Level Wind Velocity (mph):	7.70
Ground Level Direction (degrees):	166
Stability Class:	D-Neutral

Dose Rate at 3 ft mR/hr closed window

mile	A= 0 deg A mR/hr	B= 6 deg B mR/hr	C= 12 deg C mR/hr
0.5	620.3	310.1	51.7
1.0	236.0	94.4	15.7
2.0	112.6	28.1	4.7
5.0	35.6	4.4	0.7
7.5	28.3	2.8	0.5
10.0	22.1	1.7	0.3

Dose Rate at 3 ft mR/hr open window

mile	A= 0 deg A mR/hr	B= 6 deg B mR/hr	C= 12 deg C mR/hr
0.5	886.1	443.0	73.8
1.0	337.1	134.9	22.5
2.0	160.9	40.2	6.7
5.0	50.8	6.3	1.1
7.5	40.5	4.0	0.7
10.0	31.5	2.4	0.4

Dose Rate at 6 in. mR/hr closed window

mile	A mR/hr	B mR/hr	C mR/hr
0.5	1209.3	604.7	100.8
1.0	461.0	184.4	30.7
2.0	190.0	47.5	7.9
5.0	53.3	6.7	1.1
7.5	35.5	3.6	0.6
10.0	25.8	2.0	0.3

Dose Rate at 6 in. mR/hr open window

mile	A mR/hr	B mR/hr	C mR/hr
0.5	1861.2	930.6	155.1
1.0	709.8	283.9	47.3
2.0	280.0	70.0	11.7
5.0	75.3	9.4	1.6
7.5	46.5	4.6	0.8
10.0	32.5	2.5	0.4

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Particulate Measurements: Ludlum #44-9 Probe for 10 cu. Ft. Air Sample (cpm)

mile	A cpm	B cpm	C cpm
0.5	441,578	192,607	25,364
1.0	168,636	69,770	8,427
2.0	75,058	28,192	2,884
5.0	24,120	8,208	650
7.5	18,204	5,889	392
10.0	15,157	4,661	251

Iodine Measurement: Ludlum #44-9 Probe for 10 cu. Ft. Air Sample (cpm)

mile	A cpm	B cpm	C cpm
0.5	2,302,640	1,004,363	132,261
1.0	879,364	363,821	43,943
2.0	398,070	149,515	15,298
5.0	130,276	44,335	3,509
7.5	102,044	33,010	2,199
10.0	86,502	26,600	1,432

SCENARIO INFORMATION

Exercise Time:	12:45
Interval Since Release Started (hh:mm):	2:15

METEOROLGICAL DATA

Ground Level Wind Velocity (mph):	6.80
Ground Level Direction (degrees):	165
Stability Class:	D-Neutral

Dose Rate at 3 ft mR/hr closed window

mile	A= 0 deg A mR/hr	B= 6 deg B mR/hr	C= 12 deg C mR/hr
0.5	598.4	299.2	49.9
1.0	231.9	92.8	15.5
2.0	86.6	21.6	3.6
5.0	28.6	3.6	0.6
7.5	24.5	2.4	0.4
10.0	18.1	1.4	0.2

Dose Rate at 3 ft mR/hr open window

mile	A= 0 deg A mR/hr	B= 6 deg B mR/hr	C= 12 deg C mR/hr
0.5	854.8	427.4	71.2
1.0	331.3	132.5	22.1
2.0	123.7	30.9	5.2
5.0	40.9	5.1	0.9
7.5	35.0	3.5	0.6
10.0	25.9	2.0	0.3

Dose Rate at 6 in. mR/hr closed window

mile	A mR/hr	B mR/hr	C mR/hr
0.5	1217.0	608.5	101.4
1.0	468.2	187.3	31.2
2.0	168.4	42.1	7.0
5.0	47.7	6.0	1.0
7.5	32.9	3.3	0.5
10.0	22.8	1.8	0.3

Dose Rate at 6 in. mR/hr open window

mile	A mR/hr	B mR/hr	C mR/hr
0.5	1894.1	947.1	157.8
1.0	727.2	290.9	48.5
2.0	259.0	64.8	10.8
5.0	70.0	8.7	1.5
7.5	44.4	4.4	0.7
10.0	29.8	2.3	0.4

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Particulate Measurements: Ludlum #44-9 Probe for 10 cu. Ft. Air Sample (cpm)

mile	A cpm	B cpm	C cpm
0.5	413,948	180,555	132,261
1.0	158,084	65,405	43,943
2.0	61,332	23,036	15,298
5.0	18,501	6,296	3,509
7.5	15,609	5,049	2,199
10.0	11,653	3,583	1,432

Iodine Measurement: Ludlum #44-9 Probe for 10 cu. Ft. Air Sample (cpm)

mile	A cpm	B cpm	C cpm
0.5	2,120,476	924,907	121,798
1.0	809,797	335,039	40,467
2.0	319,818	120,124	12,290
5.0	98,119	33,391	2,643
7.5	85,648	27,706	1,846
10.0	65,324	20,087	1,081

SCENARIO INFORMATION

Exercise Time:	13:00
Interval Since Release Started (hh:mm):	2:30
METEOROLGICAL DATA	
Ground Level Wind Velocity (mph):	5.70
Ground Level Direction (degrees):	169
Stability Class:	D-Neutral

Dose Rate at 3 ft mR/hr closed window

mile	A= 0 deg A mR/hr	B= 6 deg B mR/hr	C= 12 deg C mR/hr
0.5	577.7	288.9	48.1
1.0	229.6	91.8	15.3
2.0	85.7	21.4	3.6
5.0	21.6	2.7	0.4
7.5	19.5	2.0	0.3
10.0	15.2	1.2	0.2

Dose Rate at 3 ft mR/hr open window

mile	A= 0 deg A mR/hr	B= 6 deg B mR/hr	C= 12 deg C mR/hr
0.5	825.3	412.7	68.8
1.0	328.0	131.2	21.9
2.0	122.4	30.6	5.1
5.0	30.8	3.9	0.6
7.5	27.9	2.8	0.5
10.0	21.7	1.7	0.3

Dose Rate at 6 in. mR/hr closed window

mile	A mR/hr	B mR/hr	C mR/hr
0.5	1223.2	611.6	101.9
1.0	476.1	190.4	31.7
2.0	171.6	42.9	7.2
5.0	41.7	5.2	0.9
7.5	28.9	2.9	0.5
10.0	20.6	1.6	0.3

Dose Rate at 6 in. mR/hr open window

mile	A mR/hr	B mR/hr	C mR/hr
0.5	1923.0	961.5	160.2
1.0	744.6	297.9	49.6
2.0	266.0	66.5	11.1
5.0	64.1	8.0	1.3
7.5	40.6	4.1	0.7
10.0	27.9	2.1	0.4

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Particulate Measurements: Ludlum #44-9 Probe for 10 cu. Ft. Air Sample (cpm)

mile	A cpm	B cpm	C cpm
0.5	379,913	165,710	21,822
1.0	145,087	60,027	7,250
2.0	57,494	21,595	2,209
5.0	15,118	5,145	407
7.5	12,764	4,129	275
10.0	9,992	3,073	165

Iodine Measurement: Ludlum #44-9 Probe for 10 cu. Ft. Air Sample (cpm)

mile	A cpm	B cpm	C cpm
0.5	1,915,764	835,616	110,040
1.0	731,619	302,694	36,560
2.0	294,517	110,620	11,318
5.0	78,831	26,827	2,124
7.5	68,940	22,301	1,486
10.0	54,827	16,860	908

SCENARIO INFORMATION

Exercise Time:	13:15
Interval Since Release Started (hh:mm):	2:45

METEOROLGICAL DATA

Ground Level Wind Velocity (mph):	6.90
Ground Level Direction (degrees):	167
Stability Class:	D-Neutral

Dose Rate at 3 ft mR/hr closed window

mile	A= 0 deg A mR/hr	B= 6 deg B mR/hr	C= 12 deg C mR/hr
0.5	516.5	258.3	43.0
1.0	199.8	79.9	13.3
2.0	86.7	21.7	3.6
5.0	21.9	2.7	0.5
7.5	15.5	1.6	0.3
10.0	12.2	0.9	0.2

Dose Rate at 3 ft mR/hr open window

mile	A= 0 deg A mR/hr	B= 6 deg B mR/hr	C= 12 deg C mR/hr
0.5	737.9	369.0	61.5
1.0	285.4	114.1	19.0
2.0	123.9	31.0	5.2
5.0	31.2	3.9	0.7
7.5	22.2	2.2	0.4
10.0	17.5	1.3	0.2

Dose Rate at 6 in. mR/hr closed window

mile	A mR/hr	B mR/hr	C mR/hr
0.5	1186.5	593.2	98.9
1.0	455.6	182.2	30.4
2.0	176.4	44.1	7.3
5.0	43.0	5.4	0.9
7.5	25.6	2.6	0.4
10.0	18.2	1.4	0.2

Dose Rate at 6 in. mR/hr open window

mile	A mR/hr	B mR/hr	C mR/hr
0.5	1900.9	950.4	158.4
1.0	728.8	291.5	48.6
2.0	274.5	68.6	11.4
5.0	66.4	8.3	1.4
7.5	37.5	3.7	0.6
10.0	25.7	2.0	0.3

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Particulate Measurements: Ludlum #44-9 Probe for 10 cu. Ft. Air Sample (cpm)

mile	A cpm	B cpm	C cpm
0.5	351,956	153,516	20,216
1.0	134,410	55,610	6,717
2.0	52,767	19,819	2,028
5.0	14,172	4,823	382
7.5	9,790	3,167	211
10.0	8,171	2,513	135

Iodine Measurement: Ludlum #44-9 Probe for 10 cu. Ft. Air Sample (cpm)

mile	A cpm	B cpm	C cpm
0.5	1,747,360	762,161	100,367
1.0	667,306	276,086	33,347
2.0	266,084	99,941	10,225
5.0	72,595	24,705	1,956
7.5	51,923	16,796	1,119
10.0	44,132	13,571	731

SCENARIO INFORMATION

Exercise Time:	13:30
Interval Since Release Started (hh:mm):	3:00

METEOROLGICAL DATA

Ground Level Wind Velocity (mph):	8.50
Ground Level Direction (degrees):	167
Stability Class:	D-Neutral

Dose Rate at 3 ft mR/hr closed window (A= 0 deg B= 6 deg C= 12 deg)

mile	A mR/hr	B mR/hr	C mR/hr
0.5	458.8	229.4	38.2
1.0	172.8	69.1	11.5
2.0	74.1	18.5	3.1
5.0	22.1	2.8	0.5
7.5	11.5	1.1	0.2
10.0	10.3	0.8	0.1

Dose Rate at 3 ft mR/hr open window (A= 0 deg B= 6 deg C= 12 deg)

mile	A mR/hr	B mR/hr	C mR/hr
0.5	655.4	327.7	54.6
1.0	246.8	98.7	16.5
2.0	105.8	26.5	4.4
5.0	31.6	4.0	0.7
7.5	16.4	1.6	0.3
10.0	14.7	1.1	0.2

Dose Rate at 6 in. mR/hr closed window

mile	A mR/hr	B mR/hr	C mR/hr
0.5	1150.5	575.3	95.9
1.0	436.9	174.8	29.1
2.0	167.1	41.8	7.0
5.0	44.2	5.5	0.9
7.5	22.1	2.2	0.4
10.0	16.7	1.3	0.2

Dose Rate at 6 in. mR/hr open window

mile	A mR/hr	B mR/hr	C mR/hr
0.5	1877.6	938.8	156.5
1.0	714.2	285.7	47.6
2.0	266.7	66.7	11.1
5.0	68.5	8.6	1.4
7.5	34.0	3.4	0.6
10.0	24.4	1.9	0.3

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Particulate Measurements: Ludlum #44-9 Probe for 10 cu. Ft. Air Sample (cpm)

mile	A cpm	B cpm	C cpm
0.5	318,964	139,125	18,321
1.0	121,810	50,397	6,087
2.0	48,884	18,361	1,879
5.0	13,006	4,426	350
7.5	8,000	2,588	172
10.0	6,267	1,927	104

Iodine Measurement: Ludlum #44-9 Probe for 10 cu. Ft. Air Sample (cpm)

mile	A cpm	B cpm	C cpm
0.5	1,556,291	678,821	89,392
1.0	594,338	245,897	29,700
2.0	242,694	91,156	9,327
5.0	65,587	22,320	1,767
7.5	41,716	13,495	899
10.0	33,238	10,221	550

SCENARIO INFORMATION

Exercise Time:	13:45
Interval Since Release Started (hh:mm):	3:15

METEOROLGICAL DATA

Ground Level Wind Velocity (mph):	6.00
Ground Level Direction (degrees):	173
Stability Class:	D-Neutral

Dose Rate at 3 ft mR/hr closed window (A= 0 deg, B= 6 deg, C= 12 deg)

mile	A mR/hr	B mR/hr	C mR/hr
0.5	197.4	98.7	16.5
1.0	75.4	30.2	5.0
2.0	62.3	15.6	2.6
5.0	19.2	2.4	0.4
7.5	11.6	1.2	0.2
10.0	7.2	0.6	0.1

Dose Rate at 3 ft mR/hr open window (A= 0 deg, B= 6 deg, C= 12 deg)

mile	A mR/hr	B mR/hr	C mR/hr
0.5	282.0	141.0	23.5
1.0	107.7	43.1	7.2
2.0	89.1	22.3	3.7
5.0	27.4	3.4	0.6
7.5	16.6	1.7	0.3
10.0	10.3	0.8	0.1

Dose Rate at 6 in. mR/hr closed window

mile	A mR/hr	B mR/hr	C mR/hr
0.5	882.3	441.1	73.5
1.0	336.9	134.8	22.5
2.0	158.4	39.6	6.6
5.0	42.1	5.3	0.9
7.5	22.8	2.3	0.4
10.0	14.1	1.1	0.2

Dose Rate at 6 in. mR/hr open window

mile	A mR/hr	B mR/hr	C mR/hr
0.5	1565.4	782.7	130.4
1.0	597.8	239.1	39.9
2.0	259.2	64.8	10.8
5.0	66.8	8.4	1.4
7.5	35.2	3.5	0.6
10.0	21.6	1.7	0.3

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Particulate Measurements: Ludlum #44-9 Probe for 10 cu. Ft. Air Sample (cpm)

mile	A cpm	B cpm	C cpm
0.5	AS READ	AS READ	AS READ
1.0	AS READ	AS READ	AS READ
2.0	44,301	16,640	1,702
5.0	12,049	4,101	325
7.5	7,499	2,426	162
10.0	5,121	1,575	85

Iodine Measurement: Ludlum #44-9 Probe for 10 cu. Ft. Air Sample (cpm)

mile	A cpm	B cpm	C cpm
0.5	AS READ	AS READ	AS READ
1.0	AS READ	AS READ	AS READ
2.0	216,156	81,188	8,307
5.0	59,821	20,358	1,611
7.5	38,416	12,427	828
10.0	26,704	8,212	442

SCENARIO INFORMATION

Exercise Time:	14:00
Interval Since Release Started (hh:mm):	3:30
METEOROLGICAL DATA	
Ground Level Wind Velocity (mph):	7.00
Ground Level Direction (degrees):	174
Stability Class:	C-Slightly Unstable

Dose Rate at 3 ft mR/hr closed window

mile	A= 0 deg A mR/hr	B= 6 deg B mR/hr	C= 12 deg C mR/hr
0.5	195.5	97.7	16.3
1.0	74.6	29.9	5.0
2.0	27.4	6.9	1.1
5.0	16.3	2.0	0.3
7.5	11.8	1.2	0.2
10.0	7.3	0.6	0.1

Dose Rate at 3 ft mR/hr open window

mile	A= 0 deg A mR/hr	B= 6 deg B mR/hr	C= 12 deg C mR/hr
0.5	279.2	139.6	23.3
1.0	106.6	42.7	7.1
2.0	39.2	9.8	1.6
5.0	23.3	2.9	0.5
7.5	16.8	1.7	0.3
10.0	10.5	0.8	0.1

Dose Rate at 6 in. mR/hr closed window

mile	A mR/hr	B mR/hr	C mR/hr
0.5	873.5	436.7	72.8
1.0	333.6	133.4	22.2
2.0	122.5	30.6	5.1
5.0	40.0	5.0	0.8
7.5	23.5	2.3	0.4
10.0	14.5	1.1	0.2

Dose Rate at 6 in. mR/hr open window

mile	A mR/hr	B mR/hr	C mR/hr
0.5	1549.7	774.9	129.1
1.0	591.8	236.7	39.5
2.0	217.4	54.4	9.1
5.0	64.9	8.1	1.4
7.5	36.3	3.6	0.6
10.0	22.4	1.7	0.3

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Particulate Measurements: Ludlum #44-9 Probe for 10 cu. Ft. Air Sample (cpm)

mile	A cpm	B cpm	C cpm
0.5	AS READ	AS READ	AS READ
1.0	AS READ	AS READ	AS READ
2.0	AS READ	AS READ	AS READ
5.0	10,920	3,716	294
7.5	6,883	2,226	148
10.0	4,801	1,476	79

Iodine Measurement: Ludlum #44-9 Probe for 10 cu. Ft. Air Sample (cpm)

mile	A cpm	B cpm	C cpm
0.5	AS READ	AS READ	AS READ
1.0	AS READ	AS READ	AS READ
2.0	AS READ	AS READ	AS READ
5.0	53,280	18,132	1,435
7.5	34,707	11,227	748
10.0	24,592	7,562	407

SCENARIO INFORMATION

Exercise Time:	14:15
Interval Since Release Started (hh:mm):	3:45
METEOROLGICAL DATA	
Ground Level Wind Velocity (mph):	6.00
Ground Level Direction (degrees):	173
Stability Class:	C-Slightly Unstable

Dose Rate at 3 ft mR/hr closed window (A= 0 deg, B= 6 deg, C= 12 deg)

mile	A mR/hr	B mR/hr	C mR/hr
0.5	193.5	96.8	16.1
1.0	73.9	29.6	4.9
2.0	27.1	6.8	1.1
5.0	6.8	0.8	0.1
7.5	9.8	1.0	0.2
10.0	7.4	0.6	0.1

Dose Rate at 3 ft mR/hr open window (A= 0 deg, B= 6 deg, C= 12 deg)

mile	A mR/hr	B mR/hr	C mR/hr
0.5	276.4	138.2	23.0
1.0	105.6	42.2	7.0
2.0	38.8	9.7	1.6
5.0	9.7	1.2	0.2
7.5	14.0	1.4	0.2
10.0	10.6	0.8	0.1

Dose Rate at 6 in. mR/hr closed window

mile	A mR/hr	B mR/hr	C mR/hr
0.5	864.7	432.4	72.1
1.0	330.2	132.1	22.0
2.0	121.3	30.3	5.1
5.0	30.2	3.8	0.6
7.5	21.9	2.2	0.4
10.0	14.9	1.1	0.2

Dose Rate at 6 in. mR/hr open window

mile	A mR/hr	B mR/hr	C mR/hr
0.5	1534.2	767.1	127.9
1.0	585.9	234.4	39.1
2.0	215.2	53.8	9.0
5.0	53.6	6.7	1.1
7.5	34.9	3.5	0.6
10.0	23.1	1.8	0.3

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Particulate Measurements: Ludlum #44-9 Probe for 10 cu. Ft. Air Sample (cpm)

mile	A cpm	B cpm	C cpm
0.5	AS READ	AS READ	AS READ
1.0	AS READ	AS READ	AS READ
2.0	AS READ	AS READ	AS READ
5.0	AS READ	AS READ	AS READ
7.5	6,376	2,063	137
10.0	4,406	1,355	73

Iodine Measurement: Ludlum #44-9 Probe for 10 cu. Ft. Air Sample (cpm)

mile	A cpm	B cpm	C cpm
0.5	AS READ	AS READ	AS READ
1.0	AS READ	AS READ	AS READ
2.0	AS READ	AS READ	AS READ
5.0	AS READ	AS READ	AS READ
7.5	31,656	10,240	682
10.0	22,218	6,832	368

SCENARIO INFORMATION

Exercise Time:	14:30
Interval Since Release Started (hh:mm):	4:00
METEOROLGICAL DATA	
Ground Level Wind Velocity (mph):	7.00
Ground Level Direction (degrees):	173.60
Stability Class:	C-Slightly Unstable

Dose Rate at 3 ft mR/hr closed window

mile	A= 0 deg A mR/hr	B= 6 deg B mR/hr	C= 12 deg C mR/hr
0.5	191.6	95.8	16.0
1.0	73.2	29.3	4.9
2.0	26.9	6.7	1.1
5.0	6.7	0.8	0.1
7.5	8.9	0.9	0.1
10.0	6.4	0.5	0.1

Dose Rate at 3 ft mR/hr open window

mile	A= 0 deg A mR/hr	B= 6 deg B mR/hr	C= 12 deg C mR/hr
0.5	273.7	136.8	22.8
1.0	104.5	41.8	7.0
2.0	38.4	9.6	1.6
5.0	9.6	1.2	0.2
7.5	12.7	1.3	0.2
10.0	9.2	0.7	0.1

Dose Rate at 6 in. mR/hr closed window

mile	A mR/hr	B mR/hr	C mR/hr
0.5	856.1	428.0	71.3
1.0	326.9	130.8	21.8
2.0	120.1	30.0	5.0
5.0	29.9	3.7	0.6
7.5	21.4	2.1	0.4
10.0	14.2	1.1	0.2

Dose Rate at 6 in. mR/hr open window

mile	A mR/hr	B mR/hr	C mR/hr
0.5	1518.9	759.4	126.6
1.0	580.0	232.0	38.7
2.0	213.1	53.3	8.9
5.0	53.1	6.6	1.1
7.5	34.6	3.5	0.6
10.0	22.6	1.7	0.3

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Particulate Measurements: Ludlum #44-9 Probe for 10 cu. Ft. Air Sample (cpm)

mile	A cpm	B cpm	C cpm
0.5	AS READ	AS READ	AS READ
1.0	AS READ	AS READ	AS READ
2.0	AS READ	AS READ	AS READ
5.0	AS READ	AS READ	AS READ
7.5	5,779	1,869	125
10.0	4,082	1,255	68

Iodine Measurement: Ludlum #44-9 Probe for 10 cu. Ft. Air Sample (cpm)

mile	A cpm	B cpm	C cpm
0.5	AS READ	AS READ	AS READ
1.0	AS READ	AS READ	AS READ
2.0	AS READ	AS READ	AS READ
5.0	AS READ	AS READ	AS READ
7.5	28,195	9,121	608
10.0	20,265	6,232	335

SCENARIO INFORMATION

Exercise Time:	10:30
Interval Since Release Started (hh:mm):	0:00
METEOROLGICAL DATA	
Ground Level Wind Velocity (mph):	7.40
Ground Level Direction (degrees):	167
Stability Class:	D-Neutral

A= 0 deg B= 6 deg C= 12 deg

A= 0 deg B= 6 deg C= 12 deg

Particulate Concentration

mile	A (uCi/cc)	B (uCi/cc)	C (uCi/cc)
0.5	2.55E-04	1.11E-04	1.46E-05
1.0	9.73E-05	4.03E-05	4.86E-06
2.0	BKG.	BKG.	BKG.
5.0	BKG.	BKG.	BKG.
7.5	BKG.	BKG.	BKG.
10.0	BKG.	BKG.	BKG.

Iodine Concentration

mile	A (uCi/cc)	B (uCi/cc)	C (uCi/cc)
0.5	3.59E-03	1.57E-03	2.06E-04
1.0	1.37E-03	5.67E-04	6.85E-05
2.0	BKG.	BKG.	BKG.
5.0	BKG.	BKG.	BKG.
7.5	BKG.	BKG.	BKG.
10.0	BKG.	BKG.	BKG.

Particulate Fraction

Cs-134	5.46E-01
Cs-137	2.91E-01
Ce/Pr-144	7.79E-05
Ce-141	9.78E-05
La-140	5.98E-04
Mo-99	1.16E-01
Ru/Rh-106	2.88E-05
Ru-103	9.09E-05
Te-132	4.58E-02
Zr-95	9.98E-05

Iodine Fraction

I-131	2.03E-01
I-132	1.10E-01
I-133	3.81E-01
I-134	3.13E-02
I-135	2.74E-01

SCENARIO INFORMATION

Exercise Time:	10:45
Interval Since Release Started (hh:mm):	0:15
METEOROLGICAL DATA	
Ground Level Wind Velocity (mph):	7.40
Ground Level Direction (degrees):	165
Stability Class:	D-Neutral

A= 0 deg B= 6 deg C= 12 deg

A= 0 deg B= 6 deg C= 12 deg

Particulate Concentration

mile	A (uCi/cc)	B (uCi/cc)	C (uCi/cc)
0.5	7.89E-04	3.44E-04	4.53E-05
1.0	3.01E-04	1.25E-04	1.51E-05
2.0	3.54E-05	1.33E-05	1.36E-06
5.0	BKG.	BKG.	BKG.
7.5	BKG.	BKG.	BKG.
10.0	BKG.	BKG.	BKG.

Iodine Concentration

mile	A (uCi/cc)	B (uCi/cc)	C (uCi/cc)
0.5	1.08E-02	4.73E-03	6.23E-04
1.0	4.14E-03	1.71E-03	2.07E-04
2.0	4.99E-04	1.87E-04	1.92E-05
5.0	BKG.	BKG.	BKG.
7.5	BKG.	BKG.	BKG.
10.0	BKG.	BKG.	BKG.

Particulate Fraction

Cs-134	5.45E-01
Cs-137	2.92E-01
Ce/Pr-144	7.79E-05
Ce-141	9.78E-05
La-140	5.99E-04
Mo-99	1.16E-01
Ru/Rh-106	2.89E-05
Ru-103	9.10E-05
Te-132	4.58E-02
Zr-95	9.98E-05

Iodine Fraction

I-131	2.08E-01
I-132	1.05E-01
I-133	3.87E-01
I-134	2.64E-02
I-135	2.74E-01

SCENARIO INFORMATION

Exercise Time:	11:00
Interval Since Release Started (hh:mm):	0:30

METEOROLGICAL DATA

Ground Level Wind Velocity (mph):	7.60
Ground Level Direction (degrees):	165
Stability Class:	D-Neutral

A= 0 deg B= 6 deg C= 12 deg

A= 0 deg B= 6 deg C= 12 deg

Particulate Concentration

mile	A (uCi/cc)	B (uCi/cc)	C (uCi/cc)
0.5	1.22E-03	5.32E-04	7.00E-05
1.0	4.65E-04	1.93E-04	2.33E-05
2.0	1.10E-04	4.12E-05	4.21E-06
5.0	4.69E-06	1.60E-06	1.26E-07
7.5	BKG.	BKG.	BKG.
10.0	BKG.	BKG.	BKG.

Iodine Concentration

mile	A (uCi/cc)	B (uCi/cc)	C (uCi/cc)
0.5	1.64E-02	7.16E-03	9.43E-04
1.0	6.27E-03	2.59E-03	3.13E-04
2.0	1.51E-03	5.66E-04	5.79E-05
5.0	1.23E-04	4.18E-05	3.31E-06
7.5	BKG.	BKG.	BKG.
10.0	BKG.	BKG.	BKG.

Particulate Fraction

Cs-134	5.45E-01
Cs-137	2.92E-01
Ce/Pr-144	7.82E-05
Ce-141	9.80E-05
La-140	5.96E-04
Mo-99	1.16E-01
Ru/Rh-106	2.89E-05
Ru-103	9.08E-05
Te-132	4.57E-02
Zr-95	9.99E-05

Iodine Fraction

I-131	2.12E-01
I-132	9.99E-02
I-133	3.94E-01
I-134	2.21E-02
I-135	2.72E-01

SCENARIO INFORMATION

Exercise Time:	11:15
Interval Since Release Started (hh:mm):	0:45
METEOROLGICAL DATA	
Ground Level Wind Velocity (mph):	7.80
Ground Level Direction (degrees):	165
Stability Class:	D-Neutral

A= 0 deg B= 6 deg C= 12 deg

A= 0 deg B= 6 deg C= 12 deg

Particulate Concentration

mile	A (uCi/cc)	B (uCi/cc)	C (uCi/cc)
0.5	1.12E-03	4.87E-04	6.42E-05
1.0	4.27E-04	1.77E-04	2.13E-05
2.0	1.69E-04	6.36E-05	6.51E-06
5.0	2.70E-05	9.20E-06	7.28E-07
7.5	BKG.	BKG.	BKG.
10.0	BKG.	BKG.	BKG.

Iodine Concentration

mile	A (uCi/cc)	B (uCi/cc)	C (uCi/cc)
0.5	1.47E-02	6.40E-03	8.42E-04
1.0	5.60E-03	2.32E-03	2.80E-04
2.0	2.28E-03	8.56E-04	8.76E-05
5.0	3.71E-04	1.26E-04	1.00E-05
7.5	BKG.	BKG.	BKG.
10.0	BKG.	BKG.	BKG.

Particulate Fraction

Cs-134	5.47E-01
Cs-137	2.91E-01
Ce/Pr-144	7.77E-05
Ce-141	9.77E-05
La-140	5.92E-04
Mo-99	1.15E-01
Ru/Rh-106	2.89E-05
Ru-103	9.08E-05
Te-132	4.54E-02
Zr-95	9.97E-05

Iodine Fraction

I-131	2.17E-01
I-132	9.53E-02
I-133	3.99E-01
I-134	1.86E-02
I-135	2.70E-01

SCENARIO INFORMATION

Exercise Time:	11:30
Interval Since Release Started (hh:mm):	1:00
METEOROLGICAL DATA	
Ground Level Wind Velocity (mph):	6.90
Ground Level Direction (degrees):	165
Stability Class:	D-Neutral

A= 0 deg B= 6 deg C= 12 deg

A= 0 deg B= 6 deg C= 12 deg

Particulate Concentration

mile	A (uCi/cc)	B (uCi/cc)	C (uCi/cc)
0.5	8.59E-04	3.75E-04	4.93E-05
1.0	3.28E-04	1.36E-04	1.64E-05
2.0	1.55E-04	5.83E-05	5.96E-06
5.0	4.17E-05	1.42E-05	1.12E-06
7.5	2.48E-06	8.03E-07	5.35E-08
10.0	BKG.	BKG.	BKG.

Iodine Concentration

mile	A (uCi/cc)	B (uCi/cc)	C (uCi/cc)
0.5	1.11E-02	4.83E-03	6.36E-04
1.0	4.23E-03	1.75E-03	2.11E-04
2.0	2.04E-03	7.65E-04	7.83E-05
5.0	5.62E-04	1.91E-04	1.51E-05
7.5	6.51E-05	2.10E-05	1.40E-06
10.0	BKG.	BKG.	BKG.

Particulate Fraction

Cs-134	5.46E-01
Cs-137	2.92E-01
Ce/Pr-144	7.83E-05
Ce-141	9.80E-05
La-140	5.90E-04
Mo-99	1.15E-01
Ru/Rh-106	2.89E-05
Ru-103	9.08E-05
Te-132	4.56E-02
Zr-95	1.00E-04

Iodine Fraction

I-131	2.21E-01
I-132	9.03E-02
I-133	4.03E-01
I-134	1.56E-02
I-135	2.70E-01

SCENARIO INFORMATION

Exercise Time:	11:45
Interval Since Release Started (hh:mm):	1:15
METEOROLGICAL DATA	
Ground Level Wind Velocity (mph):	6.40
Ground Level Direction (degrees):	163
Stability Class:	D-Neutral

A= 0 deg B= 6 deg C= 12 deg

A= 0 deg B= 6 deg C= 12 deg

Particulate Concentration

mile	A (uCi/cc)	B (uCi/cc)	C (uCi/cc)
0.5	7.37E-04	3.21E-04	4.23E-05
1.0	2.81E-04	1.16E-04	1.41E-05
2.0	1.19E-04	4.48E-05	4.58E-06
5.0	3.82E-05	1.30E-05	1.03E-06
7.5	7.69E-06	2.49E-06	1.66E-07
10.0	1.59E-06	4.89E-07	2.63E-08

Iodine Concentration

mile	A (uCi/cc)	B (uCi/cc)	C (uCi/cc)
0.5	9.30E-03	4.05E-03	5.34E-04
1.0	3.55E-03	1.47E-03	1.77E-04
2.0	1.54E-03	5.78E-04	5.91E-05
5.0	5.02E-04	1.71E-04	1.35E-05
7.5	1.19E-05	3.84E-06	2.56E-07
10.0	2.52E-06	7.75E-07	4.17E-08

Particulate Fraction

Cs-134	5.48E-01
Cs-137	2.91E-01
Ce/Pr-144	7.77E-05
Ce-141	9.76E-05
La-140	5.84E-04
Mo-99	1.14E-01
Ru/Rh-106	2.88E-05
Ru-103	9.08E-05
Te-132	4.53E-02
Zr-95	9.96E-05

Iodine Fraction

I-131	2.25E-01
I-132	8.57E-02
I-133	4.08E-01
I-134	1.30E-02
I-135	2.68E-01

SCENARIO INFORMATION

Exercise Time:	12:00
Interval Since Release Started (hh:mm):	1:30
METEOROLGICAL DATA	
Ground Level Wind Velocity (mph):	6.90
Ground Level Direction (degrees):	166
Stability Class:	D-Neutral

A= 0 deg B= 6 deg C= 12 deg

A= 0 deg B= 6 deg C= 12 deg

Particulate Concentration

mile	A (uCi/cc)	B (uCi/cc)	C (uCi/cc)
0.5	6.02E-04	2.63E-04	3.46E-05
1.0	2.30E-04	9.52E-05	1.15E-05
2.0	1.02E-04	3.84E-05	3.93E-06
5.0	2.94E-05	1.00E-05	7.92E-07
7.5	2.21E-05	7.14E-06	4.76E-07
10.0	9.15E-06	2.81E-06	1.52E-07

Iodine Concentration

mile	A (uCi/cc)	B (uCi/cc)	C (uCi/cc)
0.5	7.48E-03	3.26E-03	4.30E-04
1.0	2.86E-03	1.18E-03	1.43E-04
2.0	1.29E-03	4.85E-04	4.96E-05
5.0	3.79E-04	1.29E-04	1.02E-05
7.5	2.97E-04	9.62E-05	6.41E-06
10.0	1.26E-04	3.87E-05	2.08E-06

Particulate Fraction

Cs-134	5.47E-01
Cs-137	2.92E-01
Ce/Pr-144	7.78E-05
Ce-141	9.76E-05
La-140	5.85E-04
Mo-99	1.14E-01
Ru/Rh-106	2.89E-05
Ru-103	9.12E-05
Te-132	4.53E-02
Zr-95	1.00E-04

Iodine Fraction

I-131	2.29E-01
I-132	8.13E-02
I-133	4.13E-01
I-134	1.09E-02
I-135	2.66E-01

SCENARIO INFORMATION

Exercise Time:	12:15
Interval Since Release Started (hh:mm):	1:45

METEOROLGICAL DATA

Ground Level Wind Velocity (mph):	6.50
Ground Level Direction (degrees):	164
Stability Class:	D-Neutral

A= 0 deg B= 6 deg C= 12 deg

A= 0 deg B= 6 deg C= 12 deg

Particulate Concentration

mile	A (uCi/cc)	B (uCi/cc)	C (uCi/cc)
0.5	4.62E-04	2.01E-04	2.65E-05
1.0	1.76E-04	7.30E-05	8.82E-06
2.0	8.37E-05	3.14E-05	3.21E-06
5.0	2.52E-05	8.58E-06	6.79E-07
7.5	2.02E-05	6.55E-06	4.36E-07
10.0	1.41E-05	4.35E-06	2.34E-07

Iodine Concentration

mile	A (uCi/cc)	B (uCi/cc)	C (uCi/cc)
0.5	5.63E-03	2.46E-03	3.24E-04
1.0	2.15E-03	8.90E-04	1.08E-04
2.0	1.04E-03	3.90E-04	3.99E-05
5.0	3.18E-04	1.08E-04	8.57E-06
7.5	2.66E-04	8.59E-05	5.72E-06
10.0	1.90E-04	5.85E-05	3.15E-06

Particulate Fraction

Cs-134	5.47E-01
Cs-137	2.92E-01
Ce/Pr-144	7.82E-05
Ce-141	9.81E-05
La-140	5.83E-04
Mo-99	1.14E-01
Ru/Rh-106	2.89E-05
Ru-103	9.07E-05
Te-132	4.52E-02
Zr-95	9.98E-05

Iodine Fraction

I-131	2.34E-01
I-132	7.65E-02
I-133	4.17E-01
I-134	9.08E-03
I-135	2.64E-01

SCENARIO INFORMATION

Exercise Time:	12:30
Interval Since Release Started (hh:mm):	2:00

METEOROLGICAL DATA

Ground Level Wind Velocity (mph):	7.70
Ground Level Direction (degrees):	166
Stability Class:	D-Neutral

A= 0 deg B= 6 deg C= 12 deg

A= 0 deg B= 6 deg C= 12 deg

Particulate Concentration

mile	A (uCi/cc)	B (uCi/cc)	C (uCi/cc)
0.5	3.77E-04	1.65E-04	2.17E-05
1.0	1.44E-04	5.96E-05	7.20E-06
2.0	6.42E-05	2.41E-05	2.47E-06
5.0	2.06E-05	7.02E-06	5.55E-07
7.5	1.56E-05	5.03E-06	3.35E-07
10.0	1.30E-05	3.98E-06	2.14E-07

Iodine Concentration

mile	A (uCi/cc)	B (uCi/cc)	C (uCi/cc)
0.5	4.53E-03	1.97E-03	2.60E-04
1.0	1.73E-03	7.15E-04	8.64E-05
2.0	7.83E-04	2.94E-04	3.01E-05
5.0	2.56E-04	8.72E-05	6.90E-06
7.5	2.01E-04	6.49E-05	4.32E-06
10.0	1.70E-04	5.23E-05	2.82E-06

Particulate Fraction

Cs-134	5.48E-01
Cs-137	2.92E-01
Ce/Pr-144	7.83E-05
Ce-141	9.81E-05
La-140	5.81E-04
Mo-99	1.14E-01
Ru/Rh-106	2.90E-05
Ru-103	9.11E-05
Te-132	4.52E-02
Zr-95	1.00E-04

Iodine Fraction

I-131	2.37E-01
I-132	7.27E-02
I-133	4.21E-01
I-134	7.61E-03
I-135	2.62E-01

SCENARIO INFORMATION

Exercise Time:	12:45
Interval Since Release Started (hh:mm):	2:15
METEOROLGICAL DATA	
Ground Level Wind Velocity (mph):	6.80
Ground Level Direction (degrees):	165
Stability Class:	D-Neutral

A= 0 deg B= 6 deg C= 12 deg

A= 0 deg B= 6 deg C= 12 deg

Particulate Concentration

mile	A (uCi/cc)	B (uCi/cc)	C (uCi/cc)
0.5	3.54E-04	1.54E-04	2.03E-05
1.0	1.35E-04	5.59E-05	6.75E-06
2.0	5.24E-05	1.97E-05	2.01E-06
5.0	1.58E-05	5.38E-06	4.26E-07
7.5	1.33E-05	4.32E-06	2.88E-07
10.0	9.96E-06	3.06E-06	1.65E-07

Iodine Concentration

mile	A (uCi/cc)	B (uCi/cc)	C (uCi/cc)
0.5	4.17E-03	1.82E-03	2.39E-04
1.0	1.59E-03	6.59E-04	7.96E-05
2.0	6.29E-04	2.36E-04	2.42E-05
5.0	1.93E-04	6.57E-05	5.20E-06
7.5	1.68E-04	5.45E-05	3.63E-06
10.0	1.28E-04	3.95E-05	2.13E-06

Particulate Fraction

Cs-134	5.47E-01
Cs-137	2.92E-01
Ce/Pr-144	7.82E-05
Ce-141	9.79E-05
La-140	5.78E-04
Mo-99	1.14E-01
Ru/Rh-106	2.90E-05
Ru-103	9.10E-05
Te-132	4.51E-02
Zr-95	1.00E-04

Iodine Fraction

I-131	2.41E-01
I-132	6.88E-02
I-133	4.25E-01
I-134	6.35E-03
I-135	2.59E-01

SCENARIO INFORMATION

Exercise Time:	13:00
Interval Since Release Started (hh:mm):	2:30
METEOROLGICAL DATA	
Ground Level Wind Velocity (mph):	5.70
Ground Level Direction (degrees):	169
Stability Class:	D-Neutral

A= 0 deg B= 6 deg C= 12 deg

A= 0 deg B= 6 deg C= 12 deg

Particulate Concentration

mile	A (uCi/cc)	B (uCi/cc)	C (uCi/cc)
0.5	3.25E-04	1.42E-04	1.87E-05
1.0	1.24E-04	5.13E-05	6.20E-06
2.0	4.91E-05	1.85E-05	1.89E-06
5.0	1.29E-05	4.40E-06	3.48E-07
7.5	1.09E-05	3.53E-06	2.35E-07
10.0	8.54E-06	2.63E-06	1.41E-07

Iodine Concentration

mile	A (uCi/cc)	B (uCi/cc)	C (uCi/cc)
0.5	3.77E-03	1.64E-03	2.16E-04
1.0	1.44E-03	5.95E-04	7.19E-05
2.0	5.79E-04	2.17E-04	2.23E-05
5.0	1.55E-04	5.27E-05	4.18E-06
7.5	1.36E-04	4.38E-05	2.92E-06
10.0	1.08E-04	3.31E-05	1.78E-06

Particulate Fraction

Cs-134	5.48E-01
Cs-137	2.92E-01
Ce/Pr-144	7.82E-05
Ce-141	9.81E-05
La-140	5.76E-04
Mo-99	1.13E-01
Ru/Rh-106	2.90E-05
Ru-103	9.10E-05
Te-132	4.50E-02
Zr-95	1.00E-04

Iodine Fraction

I-131	2.45E-01
I-132	6.50E-02
I-133	4.28E-01
I-134	5.30E-03
I-135	2.56E-01

SCENARIO INFORMATION

Exercise Time:	13:15
Interval Since Release Started (hh:mm):	2:45
METEOROLGICAL DATA	
Ground Level Wind Velocity (mph):	6.90
Ground Level Direction (degrees):	167
Stability Class:	D-Neutral

A= 0 deg B= 6 deg C= 12 deg

A= 0 deg B= 6 deg C= 12 deg

Particulate Concentration

mile	A (uCi/cc)	B (uCi/cc)	C (uCi/cc)
0.5	3.01E-04	1.31E-04	1.73E-05
1.0	1.15E-04	4.75E-05	5.74E-06
2.0	4.51E-05	1.69E-05	1.73E-06
5.0	1.21E-05	4.12E-06	3.26E-07
7.5	8.37E-06	2.71E-06	1.80E-07
10.0	6.98E-06	2.15E-06	1.16E-07

Iodine Concentration

mile	A (uCi/cc)	B (uCi/cc)	C (uCi/cc)
0.5	3.44E-03	1.50E-03	1.97E-04
1.0	1.31E-03	5.43E-04	6.56E-05
2.0	5.23E-04	1.96E-04	2.01E-05
5.0	1.43E-04	4.86E-05	3.84E-06
7.5	1.02E-04	3.30E-05	2.20E-06
10.0	8.68E-05	2.67E-05	1.44E-06

Particulate Fraction

Cs-134	5.48E-01
Cs-137	2.92E-01
Ce/Pr-144	7.83E-05
Ce-141	9.81E-05
La-140	5.73E-04
Mo-99	1.13E-01
Ru/Rh-106	2.90E-05
Ru-103	9.11E-05
Te-132	4.50E-02
Zr-95	1.00E-04

Iodine Fraction

I-131	2.49E-01
I-132	6.14E-02
I-133	4.31E-01
I-134	4.42E-03
I-135	2.54E-01

SCENARIO INFORMATION

Exercise Time:	13:30
Interval Since Release Started (hh:mm):	3:00

METEOROLGICAL DATA

Ground Level Wind Velocity (mph):	8.50
Ground Level Direction (degrees):	167
Stability Class:	D-Neutral

A= 0 deg B= 6 deg C= 12 deg

A= 0 deg B= 6 deg C= 12 deg

Particulate Concentration

mile	A (uCi/cc)	B (uCi/cc)	C (uCi/cc)
0.5	2.73E-04	1.19E-04	1.57E-05
1.0	1.04E-04	4.31E-05	5.20E-06
2.0	4.18E-05	1.57E-05	1.61E-06
5.0	1.11E-05	3.78E-06	3.00E-07
7.5	6.84E-06	2.21E-06	1.47E-07
10.0	5.36E-06	1.65E-06	8.87E-08

Iodine Concentration

mile	A (uCi/cc)	B (uCi/cc)	C (uCi/cc)
0.5	3.06E-03	1.33E-03	1.76E-04
1.0	1.17E-03	4.83E-04	5.84E-05
2.0	4.77E-04	1.79E-04	1.83E-05
5.0	1.29E-04	4.39E-05	3.47E-06
7.5	8.20E-05	2.65E-05	1.77E-06
10.0	6.54E-05	2.01E-05	1.08E-06

Particulate Fraction

Cs-134	5.48E-01
Cs-137	2.93E-01
Ce/Pr-144	7.82E-05
Ce-141	9.79E-05
La-140	5.71E-04
Mo-99	1.13E-01
Ru/Rh-106	2.90E-05
Ru-103	9.10E-05
Te-132	4.48E-02
Zr-95	1.00E-04

Iodine Fraction

I-131	2.53E-01
I-132	5.81E-02
I-133	4.34E-01
I-134	3.68E-03
I-135	2.52E-01

SCENARIO INFORMATION

Exercise Time:	13:45
Interval Since Release Started (hh:mm):	3:15
METEOROLGICAL DATA	
Ground Level Wind Velocity (mph):	6.00
Ground Level Direction (degrees):	173
Stability Class:	D-Neutral

A= 0 deg B= 6 deg C= 12 deg

A= 0 deg B= 6 deg C= 12 deg

Particulate Concentration

mile	A (uCi/cc)	B (uCi/cc)	C (uCi/cc)
0.5	BKG.	BKG.	BKG.
1.0	BKG.	BKG.	BKG.
2.0	3.79E-05	1.42E-05	1.46E-06
5.0	1.03E-05	3.51E-06	2.77E-07
7.5	6.41E-06	2.07E-06	1.38E-07
10.0	4.38E-06	1.35E-06	7.25E-08

Iodine Concentration

mile	A (uCi/cc)	B (uCi/cc)	C (uCi/cc)
0.5	BKG.	BKG.	BKG.
1.0	BKG.	BKG.	BKG.
2.0	4.25E-04	1.60E-04	1.63E-05
5.0	1.18E-04	4.00E-05	3.17E-06
7.5	7.55E-05	2.44E-05	1.63E-06
10.0	5.25E-05	1.61E-05	8.69E-07

Particulate Fraction

Cs-134	5.48E-01
Cs-137	2.93E-01
Ce/Pr-144	7.82E-05
Ce-141	9.79E-05
La-140	5.71E-04
Mo-99	1.13E-01
Ru/Rh-106	2.90E-05
Ru-103	9.10E-05
Te-132	4.48E-02
Zr-95	1.00E-04

Iodine Fraction

I-131	2.53E-01
I-132	5.81E-02
I-133	4.34E-01
I-134	3.68E-03
I-135	2.52E-01

SCENARIO INFORMATION

Exercise Time:	14:00
Interval Since Release Started (hh:mm):	3:30

METEOROLGICAL DATA

Ground Level Wind Velocity (mph):	7.00
Ground Level Direction (degrees):	174
Stability Class:	C-Slightly Unstable

A= 0 deg B= 6 deg C= 12 deg

A= 0 deg B= 6 deg C= 12 deg

Particulate Concentration

mile	A (uCi/cc)	B (uCi/cc)	C (uCi/cc)
0.5	BKG.	BKG.	BKG.
1.0	BKG.	BKG.	BKG.
2.0	BKG.	BKG.	BKG.
5.0	9.33E-06	3.18E-06	2.51E-07
7.5	5.88E-06	1.90E-06	1.27E-07
10.0	4.10E-06	1.26E-06	6.79E-08

Iodine Concentration

mile	A (uCi/cc)	B (uCi/cc)	C (uCi/cc)
0.5	BKG.	BKG.	BKG.
1.0	BKG.	BKG.	BKG.
2.0	BKG.	BKG.	BKG.
5.0	1.05E-04	3.56E-05	2.82E-06
7.5	6.82E-05	2.21E-05	1.47E-06
10.0	4.84E-05	1.49E-05	8.00E-07

Particulate Fraction

Cs-134	5.48E-01
Cs-137	2.93E-01
Ce/Pr-144	7.82E-05
Ce-141	9.79E-05
La-140	5.71E-04
Mo-99	1.13E-01
Ru/Rh-106	2.90E-05
Ru-103	9.10E-05
Te-132	4.48E-02
Zr-95	1.00E-04

Iodine Fraction

I-131	2.53E-01
I-132	5.81E-02
I-133	4.34E-01
I-134	3.68E-03
I-135	2.52E-01

SCENARIO INFORMATION

Exercise Time:	14:15
Interval Since Release Started (hh:mm):	3:45

METEOROLGICAL DATA

Ground Level Wind Velocity (mph):	6.00
Ground Level Direction (degrees):	173
Stability Class:	C-Slightly Unstable

A= 0 deg B= 6 deg C= 12 deg A= 0 deg B= 6 deg C= 12 deg

Particulate Concentration

mile	A (uCi/cc)	B (uCi/cc)	C (uCi/cc)
0.5	BKG.	BKG.	BKG.
1.0	BKG.	BKG.	BKG.
2.0	BKG.	BKG.	BKG.
5.0	BKG.	BKG.	BKG.
7.5	5.45E-06	1.76E-06	1.17E-07
10.0	3.77E-06	1.16E-06	6.24E-08

Iodine Concentration

mile	A (uCi/cc)	B (uCi/cc)	C (uCi/cc)
0.5	BKG.	BKG.	BKG.
1.0	BKG.	BKG.	BKG.
2.0	BKG.	BKG.	BKG.
5.0	BKG.	BKG.	BKG.
7.5	6.22E-05	2.01E-05	1.34E-06
10.0	4.37E-05	1.34E-05	7.23E-07

Particulate Fraction

Cs-134	5.48E-01
Cs-137	2.93E-01
Ce/Pr-144	7.82E-05
Ce-141	9.79E-05
La-140	5.71E-04
Mo-99	1.13E-01
Ru/Rh-106	2.90E-05
Ru-103	9.10E-05
Te-132	4.48E-02
Zr-95	1.00E-04

Iodine Fraction

I-131	2.53E-01
I-132	5.81E-02
I-133	4.34E-01
I-134	3.68E-03
I-135	2.52E-01

SCENARIO INFORMATION

Exercise Time:	14:30
Interval Since Release Started (hh:mm):	4:00

METEOROLGICAL DATA

Ground Level Wind Velocity (mph):	7.00
Ground Level Direction (degrees):	173.60
Stability Class:	C-Slightly Unstable

A= 0 deg B= 6 deg C= 12 deg

A= 0 deg B= 6 deg C= 12 deg

Particulate Concentration

mile	A (uCi/cc)	B (uCi/cc)	C (uCi/cc)
0.5	BKG.	BKG.	BKG.
1.0	BKG.	BKG.	BKG.
2.0	BKG.	BKG.	BKG.
5.0	BKG.	BKG.	BKG.
7.5	4.94E-06	1.60E-06	1.06E-07
10.0	3.49E-06	1.07E-06	5.78E-08

Iodine Concentration

mile	A (uCi/cc)	B (uCi/cc)	C (uCi/cc)
0.5	BKG.	BKG.	BKG.
1.0	BKG.	BKG.	BKG.
2.0	BKG.	BKG.	BKG.
5.0	BKG.	BKG.	BKG.
7.5	5.54E-05	1.79E-05	1.19E-06
10.0	3.98E-05	1.23E-05	6.60E-07

Particulate Fraction

Cs-134	5.48E-01
Cs-137	2.93E-01
Ce/Pr-144	7.82E-05
Ce-141	9.79E-05
La-140	5.71E-04
Mo-99	1.13E-01
Ru/Rh-106	2.90E-05
Ru-103	9.10E-05
Te-132	4.48E-02
Zr-95	1.00E-04

Iodine Fraction

I-131	2.53E-01
I-132	5.81E-02
I-133	4.34E-01
I-134	3.68E-03
I-135	2.52E-01