

TU ELECTRIC  
COMANCHE PEAK STEAM ELECTRIC STATION  
1995 FIELD EXERCISE  
NARRATIVE SUMMARY

### PLANT CONDITIONS

Unit 1 is at 100 percent power in its fifth fuel cycle. Unit 2 is at 100 percent power in its second fuel cycle. All plant parameters are normal and stable.

The last shift relieved the pressure in Unit 1 Containment Building that had built up over the last week. Upon completion of the pressure relief, valve 1HV-5549 (inside reactor containment isolation) failed to fully close. Valve 1HV-5548 (outside reactor containment isolation) has been verified shut to satisfy Tech Specs.

The exercise is scheduled to begin at 7:00 a.m., Wednesday, December 06, 1995.

### METEOROLOGICAL CONDITIONS

Temperature is 45 degrees F with wind out of the Southwest at 5 mph. Temperature will increase to about 50 degrees by midday. Wind speed will increase to about 10 mph over the same time period. Weather will be fair with no major changes.

### NARRATIVE SUMMARY

0645 Turnover briefing for the simulator crew.

0700 Start the simulator.

0715 25 gpm leak from the U1 RCS. Location unknown.

0730 **Notification of Unusual Event** (NOUE) declared due to RCS leakage. (EPP-201; Chart 2; 2A, 2B NOUE)

0800 Fire in Train A Diesel Generator. (Results in loss of operability of Trn A DG)

0815 **Alert** declared from the Control Room due to fire effecting safety related equipment.  
Emergency response facilities should begin staffing at this time.  
(EPP-201; Chart 10; 10H, 10E Alert)

0900 RCS leakage increases to greater than the capacity of the CCPs following SI actuation.

0905 Valve 1-HV-5548, and ventilation damper 1-HV-5574, fail partially open creating a minor radiological release.

0915 **Site Area Emergency** declared from the Technical Support Center (TSC) or Emergency Operations Facility (EOF) due to RCS leakage.  
A Site Evacuation will be called due to the SAE.  
(EPP-201; Chart 2; 2A, 2B, 2C, 2D, 2G Site Area Emergency)

0925 (time after shift to sump recirc) RHR pump 1-02 will seize due to debris. Foreign material will prevent fully closing sump suction valve 8811B.

0930 1EA1 bus fault results in loss of Trn A ECCS.

0945 RWST fault.

1000 Indications (CET/RVLIS/HRRM) show that the core is uncovered and is overheating. Radiological release through containment ventilation valve 1-HV-5548 is still in progress.

1015 **General Emergency** is declared.  
(EPP-201; Chart 2; 2A, 2B, 2C, 2D, 2E General Emergency)  
(PAR: Evacuate 2A and effected sectors to 5 miles based on plant conditions or dose projections.)

1230 Shift relief for key offsite players.

1245 Contaminated injury to an ERDC team member in the RCA.

1300 Wind slowly shifts to coming from 250 degrees.

1400 Bus 1EA1 repaired and available to be returned to service.

1500 Exercise terminated.

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1995 FIELD EXERCISE  
TIMELINE



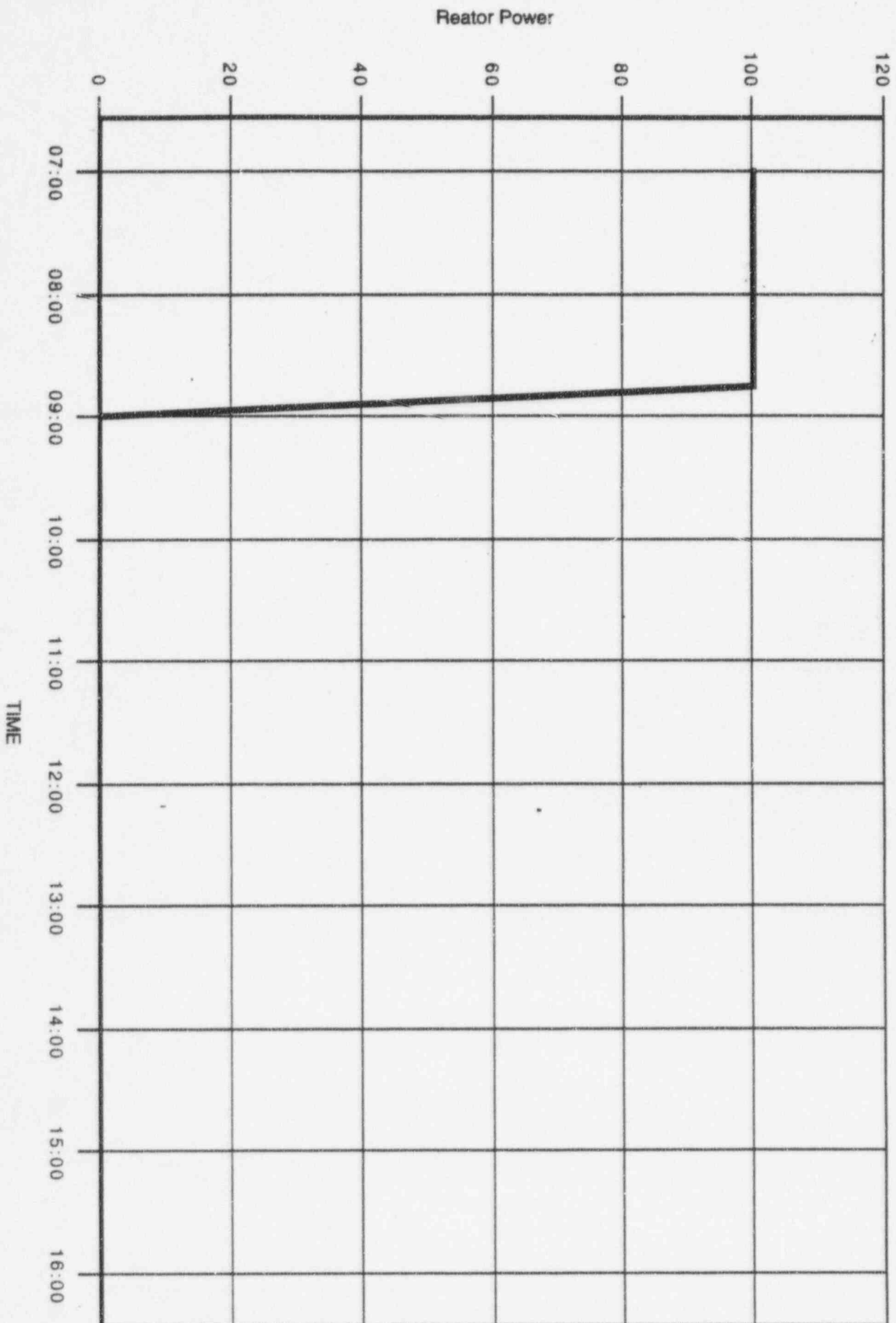
**1995 FIELD EXERCISE TIMELINE**  
**(Note: All events refer to Unit 1)**

TIME	MESSAGE NUMBER	SUMMARY
0645	1	INITIAL CONDITIONS ESTABLISHED FOR THE SIMULATOR CREW.
0700	NONE	START THE SCENARIO.
0715	NONE	25 GPM REACTOR COOLANT SYSTEM (RCS) LEAK, LOCATION UNKNOWN.
0730	NONE	NOTIFICATION OF UNUSUAL EVENT DECLARED DUE TO RCS LEAKAGE.
0740	2	CONTINGENCY MESSAGE PLANT CONDITIONS WARRANT DECLARATION OF A NOTIFICATION OF UNUSUAL EVENT.
0800	NONE	FIRE BEGINS IN TRAIN A EMERGENCY DIESEL GENERATOR. DIESEL BECOMES INOPERABLE.
0815	NONE	ALERT DECLARED DUE A FIRE GREATER THAN 15 MINUTES AFFECTING A SAFETY SYSTEM.
0825	3	CONTINGENCY MESSAGE PLANT CONDITIONS WARRANT DECLARATION OF AN ALERT.
0825	4	FIRE DECLARED OUT.
0845	5	CONTINGENCY MESSAGE EMERGENCY COORDINATOR IS DIRECTED TO RELOCATE TO THE TSC.
0900	NONE	LARGE BREAK LOSS OF COOLING ACCIDENT (LOCA) OCCURS, RESULTING IN A REACTOR TRIP AND SAFETY INJECTION.

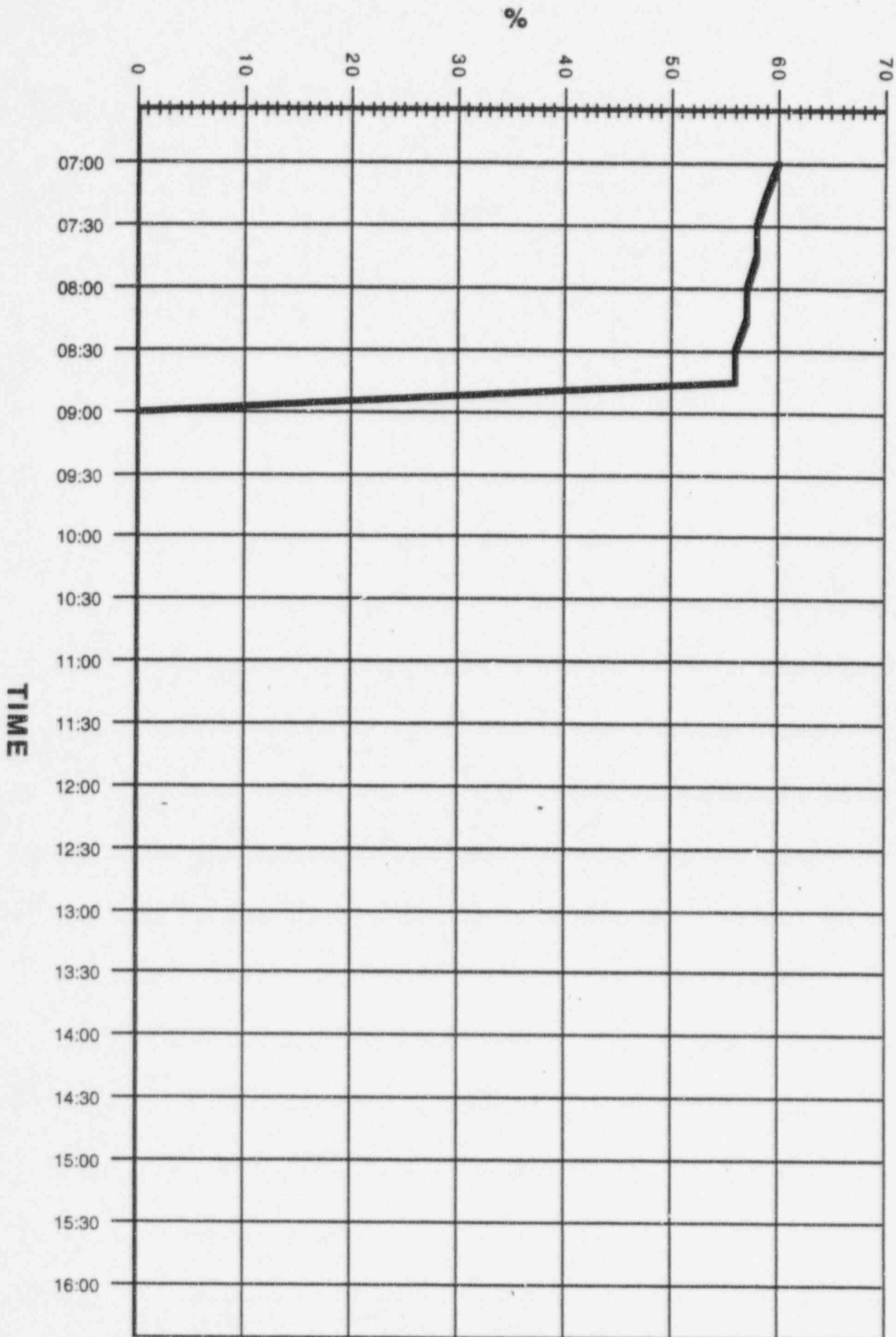
0905	NONE	AS CONTAINMENT PRESSURE INCREASES, CONTAINMENT PRESSURE RELIEF VALVE 1-HV-5548 AND VENTILATION DAMPER 1-HV-5574 FAIL PARTIALLY OPEN. THIS LEADS TO A MINOR RADIOACTIVE RELEASE.
0915	NONE	SITE AREA EMERGENCY DECLARED DUE TO RCS LEAKAGE.
0925	6	CONTINGENCY MESSAGE PLANT CONDITIONS WARRANT DECLARATION OF A SITE AREA EMERGENCY.
0925	NONE	RHR PUMP 1-02 SEIZES DUE TO DEBRIS. FOREIGN MATERIAL STOPS FULL CLOSURE OF SUMP SUCTION VALVE 8811B.
0930	NONE	1EA1 BUS FAULT RESULTS IN LOSS OF TRAIN A ECCS.
0945	NONE	RWST LOST AS SOURCE OF WATER FOR RCS.
1000	NONE	INDICATIONS SHOW THE CORE IS UNCOVERED AND OVERHEATING. RADIOACTIVE RELEASE CONTINUES.
1015	NONE	GENERAL EMERGENCY DECLARED DUE TO RCS LEAK, LOSS OF CORE COOLING AND LOSS OF CONTAINMENT.
1025	7	CONTINGENCY MESSAGE PLANT CONDITIONS WARRANT DECLARATION OF A GENERAL EMERGENCY.
1230	8	SHIFT RELIEF BEGINS FOR KEY OFFSITE PLAYERS.
1245	9	ERDC TEAM MEMBER CONTAMINATED AND INJURED.
1300	NONE	WIND SHIFT TO 240 DEGREES REQUIRES NEW PROTECTIVE ACTION RECOMMENDATION(PAR).
1330	10	CONTINGENCY MESSAGE CONDITIONS REQUIRE AN UPDATED PAR.
1400	11	BUS 1EA1 RETURNED TO SERVICE. RHR PUMP MAY BE STARTED, RESTORING CORE COOLING.
1500	11	THE EXERCISE IS TERMINATED AT THE DIRECTION OF THE LEAD CONTROLLER.

TU ELECTRIC  
COMANCHE PEAK STEAM ELECTRIC STATION  
1995 FIELD EXERCISE  
GRAPHS

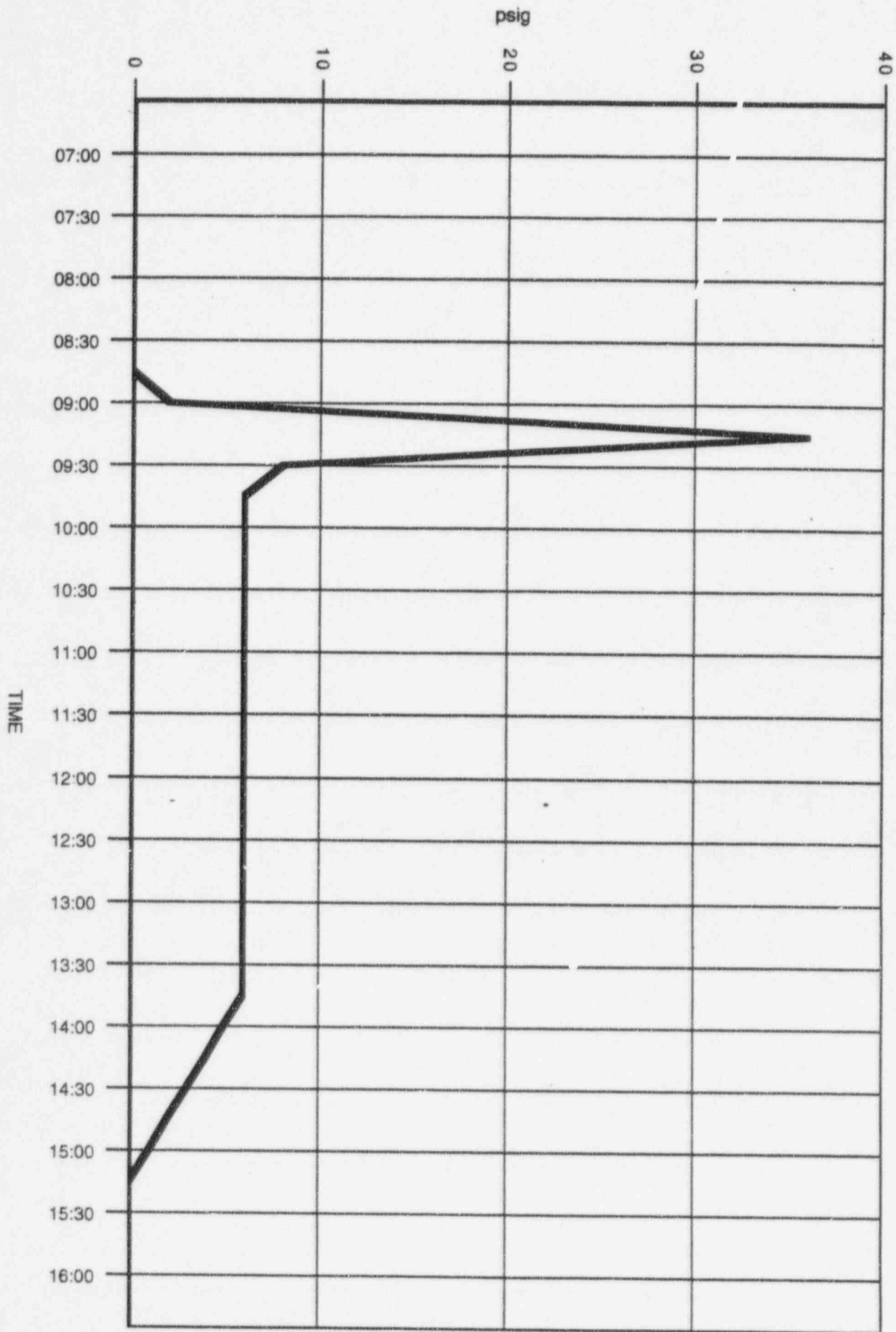
**UNIT 1**  
**REACTOR POWER**



**UNIT 1**  
**PRESSURIZER LEVEL**

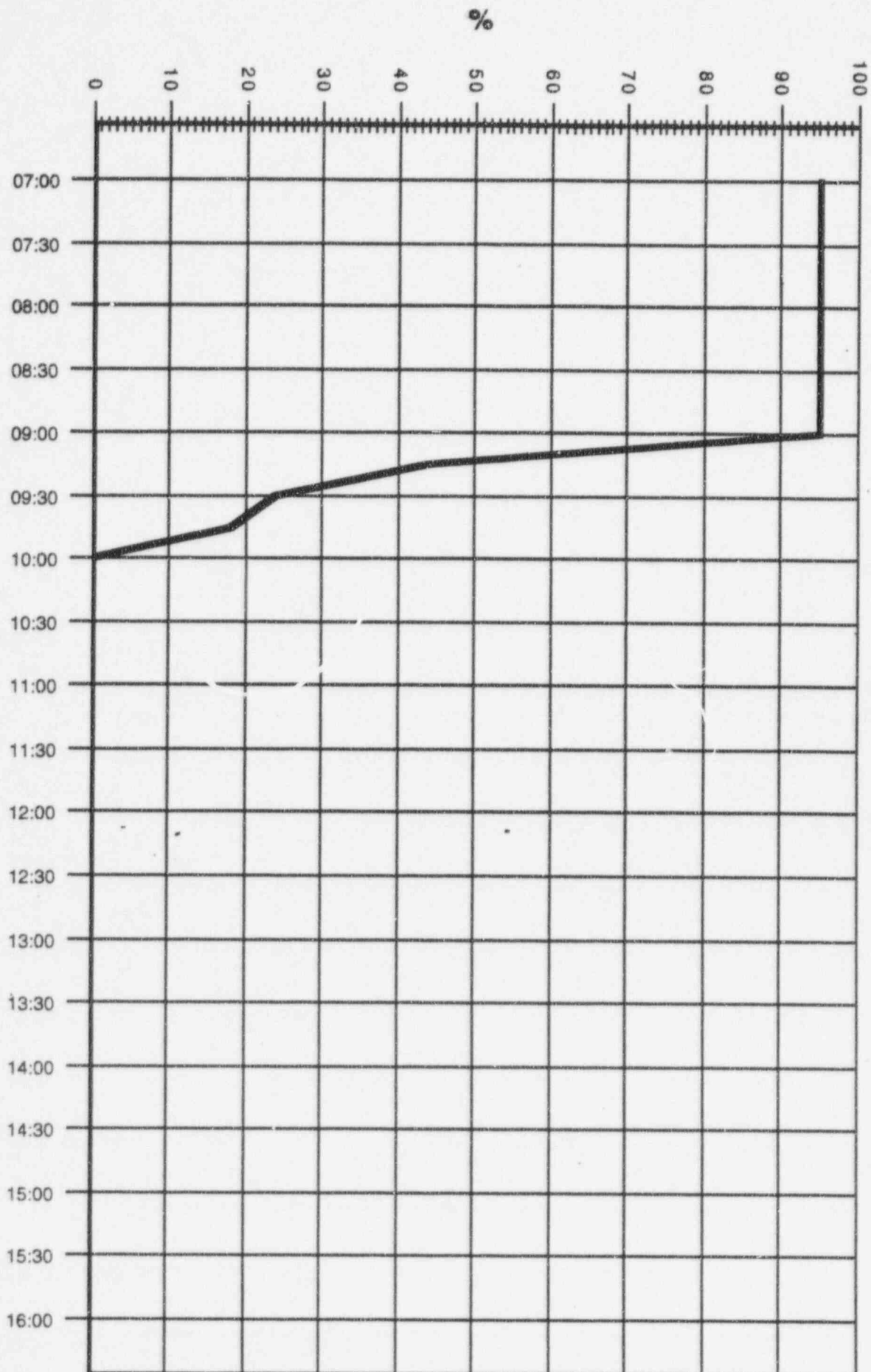


**UNIT 1**  
CONTAINMENT PRESSURE



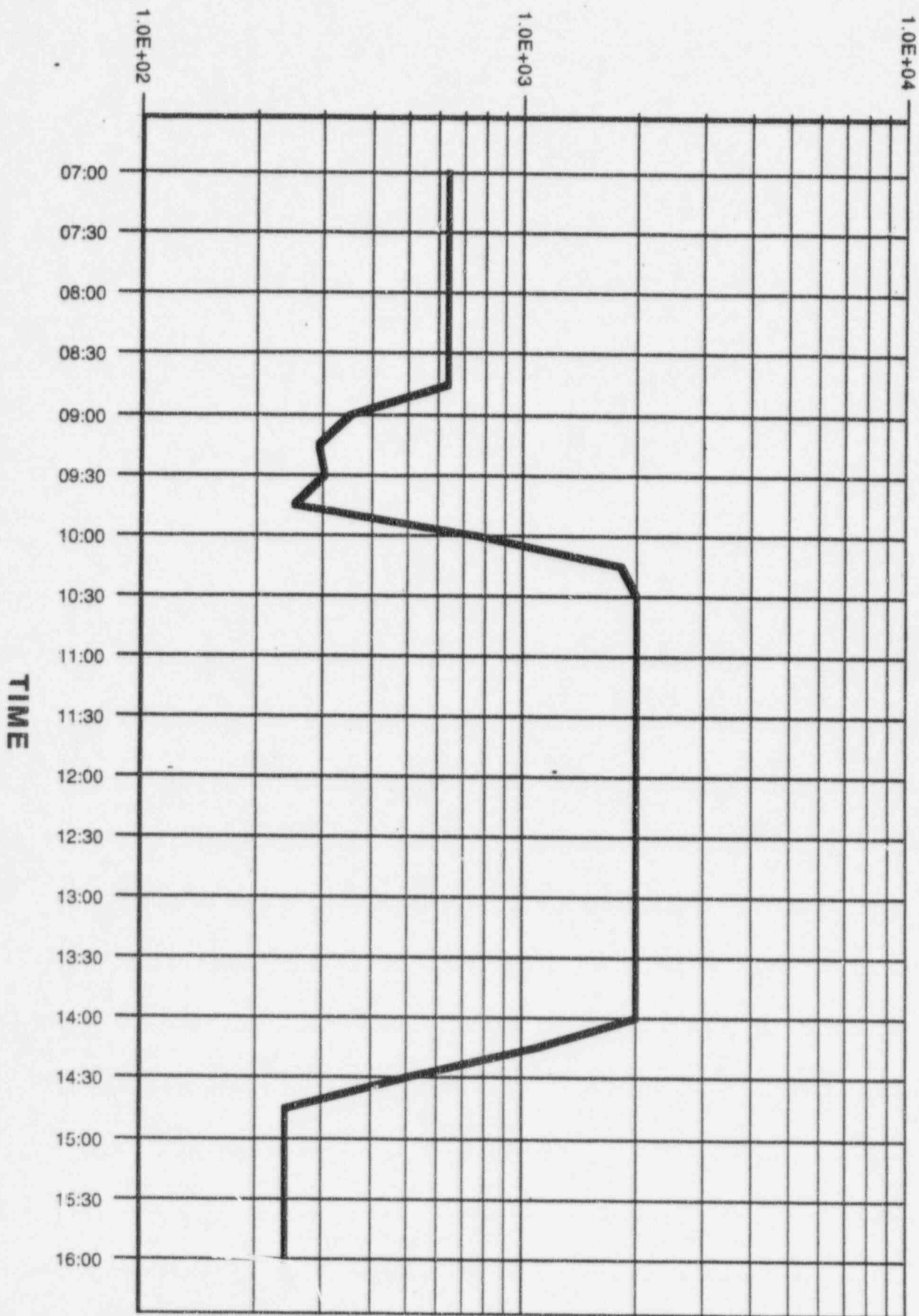
**UNIT 1**  
RWST LEVEL

**TIME**





Degrees F



UNIT 1  
HOTTEST CORE EXIT



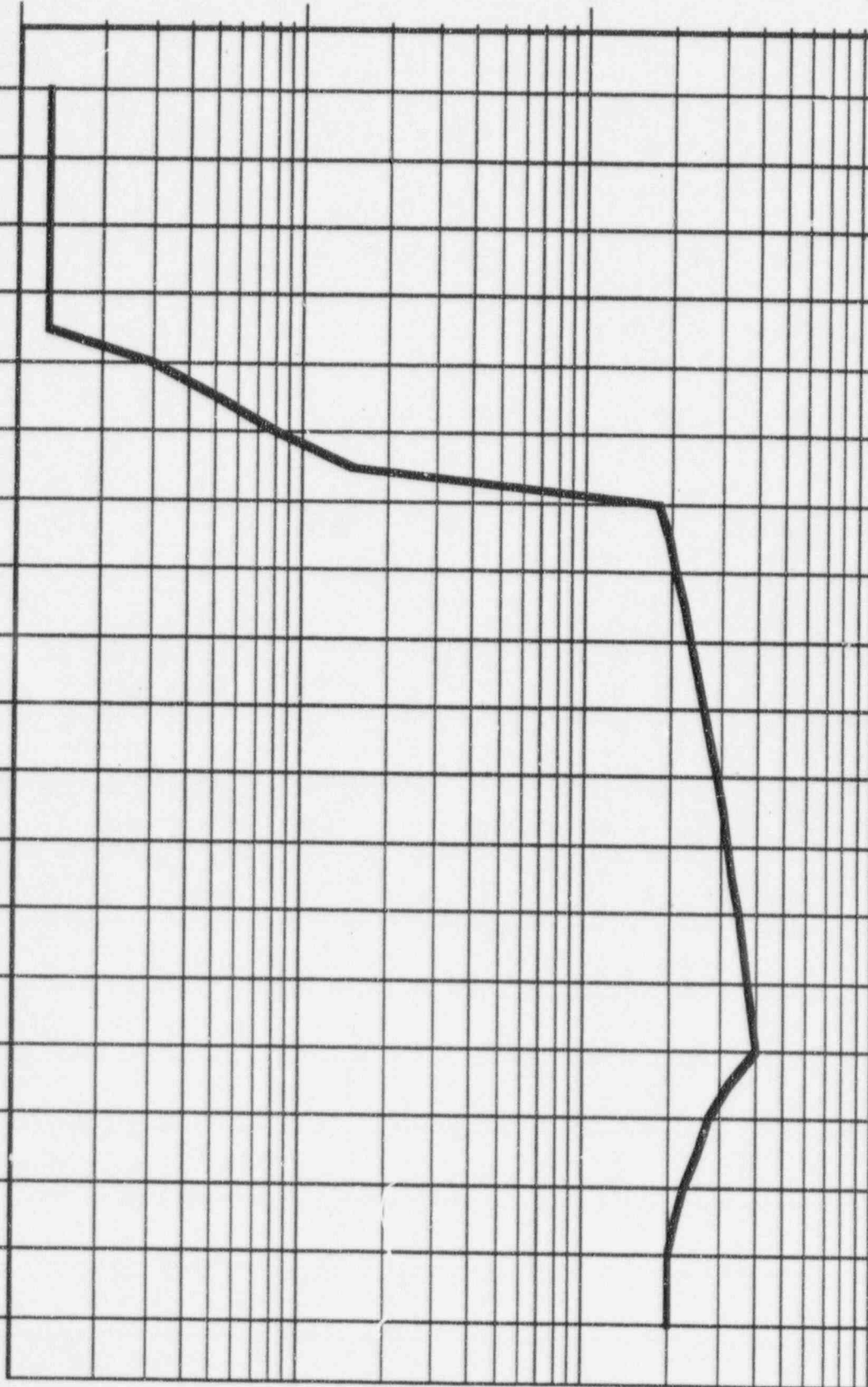
Rem/hr

1.0E+00 1.0E+01 1.0E+02 1.0E+03

07:00  
07:30  
08:00  
08:30  
09:00  
09:30  
10:00  
10:30  
11:00  
11:30  
12:00  
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14:30  
15:00  
15:30  
16:00

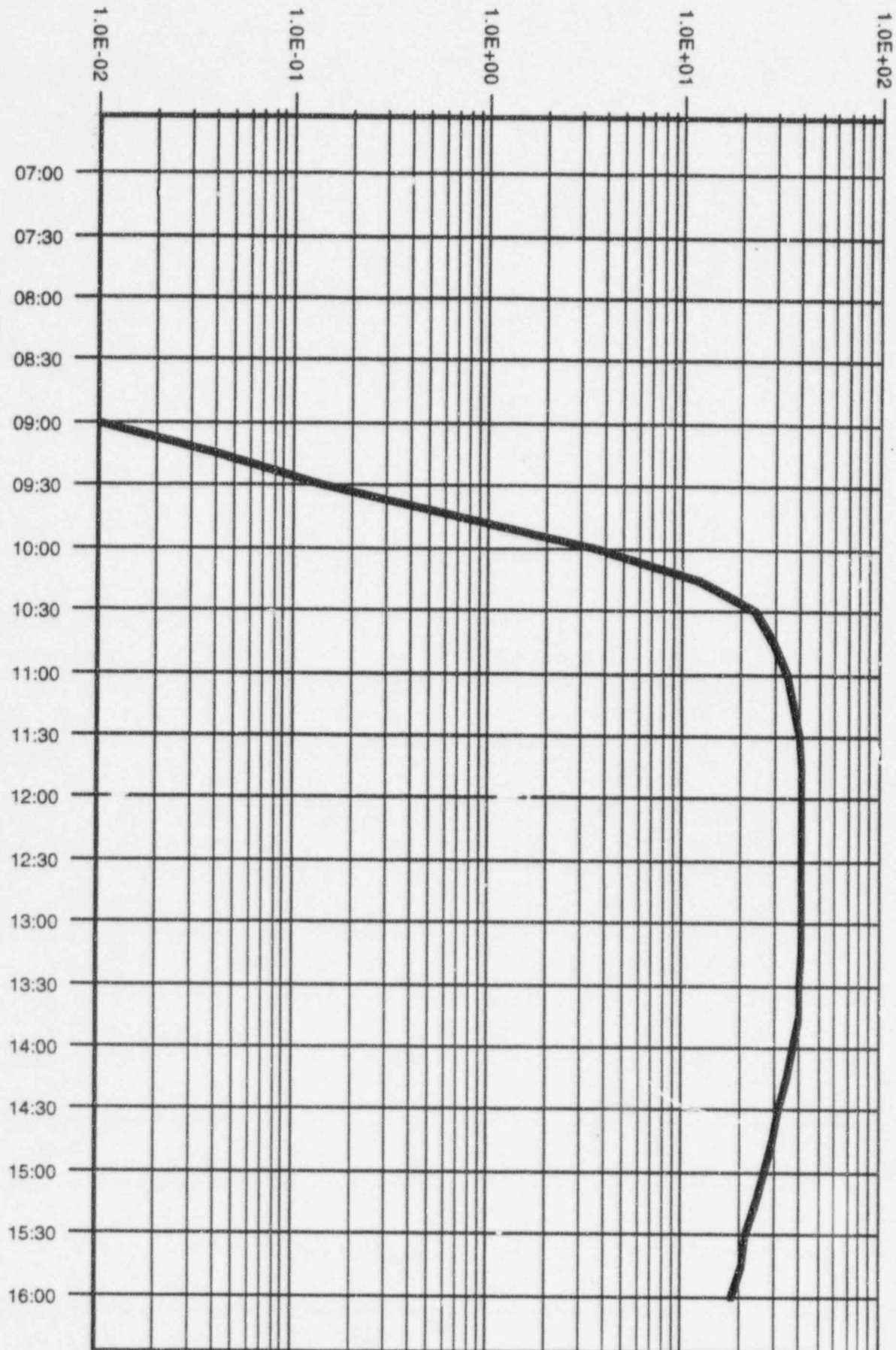
TIME

UNIT 1  
HRRM



uCi/sec

TIME



UNIT 1  
STACK WRGM

TU ELECTRIC  
COMANCHE PEAK STEAM ELECTRIC STATION  
1995 FIELD EXERCISE  
METEOROLOGICAL CONDITIONS

## METEOROLOGY INPUT DATA

Real Time	Wind Speed	Wind Dir.	Delta-t	Air Temp.	Amb. Press
07:00	5	225	-0.5	45	14.7
07:15	5	225	-0.5	45	14.7
07:30	5	225	-0.5	45	14.7
07:45	5	225	-0.6	46	14.7
08:00	5	225	-0.6	46	14.7
08:15	5	225	-0.6	47	14.7
08:30	5	225	-0.6	47	14.7
08:45	6	225	-0.6	47	14.7
09:00	6	227	-0.7	48	14.7
09:15	6	227	-0.7	48	14.7
09:30	6	227	-0.7	48	14.7
09:45	6	230	-0.7	49	14.7
10:00	7	230	-0.8	49	14.7
10:15	7	230	-0.8	49	14.7
10:30	7	230	-0.8	49	14.7
10:45	7	233	-0.8	49	14.7
11:00	7	233	-0.9	48	14.7
11:15	8	233	-0.9	48	14.7
11:30	8	233	-0.9	50	14.7
11:45	8	235	-0.9	50	14.7
12:00	8	235	-0.9	50	14.7
12:15	8	235	-1	50	14.7
12:30	9	235	-1	50	14.7
12:45	9	234	-1	50	14.7
13:00	9	240	-1	50	14.7
13:15	9	240	-1.1	50	14.7
13:30	10	240	-1.1	50	14.7
13:45	10	250	-1.1	50	14.7
14:00	10	250	-1.1	51	14.7
14:15	10	250	-1.1	51	14.7
14:30	11	250	-1.2	51	14.7
14:45	11	250	-1.2	51	14.7
15:00	11	250	-1.2	51	14.7

Wind Speed Units:	Miles/hour
Wind Direction Units:	Degrees
Delta-t Units:	Deg. F/50 m
Air Temperature Units:	Fahrenheit
Ambient Pressure Units:	Psia

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1995 FIELD EXERCISE  
OFFSITE SURVEY DATA

State of Texas

1995 Graded Exercise

06-December-1995

REAL TIME: 07:00

RELATIVE TIME: H+00:00

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OFFSITE RADIOLOGICAL SURVEY DATA

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-----METEOROLOGICAL DATA-----		-----RELEASE DATA-----	
WIND SPEED (MPH)	5.00	NOBLE GAS (CI/SEC)	0.000E+00
DELTA-T (DEG. F/50M)	-0.50	IODINE (CI/SEC)	0.000E+00
STABILITY CLASS (PASQUILL)	D	PARTICULATE (CI/SEC)	0.000E+00
WIND DIRECTION (DEGREES)	225.0	TOTAL (CI/SEC)	0.000E+00
PLUME TRAVEL (MI)	0.000E+00	AVERAGE GAMMA (MEV/DIS)	0.00
PLUME TRAILING EDGE (MI)	0.000E+00	AVERAGE BETA (MEV/DIS)	0.00

1995 Graded Exercise

State of Texas

1995 Graded Exercise

06-December-1995

REAL TIME: 07:15

RELATIVE TIME: H+00:15

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OFFSITE RADIOLOGICAL SURVEY DATA

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-----METEOROLOGICAL DATA-----			-----RELEASE DATA-----		
WIND SPEED (MPH)	5.00		NOBLE GAS (CI/SEC)	0.000E+00	
DELTA-T (DEG. F/50M)	-0.50		IODINE (CI/SEC)	0.000E+00	
STABILITY CLASS (PASQUILL)	D		PARTICULATE (CI/SEC)	0.000E+00	
WIND DIRECTION (DEGREES)	225.0		TOTAL (CI/SEC)	0.000E+00	
PLUME TRAVEL (MI)	0.000E+00		AVERAGE GAMMA (MEV/DIS)	0.00	
PLUME TRAILING EDGE (MI)	0.000E+00		AVERAGE BETA (MEV/DIS)	0.00	

1995 Graded Exercise

State of Texas

1995 Graded Exercise

06-December-1995

REAL TIME: 07:30

RELATIVE TIME: H+00:30

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OFFSITE RADIOLOGICAL SURVEY DATA  
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-----METEOROLOGICAL DATA-----		-----RELEASE DATA-----	
WIND SPEED (MPH)	5.00	NOBLE GAS (CI/SEC)	0.000E+00
DELTA-T (DEG. F/50M)	-0.50	IODINE (CI/SEC)	0.000E+00
STABILITY CLASS (PASQUILL)	D	PARTICULATE (CI/SEC)	0.000E+00
WIND DIRECTION (DEGREES)	225.0	TOTAL (CI/SEC)	0.000E+00
PLUME TRAVEL (MI)	0.000E+00	AVERAGE GAMMA (MEV/DIS)	0.00
PLUME TRAILING EDGE (MI)	0.000E+00	AVERAGE BETA (MEV/DIS)	0.00

1995 Graded Exercise



State of Texas

1995 Graded Exercise

06-December-1995

REAL TIME: 07:45

RELATIVE TIME: H+00:45

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OFFSITE RADIOLOGICAL SURVEY DATA  
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-----METEOROLOGICAL DATA-----		-----RELEASE DATA-----	
WIND SPEED (MPH)	5.00	NOBLE GAS (CI/SEC)	0.000E+00
DELTA-T (DEG. F/50M)	-0.60	IODINE (CI/SEC)	0.000E+00
STABILITY CLASS (PASQUILL)	D	PARTICULATE (CI/SEC)	0.000E+00
WIND DIRECTION (DEGREES)	225.0	TOTAL (CI/SEC)	0.000E+00
PLUME TRAVEL (MI)	0.000E+00	AVERAGE GAMMA (MEV/DIS)	0.00
PLUME TRAILING EDGE (MI)	0.000E+00	AVERAGE BETA (MEV/DIS)	0.00

1995 Graded Exercise

State of Texas

1995 Graded Exercise

06-December-1995

REAL TIME: 08:00

RELATIVE TIME: H+01:00

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OFFSITE RADIOLOGICAL SURVEY DATA

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-----METEOROLOGICAL DATA-----			-----RELEASE DATA-----		
WIND SPEED (MPH)	5.00		NOBLE GAS (CI/SEC)	0.000E+00	
DELTA-T (DEG. F/50M)	-0.60		IODINE (CI/SEC)	0.000E+00	
STABILITY CLASS (PASQUILL)	D		PARTICULATE (CI/SEC)	0.000E+00	
WIND DIRECTION (DEGREES)	225.0		TOTAL (CI/SEC)	0.000E+00	
PLUME TRAVEL (MI)	0.000E+00		AVERAGE GAMMA (MEV/DIS)	0.00	
PLUME TRAILING EDGE (MI)	0.000E+00		AVERAGE BETA (MEV/DIS)	0.00	

1995 Graded Exercise

State of Texas

1995 Graded Exercise

06-December-1995

REAL TIME: 08:15

RELATIVE TIME: H+01:15

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OFFSITE RADIOLOGICAL SURVEY DATA

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-----METEOROLOGICAL DATA-----		-----RELEASE DATA-----	
WIND SPEED (MPH)	5.00	NOBLE GAS (CI/SEC)	0.000E+00
DELTA-T (DEG. F/50M)	-0.60	IODINE (CI/SEC)	0.000E+00
STABILITY CLASS (PASQUILL)	D	PARTICULATE (CI/SEC)	0.000E+00
WIND DIRECTION (DEGREES)	225.0	TOTAL (CI/SEC)	0.000E+00
PLUME TRAVEL (MI)	0.000E+00	AVERAGE GAMMA (MEV/DIS)	0.00
PLUME TRAILING EDGE (MI)	0.000E+00	AVERAGE BETA (MEV/DIS)	0.00

1995 Graded Exercise

State of Texas

1995 Graded Exercise

06-December-1995

REAL TIME: 08:30

RELATIVE TIME: H+01:30

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OFFSITE RADIOLOGICAL SURVEY DATA

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-----METEOROLOGICAL DATA-----		-----RELEASE DATA-----	
WIND SPEED (MPH)	5.00	NOBLE GAS (CI/SEC)	0.000E+00
DELTA-T (DEG. F/50M)	-0.60	IODINE (CI/SEC)	0.000E+00
STABILITY CLASS (PASQUILL)	D	PARTICULATE (CI/SEC)	0.000E+00
WIND DIRECTION (DEGREES)	225.0	TOTAL (CI/SEC)	0.000E+00
PLUME TRAVEL (MI)	0.000E+00	AVERAGE GAMMA (MEV/DIS)	0.00
PLUME TRAILING EDGE (MI)	0.000E+00	AVERAGE BETA (MEV/DIS)	0.00

1995 Graded Exercise

State of Texas

1995 Graded Exercise

06-December-1995

REAL TIME: 08:45

RELATIVE TIME: H+01:45

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OFFSITE RADIOLOGICAL SURVEY DATA  
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-----METEOROLOGICAL DATA-----		-----RELEASE DATA-----	
WIND SPEED (MPH)	6.00	NOBLE GAS (CI/SEC)	0.000E+00
DELTA-T (DEG. F/50M)	-0.60	IODINE (CI/SEC)	0.000E+00
STABILITY CLASS (PASQUILL)	D	PARTICULATE (CI/SEC)	0.000E+00
WIND DIRECTION (DEGREES)	225.0	TOTAL (CI/SEC)	0.000E+00
PLUME TRAVEL (MI)	0.000E+00	AVERAGE GAMMA (MEV/DIS)	0.00
PLUME TRAILING EDGE (MI)	0.000E+00	AVERAGE BETA (MEV/DIS)	0.00

1995 Graded Exercise

State of Texas

1995 Graded Exercise

06-December-1995

REAL TIME: 09:00

RELATIVE TIME: H+02:00

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OFFSITE RADIOLOGICAL SURVEY DATA  
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-----METEOROLOGICAL DATA-----		-----RELEASE DATA-----	
WIND SPEED (MPH)	6.00	NOBLE GAS (CI/SEC)	0.000E+00
DELTA-T (DEG. F/50M)	-0.70	IODINE (CI/SEC)	0.000E+00
STABILITY CLASS (PASQUILL)	D	PARTICULATE (CI/SEC)	0.000E+00
WIND DIRECTION (DEGREES)	227.0	TOTAL (CI/SEC)	0.000E+00
PLUME TRAVEL (MI)	0.000E+00	AVERAGE GAMMA (MEV/DIS)	0.00
PLUME TRAILING EDGE (MI)	0.000E+00	AVERAGE BETA (MEV/DIS)	0.00

1995 Graded Exercise

## State of Texas

1995 Graded Exercise

06-December-1995

REAL TIME: 09:15

RELATIVE TIME: H+02:15

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## OFFSITE RADIOLOGICAL SURVEY DATA

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## -----METEOROLOGICAL DATA-----

WIND SPEED (MPH)	6.00
DELTA-T (DEG. F/50M)	-0.70
STABILITY CLASS (PASQUILL)	D
WIND DIRECTION (DEGREES)	227.0
PLUME TRAVEL (MI)	1.503E+00
PLUME TRAILING EDGE (MI)	0.000E+00

## -----RELEASE DATA-----

NOBLE GAS (CI/SEC)	4.084E-02
IODINE (CI/SEC)	2.600E-04
PARTICULATE (CI/SEC)	5.543E-03
TOTAL (CI/SEC)	4.665E-02
AVERAGE GAMMA (MEV/DIS)	0.88
AVERAGE BETA (MEV/DIS)	0.37

1995 Graded Exercise

LOCATION		DOSE RATE		AIR CONCENTRATION				AIR SAMPLE CPM		GROUND DEPOSITION		BACKGROUN
DOWN	DIST.	CLOSED	OPEN	GROSS	GROSS	NOBLE	IODINE	GROSS	GROSS	GROSS	NET	BACKGROUN
WIND	OFF	WINDOW	WINDOW	IODINE	PART.	GAS	131	IODINE	PART.	DEPOSIT.	GROUND	COUNT
DIST	CENT.	DOSE R.	DOSE R.	ACTIVITY	ACTIVITY	ACTIVITY	ACTIVITY	COUNT R.	COUNT R.	COUNT R.	DEPOSIT.	RATE
(MI)	(MI)	(MR/HR)	(MR/HR)	(UCI/CC)	(UCI/CC)	(UCI/CC)	(UCI/CC)	(CPM)	(CPM)	(CPM)	(UCI/M2)	(CPM)
0.5	0.00	1.26	2.09	8.50E-09	1.81E-07	1.39E-06	9.68E-10	4.47E+02	1.03E+04	5.89E+02	1.71E+00	20
	0.04	0.77	1.27	5.15E-09	1.10E-07	8.41E-07	5.87E-10	2.79E+02	6.24E+03	3.65E+02	1.04E+00	20
	0.08	0.17	0.28	1.15E-09	2.45E-08	1.88E-07	1.31E-10	7.78E+01	1.41E+03	9.70E+01	2.31E-01	20
	0.12	0.01	0.02	9.44E-11	2.01E-09	1.54E-08	1.08E-11	2.47E+01	1.34E+02	2.63E+01	1.90E-02	20
1.0	0.00	0.57	0.94	3.73E-09	7.95E-08	6.27E-07	4.25E-10	2.07E+02	4.52E+03	2.69E+02	7.49E-01	20
	0.07	0.35	0.57	2.26E-09	4.82E-08	3.80E-07	2.58E-10	1.34E+02	2.75E+03	1.71E+02	4.54E-01	20
	0.15	0.08	0.13	5.04E-10	1.08E-08	8.49E-08	5.75E-11	4.54E+01	6.29E+02	5.38E+01	1.01E-01	20
	0.22	0.01	0.01	4.14E-11	8.83E-10	6.97E-09	4.72E-12	2.21E+01	7.00E+01	2.28E+01	8.32E-03	20
1.5	0.00	0.33	0.55	2.19E-09	4.67E-08	3.68E-07	2.49E-10	1.30E+02	2.66E+03	1.66E+02	4.40E-01	20
	0.11	0.20	0.34	1.33E-09	2.83E-08	2.23E-07	1.51E-10	8.67E+01	1.62E+03	1.09E+02	2.67E-01	20
	0.22	0.05	0.07	2.96E-10	6.31E-09	4.98E-08	3.37E-11	3.49E+01	3.77E+02	3.98E+01	5.95E-02	20
	0.32	0.00	0.01	2.43E-11	5.18E-10	4.09E-09	2.77E-12	2.12E+01	4.93E+01	2.16E+01	4.88E-03	20

1995 Graded Exercise

## State of Texas

1995 Graded Exercise

06-December-1995

REAL TIME: 09:30

RELATIVE TIME: H+02:30

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## OFFSITE RADIOLOGICAL SURVEY DATA

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-----METEOROLOGICAL DATA-----						-----RELEASE DATA-----	
WIND SPEED (MPH)	6.00	NOBLE GAS (CI/SEC)	1.379E-01				
DELTA-T (DEG. F/50M)	-0.70	IODINE (CI/SEC)	6.452E-04				
STABILITY CLASS (PASQUILL)	D	PARTICULATE (CI/SEC)	1.528E-02				
WIND DIRECTION (DEGREES)	227.0	TOTAL (CI/SEC)	1.538E-01				
PLUME TRAVEL (MI)	3.006E+00	AVERAGE GAMMA (MEV/DIS)	0.79				
PLUME TRAILING EDGE (MI)	0.000E+00	AVERAGE BETA (MEV/DIS)	0.37				

1995 Graded Exercise

LOCATION		DOSE RATE		AIR CONCENTRATION				AIR SAMPLE CPM		GROUND DEPOSITION		BACKGROUND
DOWN	DIST.	CLOSED	OPEN	GROSS	GROSS	NOBLE	IODINE	GROSS	GROSS	GROSS	NET	BACKGROUND
WIND	OFF	WINDOW	WINDOW	IODINE	PART.	GAS	131	IODINE	PART.	DEPOSIT.	GROUND	COUNT
DIST	CENT.	DOSE R.	DOSE R.	ACTIVITY	ACTIVITY	ACTIVITY	ACTIVITY	COUNT R.	COUNT R.	COUNT R.	DEPOSIT.	RATE
(MI)	(MI)	(MR/HR)	(MR/HR)	(UCI/CC)	(UCI/CC)	(UCI/CC)	(UCI/CC)	(CPM)	(CPM)	(CPM)	(UCI/M2)	(CPM)
0.5	0.00	3.39	5.87	2.11E-08	5.00E-07	4.68E-06	2.56E-09	1.08E+03	2.83E+04	1.99E+03	5.91E+00	20
	0.04	2.06	3.56	1.28E-08	3.03E-07	2.84E-06	1.56E-09	6.63E+02	1.72E+04	1.21E+03	3.58E+00	20
	0.08	0.46	0.79	2.85E-09	6.77E-08	6.34E-07	3.47E-10	1.64E+02	3.85E+03	2.86E+02	8.00E-01	20
	0.12	0.04	0.07	2.34E-10	5.55E-09	5.20E-08	2.85E-11	3.18E+01	3.34E+02	4.19E+01	6.56E-02	20
1.0	0.00	1.53	2.65	9.25E-09	2.19E-07	2.12E-06	1.12E-09	4.85E+02	1.24E+04	8.83E+02	2.59E+00	20
	0.07	0.93	1.60	5.61E-09	1.33E-07	1.28E-06	6.82E-10	3.02E+02	7.54E+03	5.43E+02	1.57E+00	20
	0.15	0.21	0.36	1.25E-09	2.97E-08	2.87E-07	1.52E-10	8.29E+01	1.70E+03	1.37E+02	3.51E-01	20
	0.22	0.02	0.03	1.03E-10	2.44E-09	2.35E-08	1.25E-11	2.52E+01	1.58E+02	2.96E+01	2.88E-02	20
1.5	0.00	0.90	1.55	5.43E-09	1.29E-07	1.24E-06	6.60E-10	2.93E+02	7.30E+03	5.26E+02	1.52E+00	20
	0.11	0.54	0.94	3.29E-09	7.80E-08	7.54E-07	4.00E-10	1.86E+02	4.44E+03	3.27E+02	9.22E-01	20
	0.22	0.12	0.21	7.34E-10	1.74E-08	1.68E-07	8.93E-11	5.69E+01	1.01E+03	8.85E+01	2.06E-01	20
	0.32	0.01	0.02	6.03E-11	1.43E-09	1.38E-08	7.33E-12	2.30E+01	1.01E+02	2.56E+01	1.69E-02	20
2.0	0.00	0.22	0.37	1.39E-09	2.97E-08	2.49E-07	1.58E-10	8.99E+01	1.70E+03	1.13E+02	2.80E-01	20
	0.14	0.14	0.23	8.43E-10	1.80E-08	1.51E-07	9.61E-11	6.24E+01	1.04E+03	7.65E+01	1.70E-01	20
	0.28	0.03	0.05	1.88E-10	4.02E-09	3.37E-08	2.14E-11	2.95E+01	2.47E+02	3.26E+01	3.79E-02	20
	0.42	0.00	0.00	1.54E-11	3.30E-10	2.77E-09	1.76E-12	2.08E+01	3.87E+01	2.10E+01	3.11E-03	20
3.0	0.00	0.13	0.22	8.18E-10	1.75E-08	1.44E-07	9.33E-11	6.12E+01	1.01E+03	7.48E+01	1.65E-01	20
	0.20	0.08	0.13	4.96E-10	1.06E-08	8.75E-08	5.66E-11	4.50E+01	6.20E+02	5.33E+01	9.99E-02	20
	0.39	0.02	0.03	1.11E-10	2.37E-09	1.95E-08	1.26E-11	2.56E+01	1.54E+02	2.74E+01	2.23E-02	20
	0.59	0.00	0.00	9.09E-12	1.94E-10	1.60E-09	1.04E-12	2.05E+01	3.10E+01	2.06E+01	1.83E-03	20

1995 Graded Exercise



## State of Texas

1995 Graded Exercise

06-December-1995

REAL TIME: 09:45

RELATIVE TIME: H+02:45

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## OFFSITE RADIOLOGICAL SURVEY DATA

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-----METEOROLOGICAL DATA-----						-----RELEASE DATA-----	
WIND SPEED (MPH)	6.00	NOBLE GAS (CI/SEC)	7.470E-01				
DELTA-T (DEG. F/50M)	-0.70	IODINE (CI/SEC)	2.804E-03				
STABILITY CLASS (PASQUILL)	D	PARTICULATE (CI/SEC)	5.100E-02				
WIND DIRECTION (DEGREES)	230.0	TOTAL (CI/SEC)	8.008E-01				
PLUME TRAVEL (MI)	4.509E+00	AVERAGE GAMMA (MEV/DIS)	0.69				
PLUME TRAILING EDGE (MI)	0.000E+00	AVERAGE BETA (MEV/DIS)	0.34				

1995 Graded Exercise

LOCATION		DOSE RATE		AIR CONCENTRATION				AIR SAMPLE CPM		GROUND DEPOSITION		BACKGROUND
DOWN	DIST.	CLOSED	OPEN	GROSS	GROSS	NOBLE	IODINE	GROSS	GROSS	GROSS	NET	BACKGROUN
WIND	OFF	WINDOW	WINDOW	IODINE	PART.	GAS	131	IODINE	PART.	DEPOSIT.	GROUND	COUNT
DIST	CENT.	DOSE R.	DOSE R.	ACTIVITY	ACTIVITY	ACTIVITY	ACTIVITY	COUNT R.	COUNT R.	COUNT R.	DEPOSIT.	RATE
(MI)	(MI)	(MR/HR)	(MR/HR)	(UCI/CC)	(UCI/CC)	(UCI/CC)	(UCI/CC)	(CPM)	(CPM)	(CPM)	(UCI/M2)	(CPM)
0.5	0.00	14.72	26.71	9.16E-08	1.67E-06	2.54E-05	1.18E-08	4.63E+03	9.44E+04	6.68E+03	2.00E+01	20
	0.04	8.93	16.20	5.56E-08	1.01E-06	1.54E-05	7.17E-09	2.82E+03	5.73E+04	4.06E+03	1.21E+01	20
	0.08	1.99	3.61	1.24E-08	2.26E-07	3.43E-06	1.60E-09	6.44E+02	1.28E+04	9.21E+02	2.71E+00	20
	0.12	0.16	0.30	1.02E-09	1.85E-08	2.82E-07	1.31E-10	7.12E+01	1.07E+03	9.40E+01	2.22E-01	20
1.0	0.00	6.64	12.06	4.02E-08	7.32E-07	1.15E-05	5.19E-09	2.04E+03	4.14E+04	2.94E+03	8.77E+00	20
	0.07	4.03	7.31	2.44E-08	4.44E-07	6.96E-06	3.15E-09	1.25E+03	2.51E+04	1.79E+03	5.32E+00	20
	0.15	0.90	1.63	5.44E-09	9.90E-08	1.55E-06	7.02E-10	2.94E+02	5.62E+03	4.15E+02	1.19E+00	20
	0.22	0.07	0.13	4.47E-10	8.13E-09	1.27E-07	5.76E-11	4.25E+01	4.80E+02	5.24E+01	9.74E-02	20
1.5	0.00	3.90	7.08	2.36E-08	4.29E-07	6.74E-06	3.04E-09	1.21E+03	2.43E+04	1.73E+03	5.15E+00	20
	0.11	2.37	4.29	1.43E-08	2.60E-07	4.09E-06	1.85E-09	7.39E+02	1.48E+04	1.06E+03	3.12E+00	20
	0.22	0.53	0.96	3.19E-09	5.81E-08	9.12E-07	4.12E-10	1.81E+02	3.31E+03	2.52E+02	6.96E-01	20
	0.32	0.04	0.08	2.62E-10	4.77E-09	7.48E-08	3.38E-11	3.32E+01	2.90E+02	3.90E+01	5.72E-02	20
2.0	0.00	0.60	1.04	3.45E-09	8.19E-08	8.41E-07	4.20E-10	1.94E+02	4.65E+03	3.41E+02	9.65E-01	20
	0.14	0.37	0.63	2.09E-09	4.97E-08	5.10E-07	2.55E-10	1.25E+02	2.83E+03	2.15E+02	5.85E-01	20
	0.28	0.08	0.14	4.67E-10	1.11E-08	1.14E-07	5.68E-11	4.35E+01	6.47E+02	6.35E+01	1.31E-01	20
	0.42	0.01	0.01	3.83E-11	9.10E-10	9.34E-09	4.66E-12	2.19E+01	7.15E+01	2.36E+01	1.07E-02	20
3.0	0.00	0.35	0.61	2.03E-09	4.82E-08	4.87E-07	2.47E-10	1.22E+02	2.75E+03	2.09E+02	5.68E-01	20
	0.20	0.21	0.37	1.23E-09	2.92E-08	2.95E-07	1.50E-10	8.20E+01	1.67E+03	1.35E+02	3.44E-01	20
	0.39	0.05	0.08	2.75E-10	6.52E-09	6.59E-08	3.34E-11	3.38E+01	3.89E+02	4.56E+01	7.69E-02	20
	0.59	0.00	0.01	2.26E-11	5.36E-10	5.41E-09	2.74E-12	2.11E+01	5.03E+01	2.21E+01	6.31E-03	20
4.0	0.00	0.09	0.15	5.36E-10	1.15E-08	9.82E-08	6.11E-11	4.70E+01	6.69E+02	5.60E+01	1.08E-01	20
	0.25	0.05	0.09	3.25E-10	6.95E-09	5.96E-08	3.71E-11	3.64E+01	4.14E+02	4.18E+01	6.55E-02	20
	0.50	0.01	0.02	7.26E-11	1.55E-09	1.33E-08	8.27E-12	2.37E+01	1.08E+02	2.49E+01	1.46E-02	20
	0.75	0.00	0.00	5.96E-12	1.27E-10	1.09E-09	6.79E-13	2.03E+01	2.72E+01	2.04E+01	1.20E-03	20

## State of Texas

1995 Graded Exercise

06-December-1995

REAL TIME: 10:00

RELATIVE TIME: H+03:00

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## OFFSITE RADIOLOGICAL SURVEY DATA

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## -----METEOROLOGICAL DATA-----

WIND SPEED (MPH) 7.00  
 DELTA-T (DEG. F/50M) -0.80  
 STABILITY CLASS (PASQUILL) D  
 WIND DIRECTION (DEGREES) 230.0  
 PLUME TRAVEL (MI) 6.262E+00  
 PLUME TRAILING EDGE (MI) 0.000E+00

## -----RELEASE DATA-----

NOBLE GAS (CI/SEC) 3.557E+00  
 IODINE (CI/SEC) 1.351E-02  
 PARTICULATE (CI/SEC) 1.616E-01  
 TOTAL (CI/SEC) 3.732E+00  
 AVERAGE GAMMA (MEV/DIS) 0.62  
 AVERAGE BETA (MEV/DIS) 0.32

1995 Graded Exercise

LOCATION		DOSE RATE		AIR CONCENTRATION				AIR SAMPLE CPM		GROUND DEPOSITION		BACKGROUN
DOWN	DIST.	CLOSED	OPEN	GROSS	GROSS	NOBLE	IODINE	GROSS	GROSS	GROSS	NET	BACKGROUN
WIND	OFF	WINDOW	WINDOW	IODINE	PART.	GAS	131	IODINE	PART.	DEPOSIT.	GROUND	COUNT
DIST	CENT.	DOSE R.	DOSE R.	ACTIVITY	ACTIVITY	ACTIVITY	ACTIVITY	COUNT R.	COUNT R.	COUNT R.	DEPOSIT.	RATE
(MI)	(MI)	(MR/HR)	(MR/HR)	(UCI/CC)	(UCI/CC)	(UCI/CC)	(UCI/CC)	(CPM)	(CPM)	(CPM)	(UCI/M2)	(CPM)
0.5	0.00	50.51	96.08	3.78E-07	4.53E-06	1.04E-04	5.16E-08	1.91E+04	2.56E+05	1.93E+04	5.80E+01	20
	0.04	30.64	58.27	2.30E-07	2.75E-06	6.28E-05	3.13E-08	1.16E+04	1.55E+05	1.17E+04	3.52E+01	20
	0.08	6.84	13.00	5.12E-08	6.13E-07	1.40E-05	6.98E-09	2.60E+03	3.47E+04	2.63E+03	7.85E+00	20
	0.12	0.56	1.07	4.20E-09	5.03E-08	1.15E-06	5.73E-10	2.31E+02	2.87E+03	2.35E+02	6.44E-01	20
1.0	0.00	22.82	43.40	1.66E-07	1.99E-06	4.68E-05	2.26E-08	8.37E+03	1.12E+05	8.49E+03	2.54E+01	20
	0.07	13.84	26.32	1.01E-07	1.20E-06	2.84E-05	1.37E-08	5.08E+03	6.82E+04	5.16E+03	1.54E+01	20
	0.15	3.09	5.87	2.25E-08	2.69E-07	6.34E-06	3.06E-09	1.15E+03	1.52E+04	1.17E+03	3.44E+00	20
	0.22	0.25	0.48	1.84E-09	2.21E-08	5.20E-07	2.51E-10	1.13E+02	1.27E+03	1.14E+02	2.83E-01	20
1.5	0.00	13.39	25.48	9.74E-08	1.17E-06	2.75E-05	1.33E-08	4.92E+03	6.60E+04	4.99E+03	1.49E+01	20
	0.11	8.12	15.45	5.91E-08	7.07E-07	1.67E-05	8.05E-09	2.99E+03	4.00E+04	3.03E+03	9.05E+00	20
	0.22	1.81	3.45	1.32E-08	1.58E-07	3.72E-06	1.80E-09	6.83E+02	8.95E+03	6.93E+02	2.02E+00	20
	0.32	0.15	0.28	1.08E-09	1.29E-08	3.05E-07	1.47E-10	7.44E+01	7.53E+02	7.52E+01	1.66E-01	20
2.0	0.00	2.25	4.09	1.29E-08	2.34E-07	3.90E-06	1.66E-09	6.66E+02	1.33E+04	9.81E+02	2.89E+00	20
	0.14	1.37	2.48	7.80E-09	1.42E-07	2.37E-06	1.01E-09	4.12E+02	8.06E+03	6.03E+02	1.75E+00	20
	0.28	0.30	0.55	1.74E-09	3.17E-08	5.28E-07	2.25E-10	1.07E+02	1.81E+03	1.50E+02	3.91E-01	20
	0.42	0.03	0.05	1.43E-10	2.60E-09	4.34E-08	1.84E-11	2.72E+01	1.67E+02	3.07E+01	3.21E-02	20
3.0	0.00	1.31	2.37	7.57E-09	1.38E-07	2.26E-06	9.77E-10	4.01E+02	7.82E+03	5.86E+02	1.70E+00	20
	0.20	0.79	1.44	4.59E-09	8.36E-08	1.37E-06	5.92E-10	2.51E+02	4.75E+03	3.63E+02	1.03E+00	20
	0.39	0.18	0.32	1.02E-09	1.87E-08	3.06E-07	1.32E-10	7.15E+01	1.08E+03	9.66E+01	2.30E-01	20
	0.59	0.01	0.03	8.41E-11	1.53E-09	2.51E-08	1.09E-11	2.42E+01	1.07E+02	2.63E+01	1.89E-02	20
4.0	0.00	0.20	0.35	1.14E-09	2.71E-08	2.84E-07	1.39E-10	7.74E+01	1.55E+03	1.29E+02	3.29E-01	20
	0.25	0.12	0.21	6.92E-10	1.64E-08	1.72E-07	8.42E-11	5.48E+01	9.50E+02	8.64E+01	1.99E-01	20
	0.50	0.03	0.05	1.54E-10	3.67E-09	3.85E-08	1.88E-11	2.78E+01	2.28E+02	3.48E+01	4.45E-02	20
	0.75	0.00	0.00	1.27E-11	3.01E-10	3.16E-09	1.54E-12	2.06E+01	3.70E+01	2.12E+01	3.65E-03	20

# State of Texas

1995 Graded Exercise

06-December-1995

REAL TIME: 10:00

RELATIVE TIME: H+03:00

LOCATION		DOSE RATE		AIR CONCENTRATION				AIR SAMPLE CPM		GROUND DEPOSITION		BACKGROUN
DOWN	DIST.	CLOSED	OPEN	GROSS	GROSS	MOBLE	IODINE	GROSS	GROSS	GROSS	NET	BACKGROUN
WIND	OFF	WINDOW	WINDOW	IODINE	PART.	GAS	131	IODINE	PART.	DEPOSIT.	GROUND	COUNT
DIST	CENT.	DOSE R.	DOSE R.	ACTIVITY	ACTIVITY	ACTIVITY	ACTIVITY	COUNT R.	COUNT R.	COUNT R.	DEPOSIT.	RATE
(MI)	(MI)	(MR/HR)	(MR/HR)	(UCI/CC)	(UCI/CC)	(UCI/CC)	(UCI/CC)	(CPM)	(CPM)	(CPM)	(UCI/M2)	(CPM)
5.0	0.00	0.06	0.09	3.32E-10	7.11E-09	6.28E-08	3.79E-11	3.67E+01	4.22E+02	4.23E+01	6.70E-02	20
	0.30	0.03	0.06	2.01E-10	4.31E-09	3.81E-08	2.30E-11	3.01E+01	2.64E+02	3.35E+01	4.06E-02	20
	0.60	0.01	0.01	4.50E-11	9.62E-10	8.50E-09	5.12E-12	2.23E+01	7.44E+01	2.30E+01	9.06E-03	20
	0.89	0.00	0.00	3.69E-12	7.90E-11	<LLD	4.21E-13	2.02E+01	2.45E+01	2.02E+01	7.44E-04	20
6.0	0.00	0.04	0.07	2.67E-10	5.72E-09	4.98E-08	3.05E-11	3.34E+01	3.44E+02	3.79E+01	5.39E-02	20
	0.34	0.03	0.04	1.62E-10	3.47E-09	3.02E-08	1.85E-11	2.82E+01	2.16E+02	3.09E+01	3.27E-02	20
	0.69	0.01	0.01	3.62E-11	7.74E-10	6.74E-09	4.12E-12	2.18E+01	6.38E+01	2.24E+01	7.29E-03	20
	1.03	0.00	0.00	2.97E-12	6.35E-11	<LLD	3.38E-13	2.01E+01	2.36E+01	2.02E+01	5.98E-04	20

1995 Graded Exercise

# State of Texas

1995 Graded Exercise

06-December-1995

REAL TIME: 10:15

RELATIVE TIME: H+03:15

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## OFFSITE RADIOLOGICAL SURVEY DATA

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### -----METEOROLOGICAL DATA-----

WIND SPEED (MPH)	7.00
DELTA-T (DEG. F/50M)	-0.80
STABILITY CLASS (PASQUILL)	D
WIND DIRECTION (DEGREES)	230.0
PLUME TRAVEL (MI)	8.016E+00
PLUME TRAILING EDGE (MI)	0.000E+00

### -----RELEASE DATA-----

NOBLE GAS (CI/SEC)	1.224E+01
IODINE (CI/SEC)	8.072E-02
PARTICULATE (CI/SEC)	4.038E-01
TOTAL (CI/SEC)	1.273E+01
AVERAGE GAMMA (MEV/DIS)	0.57
AVERAGE BETA (MEV/DIS)	0.31

1995 Graded Exercise

LOCATION		DOSE RATE		AIR CONCENTRATION				AIR SAMPLE CPM		GROUND DEPOSITION		BACKGROUN
DOWN	DIST.	CLOSED	OPEN	GROSS	GROSS	NOBLE	IODINE	GROSS	GROSS	GROSS	NET	BACKGROUN
WIND	OFF	WINDOW	WINDOW	IODINE	PART.	GAS	131	IODINE	PART.	DEPOSIT.	GROUND	COUNT
DIST	CENT.	DOSE R.	DOSE R.	ACTIVITY	ACTIVITY	ACTIVITY	ACTIVITY	COUNT R.	COUNT R.	COUNT R.	DEPOSIT.	RATE
(MI)	(MI)	(MR/HR)	(MR/HR)	(UCI/CC)	(UCI/CC)	(UCI/CC)	(UCI/CC)	(CPM)	(CPM)	(CPM)	(UCI/M2)	(CPM)
0.5	0.00	152.50	302.59	2.26E-06	1.13E-05	3.56E-04	3.24E-07	1.14E+05	6.41E+05	5.39E+04	1.62E+02	20
	0.04	92.49	183.53	1.37E-06	6.87E-06	2.16E-04	1.96E-07	6.90E+04	3.89E+05	3.27E+04	9.81E+01	20
	0.08	20.64	40.95	3.06E-07	1.53E-06	4.82E-05	4.38E-08	1.54E+04	8.67E+04	7.31E+03	2.19E+01	20
	0.12	1.69	3.36	2.51E-08	1.26E-07	3.96E-06	3.60E-09	1.28E+03	7.14E+03	6.18E+02	1.80E+00	20
1.0	0.00	68.90	136.72	9.92E-07	4.97E-06	1.61E-04	1.42E-07	4.99E+04	2.81E+05	2.36E+04	7.09E+01	20
	0.07	41.79	82.92	6.01E-07	3.01E-06	9.78E-05	8.61E-08	3.03E+04	1.70E+05	1.43E+04	4.30E+01	20
	0.15	9.32	18.50	1.34E-07	6.72E-07	2.18E-05	1.92E-08	6.77E+03	3.80E+04	3.22E+03	9.60E+00	20
	0.22	0.77	1.52	1.10E-08	5.52E-08	1.79E-06	1.58E-09	5.74E+02	3.14E+03	2.82E+02	7.88E-01	20
1.5	0.00	40.45	80.26	5.82E-07	2.91E-06	9.46E-05	8.33E-08	2.93E+04	1.65E+05	1.39E+04	4.16E+01	20
	0.11	24.53	48.68	3.53E-07	1.77E-06	5.74E-05	5.05E-08	1.78E+04	1.00E+05	8.43E+03	2.52E+01	20
	0.22	5.47	10.86	7.87E-08	3.94E-07	1.28E-05	1.13E-08	3.98E+03	2.23E+04	1.90E+03	5.63E+00	20
	0.32	0.45	0.89	6.46E-09	3.24E-08	1.05E-06	9.26E-10	3.45E+02	1.85E+03	1.74E+02	4.62E-01	20
2.0	0.00	9.03	17.18	6.19E-08	7.42E-07	1.86E-05	8.44E-09	3.13E+03	4.20E+04	3.08E+03	9.18E+00	20
	0.14	5.48	10.42	3.76E-08	4.50E-07	1.13E-05	5.12E-09	1.91E+03	2.55E+04	1.87E+03	5.57E+00	20
	0.28	1.22	2.33	8.38E-09	1.00E-07	2.52E-06	1.14E-09	4.42E+02	5.70E+03	4.34E+02	1.24E+00	20
	0.42	0.10	0.19	6.88E-10	8.24E-09	2.07E-07	9.38E-11	5.46E+01	4.86E+02	5.40E+01	1.02E-01	20
3.0	0.00	5.24	9.96	3.65E-08	4.37E-07	1.08E-05	4.97E-09	1.85E+03	2.47E+04	1.82E+03	5.41E+00	20
	0.20	3.18	6.04	2.21E-08	2.65E-07	6.53E-06	3.01E-09	1.13E+03	1.50E+04	1.11E+03	3.28E+00	20
	0.39	0.71	1.35	4.93E-09	5.91E-08	1.46E-06	6.73E-10	2.68E+02	3.36E+03	2.64E+02	7.32E-01	20
	0.59	0.06	0.11	4.05E-10	4.85E-09	1.20E-07	5.52E-11	4.04E+01	2.95E+02	4.00E+01	6.00E-02	20
4.0	0.00	0.89	1.61	4.96E-09	9.04E-08	1.54E-06	6.40E-10	2.69E+02	5.14E+03	3.79E+02	1.08E+00	20
	0.25	0.54	0.98	3.01E-09	5.48E-08	9.34E-07	3.88E-10	1.71E+02	3.12E+03	2.38E+02	6.54E-01	20
	0.50	0.12	0.22	6.71E-10	1.22E-08	2.08E-07	8.66E-11	5.38E+01	7.12E+02	6.86E+01	1.46E-01	20
	0.75	0.01	0.02	5.51E-11	1.00E-09	1.71E-08	7.11E-12	2.28E+01	7.68E+01	2.40E+01	1.20E-02	20

# State of Texas

1995 Graded Exercise

06-December-1995

REAL TIME: 10:15

RELATIVE TIME: H+03:15

LOCATION		DOSE RATE		AIR CONCENTRATION				AIR SAMPLE CPM		GROUND DEPOSITION		BACKGROUN
DOWN	DIST.	CLOSED	OPEN	GROSS	GROSS	NOBLE	IODINE	GROSS	GROSS	GROSS	NET	BACKGROUN
WIND	OFF	WINDOW	WINDOW	IODINE	PART.	GAS	131	IODINE	PART.	DEPOSIT.	GROUND	COUNT
DIST	CENT.	DOSE R.	DOSE R.	ACTIVITY	ACTIVITY	ACTIVITY	ACTIVITY	COUNT R.	COUNT R.	COUNT R.	DEPOSIT.	RATE
(MI)	(MI)	(MR/HR)	(MR/HR)	(UCI/CC)	(UCI/CC)	(UCI/CC)	(UCI/CC)	(CPM)	(CPM)	(CPM)	(UCI/M2)	(CPM)
5.0	0.00	0.15	0.26	8.24E-10	1.96E-08	2.12E-07	1.00E-10	6.15E+01	1.13E+03	9.62E+01	2.29E-01	20
	0.30	0.09	0.16	5.00E-10	1.19E-08	1.29E-07	6.08E-11	4.51E+01	6.93E+02	6.62E+01	1.39E-01	20
	0.60	0.02	0.04	1.12E-10	2.65E-09	2.87E-08	1.36E-11	2.56E+01	1.70E+02	3.03E+01	3.10E-02	20
	0.89	0.00	0.00	9.16E-12	2.18E-10	2.36E-09	1.11E-12	2.05E+01	3.23E+01	2.08E+01	2.54E-03	20
6.0	0.00	0.12	0.21	6.63E-10	1.58E-08	1.68E-07	8.07E-11	5.34E+01	9.12E+02	8.13E+01	1.84E-01	20
	0.34	0.07	0.13	4.02E-10	9.56E-09	1.02E-07	4.89E-11	4.02E+01	5.61E+02	5.72E+01	1.12E-01	20
	0.69	0.02	0.03	8.97E-11	2.13E-09	2.28E-08	1.09E-11	2.45E+01	1.41E+02	2.83E+01	2.49E-02	20
	1.03	0.00	0.00	7.37E-12	1.75E-10	1.87E-09	8.96E-13	2.04E+01	2.99E+01	2.07E+01	2.04E-03	20
7.0	0.00	0.04	0.06	2.14E-10	4.57E-09	4.09E-08	2.43E-11	3.07E+01	2.79E+02	3.43E+01	4.31E-02	20
	0.38	0.02	0.04	1.30E-10	2.77E-09	2.48E-08	1.48E-11	2.65E+01	1.77E+02	2.87E+01	2.61E-02	20
	0.77	0.00	0.01	2.89E-11	6.19E-10	5.54E-09	3.29E-12	2.15E+01	5.50E+01	2.19E+01	5.83E-03	20
	1.15	0.00	0.00	2.37E-12	5.08E-11	<LLD	2.70E-13	2.01E+01	2.29E+01	2.02E+01	4.79E-04	20
8.0	0.00	0.03	0.05	1.83E-10	3.93E-09	3.47E-08	2.09E-11	2.92E+01	2.42E+02	3.23E+01	3.70E-02	20
	0.42	0.02	0.03	1.11E-10	2.38E-09	2.10E-08	1.27E-11	2.56E+01	1.55E+02	2.75E+01	2.24E-02	20
	0.85	0.00	0.01	2.48E-11	5.31E-10	4.69E-09	2.83E-12	2.12E+01	5.01E+01	2.17E+01	5.01E-03	20
	1.27	0.00	0.00	2.04E-12	4.36E-11	<LLD	2.32E-13	2.01E+01	2.25E+01	2.01E+01	4.11E-04	20

1995 Graded Exercise



# State of Texas

1995 Graded Exercise

06-December-1995

REAL TIME: 10:30

RELATIVE TIME: H+03:30

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## OFFSITE RADIOLOGICAL SURVEY DATA

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-----METEOROLOGICAL DATA-----						-----RELEASE DATA-----	
WIND SPEED (MPH)	7.00	NOBLE GAS (CI/SEC)	2.254E+01				
DELTA-T (DEG. F/50M)	-0.80	IODINE (CI/SEC)	1.810E-01				
STABILITY CLASS (PASQUILL)	D	PARTICULATE (CI/SEC)	6.408E-01				
WIND DIRECTION (DEGREES)	230.0	TOTAL (CI/SEC)	2.337E+01				
PLUME TRAVEL (MI)	9.769E+00	AVERAGE GAMMA (MEV/DIS)	0.54				
PLUME TRAILING EDGE (MI)	0.000E+00	AVERAGE BETA (MEV/DIS)	0.30				

1995 Graded Exercise

LOCATION		DOSE RATE		AIR CONCENTRATION				AIR SAMPLE CPM		GROUND DEPOSITION		BACKGROUN
DOWN	DIST.	CLOSED	OPEN	GROSS	GROSS	NOBLE	IODINE	GROSS	GROSS	GROSS	NET	BACKGROUN
WIND	OFF	WINDOW	WINDOW	IODINE	PART.	GAS	131	IODINE	PART.	DEPOSIT.	GROUND	COUNT
DIST	CENT.	DOSE R.	DOSE R.	ACTIVITY	ACTIVITY	ACTIVITY	ACTIVITY	COUNT R.	COUNT R.	COUNT R.	DEPOSIT.	RATE
(MI)	(MI)	(MR/HR)	(MR/HR)	(UCI/CC)	(UCI/CC)	(UCI/CC)	(UCI/CC)	(CPM)	(CPM)	(CPM)	(UCI/M2)	(CPM)
0.5	0.00	253.41	522.38	5.07E-06	1.80E-05	6.56E-04	7.60E-07	2.55E+05	1.02E+06	1.06E+05	3.19E+02	20
	0.04	153.70	316.84	3.07E-06	1.09E-05	3.98E-04	4.61E-07	1.55E+05	6.17E+05	6.44E+04	1.93E+02	20
	0.08	34.30	70.70	6.86E-07	2.43E-06	8.88E-05	1.03E-07	3.45E+04	1.38E+05	1.44E+04	4.31E+01	20
	0.12	2.82	5.80	5.63E-08	2.00E-07	7.29E-06	8.44E-09	2.85E+03	1.13E+04	1.20E+03	3.54E+00	20
1.0	0.00	114.51	236.05	2.22E-06	7.88E-06	2.97E-04	3.33E-07	1.12E+05	4.46E+05	4.66E+04	1.40E+02	20
	0.07	69.45	143.17	1.35E-06	4.78E-06	1.80E-04	2.02E-07	6.78E+04	2.70E+05	2.83E+04	8.48E+01	20
	0.15	15.50	31.95	3.01E-07	1.07E-06	4.02E-05	4.51E-08	1.52E+04	6.04E+04	6.32E+03	1.89E+01	20
	0.22	1.27	2.62	2.47E-08	8.75E-08	3.30E-06	3.70E-09	1.26E+03	4.97E+03	5.37E+02	1.55E+00	20
1.5	0.00	67.22	138.57	1.30E-06	4.62E-06	1.74E-04	1.96E-07	6.56E+04	2.62E+05	2.73E+04	8.21E+01	20
	0.11	40.77	84.05	7.91E-07	2.80E-06	1.06E-04	1.19E-07	3.98E+04	1.59E+05	1.66E+04	4.98E+01	20
	0.22	9.10	18.75	1.77E-07	6.26E-07	2.36E-05	2.65E-08	8.90E+03	3.54E+04	3.72E+03	1.11E+01	20
	0.32	0.75	1.54	1.45E-08	5.14E-08	1.94E-06	2.17E-09	7.49E+02	2.93E+03	3.24E+02	9.12E-01	20
2.0	0.00	27.30	54.16	3.70E-07	1.85E-06	6.40E-05	5.30E-08	1.86E+04	1.05E+05	8.72E+03	2.61E+01	20
	0.14	16.56	32.85	2.24E-07	1.12E-06	3.88E-05	3.21E-08	1.13E+04	6.36E+04	5.30E+03	1.58E+01	20
	0.28	3.69	7.33	5.01E-08	2.51E-07	8.66E-06	7.17E-09	2.54E+03	1.42E+04	1.20E+03	3.54E+00	20
	0.42	0.30	0.60	4.11E-09	2.06E-08	7.11E-07	5.89E-10	2.27E+02	1.19E+03	1.17E+02	2.90E-01	20
3.0	0.00	15.82	31.39	2.18E-07	1.09E-06	3.71E-05	3.12E-08	1.10E+04	6.18E+04	5.14E+03	1.54E+01	20
	0.20	9.59	19.04	1.32E-07	6.62E-07	2.25E-05	1.89E-08	6.66E+03	3.75E+04	3.13E+03	9.33E+00	20
	0.39	2.14	4.25	2.95E-08	1.48E-07	5.02E-06	4.22E-09	1.50E+03	8.38E+03	7.13E+02	2.08E+00	20
	0.59	0.18	0.35	2.42E-09	1.21E-08	4.12E-07	3.47E-10	1.42E+02	7.06E+02	7.69E+01	1.71E-01	20
4.0	0.00	3.56	6.77	2.39E-08	2.86E-07	7.33E-06	3.26E-09	1.22E+03	1.62E+04	1.19E+03	3.50E+00	20
	0.25	2.16	4.11	1.45E-08	1.74E-07	4.45E-06	1.98E-09	7.49E+02	9.85E+03	7.28E+02	2.13E+00	20
	0.50	0.48	0.92	3.23E-09	3.88E-08	9.92E-07	4.41E-10	1.83E+02	2.21E+03	1.78E+02	4.74E-01	20
	0.75	0.04	0.08	2.65E-10	3.18E-09	8.15E-08	3.62E-11	3.33E+01	2.00E+02	3.30E+01	3.89E-02	20

## State of Texas

1995 Graded Exercise

06-December-1995

REAL TIME: 10:30

RELATIVE TIME: H+03:30

LOCATION		DOSE RATE		AIR CONCENTRATION				AIR SAMPLE CPM		GROUND DEPOSITION		BACKGROUN
DOWN	DIST.	CLOSED	OPEN	GROSS	GROSS	NOBLE	IODINE	GROSS	GROSS	GROSS	NET	BACKGROUN
WIND	OFF	WINDOW	WINDOW	IODINE	PART.	GAS	131	IODINE	PART.	DEPOSIT.	GROUND	COUNT
DIST	CENT.	DOSE R.	DOSE R.	ACTIVITY	ACTIVITY	ACTIVITY	ACTIVITY	COUNT R.	COUNT R.	COUNT R.	DEPOSIT.	RATE
(MI)	(MI)	(MR/HR)	(MR/HR)	(UCI/CC)	(UCI/CC)	(UCI/CC)	(UCI/CC)	(CPM)	(CPM)	(CPM)	(UCI/M2)	(CPM)
5.0	0.00	0.66	1.20	3.58E-09	6.54E-08	1.15E-06	4.62E-10	2.00E+02	3.72E+03	2.77E+02	7.71E-01	20
	0.30	0.40	0.73	2.17E-09	3.97E-08	6.97E-07	2.81E-10	1.29E+02	2.26E+03	1.76E+02	4.68E-01	20
	0.60	0.09	0.16	4.85E-10	8.85E-09	1.56E-07	6.26E-11	4.44E+01	5.21E+02	5.47E+01	1.04E-01	20
	0.89	0.01	0.01	3.98E-11	7.26E-10	1.28E-08	5.14E-12	2.20E+01	6.11E+01	2.29E+01	8.56E-03	20
6.0	0.00	0.52	0.95	2.88E-09	5.26E-08	9.11E-07	3.72E-10	1.65E+02	3.00E+03	2.26E+02	6.20E-01	20
	0.34	0.32	0.58	1.75E-09	3.19E-08	5.52E-07	2.26E-10	1.08E+02	1.83E+03	1.45E+02	3.76E-01	20
	0.69	0.07	0.13	3.90E-10	7.12E-09	1.23E-07	5.04E-11	3.96E+01	4.23E+02	4.79E+01	8.39E-02	20
	1.03	0.01	0.01	3.20E-11	5.84E-10	1.01E-08	4.13E-12	2.16E+01	5.31E+01	2.23E+01	6.89E-03	20
7.0	0.00	0.10	0.17	5.30E-10	1.26E-08	1.38E-07	6.45E-11	4.67E+01	7.34E+02	6.88E+01	1.47E-01	20
	0.38	0.06	0.10	3.21E-10	7.65E-09	8.38E-08	3.91E-11	3.62E+01	4.53E+02	4.96E+01	8.89E-02	20
	0.77	0.01	0.02	7.17E-11	1.71E-09	1.87E-08	8.72E-12	2.36E+01	1.17E+02	2.66E+01	1.98E-02	20
	1.15	0.00	0.00	5.89E-12	1.40E-10	1.53E-09	7.16E-13	2.03E+01	2.79E+01	2.05E+01	1.63E-03	20
8.0	0.00	0.08	0.14	4.55E-10	1.08E-08	1.17E-07	5.53E-11	4.29E+01	6.33E+02	6.19E+01	1.26E-01	20
	0.42	0.05	0.09	2.76E-10	6.57E-09	7.10E-08	3.36E-11	3.39E+01	3.92E+02	4.54E+01	7.63E-02	20
	0.85	0.01	0.02	6.16E-11	1.47E-09	1.58E-08	7.49E-12	2.31E+01	1.03E+02	2.57E+01	1.70E-02	20
	1.27	0.00	0.00	5.05E-12	1.20E-10	1.30E-09	6.15E-13	2.03E+01	2.68E+01	2.05E+01	1.40E-03	20
9.0	0.00	0.03	0.04	1.54E-10	3.31E-09	2.99E-08	1.76E-11	2.78E+01	2.07E+02	3.04E+01	3.12E-02	20
	0.46	0.02	0.03	9.37E-11	2.01E-09	1.82E-08	1.07E-11	2.47E+01	1.34E+02	2.63E+01	1.89E-02	20
	0.92	0.00	0.01	2.09E-11	4.48E-10	4.05E-09	2.38E-12	2.11E+01	4.54E+01	2.14E+01	4.22E-03	20
	1.38	0.00	0.00	1.72E-12	3.68E-11	<LLD	1.96E-13	2.01E+01	2.21E+01	2.01E+01	3.46E-04	20

1995 Graded Exercise

## State of Texas

1995 Graded Exercise

06-December-1995

REAL TIME: 10:45

RELATIVE TIME: H+03:45

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## OFFSITE RADIOLOGICAL SURVEY DATA

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## -----METEOROLOGICAL DATA-----

WIND SPEED (MPH)	7.00
DELTA-T (DEG. F/50M)	-0.80
STABILITY CLASS (PASQUILL)	D
WIND DIRECTION (DEGREES)	233.0
PLUME TRAVEL (MI)	1.152E+01
PLUME TRAILING EDGE (MI)	0.000E+00

## -----RELEASE DATA-----

NOBLE GAS (CI/SEC)	2.945E+01
IODINE (CI/SEC)	2.462E-01
PARTICULATE (CI/SEC)	7.691E-01
TOTAL (CI/SEC)	3.046E+01
AVERAGE GAMMA (MEV/DIS)	0.51
AVERAGE BETA (MEV/DIS)	0.29

1995 Graded Exercise

LOCATION		DOSE RATE		AIR CONCENTRATION				AIR SAMPLE CPM		GROUND DEPOSITION		BACKGROUN
DOWN	DIST.	CLOSED	OPEN	GROSS	GROSS	NOBLE	IODINE	GROSS	GROSS	GROSS	NET	BACKGROUN
WIND	OFF	WINDOW	WINDOW	IODINE	PART.	GAS	131	IODINE	PART.	DEPOSIT.	GROUND	COUNT
DIST	CENT.	DOSE R.	DOSE R.	ACTIVITY	ACTIVITY	ACTIVITY	ACTIVITY	COUNT R.	COUNT R.	COUNT R.	DEPOSIT.	RATE
(MI)	(MI)	(MR/HR)	(MR/HR)	(UCI/CC)	(UCI/CC)	(UCI/CC)	(UCI/CC)	(CPM)	(CPM)	(CPM)	(UCI/M2)	(CPM)
0.5	0.00	304.03	648.82	6.90E-06	2.16E-05	8.57E-04	1.08E-06	3.47E+05	1.22E+06	1.60E+05	4.79E+02	20
	0.04	184.40	393.53	4.18E-06	1.31E-05	5.20E-04	6.54E-07	2.10E+05	7.40E+05	9.68E+04	2.91E+02	20
	0.08	41.15	87.81	9.33E-07	2.92E-06	1.16E-04	1.46E-07	4.70E+04	1.65E+05	2.16E+04	6.48E+01	20
	0.12	3.38	7.21	7.66E-08	2.40E-07	9.52E-06	1.20E-08	3.87E+03	1.36E+04	1.79E+03	5.32E+00	20
1.0	0.00	137.39	293.19	3.02E-06	9.46E-06	3.88E-04	4.73E-07	1.52E+05	5.35E+05	7.00E+04	2.10E+02	20
	0.07	83.33	177.83	1.83E-06	5.74E-06	2.35E-04	2.87E-07	9.23E+04	3.25E+05	4.25E+04	1.27E+02	20
	0.15	18.59	39.68	4.09E-07	1.28E-06	5.25E-05	6.40E-08	2.06E+04	7.24E+04	9.49E+03	2.84E+01	20
	0.22	1.53	3.26	3.36E-08	1.05E-07	4.31E-06	5.25E-09	1.71E+03	5.96E+03	7.97E+02	2.33E+00	20
1.5	0.00	80.65	172.12	1.77E-06	5.55E-06	2.28E-04	2.77E-07	8.93E+04	3.14E+05	4.11E+04	1.23E+02	20
	0.11	48.92	104.40	1.08E-06	3.37E-06	1.38E-04	1.68E-07	5.42E+04	1.90E+05	2.49E+04	7.48E+01	20
	0.22	10.92	23.29	2.40E-07	7.51E-07	3.08E-05	3.75E-08	1.21E+04	4.25E+04	5.58E+03	1.67E+01	20
	0.32	0.90	1.91	1.97E-08	6.16E-08	2.53E-06	3.08E-09	1.01E+03	3.51E+03	4.76E+02	1.37E+00	20
2.0	0.00	45.37	93.53	8.29E-07	2.94E-06	1.18E-04	1.24E-07	4.17E+04	1.67E+05	1.72E+04	5.17E+01	20
	0.14	27.52	56.73	5.03E-07	1.78E-06	7.15E-05	7.54E-08	2.53E+04	1.01E+05	1.05E+04	3.13E+01	20
	0.28	6.14	12.66	1.12E-07	3.98E-07	1.59E-05	1.68E-08	5.67E+03	2.26E+04	2.35E+03	6.99E+00	20
	0.42	0.50	1.04	9.21E-09	3.27E-08	1.31E-06	1.38E-09	4.83E+02	1.87E+03	2.11E+02	5.74E-01	20
3.0	0.00	26.29	54.20	4.88E-07	1.73E-06	6.82E-05	7.32E-08	2.46E+04	9.80E+04	1.01E+04	3.04E+01	20
	0.20	15.95	32.87	2.96E-07	1.05E-06	4.14E-05	4.44E-08	1.49E+04	5.95E+04	6.16E+03	1.84E+01	20
	0.39	3.56	7.34	6.61E-08	2.34E-07	9.24E-06	9.90E-09	3.34E+03	1.33E+04	1.39E+03	4.12E+00	20
	0.59	0.29	0.60	5.42E-09	1.92E-08	7.58E-07	8.13E-10	2.93E+02	1.11E+03	1.33E+02	3.38E-01	20
4.0	0.00	10.76	21.35	1.43E-07	7.16E-07	2.52E-05	2.04E-08	7.20E+03	4.05E+04	3.36E+03	1.00E+01	20
	0.25	6.53	12.95	8.66E-08	4.34E-07	1.53E-05	1.24E-08	4.37E+03	2.46E+04	2.04E+03	6.07E+00	20
	0.50	1.46	2.89	1.93E-08	9.69E-08	3.42E-06	2.77E-09	9.92E+02	5.50E+03	4.71E+02	1.36E+00	20
	0.75	0.12	0.24	1.59E-09	7.95E-09	2.80E-07	2.27E-10	9.97E+01	4.70E+02	5.71E+01	1.11E-01	20



## State of Texas

1995 Graded Exercise

06-December-1995

REAL TIME: 10:45

RELATIVE TIME: H+03:45

LOCATION		DOSE RATE		AIR CONCENTRATION				AIR SAMPLE CPM		GROUND DEPOSITION		BACKGROUN
DOWN	DIST.	CLOSED	OPEN	GROSS	GROSS	NOBLE	IODINE	GROSS	GROSS	GROSS	NET	BACKGROUN
WIND	OFF	WINDOW	WINDOW	IODINE	PART.	GAS	131	IODINE	PART.	DEPOSIT.	GROUND	COUNT
DIST	CENT.	DOSE R.	DOSE R.	ACTIVITY	ACTIVITY	ACTIVITY	ACTIVITY	COUNT R.	COUNT R.	COUNT R.	DEPOSIT.	RATE
(MI)	(MI)	(MR/HR)	(MR/HR)	(UCI/CC)	(UCI/CC)	(UCI/CC)	(UCI/CC)	(CPM)	(CPM)	(CPM)	(UCI/M2)	(CPM)
5.0	0.00	2.65	5.05	1.73E-08	2.07E-07	5.47E-06	2.35E-09	8.88E+02	1.17E+04	8.58E+02	2.52E+00	20
	0.30	1.61	3.06	1.05E-08	1.26E-07	3.32E-06	1.43E-09	5.47E+02	7.13E+03	5.28E+02	1.53E+00	20
	0.60	0.36	0.68	2.34E-09	2.80E-08	7.40E-07	3.18E-10	1.38E+02	1.61E+03	1.33E+02	3.41E-01	20
	0.89	0.03	0.06	1.92E-10	2.30E-09	6.08E-08	2.61E-11	2.96E+01	1.50E+02	2.93E+01	2.80E-02	20
6.0	0.00	2.10	4.00	1.39E-08	1.67E-07	4.34E-06	1.89E-09	7.19E+02	9.45E+03	6.94E+02	2.03E+00	20
	0.34	1.28	2.43	8.42E-09	1.01E-07	2.63E-06	1.15E-09	4.44E+02	5.74E+03	4.29E+02	1.23E+00	20
	0.69	0.28	0.54	1.88E-09	2.26E-08	5.87E-07	2.56E-10	1.15E+02	1.30E+03	1.11E+02	2.74E-01	20
	1.03	0.02	0.04	1.54E-10	1.85E-09	4.82E-08	2.10E-11	2.78E+01	1.25E+02	2.75E+01	2.25E-02	20
7.0	0.00	0.43	0.78	2.30E-09	4.21E-08	7.48E-07	2.97E-10	1.36E+02	2.40E+03	1.84E+02	4.94E-01	20
	0.38	0.26	0.47	1.40E-09	2.55E-08	4.54E-07	1.80E-10	9.03E+01	1.46E+03	1.20E+02	2.99E-01	20
	0.77	0.06	0.11	3.12E-10	5.69E-09	1.01E-07	4.02E-11	3.57E+01	3.42E+02	4.22E+01	6.68E-02	20
	1.15	0.00	0.01	2.56E-11	4.67E-10	8.31E-09	3.30E-12	2.13E+01	4.65E+01	2.18E+01	5.48E-03	20
8.0	0.00	0.36	0.66	1.98E-09	3.61E-08	6.34E-07	2.55E-10	1.19E+02	2.06E+03	1.61E+02	4.24E-01	20
	0.42	0.22	0.40	1.20E-09	2.19E-08	3.85E-07	1.55E-10	8.03E+01	1.26E+03	1.06E+02	2.57E-01	20
	0.85	0.05	0.09	2.68E-10	4.89E-09	8.58E-08	3.45E-11	3.35E+01	2.97E+02	3.91E+01	5.73E-02	20
	1.27	0.00	0.01	2.20E-11	4.01E-10	7.05E-09	2.84E-12	2.11E+01	4.27E+01	2.16E+01	4.71E-03	20
9.0	0.00	0.07	0.12	3.83E-10	9.13E-09	1.01E-07	4.66E-11	3.93E+01	5.36E+02	5.52E+01	1.06E-01	20
	0.46	0.04	0.08	2.32E-10	5.54E-09	6.13E-08	2.83E-11	3.17E+01	3.33E+02	4.13E+01	6.41E-02	20
	0.92	0.01	0.02	5.19E-11	1.24E-09	1.37E-08	6.31E-12	2.26E+01	8.99E+01	2.48E+01	1.43E-02	20
	1.38	0.00	0.00	4.26E-12	1.01E-10	1.12E-09	5.18E-13	2.02E+01	2.57E+01	2.04E+01	1.17E-03	20
10.0	0.00	0.02	0.04	1.33E-10	2.84E-09	2.63E-08	1.51E-11	2.67E+01	1.81E+02	2.89E+01	2.68E-02	20
	0.50	0.01	0.02	8.04E-11	1.72E-09	1.59E-08	9.16E-12	2.40E+01	1.18E+02	2.54E+01	1.62E-02	20
	0.99	0.00	0.01	1.79E-11	3.85E-10	3.56E-09	2.04E-12	2.09E+01	4.18E+01	2.12E+01	3.63E-03	20
	1.49	0.00	0.00	1.47E-12	3.16E-11	<LLD	1.68E-13	2.01E+01	2.18E+01	2.01E+01	2.98E-04	20

1995 Graded Exercise

## State of Texas

1995 Graded Exercise

06-December-1995

REAL TIME: 11:00

RELATIVE TIME: H+04:00

\*\*\*\*\*  
OFFSITE RADIOLOGICAL SURVEY DATA  
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-----METEOROLOGICAL DATA-----						-----RELEASE DATA-----	
WIND SPEED (MPH)	7.00					NOBLE GAS (CI/SEC)	3.402E+01
DELTA-T (DEG. F/50M)	-0.90					IODINE (CI/SEC)	2.879E-01
STABILITY CLASS (PASQUILL)	D					PARTICULATE (CI/SEC)	8.100E-01
WIND DIRECTION (DEGREES)	233.0					TOTAL (CI/SEC)	3.512E+01
PLUME TRAVEL (MI)	1.328E+01					AVERAGE GAMMA (MEV/DIS)	0.49
PLUME TRAILING EDGE (MI)	0.000E+00					AVERAGE BETA (MEV/DIS)	0.28

1995 Graded Exercise

LOCATION		DOSE RATE		AIR CONCENTRATION				AIR SAMPLE CPM		GROUND DEPOSITION		BACKGROUND
DOWN	DIST.	CLOSED	OPEN	GROSS	GROSS	NOBLE	IODINE	GROSS	GROSS	GROSS	NET	BACKGROUND
WIND	OFF	WINDOW	WINDOW	IODINE	PART.	GAS	131	IODINE	PART.	DEPOSIT.	GROUND	COUNT
DIST	CENT.	DOSE R.	DOSE R.	ACTIVITY	ACTIVITY	ACTIVITY	ACTIVITY	COUNT R.	COUNT R.	COUNT R.	DEPOSIT.	RATE
(MI)	(MI)	(MR/HR)	(MR/HR)	(UCI/CC)	(UCI/CC)	(UCI/CC)	(UCI/CC)	(CPM)	(CPM)	(CPM)	(UCI/M2)	(CPM)
0.5	0.00	326.22	718.42	8.06E-06	2.27E-05	9.90E-04	1.31E-06	4.06E+05	1.28E+06	2.05E+05	6.16E+02	20
	0.04	197.86	435.74	4.89E-06	1.38E-05	6.01E-04	7.94E-07	2.46E+05	7.79E+05	1.24E+05	3.73E+02	20
	0.08	44.15	97.23	1.09E-06	3.07E-06	1.34E-04	1.77E-07	5.49E+04	1.74E+05	2.78E+04	8.33E+01	20
	0.12	3.62	7.98	8.96E-08	2.52E-07	1.10E-05	1.45E-08	4.53E+03	1.43E+04	2.30E+03	6.84E+00	20
1.0	0.00	147.42	324.67	3.54E-06	9.96E-06	4.48E-04	5.74E-07	1.78E+05	5.64E+05	8.99E+04	2.70E+02	20
	0.07	89.42	196.92	2.15E-06	6.04E-06	2.72E-04	3.48E-07	1.08E+05	3.42E+05	5.46E+04	1.64E+02	20
	0.15	19.95	43.94	4.79E-07	1.35E-06	6.06E-05	7.77E-08	2.41E+04	7.63E+04	1.22E+04	3.65E+01	20
	0.22	1.64	3.61	3.93E-08	1.11E-07	4.98E-06	6.38E-09	2.00E+03	6.28E+03	1.02E+03	3.00E+00	20
1.5	0.00	86.55	190.60	2.08E-06	5.84E-06	2.63E-04	3.37E-07	1.04E+05	3.31E+05	5.28E+04	1.58E+02	20
	0.11	52.49	115.60	1.26E-06	3.54E-06	1.59E-04	2.04E-07	6.33E+04	2.01E+05	3.20E+04	9.61E+01	20
	0.22	11.71	25.79	2.81E-07	7.91E-07	3.56E-05	4.56E-08	1.41E+04	4.48E+04	7.16E+03	2.14E+01	20
	0.32	0.96	2.12	2.31E-08	6.49E-08	2.92E-06	3.74E-09	1.18E+03	3.69E+03	6.06E+02	1.76E+00	20
2.0	0.00	54.44	116.18	1.13E-06	3.53E-06	1.54E-04	1.76E-07	5.68E+04	2.00E+05	2.59E+04	7.76E+01	20
	0.14	33.02	70.47	6.84E-07	2.14E-06	9.33E-05	1.07E-07	3.44E+04	1.21E+05	1.57E+04	4.71E+01	20
	0.28	7.37	15.72	1.53E-07	4.78E-07	2.08E-05	2.39E-08	7.70E+03	2.71E+04	3.52E+03	1.05E+01	20
	0.42	0.60	1.29	1.25E-08	3.92E-08	1.71E-06	1.96E-09	6.51E+02	2.24E+03	3.07E+02	8.62E-01	20
3.0	0.00	31.55	67.33	6.64E-07	2.08E-06	8.91E-05	1.04E-07	3.34E+04	1.18E+05	1.52E+04	4.57E+01	20
	0.20	19.13	40.84	4.03E-07	1.26E-06	5.41E-05	6.30E-08	2.03E+04	7.14E+04	9.25E+03	2.77E+01	20
	0.39	4.27	9.11	8.99E-08	2.81E-07	1.21E-05	1.41E-08	4.54E+03	1.59E+04	2.08E+03	6.18E+00	20
	0.59	0.35	0.75	7.38E-09	2.31E-08	9.90E-07	1.15E-09	3.91E+02	1.33E+03	1.89E+02	5.07E-01	20
4.0	0.00	17.89	36.87	3.20E-07	1.14E-06	4.65E-05	4.80E-08	1.61E+04	6.43E+04	6.61E+03	1.98E+01	20
	0.25	10.85	22.36	1.94E-07	6.89E-07	2.82E-05	2.91E-08	9.78E+03	3.90E+04	4.02E+03	1.20E+01	20
	0.50	2.42	4.99	4.33E-08	1.54E-07	6.29E-06	6.49E-09	2.20E+03	8.72E+03	9.12E+02	2.68E+00	20
	0.75	0.20	0.41	3.55E-09	1.26E-08	5.16E-07	5.33E-10	1.99E+02	7.34E+02	9.32E+01	2.20E-01	20

State of Texas

1995 Graded Exercise

06-December-1995

REAL TIME: 11:00

RELATIVE TIME: H+04:00

LOCATION		DOSE RATE		AIR CONCENTRATION				AIR SAMPLE CPM		GROUND DEPOSITION		BACKGROUN
DOWN	DIST.	CLOSED	OPEN	GROSS	GROSS	NOBLE	IODINE	GROSS	GROSS	GROSS	NET	BACKGROUN
WIND	OFF	WINDOW	WINDOW	IODINE	PART.	GAS	131	IODINE	PART.	DEPOSIT.	GROUND	COUNT
DIST	CENT.	DOSE R.	DOSE R.	ACTIVITY	ACTIVITY	ACTIVITY	ACTIVITY	COUNT R.	COUNT R.	COUNT R.	DEPOSIT.	RATE
(MI)	(MI)	(MR/HR)	(MR/HR)	(UCI/CC)	(UCI/CC)	(UCI/CC)	(UCI/CC)	(CPM)	(CPM)	(CPM)	(UCI/M2)	(CPM)
5.0	0.00	8.02	15.91	1.03E-07	5.18E-07	1.88E-05	1.48E-08	5.21E+03	2.93E+04	2.42E+03	7.20E+00	20
	0.30	4.86	9.65	6.25E-08	3.14E-07	1.14E-05	8.96E-09	3.17E+03	1.78E+04	1.47E+03	4.37E+00	20
	0.60	1.09	2.15	1.40E-08	7.01E-08	2.55E-06	2.00E-09	7.22E+02	3.98E+03	3.44E+02	9.74E-01	20
	0.89	0.09	0.18	1.15E-09	5.75E-09	2.09E-07	1.64E-10	7.76E+01	3.45E+02	4.66E+01	8.00E-02	20
6.0	0.00	6.36	12.62	8.30E-08	4.17E-07	1.49E-05	1.19E-08	4.19E+03	2.36E+04	1.95E+03	5.79E+00	20
	0.34	3.86	7.65	5.03E-08	2.53E-07	9.05E-06	7.21E-09	2.55E+03	1.43E+04	1.19E+03	3.51E+00	20
	0.69	0.86	1.71	1.12E-08	5.64E-08	2.02E-06	1.61E-09	5.85E+02	3.21E+03	2.81E+02	7.84E-01	20
	1.03	0.07	0.14	9.22E-10	4.63E-09	1.66E-07	1.32E-10	6.64E+01	2.82E+02	4.14E+01	6.44E-02	20
7.0	0.00	1.73	3.28	1.11E-08	1.33E-07	3.56E-06	1.51E-09	5.78E+02	7.56E+03	5.57E+02	1.61E+00	20
	0.38	1.05	1.99	6.73E-09	8.09E-08	2.16E-06	9.18E-10	3.59E+02	4.60E+03	3.46E+02	9.78E-01	20
	0.77	0.23	0.44	1.50E-09	1.80E-08	4.82E-07	2.05E-10	9.56E+01	1.04E+03	9.26E+01	2.18E-01	20
	1.15	0.02	0.04	1.23E-10	1.48E-09	3.96E-08	1.68E-11	2.62E+01	1.04E+02	2.60E+01	1.79E-02	20
8.0	0.00	1.46	2.79	9.53E-09	1.14E-07	3.02E-06	1.30E-09	4.99E+02	6.50E+03	4.81E+02	1.38E+00	20
	0.42	0.89	1.69	5.78E-09	6.94E-08	1.83E-06	7.88E-10	3.11E+02	3.95E+03	2.99E+02	8.39E-01	20
	0.85	0.20	0.38	1.29E-09	1.55E-08	4.09E-07	1.76E-10	8.49E+01	8.96E+02	8.24E+01	1.87E-01	20
	1.27	0.02	0.03	1.06E-10	1.27E-09	3.36E-08	1.44E-11	2.53E+01	9.19E+01	2.51E+01	1.54E-02	20
9.0	0.00	0.31	0.57	1.67E-09	3.05E-08	5.48E-07	2.15E-10	1.04E+02	1.74E+03	1.38E+02	3.56E-01	20
	0.46	0.19	0.35	1.01E-09	1.85E-08	3.32E-07	1.30E-10	7.08E+01	1.07E+03	9.18E+01	2.16E-01	20
	0.92	0.04	0.08	2.25E-10	4.12E-09	7.41E-08	2.91E-11	3.13E+01	2.53E+02	3.60E+01	4.81E-02	20
	1.38	0.00	0.01	1.85E-11	3.38E-10	6.08E-09	2.39E-12	2.09E+01	3.91E+01	2.13E+01	3.95E-03	20
10.0	0.00	0.06	0.11	3.29E-10	7.84E-09	8.87E-08	4.00E-11	3.65E+01	4.64E+02	5.01E+01	9.04E-02	20
	0.50	0.04	0.07	1.99E-10	4.76E-09	5.38E-08	2.43E-11	3.00E+01	2.89E+02	3.83E+01	5.48E-02	20
	0.99	0.01	0.01	4.45E-11	1.06E-09	1.20E-08	5.41E-12	2.22E+01	8.00E+01	2.41E+01	1.22E-02	20
	1.49	0.00	0.00	3.65E-12	8.71E-11	<LLD	4.44E-13	2.02E+01	2.49E+01	2.03E+01	1.00E-03	20

1995 Graded Exercise

## State of Texas

1995 Graded Exercise

06-December-1995

REAL TIME: 11:15

RELATIVE TIME: H+04:15

## OFFSITE RADIOLOGICAL SURVEY DATA

## -----METEOROLOGICAL DATA-----

WIND SPEED (MPH)	8.00
DELTA-T (DEG. F/50M)	-0.90
STABILITY CLASS (PASQUILL)	D
WIND DIRECTION (DEGREES)	233.0
PLUME TRAVEL (MI)	1.528E+01
PLUME TRAILING EDGE (MI)	0.000E+00

## -----RELEASE DATA-----

NOBLE GAS (CI/SEC)	3.699E+01
IODINE (CI/SEC)	3.137E-01
PARTICULATE (CI/SEC)	8.004E-01
TOTAL (CI/SEC)	3.811E+01
AVERAGE GAMMA (MEV/DIS)	0.47
AVERAGE BETA (MEV/DIS)	0.28

1995 Graded Exercise

LOCATION		DOSE RATE		AIR CONCENTRATION				AIR SAMPLE CPM		GROUND DEPOSITION		BACKGROUND
DOWN	DIST.	CLOSED	OPEN	GROSS	GROSS	NOBLE	IODINE	GROSS	GROSS	GROSS	NET	BACKGROUND
WIND	OFF	WINDOW	WINDOW	IODINE	PART.	GAS	131	IODINE	PART.	DEPOSIT.	GROUND	COUNT
DIST	CENT.	DOSE R.	DOSE R.	ACTIVITY	ACTIVITY	ACTIVITY	ACTIVITY	COUNT R.	COUNT R.	COUNT R.	DEPOSIT.	RATE
(MI)	(MI)	(MR/HR)	(MR/HR)	(UCI/CC)	(UCI/CC)	(UCI/CC)	(UCI/CC)	(CPM)	(CPM)	(CPM)	(UCI/M2)	(CPM)
0.5	0.00	290.40	658.26	7.69E-06	1.96E-05	9.42E-04	1.29E-06	3.87E+05	1.11E+06	2.29E+05	6.87E+02	20
	0.04	176.14	399.25	4.66E-06	1.19E-05	5.71E-04	7.85E-07	2.35E+05	6.74E+05	1.39E+05	4.17E+02	20
	0.08	39.30	89.09	1.04E-06	2.66E-06	1.27E-04	1.75E-07	5.24E+04	1.50E+05	3.10E+04	9.30E+01	20
	0.12	3.23	7.31	8.54E-08	2.18E-07	1.05E-05	1.44E-08	4.32E+03	1.24E+04	2.56E+03	7.64E+00	20
1.0	0.00	131.25	297.50	3.37E-06	8.61E-06	4.26E-04	5.67E-07	1.70E+05	4.87E+05	1.00E+05	3.01E+02	20
	0.07	79.60	180.44	2.05E-06	5.22E-06	2.58E-04	3.44E-07	1.03E+05	2.96E+05	6.09E+04	1.83E+02	20
	0.15	17.76	40.26	4.56E-07	1.17E-06	5.77E-05	7.68E-08	2.30E+04	6.60E+04	1.36E+04	4.08E+01	20
	0.22	1.46	3.30	3.75E-08	9.57E-08	4.73E-06	6.30E-09	1.90E+03	5.43E+03	1.14E+03	3.35E+00	20
1.5	0.00	77.05	174.65	1.98E-06	5.05E-06	2.50E-04	3.33E-07	9.95E+04	2.86E+05	5.89E+04	1.77E+02	20
	0.11	46.73	105.93	1.20E-06	3.06E-06	1.52E-04	2.02E-07	6.04E+04	1.73E+05	3.58E+04	1.07E+02	20
	0.22	10.43	23.64	2.68E-07	6.84E-07	3.39E-05	4.51E-08	1.35E+04	3.87E+04	7.99E+03	2.39E+01	20
	0.32	0.86	1.94	2.20E-08	5.61E-08	2.78E-06	3.70E-09	1.13E+03	3.20E+03	6.74E+02	1.97E+00	20
2.0	0.00	51.12	112.58	1.15E-06	3.25E-06	1.56E-04	1.87E-07	5.81E+04	1.84E+05	3.13E+04	9.40E+01	20
	0.14	31.01	68.29	7.00E-07	1.97E-06	9.44E-05	1.14E-07	3.52E+04	1.12E+05	1.90E+04	5.70E+01	20
	0.28	6.92	15.24	1.56E-07	4.40E-07	2.11E-05	2.54E-08	7.88E+03	2.49E+04	4.25E+03	1.27E+01	20
	0.42	0.57	1.25	1.28E-08	3.62E-08	1.73E-06	2.08E-09	6.65E+02	2.07E+03	3.68E+02	1.04E+00	20
3.0	0.00	29.62	65.24	6.80E-07	1.92E-06	9.01E-05	1.10E-07	3.42E+04	1.08E+05	1.84E+04	5.53E+01	20
	0.20	17.97	39.57	4.12E-07	1.16E-06	5.47E-05	6.70E-08	2.08E+04	6.58E+04	1.12E+04	3.36E+01	20
	0.39	4.01	8.83	9.20E-08	2.59E-07	1.22E-05	1.49E-08	4.65E+03	1.47E+04	2.51E+03	7.49E+00	20
	0.59	0.33	0.72	7.55E-09	2.13E-08	1.00E-06	1.23E-09	4.00E+02	1.22E+03	2.25E+02	6.15E-01	20
4.0	0.00	18.78	40.08	3.81E-07	1.19E-06	5.31E-05	5.95E-08	1.92E+04	6.75E+04	9.23E+03	2.76E+01	20
	0.25	11.39	24.31	2.31E-07	7.24E-07	3.22E-05	3.61E-08	1.16E+04	4.10E+04	5.60E+03	1.68E+01	20
	0.50	2.54	5.42	5.16E-08	1.61E-07	7.19E-06	8.06E-09	2.61E+03	9.16E+03	1.27E+03	3.74E+00	20
	0.75	0.21	0.45	4.23E-09	1.33E-08	5.90E-07	6.61E-10	2.33E+02	7.70E+02	1.22E+02	3.07E-01	20

# State of Texas

1995 Graded Exercise

06-December-1995

REAL TIME: 11:15

RELATIVE TIME: H+04:15

LOCATION		DOSE RATE		AIR CONCENTRATION				AIR SAMPLE CPM		GROUND DEPOSITION		BACKGROUN
DOWN	DIST.	CLOSED	OPEN	GROSS	GROSS	NOBLE	IODINE	GROSS	GROSS	GROSS	NET	BACKGROUN
WIND	OFF	WINDOW	WINDOW	IODINE	PART.	GAS	131	IODINE	PART.	DEPOSIT.	GROUND	COUNT
DIST	CENT.	DOSE R.	DOSE R.	ACTIVITY	ACTIVITY	ACTIVITY	ACTIVITY	COUNT R.	COUNT R.	COUNT R.	DEPOSIT.	RATE
(MI)	(MI)	(MR/HR)	(MR/HR)	(UCI/CC)	(UCI/CC)	(UCI/CC)	(UCI/CC)	(CPM)	(CPM)	(CPM)	(UCI/M2)	(CPM)
5.0	0.00	11.66	24.05	2.02E-07	7.19E-07	3.03E-05	3.03E-08	1.02E+04	4.07E+04	4.36E+03	1.30E+01	20
	0.30	7.07	14.58	1.23E-07	4.36E-07	1.84E-05	1.84E-08	6.19E+03	2.47E+04	2.65E+03	7.90E+00	20
	0.60	1.58	3.25	2.74E-08	9.73E-08	4.11E-06	4.10E-09	1.40E+03	5.53E+03	6.07E+02	1.76E+00	20
	0.89	0.13	0.27	2.25E-09	7.99E-09	3.37E-07	3.37E-10	1.33E+02	4.72E+02	6.82E+01	1.45E-01	20
6.0	0.00	9.25	19.07	1.63E-07	5.78E-07	2.40E-05	2.44E-08	8.21E+03	3.27E+04	3.51E+03	1.05E+01	20
	0.34	5.61	11.56	9.87E-08	3.51E-07	1.46E-05	1.48E-08	4.99E+03	1.99E+04	2.14E+03	6.36E+00	20
	0.69	1.25	2.58	2.20E-08	7.83E-08	3.25E-06	3.30E-09	1.13E+03	4.45E+03	4.92E+02	1.42E+00	20
	1.03	0.10	0.21	1.81E-09	6.43E-09	2.67E-07	2.71E-10	1.11E+02	3.84E+02	5.88E+01	1.16E-01	20
7.0	0.00	4.57	9.06	5.80E-08	2.92E-07	1.07E-05	8.31E-09	2.94E+03	1.65E+04	1.41E+03	4.16E+00	20
	0.38	2.77	5.50	3.52E-08	1.77E-07	6.51E-06	5.04E-09	1.79E+03	1.00E+04	8.60E+02	2.52E+00	20
	0.77	0.62	1.23	7.85E-09	3.95E-08	1.45E-06	1.12E-09	4.15E+02	2.25E+03	2.07E+02	5.63E-01	20
	1.15	0.05	0.10	6.44E-10	3.24E-09	1.19E-07	9.23E-11	5.24E+01	2.03E+02	3.54E+01	4.62E-02	20
8.0	0.00	3.87	7.69	4.98E-08	2.50E-07	9.10E-06	7.13E-09	2.52E+03	1.42E+04	1.21E+03	3.57E+00	20
	0.42	2.35	4.66	3.02E-08	1.52E-07	5.52E-06	4.33E-09	1.54E+03	8.61E+03	7.41E+02	2.17E+00	20
	0.85	0.52	1.04	6.74E-09	3.39E-08	1.23E-06	9.65E-10	3.59E+02	1.94E+03	1.81E+02	4.83E-01	20
	1.27	0.04	0.09	5.53E-10	2.78E-09	1.01E-07	7.92E-11	4.78E+01	1.77E+02	3.32E+01	3.97E-02	20
9.0	0.00	1.11	2.10	7.02E-09	8.44E-08	2.28E-06	9.57E-10	3.73E+02	4.80E+03	3.68E+02	1.04E+00	20
	0.46	0.67	1.28	4.26E-09	5.12E-08	1.38E-06	5.81E-10	2.34E+02	2.92E+03	2.31E+02	6.33E-01	20
	0.92	0.15	0.28	9.50E-10	1.14E-08	3.09E-07	1.30E-10	6.78E+01	6.67E+02	6.70E+01	1.41E-01	20
	1.38	0.01	0.02	7.80E-11	9.38E-10	2.53E-08	1.06E-11	2.39E+01	7.31E+01	2.39E+01	1.16E-02	20
10.0	0.00	0.24	0.44	1.25E-09	2.29E-08	4.21E-07	1.61E-10	8.29E+01	1.32E+03	1.11E+02	2.73E-01	20
	0.50	0.15	0.27	7.59E-10	1.39E-08	2.55E-07	9.79E-11	5.82E+01	8.06E+02	7.52E+01	1.66E-01	20
	0.99	0.03	0.06	1.69E-10	3.10E-09	5.69E-08	2.19E-11	2.85E+01	1.95E+02	3.23E+01	3.70E-02	20
	1.49	0.00	0.00	1.39E-11	2.54E-10	4.67E-09	1.79E-12	2.07E+01	3.44E+01	2.10E+01	3.03E-03	20

1995 Graded Exercise



## State of Texas

1995 Graded Exercise

06-December-1995

REAL TIME: 11:30

RELATIVE TIME: H+04:30

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## OFFSITE RADIOLOGICAL SURVEY DATA

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## -----METEOROLOGICAL DATA-----

WIND SPEED (MPH)	8.00
DELTA-T (DEG. F/50M)	-0.90
STABILITY CLASS (PASQUILL)	D
WIND DIRECTION (DEGREES)	233.0
PLUME TRAVEL (MI)	1.728E+01
PLUME TRAILING EDGE (MI)	0.000E+00

## -----RELEASE DATA-----

NOBLE GAS (CI/SEC)	3.885E+01
IODINE (CI/SEC)	3.288E-01
PARTICULATE (CI/SEC)	7.670E-01
TOTAL (CI/SEC)	3.994E+01
AVERAGE GAMMA (MEV/DIS)	0.45
AVERAGE BETA (MEV/DIS)	0.27

1995 Graded Exercise

LOCATION		DOSE RATE		AIR CONCENTRATION				AIR SAMPLE CPM		GROUND DEPOSITION		BACKGROUN
DOWN	DIST.	CLOSED	OPEN	GROSS	GROSS	NOBLE	IODINE	GROSS	GROSS	GROSS	NET	BACKGROUN
WIND	OFF	WINDOW	WINDOW	IODINE	PART.	GAS	131	IODINE	PART.	DEPOSIT.	GROUND	COUNT
DIST	CENT.	DOSE R.	DOSE R.	ACTIVITY	ACTIVITY	ACTIVITY	ACTIVITY	COUNT R.	COUNT R.	COUNT R.	DEPOSIT.	RATE
(MI)	(MI)	(MR/HR)	(MR/HR)	(UCI/CC)	(UCI/CC)	(UCI/CC)	(UCI/CC)	(CPM)	(CPM)	(CPM)	(UCI/M2)	(CPM)
0.5	0.00	286.86	667.88	8.06E-06	1.88E-05	9.89E-04	1.40E-06	4.05E+05	1.06E+06	2.48E+05	7.45E+02	20
	0.04	173.99	405.09	4.89E-06	1.14E-05	6.00E-04	8.50E-07	2.46E+05	6.46E+05	1.51E+05	4.52E+02	20
	0.08	38.82	90.39	1.09E-06	2.55E-06	1.34E-04	1.90E-07	5.49E+04	1.44E+05	3.36E+04	1.01E+02	20
	0.12	3.19	7.42	8.95E-08	2.09E-07	1.10E-05	1.56E-08	4.52E+03	1.18E+04	2.78E+03	8.28E+00	20
1.0	0.00	129.65	301.86	3.53E-06	8.25E-06	4.48E-04	6.14E-07	1.78E+05	4.67E+05	1.09E+05	3.27E+02	20
	0.07	78.64	183.09	2.14E-06	5.01E-06	2.71E-04	3.73E-07	1.08E+05	2.83E+05	6.60E+04	1.98E+02	20
	0.15	17.55	40.85	4.78E-07	1.12E-06	6.06E-05	8.32E-08	2.41E+04	6.32E+04	1.48E+04	4.42E+01	20
	0.22	1.44	3.35	3.93E-08	9.17E-08	4.97E-06	6.83E-09	1.99E+03	5.21E+03	1.23E+03	3.63E+00	20
1.5	0.00	76.11	177.21	2.07E-06	4.84E-06	2.63E-04	3.61E-07	1.04E+05	2.74E+05	6.39E+04	1.92E+02	20
	0.11	46.17	107.48	1.26E-06	2.94E-06	1.59E-04	2.19E-07	6.33E+04	1.66E+05	3.88E+04	1.16E+02	20
	0.22	10.30	23.98	2.81E-07	6.55E-07	3.56E-05	4.88E-08	1.41E+04	3.71E+04	8.66E+03	2.60E+01	20
	0.32	0.85	1.97	2.30E-08	5.38E-08	2.92E-06	4.01E-09	1.18E+03	3.06E+03	7.29E+02	2.13E+00	20
2.0	0.00	52.02	117.91	1.26E-06	3.22E-06	1.69E-04	2.12E-07	6.33E+04	1.82E+05	3.58E+04	1.07E+02	20
	0.14	31.55	71.52	7.63E-07	1.95E-06	1.03E-04	1.28E-07	3.84E+04	1.10E+05	2.17E+04	6.51E+01	20
	0.28	7.04	15.96	1.70E-07	4.35E-07	2.29E-05	2.86E-08	8.58E+03	2.46E+04	4.86E+03	1.45E+01	20
	0.42	0.58	1.31	1.40E-08	3.57E-08	1.88E-06	2.35E-09	7.23E+02	2.04E+03	4.17E+02	1.19E+00	20
3.0	0.00	30.14	68.33	7.41E-07	1.89E-06	9.80E-05	1.25E-07	3.73E+04	1.07E+05	2.11E+04	6.32E+01	20
	0.20	18.28	41.44	4.49E-07	1.15E-06	5.94E-05	7.56E-08	2.26E+04	6.50E+04	1.28E+04	3.83E+01	20
	0.39	4.08	9.25	1.00E-07	2.56E-07	1.33E-05	1.69E-08	5.06E+03	1.45E+04	2.87E+03	8.55E+00	20
	0.59	0.33	0.76	8.23E-09	2.10E-08	1.09E-06	1.38E-09	4.34E+02	1.21E+03	2.54E+02	7.02E-01	20
4.0	0.00	20.15	44.38	4.45E-07	1.26E-06	6.14E-05	7.23E-08	2.24E+04	7.11E+04	1.15E+04	3.45E+01	20
	0.25	12.22	26.92	2.70E-07	7.62E-07	3.72E-05	4.39E-08	1.36E+04	4.31E+04	6.99E+03	2.09E+01	20
	0.50	2.73	6.01	6.03E-08	1.70E-07	8.31E-06	9.79E-09	3.05E+03	9.64E+03	1.58E+03	4.67E+00	20
	0.75	0.22	0.49	4.95E-09	1.40E-08	6.82E-07	8.04E-10	2.69E+02	8.10E+02	1.48E+02	3.84E-01	20

# State of Texas

1995 Graded Exercise

06-December-1995

REAL TIME: 11:30

RELATIVE TIME: H+04:30

LOCATION		DOSE RATE		AIR CONCENTRATION				AIR SAMPLE CPM		GROUND DEPOSITION		BACKGROUN
DOWN	DIST.	CLOSED	OPEN	GROSS	GROSS	NOBLE	IODINE	GROSS	GROSS	GROSS	NET	BACKGROUN
WIND	OFF	WINDOW	WINDOW	IODINE	PART.	GAS	131	IODINE	PART.	DEPOSIT.	GROUND	COUNT
DIST	CENT.	DOSE R.	DOSE R.	ACTIVITY	ACTIVITY	ACTIVITY	ACTIVITY	COUNT R.	COUNT R.	COUNT R.	DEPOSIT.	RATE
(MI)	(MI)	(MR/HR)	(MR/HR)	(UCI/CC)	(UCI/CC)	(UCI/CC)	(UCI/CC)	(CPM)	(CPM)	(CPM)	(UCI/M2)	(CPM)
5.0	0.00	14.00	29.87	2.75E-07	8.63E-07	3.96E-05	4.30E-08	1.39E+04	4.88E+04	6.35E+03	1.90E+01	20
	0.30	8.49	18.12	1.67E-07	5.23E-07	2.40E-05	2.61E-08	8.42E+03	2.96E+04	3.86E+03	1.15E+01	20
	0.60	1.89	4.04	3.72E-08	1.17E-07	5.36E-06	5.82E-09	1.89E+03	6.63E+03	8.77E+02	2.57E+00	20
	0.89	0.16	0.33	3.06E-09	9.59E-09	4.40E-07	4.78E-10	1.74E+02	5.62E+02	9.04E+01	2.11E-01	20
6.0	0.00	11.10	23.69	2.21E-07	6.94E-07	3.14E-05	3.46E-08	1.12E+04	3.93E+04	5.12E+03	1.53E+01	20
	0.34	6.73	14.37	1.34E-07	4.21E-07	1.91E-05	2.10E-08	6.78E+03	2.38E+04	3.11E+03	9.28E+00	20
	0.69	1.50	3.21	3.00E-08	9.39E-08	4.25E-06	4.68E-09	1.53E+03	5.34E+03	7.10E+02	2.07E+00	20
	1.03	0.12	0.26	2.46E-09	7.71E-09	3.49E-07	3.84E-10	1.44E+02	4.56E+02	7.66E+01	1.70E-01	20
7.0	0.00	7.59	15.65	1.30E-07	4.63E-07	1.98E-05	1.95E-08	6.56E+03	2.62E+04	2.69E+03	8.03E+00	20
	0.38	4.61	9.49	7.89E-08	2.81E-07	1.20E-05	1.18E-08	3.99E+03	1.59E+04	1.64E+03	4.87E+00	20
	0.77	1.03	2.12	1.76E-08	6.26E-08	2.67E-06	2.64E-09	9.05E+02	3.56E+03	3.82E+02	1.09E+00	20
	1.15	0.08	0.17	1.44E-09	5.14E-09	2.19E-07	2.17E-10	9.27E+01	5.11E+02	4.97E+01	8.92E-02	20
8.0	0.00	6.44	13.28	1.12E-07	3.97E-07	1.68E-05	1.67E-08	5.64E+03	2.25E+04	2.32E+03	70E+00	20
	0.42	3.91	8.05	6.77E-08	2.41E-07	1.02E-05	1.01E-08	3.43E+03	1.37E+04	1.41E+03	4.18E+00	20
	0.85	0.87	1.80	1.51E-08	5.37E-08	2.27E-06	2.26E-09	7.80E+02	3.06E+03	3.31E+02	9.33E-01	20
	1.27	0.07	0.15	1.24E-09	4.41E-09	1.86E-07	1.86E-10	8.24E+01	2.70E+02	4.55E+01	7.66E-02	20
9.0	0.00	3.34	6.63	4.20E-08	2.11E-07	7.85E-06	6.01E-09	2.13E+03	1.20E+04	9.94E+02	2.92E+00	20
	0.46	2.03	4.02	2.54E-08	1.28E-07	4.76E-06	3.64E-09	1.30E+03	7.26E+03	6.10E+02	1.77E+00	20
	0.92	0.45	0.90	5.68E-09	2.86E-08	1.06E-06	8.13E-10	3.06E+02	1.64E+03	1.52E+02	3.96E-01	20
	1.38	0.04	0.07	4.66E-10	2.34E-09	6.73E-08	6.67E-11	4.34E+01	1.53E+02	3.08E+01	3.25E-02	20
10.0	0.00	0.97	1.84	6.03E-09	7.25E-08	2.00E-06	8.21E-10	3.23E+02	4.12E+03	3.11E+02	8.74E-01	20
	0.50	0.59	1.12	3.66E-09	4.40E-08	1.21E-06	4.98E-10	2.04E+02	2.51E+03	1.97E+02	5.30E-01	20
	0.99	0.13	0.25	8.16E-10	9.82E-09	2.71E-07	1.11E-10	6.10E+01	5.75E+02	5.94E+01	1.18E-01	20
	1.49	0.01	0.02	6.70E-11	8.06E-10	2.22E-08	9.13E-12	2.34E+01	6.56E+01	2.32E+01	9.71E-03	20

1995 Graded Exercise



# State of Texas

1995 Graded Exercise

06-December-1995

REAL TIME: 11:45

RELATIVE TIME: H+04:45

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## OFFSITE RADIOLOGICAL SURVEY DATA

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### -----METEOROLOGICAL DATA-----

WIND SPEED (MPH)	8.00
DELTA-T (DEG. F/50M)	-0.90
STABILITY CLASS (PASQUILL)	D
WIND DIRECTION (DEGREES)	235.0
PLUME TRAVEL (MI)	1.929E+01
PLUME TRAILING EDGE (MI)	0.000E+00

### -----RELEASE DATA-----

NOBLE GAS (CI/SEC)	3.993E+01
IODINE (CI/SEC)	3.367E-01
PARTICULATE (CI/SEC)	7.249E-01
TOTAL (CI/SEC)	4.099E+01
AVERAGE GAMMA (MEV/DIS)	0.43
AVERAGE BETA (MEV/DIS)	0.26

1995 Graded Exercise

LOCATION		DOSE RATE		AIR CONCENTRATION				AIR SAMPLE CPM		GROUND DEPOSITION		BACKGROUND
DOWN	DIST.	CLOSED	OPEN	GROSS	GROSS	NOBLE	IODINE	GROSS	GROSS	GROSS	NET	BACKGROUND
WIND	OFF	WINDOW	WINDOW	IODINE	PART.	GAS	131	IODINE	PART.	DEPOSIT.	GROUND	COUNT
DIST	CENT.	DOSE R.	DOSE R.	ACTIVITY	ACTIVITY	ACTIVITY	ACTIVITY	COUNT R.	COUNT R.	COUNT R.	DEPOSIT.	RATE
(MI)	(MI)	(MR/HR)	(MR/HR)	(UCI/CC)	(UCI/CC)	(UCI/CC)	(UCI/CC)	(CPM)	(CPM)	(CPM)	(UCI/M2)	(CPM)
0.5	0.00	278.39	664.59	8.25E-06	1.78E-05	1.02E-03	1.48E-06	4.15E+05	1.01E+06	2.64E+05	7.93E+02	20
	0.04	168.85	403.09	5.00E-06	1.08E-05	6.17E-04	8.97E-07	2.52E+05	6.10E+05	1.60E+05	4.81E+02	20
	0.08	37.68	89.94	1.12E-06	2.41E-06	1.38E-04	2.00E-07	5.62E+04	1.36E+05	3.58E+04	1.07E+02	20
	0.12	3.09	7.38	9.17E-08	1.98E-07	1.13E-05	1.64E-08	4.63E+03	1.12E+04	2.95E+03	8.81E+00	20
1.0	0.00	125.83	300.39	3.62E-06	7.80E-06	4.60E-04	6.49E-07	1.82E+05	4.41E+05	1.16E+05	3.48E+02	20
	0.07	76.32	182.19	2.20E-06	4.73E-06	2.79E-04	3.93E-07	1.10E+05	2.68E+05	7.03E+04	2.11E+02	20
	0.15	17.03	40.65	4.90E-07	1.06E-06	6.23E-05	8.78E-08	2.47E+04	5.97E+04	1.57E+04	4.71E+01	20
	0.22	1.40	3.34	4.02E-08	8.66E-08	5.11E-06	7.21E-09	2.04E+03	4.92E+03	1.31E+03	3.86E+00	20
1.5	0.00	73.87	176.34	2.12E-06	4.58E-06	2.70E-04	3.81E-07	1.07E+05	2.59E+05	6.80E+04	2.04E+02	20
	0.11	44.80	106.96	1.29E-06	2.78E-06	1.64E-04	2.31E-07	6.48E+04	1.57E+05	4.12E+04	1.24E+02	20
	0.22	10.00	23.87	2.87E-07	6.19E-07	3.65E-05	5.15E-08	1.45E+04	3.51E+04	9.22E+03	2.76E+01	20
	0.32	0.82	1.96	2.36E-08	5.08E-08	3.00E-06	4.23E-09	1.21E+03	2.90E+03	7.75E+02	2.27E+00	20
2.0	0.00	51.39	119.66	1.32E-06	3.08E-06	1.78E-04	2.29E-07	6.63E+04	1.74E+05	3.93E+04	1.18E+02	20
	0.14	31.17	72.57	8.00E-07	1.87E-06	1.08E-04	1.39E-07	4.02E+04	1.06E+05	2.38E+04	7.15E+01	20
	0.28	6.96	16.19	1.78E-07	4.17E-07	2.40E-05	3.10E-08	8.99E+03	2.36E+04	5.33E+03	1.60E+01	20
	0.42	0.57	1.33	1.46E-08	3.42E-08	1.97E-06	2.55E-09	7.57E+02	1.96E+03	4.56E+02	1.31E+00	20
3.0	0.00	29.78	69.33	7.76E-07	1.81E-06	1.03E-04	1.35E-07	3.91E+04	1.03E+05	2.31E+04	6.94E+01	20
	0.20	18.06	42.05	4.71E-07	1.10E-06	6.24E-05	8.19E-08	2.37E+04	6.23E+04	1.40E+04	4.21E+01	20
	0.39	4.03	9.38	1.05E-07	2.46E-07	1.39E-05	1.83E-08	5.30E+03	1.39E+04	3.15E+03	9.40E+00	20
	0.59	0.33	0.77	8.62E-09	2.02E-08	1.14E-06	1.50E-09	4.54E+02	1.16E+03	2.77E+02	7.71E-01	20
4.0	0.00	20.51	46.49	4.85E-07	1.24E-06	6.67E-05	8.17E-08	2.44E+04	7.03E+04	1.34E+04	4.00E+01	20
	0.25	12.44	28.20	2.94E-07	7.53E-07	4.05E-05	4.95E-08	1.48E+04	4.26E+04	8.11E+03	2.43E+01	20
	0.50	2.78	6.29	6.57E-08	1.68E-07	9.03E-06	1.11E-08	3.32E+03	9.53E+03	1.82E+03	5.42E+00	20
	0.75	0.23	0.52	5.39E-09	1.38E-08	7.41E-07	9.07E-10	2.91E+02	8.01E+02	1.68E+02	4.45E-01	20

# State of Texas

1995 Graded Exercise

06-December-1995

REAL TIME: 11:45

RELATIVE TIME: H+04:45

LOCATION		DOSE RATE		AIR CONCENTRATION				AIR SAMPLE CPM		GROUND DEPOSITION		BACKGROUND
DOWN	DIST.	CLOSED	OPEN	GROSS	GROSS	NOBLE	IODINE	GROSS	GROSS	GROSS	NET	BACKGROUND
WIND	OFF	WINDOW	WINDOW	IODINE	PART.	GAS	131	IODINE	PART.	DEPOSIT.	GROUND	COUNT
DIST	CENT.	DOSE R.	DOSE R.	ACTIVITY	ACTIVITY	ACTIVITY	ACTIVITY	COUNT R.	COUNT R.	COUNT R.	DEPOSIT.	RATE
(MI)	(MI)	(MR/HR)	(MR/HR)	(UCI/CC)	(UCI/CC)	(UCI/CC)	(UCI/CC)	(CPM)	(CPM)	(CPM)	(UCI/M2)	(CPM)
5.0	0.00	15.02	33.09	3.22E-07	9.09E-07	4.58E-05	5.23E-08	1.62E+04	5.14E+04	8.07E+03	2.42E+01	20
	0.30	9.11	20.07	1.95E-07	5.51E-07	2.78E-05	3.17E-08	9.84E+03	3.12E+04	4.90E+03	1.47E+01	20
	0.60	2.03	4.48	4.36E-08	1.23E-07	6.20E-06	7.07E-09	2.21E+03	6.98E+03	1.11E+03	3.27E+00	20
	0.89	0.17	0.37	3.58E-09	1.01E-08	5.09E-07	5.81E-10	2.00E+02	5.91E+02	1.09E+02	2.69E-01	20
6.0	0.00	11.91	26.23	2.59E-07	7.31E-07	3.63E-05	4.20E-08	1.30E+04	4.14E+04	6.50E+03	1.95E+01	20
	0.34	7.23	15.91	1.57E-07	4.43E-07	2.20E-05	2.55E-08	7.92E+03	2.51E+04	3.95E+03	1.18E+01	20
	0.69	1.61	3.55	3.50E-08	9.89E-08	4.91E-06	5.69E-09	1.78E+03	5.62E+03	8.97E+02	2.63E+00	20
	1.03	0.13	0.29	2.88E-09	8.12E-09	4.03E-07	4.67E-10	1.65E+02	4.80E+02	9.20E+01	2.16E-01	20
7.0	0.00	9.11	19.45	1.77E-07	5.55E-07	2.58E-05	2.77E-08	8.92E+03	3.14E+04	4.00E+03	1.20E+01	20
	0.38	5.53	11.79	1.07E-07	3.37E-07	1.57E-05	1.68E-08	5.42E+03	1.91E+04	2.43E+03	7.25E+00	20
	0.77	1.23	2.63	2.39E-08	7.51E-08	3.49E-06	3.74E-09	1.22E+03	4.27E+03	5.59E+02	1.62E+00	20
	1.15	0.10	0.22	1.97E-09	6.17E-09	2.87E-07	3.07E-10	1.19E+02	3.69E+02	6.42E+01	1.33E-01	20
8.0	0.00	7.73	16.49	1.52E-07	4.77E-07	2.19E-05	2.37E-08	7.66E+03	2.70E+04	3.44E+03	1.03E+01	20
	0.42	4.69	10.00	9.21E-08	2.89E-07	1.33E-05	1.44E-08	4.65E+03	1.64E+04	2.09E+03	6.22E+00	20
	0.85	1.05	2.23	2.06E-08	6.45E-08	2.96E-06	3.21E-09	1.05E+03	3.67E+03	4.83E+02	1.39E+00	20
	1.27	0.09	0.18	1.69E-09	5.30E-09	2.43E-07	2.64E-10	1.05E+02	3.20E+02	5.80E+01	1.14E-01	20
9.0	0.00	5.56	11.45	9.41E-08	3.35E-07	1.45E-05	1.41E-08	4.75E+03	1.90E+04	1.93E+03	5.74E+00	20
	0.46	3.37	6.95	5.70E-08	2.03E-07	8.77E-06	8.55E-09	2.89E+03	1.15E+04	1.18E+03	3.48E+00	20
	0.92	0.75	1.55	1.27E-08	4.53E-08	1.96E-06	1.91E-09	6.60E+02	2.58E+03	2.79E+02	7.76E-01	20
	1.38	0.06	0.13	1.04E-09	3.72E-09	1.61E-07	1.57E-10	7.26E+01	2.30E+02	4.12E+01	6.37E-02	20
10.0	0.00	2.93	5.82	3.60E-08	1.81E-07	6.89E-06	5.16E-09	1.83E+03	1.03E+04	8.49E+02	2.49E+00	20
	0.50	1.78	3.53	2.18E-08	1.10E-07	4.18E-06	3.13E-09	1.12E+03	6.24E+03	5.23E+02	1.51E+00	20
	0.99	0.40	0.79	4.87E-09	2.45E-08	9.33E-07	6.98E-10	2.65E+02	1.41E+03	1.32E+02	3.37E-01	20
	1.49	0.03	0.06	4.00E-10	2.01E-09	7.66E-08	5.73E-11	4.01E+01	1.34E+02	2.92E+01	2.77E-02	20

1995 Graded Exercise

# State of Texas

1995 Graded Exercise

06-December-1995

REAL TIME: 12:00

RELATIVE TIME: H+05:00

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## OFFSITE RADIOLOGICAL SURVEY DATA

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### -----METEOROLOGICAL DATA-----

WIND SPEED (MPH)	8.00
DELTA-T (DEG. F/50M)	-0.90
STABILITY CLASS (PASQUILL)	D
WIND DIRECTION (DEGREES)	235.0
PLUME TRAVEL (MI)	2.129E+01
PLUME TRAILING EDGE (MI)	0.000E+00

### -----RELEASE DATA-----

NOBLE GAS (CI/SEC)	4.048E+01
IODINE (CI/SEC)	3.398E-01
PARTICULATE (CI/SEC)	6.815E-01
TOTAL (CI/SEC)	4.150E+01
AVERAGE GAMMA (MEV/DIS)	0.41
AVERAGE BETA (MEV/DIS)	0.25

1995 Graded Exercise

LOCATION		DOSE RATE		AIR CONCENTRATION				AIR SAMPLE CPM		GROUND DEPOSITION		BACKGROUND
DOWN	DIST.	CLOSED	OPEN	GROSS	GROSS	NOBLE	IODINE	GROSS	GROSS	GROSS	NET	BACKGROUND
WIND	OFF	WINDOW	WINDOW	IODINE	PART.	GAS	131	IODINE	PART.	DEPOSIT.	GROUND	COUNT
DIST	CENT.	DOSE R.	DOSE R.	ACTIVITY	ACTIVITY	ACTIVITY	ACTIVITY	COUNT R.	COUNT R.	COUNT R.	DEPOSIT.	RATE
(MI)	(MI)	(MR/HR)	(MR/HR)	(UCI/CC)	(UCI/CC)	(UCI/CC)	(UCI/CC)	(CPM)	(CPM)	(CPM)	(UCI/M2)	(CPM)
0.5	0.00	267.18	653.05	8.33E-06	1.67E-05	1.03E-03	1.54E-06	4.19E+05	9.46E+05	2.78E+05	8.35E+02	20
	0.04	162.06	396.10	5.05E-06	1.01E-05	6.25E-04	9.31E-07	2.54E+05	5.74E+05	1.69E+05	5.06E+02	20
	0.08	36.16	88.38	1.13E-06	2.26E-06	1.40E-04	2.08E-07	5.67E+04	1.28E+05	3.76E+04	1.13E+02	20
	0.12	2.97	7.25	9.25E-08	1.86E-07	1.15E-05	1.71E-08	4.67E+03	1.05E+04	3.11E+03	9.27E+00	20
1.0	0.00	120.77	295.18	3.65E-06	7.33E-06	4.66E-04	6.73E-07	1.84E+05	4.15E+05	1.22E+05	3.66E+02	20
	0.07	73.25	179.04	2.22E-06	4.45E-06	2.83E-04	4.08E-07	1.11E+05	2.52E+05	7.40E+04	2.22E+02	20
	0.15	16.34	39.95	4.94E-07	9.92E-07	6.31E-05	9.11E-08	2.49E+04	5.62E+04	1.65E+04	4.96E+01	20
	0.22	1.34	3.28	4.06E-08	8.15E-08	5.18E-06	7.48E-09	2.06E+03	4.63E+03	1.37E+03	4.07E+00	20
1.5	0.00	70.90	173.29	2.14E-06	4.30E-06	2.74E-04	3.95E-07	1.08E+05	2.43E+05	7.16E+04	2.15E+02	20
	0.11	43.00	105.11	1.30E-06	2.61E-06	1.66E-04	2.40E-07	6.54E+04	1.48E+05	4.34E+04	1.30E+02	20
	0.22	9.60	23.45	2.90E-07	5.82E-07	3.70E-05	5.35E-08	1.46E+04	3.30E+04	9.70E+03	2.91E+01	20
	0.32	0.79	1.93	2.38E-08	4.78E-08	3.04E-06	4.39E-09	1.22E+03	2.72E+03	8.15E+02	2.39E+00	20
2.0	0.00	49.88	119.08	1.35E-06	2.91E-06	1.83E-04	2.42E-07	6.79E+04	1.65E+05	4.22E+04	1.27E+02	20
	0.14	30.26	72.23	8.19E-07	1.77E-06	1.11E-04	1.47E-07	4.12E+04	1.00E+05	2.56E+04	7.68E+01	20
	0.28	6.75	16.12	1.83E-07	3.94E-07	2.47E-05	3.28E-08	9.21E+03	2.23E+04	5.73E+03	1.71E+01	20
	0.42	0.55	1.32	1.50E-08	3.24E-08	2.03E-06	2.69E-09	7.74E+02	1.85E+03	4.88E+02	1.41E+00	20
3.0	0.00	28.90	69.00	7.95E-07	1.71E-06	1.06E-04	1.42E-07	4.00E+04	9.70E+04	2.48E+04	7.46E+01	20
	0.20	17.53	41.85	4.82E-07	1.04E-06	6.42E-05	8.64E-08	2.43E+04	5.89E+04	1.51E+04	4.52E+01	20
	0.39	3.91	9.34	1.08E-07	2.32E-07	1.43E-05	1.93E-08	5.43E+03	1.32E+04	3.38E+03	1.01E+01	20
	0.59	0.32	0.77	8.83E-09	1.90E-08	1.17E-06	1.58E-09	4.64E+02	1.10E+03	2.96E+02	8.28E-01	20
4.0	0.00	20.26	47.18	5.09E-07	1.19E-06	7.01E-05	8.84E-08	2.56E+04	6.73E+04	1.48E+04	4.44E+01	20
	0.25	12.29	28.61	3.09E-07	7.22E-07	4.25E-05	5.36E-08	1.55E+04	4.09E+04	8.99E+03	2.69E+01	20
	0.50	2.74	6.38	6.88E-08	1.61E-07	9.48E-06	1.20E-08	3.48E+03	9.13E+03	2.02E+03	6.01E+00	20
	0.75	0.23	0.52	5.65E-09	1.32E-08	7.79E-07	9.82E-10	3.04E+02	7.68E+02	1.84E+02	4.93E-01	20

State of Texas

1995 Graded Exercise

06-December-1995

REAL TIME: 12:00

RELATIVE TIME: H+05:00

LOCATION		DOSE RATE		AIR CONCENTRATION				AIR SAMPLE CPM		GROUND DEPOSITION		BACKGROUND
DOWN	DIST.	CLOSED	OPEN	GROSS	GROSS	NOBLE	IODINE	GROSS	GROSS	GROSS	NET	BACKGROUND
WIND	OFF	WINDOW	WINDOW	IODINE	PART.	GAS	131	IODINE	PART.	DEPOSIT.	GROUND	COUNT
DIST	CENT.	DOSE R.	DOSE R.	ACTIVITY	ACTIVITY	ACTIVITY	ACTIVITY	COUNT R.	COUNT R.	COUNT R.	DEPOSIT.	RATE
(MI)	(MI)	(MR/HR)	(MR/HR)	(UCI/CC)	(UCI/CC)	(UCI/CC)	(UCI/CC)	(CPM)	(CPM)	(CPM)	(UCI/M2)	(CPM)
5.0	0.00	15.29	36.66	3.51E-07	8.98E-07	4.98E-05	5.90E-08	1.77E+04	5.08E+04	9.45E+03	2.83E+01	20
	0.30	9.27	21.02	2.13E-07	5.45E-07	3.02E-05	3.58E-08	1.07E+04	3.08E+04	5.74E+03	1.72E+01	20
	0.60	2.07	4.69	4.75E-08	1.22E-07	6.74E-06	7.98E-09	2.41E+03	6.90E+03	1.30E+03	3.83E+00	20
	0.89	0.17	0.38	3.90E-09	9.98E-09	5.53E-07	6.55E-10	2.16E+02	5.84E+02	1.25E+02	3.15E-01	20
6.0	0.00	12.12	27.48	2.82E-07	7.22E-07	3.95E-05	4.75E-08	1.42E+04	4.09E+04	7.61E+03	2.28E+01	20
	0.34	7.35	16.67	1.71E-07	4.38E-07	2.39E-05	2.88E-08	8.63E+03	2.48E+04	4.62E+03	1.38E+01	20
	0.69	1.64	3.72	3.82E-08	9.78E-08	5.34E-06	6.42E-09	1.94E+03	5.55E+03	1.05E+03	3.08E+00	20
	1.03	0.13	0.31	3.13E-09	8.03E-09	4.38E-07	5.27E-10	1.78E+02	4.74E+02	1.04E+02	2.53E-01	20
7.0	0.00	9.78	21.54	2.07E-07	5.85E-07	2.98E-05	3.36E-08	1.04E+04	3.31E+04	5.12E+03	1.53E+01	20
	0.38	5.93	13.06	1.26E-07	3.55E-07	1.81E-05	2.04E-08	6.33E+03	2.01E+04	3.11E+03	9.29E+00	20
	0.77	1.32	2.91	2.80E-08	7.91E-08	4.04E-06	4.55E-09	1.43E+03	4.50E+03	7.10E+02	2.07E+00	20
	1.15	0.11	0.24	2.30E-09	6.50E-09	3.31E-07	3.73E-10	1.36E+02	3.88E+02	7.67E+01	1.70E-01	20
8.0	0.00	8.29	18.27	1.78E-07	5.02E-07	2.53E-05	2.88E-08	8.95E+03	2.84E+04	4.40E+03	1.31E+01	20
	0.42	5.03	11.08	1.08E-07	3.04E-07	1.53E-05	1.75E-08	5.44E+03	1.72E+04	2.68E+03	7.97E+00	20
	0.85	1.12	2.47	2.40E-08	6.79E-08	3.42E-06	3.90E-09	1.23E+03	3.86E+03	6.12E+02	1.78E+00	20
	1.27	0.09	0.20	1.97E-09	5.58E-09	2.81E-07	3.20E-10	1.19E+02	3.36E+02	6.86E+01	1.46E-01	20
9.0	0.00	6.67	14.23	1.28E-07	4.02E-07	1.89E-05	2.00E-08	6.46E+03	2.28E+04	2.88E+03	8.57E+00	20
	0.46	4.04	8.63	7.76E-08	2.44E-07	1.15E-05	1.21E-08	3.92E+03	1.38E+04	1.75E+03	5.20E+00	20
	0.92	0.90	1.93	1.73E-08	5.44E-08	2.56E-06	2.71E-09	8.91E+02	3.10E+03	4.06E+02	1.16E+00	20
	1.38	0.07	0.16	1.42E-09	4.46E-09	2.10E-07	2.22E-10	9.15E+01	2.73E+02	5.17E+01	9.53E-02	20
10.0	0.00	4.87	10.05	8.07E-08	2.88E-07	1.27E-05	1.21E-08	4.08E+03	1.63E+04	1.65E+03	4.90E+00	20
	0.50	2.96	6.09	4.90E-08	1.74E-07	7.70E-06	7.34E-09	2.48E+03	9.89E+03	1.01E+03	2.97E+00	20
	0.99	0.66	1.36	1.09E-08	3.89E-08	1.72E-06	1.64E-09	5.69E+02	2.22E+03	2.41E+02	6.63E-01	20
	1.49	0.05	0.11	8.97E-10	3.20E-09	1.41E-07	1.34E-10	6.51E+01	2.01E+02	3.81E+01	5.44E-02	20

1995 Graded Exercise

## State of Texas

1995 Graded Exercise

06-December-1995

REAL TIME: 12:15

RELATIVE TIME: H+05:15

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## OFFSITE RADIOLOGICAL SURVEY DATA

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-----METEOROLOGICAL DATA-----						-----RELEASE DATA-----	
WIND SPEED (MPH)	8.00	NOBLE GAS (CI/SEC)	4.066E+01				
DELTA-T (DEG. F/50M)	-1.00	IODINE (CI/SEC)	3.397E-01				
STABILITY CLASS (PASQUILL)	D	PARTICULATE (CI/SEC)	6.399E-01				
WIND DIRECTION (DEGREES)	235.0	TOTAL (CI/SEC)	4.164E+01				
PLUME TRAVEL (MI)	2.330E+01	AVERAGE GAMMA (MEV/DIS)	0.40				
PLUME TRAILING EDGE (MI)	0.000E+00	AVERAGE BETA (MEV/DIS)	0.25				

1995 Graded Exercise

LOCATION		DOSE RATE		AIR CONCENTRATION				AIR SAMPLE CPM		GROUND DEPOSITION		BACKGROUND
DOWN	DIST.	CLOSED	OPEN	GROSS	GROSS	NOBLE	IODINE	GROSS	GROSS	GROSS	NET	BACKGROUND
WIND	OFF	WINDOW	WINDOW	IODINE	PART.	GAS	131	IODINE	PART.	DEPOSIT.	GROUND	COUNT
DIST	CENT.	DOSE R.	DOSE R.	ACTIVITY	ACTIVITY	ACTIVITY	ACTIVITY	COUNT R.	COUNT R.	COUNT R.	DEPOSIT.	RATE
(MI)	(MI)	(MR/HR)	(MR/HR)	(UCI/CC)	(UCI/CC)	(UCI/CC)	(UCI/CC)	(CPM)	(CPM)	(CPM)	(UCI/M2)	(CPM)
0.5	0.00	254.61	636.36	8.32E-06	1.57E-05	1.04E-03	1.58E-06	4.19E+05	8.88E+05	2.91E+05	8.74E+02	20
	0.04	154.43	385.97	5.05E-06	9.52E-06	6.28E-04	9.56E-07	2.54E+05	5.39E+05	1.77E+05	5.30E+02	20
	0.08	34.46	86.12	1.13E-06	2.12E-06	1.40E-04	2.13E-07	5.67E+04	1.20E+05	3.94E+04	1.18E+02	20
	0.12	2.83	7.07	9.25E-08	1.74E-07	1.15E-05	1.75E-08	4.67E+03	9.89E+03	3.25E+03	9.71E+00	20
1.0	0.00	115.09	287.65	3.65E-06	6.89E-06	4.68E-04	6.91E-07	1.84E+05	3.90E+05	1.28E+05	3.83E+02	20
	0.07	69.81	174.47	2.21E-06	4.18E-06	2.84E-04	4.19E-07	1.11E+05	2.36E+05	7.74E+04	2.32E+02	20
	0.15	15.58	38.93	4.94E-07	9.32E-07	6.34E-05	9.36E-08	2.49E+04	5.27E+04	1.73E+04	5.19E+01	20
	0.22	1.28	3.20	4.06E-08	7.65E-08	5.20E-06	7.68E-09	2.06E+03	4.35E+03	1.44E+03	4.26E+00	20
1.5	0.00	67.56	168.87	2.14E-06	4.04E-06	2.75E-04	4.06E-07	1.08E+05	2.29E+05	7.49E+04	2.25E+02	20
	0.11	40.98	102.42	1.30E-06	2.45E-06	1.67E-04	2.46E-07	6.54E+04	1.39E+05	4.54E+04	1.36E+02	20
	0.22	9.14	22.85	2.90E-07	5.47E-07	3.72E-05	5.49E-08	1.46E+04	3.10E+04	1.02E+04	3.04E+01	20
	0.32	0.75	1.88	2.38E-08	4.49E-08	3.05E-06	4.51E-09	1.22E+03	2.56E+03	8.52E+02	2.50E+00	20
2.0	0.00	47.88	117.03	1.36E-06	2.74E-06	1.85E-04	2.51E-07	6.86E+04	1.55E+05	4.47E+04	1.34E+02	20
	0.14	29.04	70.98	8.26E-07	1.66E-06	1.12E-04	1.52E-07	4.16E+04	9.40E+04	2.71E+04	8.14E+01	20
	0.28	6.48	15.84	1.84E-07	3.71E-07	2.51E-05	3.40E-08	9.29E+03	2.10E+04	6.07E+03	1.82E+01	20
	0.42	0.53	1.30	1.51E-08	3.04E-08	2.06E-06	2.79E-09	7.81E+02	1.74E+03	5.16E+02	1.49E+00	20
3.0	0.00	27.74	67.81	8.02E-07	1.61E-06	1.07E-04	1.48E-07	4.04E+04	9.12E+04	2.63E+04	7.90E+01	20
	0.20	16.83	41.13	4.87E-07	9.78E-07	6.50E-05	8.97E-08	2.45E+04	5.53E+04	1.60E+04	4.79E+01	20
	0.39	3.75	9.18	1.09E-07	2.18E-07	1.45E-05	2.00E-08	5.48E+03	1.24E+04	3.58E+03	1.07E+01	20
	0.59	0.31	0.75	8.91E-09	1.79E-08	1.19E-06	1.64E-09	4.68E+02	1.03E+03	3.12E+02	8.78E-01	20
4.0	0.00	19.67	46.95	5.21E-07	1.12E-06	7.20E-05	9.34E-08	2.62E+04	6.37E+04	1.60E+04	4.80E+01	20
	0.25	11.93	28.48	3.16E-07	6.82E-07	4.37E-05	5.60E-08	1.59E+04	3.86E+04	9.71E+03	2.91E+01	20
	0.50	2.66	6.35	7.05E-08	1.52E-07	9.75E-06	1.26E-08	3.57E+03	8.63E+03	2.18E+03	6.50E+00	20
	0.75	0.22	0.52	5.79E-09	1.25E-08	8.00E-07	1.04E-09	3.11E+02	7.27E+02	1.98E+02	5.33E-01	20



State of Texas

1995 Graded Exercise

06-December-1995

REAL TIME: 12:15

RELATIVE TIME: H+05:15

LOCATION		DOSE RATE		AIR CONCENTRATION				AIR SAMPLE CPM		GROUND DEPOSITION		BACKGROUND
DOWN	DIST.	CLOSED	OPEN	GROSS	GROSS	NOBLE	IODINE	GROSS	GROSS	GROSS	NET	BACKGROUND
WIND	OFF	WINDOW	WINDOW	IODINE	PART.	GAS	131	IODINE	PART.	DEPOSIT.	GROUND	COUNT
DIST	CENT.	DOSE R.	DOSE R.	ACTIVITY	ACTIVITY	ACTIVITY	ACTIVITY	COUNT R.	COUNT R.	COUNT R.	DEPOSIT.	RATE
(MI)	(MI)	(MR/HR)	(MR/HR)	(UCI/CC)	(UCI/CC)	(UCI/CC)	(UCI/CC)	(CPM)	(CPM)	(CPM)	(UCI/M2)	(CPM)
5.0	0.00	15.11	35.17	3.68E-07	8.61E-07	5.23E-05	6.39E-08	1.85E+04	4.87E+04	1.05E+04	3.16E+01	20
	0.30	9.16	21.33	2.23E-07	5.22E-07	3.17E-05	3.88E-08	1.12E+04	2.96E+04	6.40E+03	1.92E+01	20
	0.60	2.04	4.76	4.97E-08	1.16E-07	7.08E-06	8.65E-09	2.52E+03	6.61E+03	1.44E+03	4.28E+00	20
	0.89	0.17	0.39	4.08E-09	9.56E-09	5.81E-07	7.10E-10	2.25E+02	5.61E+02	1.37E+02	3.51E-01	20
6.0	0.00	11.98	27.89	2.96E-07	6.92E-07	4.14E-05	5.14E-08	1.49E+04	3.92E+04	8.48E+03	2.54E+01	20
	0.34	7.26	16.91	1.79E-07	4.20E-07	2.51E-05	3.12E-08	9.04E+03	2.38E+04	5.15E+03	1.54E+01	20
	0.69	1.62	3.77	4.00E-08	9.37E-08	5.61E-06	6.96E-09	2.03E+03	5.32E+03	1.17E+03	3.44E+00	20
	1.03	0.13	0.31	3.28E-09	7.69E-09	4.60E-07	5.71E-10	1.85E+02	4.55E+02	1.14E+02	2.82E-01	20
7.0	0.00	9.95	22.56	2.25E-07	5.78E-07	3.24E-05	3.79E-08	1.14E+04	3.27E+04	6.02E+03	1.80E+01	20
	0.38	6.04	13.68	1.37E-07	3.51E-07	1.97E-05	2.30E-08	6.90E+03	1.99E+04	3.66E+03	1.09E+01	20
	0.77	1.35	3.05	3.05E-08	7.82E-08	4.39E-06	5.13E-09	1.55E+03	4.45E+03	8.31E+02	2.44E+00	20
	1.15	0.11	0.25	2.50E-09	6.42E-09	3.60E-07	4.21E-10	1.46E+02	3.83E+02	8.66E+01	2.00E-01	20
8.0	0.00	8.44	19.13	1.94E-07	4.96E-07	2.75E-05	3.26E-08	9.75E+03	2.81E+04	5.17E+03	1.55E+01	20
	0.42	5.12	11.60	1.17E-07	3.01E-07	1.67E-05	1.98E-08	5.92E+03	1.70E+04	3.14E+03	9.37E+00	20
	0.85	1.14	2.59	2.62E-08	6.71E-08	3.72E-06	4.41E-09	1.34E+03	3.82E+03	7.17E+02	2.09E+00	20
	1.27	0.09	0.21	2.15E-09	5.51E-09	3.05E-07	3.62E-10	1.28E+02	3.32E+02	7.72E+01	1.72E-01	20
9.0	0.00	7.16	15.76	1.50E-07	4.23E-07	2.18E-05	2.43E-08	7.55E+03	2.40E+04	3.68E+03	1.10E+01	20
	0.46	4.34	9.56	9.08E-08	2.57E-07	1.32E-05	1.47E-08	4.58E+03	1.45E+04	2.24E+03	6.68E+00	20
	0.92	0.97	2.13	2.02E-08	5.73E-08	2.95E-06	3.29E-09	1.04E+03	3.26E+03	5.16E+02	1.49E+00	20
	1.38	0.08	0.18	1.66E-09	4.70E-09	2.42E-07	2.70E-10	1.04E+02	2.86E+02	6.07E+01	1.22E-01	20
10.0	0.00	5.85	12.48	1.10E-07	3.45E-07	1.66E-05	1.72E-08	5.54E+03	1.96E+04	2.46E+03	7.33E+00	20
	0.50	3.55	7.57	6.66E-08	2.09E-07	1.01E-05	1.04E-08	3.37E+03	1.19E+04	1.50E+03	4.45E+00	20
	0.99	0.79	1.69	1.49E-08	4.67E-08	2.24E-06	2.32E-09	7.68E+02	2.66E+03	3.50E+02	9.92E-01	20
	1.49	0.06	0.14	1.22E-09	3.84E-09	1.84E-07	1.91E-10	8.14E+01	2.37E+02	4.71E+01	8.14E-02	20

1995 Graded Exercise

## State of Texas

1995 Graded Exercise

06-December-1995

REAL TIME: 12:30

RELATIVE TIME: H+05:30

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OFFSITE RADIOLOGICAL SURVEY DATA  
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## -----METEOROLOGICAL DATA-----

WIND SPEED (MPH) 9.00  
 DELTA-T (DEG. F/50M) -1.00  
 STABILITY CLASS (PASQUILL) D  
 WIND DIRECTION (DEGREES) 235.0  
 PLUME TRAVEL (MI) 2.555E+01  
 PLUME TRAILING EDGE (MI) 0.000E+00

## -----RELEASE DATA-----

NOBLE GAS (CI/SEC) 4.058E+01  
 IODINE (CI/SEC) 3.375E-01  
 PARTICULATE (CI/SEC) 6.012E-01  
 TOTAL (CI/SEC) 4.152E+01  
 AVERAGE GAMMA (MEV/DIS) 0.38  
 AVERAGE BETA (MEV/DIS) 0.24

1995 Graded Exercise

LOCATION		DOSE RATE		AIR CONCENTRATION				AIR SAMPLE CPM		GROUND DEPOSITION		BACKGROUND
DOWN	DIST.	CLOSED	OPEN	GROSS	GROSS	NOBLE	IODINE	GROSS	GROSS	GROSS	NET	BACKGROUND
WIND	OFF	WINDOW	WINDOW	IODINE	PART.	GAS	131	IODINE	PART.	DEPOSIT.	GROUND	COUNT
DIST	CENT.	DOSE R.	DOSE R.	ACTIVITY	ACTIVITY	ACTIVITY	ACTIVITY	COUNT R.	COUNT R.	COUNT R.	DEPOSIT.	RATE
(MI)	(MI)	(MR/HR)	(MR/HR)	(UCI/CC)	(UCI/CC)	(UCI/CC)	(UCI/CC)	(CPM)	(CPM)	(CPM)	(UCI/M2)	(CPM)
0.5	0.00	214.70	548.08	7.35E-06	1.31E-05	9.19E-04	1.43E-06	3.70E+05	7.42E+05	2.96E+05	8.89E+02	20
	0.04	130.22	332.43	4.46E-06	7.95E-06	5.57E-04	8.66E-07	2.24E+05	4.50E+05	1.80E+05	5.39E+02	20
	0.08	29.06	74.17	9.95E-07	1.77E-06	1.24E-04	1.93E-07	5.01E+04	1.00E+05	4.01E+04	1.20E+02	20
	0.12	2.39	6.09	8.17E-08	1.46E-07	1.02E-05	1.59E-08	4.13E+03	8.26E+03	3.31E+03	9.88E+00	20
1.0	0.00	97.05	247.75	3.22E-06	5.75E-06	4.16E-04	6.26E-07	1.62E+05	3.25E+05	1.30E+05	3.90E+02	20
	0.07	58.87	150.27	1.96E-06	3.49E-06	2.52E-04	3.80E-07	9.84E+04	1.97E+05	7.88E+04	2.36E+02	20
	0.15	13.13	33.53	4.34E-07	7.78E-07	5.62E-05	8.47E-08	2.20E+04	4.40E+04	1.76E+04	5.28E+01	20
	0.22	1.08	2.75	3.58E-08	6.39E-08	4.62E-06	6.95E-09	1.82E+03	3.63E+03	1.46E+03	4.33E+00	20
1.5	0.00	56.98	145.44	1.89E-06	3.37E-06	2.44E-04	3.67E-07	9.52E+04	1.91E+05	7.62E+04	2.29E+02	20
	0.11	34.56	88.22	1.15E-06	2.05E-06	1.48E-04	2.23E-07	5.77E+04	1.16E+05	4.62E+04	1.39E+02	20
	0.22	7.71	19.68	2.56E-07	4.57E-07	3.30E-05	4.97E-08	1.29E+04	2.59E+04	1.03E+04	3.10E+01	20
	0.32	0.63	1.62	2.10E-08	3.75E-08	2.71E-06	4.08E-09	1.08E+03	2.14E+03	8.66E+02	2.54E+00	20
2.0	0.00	40.56	101.37	1.21E-06	2.29E-06	1.65E-04	2.29E-07	6.09E+04	1.29E+05	4.57E+04	1.37E+02	20
	0.14	24.60	61.49	7.34E-07	1.39E-06	1.00E-04	1.39E-07	3.70E+04	7.85E+04	2.77E+04	8.32E+01	20
	0.28	5.49	13.72	1.64E-07	3.09E-07	2.24E-05	3.10E-08	8.26E+03	1.75E+04	6.20E+03	1.86E+01	20
	0.42	0.45	1.13	1.35E-08	2.54E-08	1.84E-06	2.55E-09	6.97E+02	1.46E+03	5.28E+02	1.52E+00	20
3.0	0.00	23.50	58.74	7.13E-07	1.35E-06	9.57E-05	1.35E-07	3.59E+04	7.62E+04	2.69E+04	8.08E+01	20
	0.20	14.25	35.63	4.32E-07	8.16E-07	5.81E-05	8.19E-08	2.18E+04	4.62E+04	1.63E+04	4.90E+01	20
	0.39	3.18	7.95	9.65E-08	1.82E-07	1.30E-05	1.83E-08	4.87E+03	1.03E+04	3.66E+03	1.09E+01	20
	0.59	0.26	0.65	7.92E-09	1.49E-08	1.06E-06	1.50E-09	4.18E+02	8.66E+02	3.19E+02	8.98E-01	20
4.0	0.00	16.78	41.01	4.67E-07	9.40E-07	6.49E-05	8.62E-08	2.35E+04	5.32E+04	1.65E+04	4.95E+01	20
	0.25	10.18	24.88	2.83E-07	5.70E-07	3.94E-05	5.23E-08	1.43E+04	3.23E+04	1.00E+04	3.00E+01	20
	0.50	2.27	5.55	6.32E-08	1.27E-07	8.78E-06	1.17E-08	3.20E+03	7.22E+03	2.25E+03	6.70E+00	20
	0.75	0.19	0.46	5.19E-09	1.04E-08	7.21E-07	9.57E-10	2.81E+02	6.11E+02	2.03E+02	5.50E-01	20



# State of Texas

1995 Graded Exercise

06-December-1995

REAL TIME: 12:30

RELATIVE TIME: H+05:30

LOCATION		DOSE RATE		AIR CONCENTRATION				AIR SAMPLE CPM		GROUND DEPOSITION		BACKGROUND
DOWN	DIST.	CLOSED	OPEN	GROSS	GROSS	MOBLE	IODINE	GROSS	GROSS	GROSS	NET	BACKGROUN
WIND	OFF	WINDOW	WINDOW	IODINE	PART.	GAS	131	IODINE	PART.	DEPOSIT.	GROUND	COUNT
DIST	CENT.	DOSE R.	DOSE R.	ACTIVITY	ACTIVITY	ACTIVITY	ACTIVITY	COUNT R.	COUNT R.	COUNT R.	DEPOSIT.	RATE
(MI)	(MI)	(MR/HR)	(MR/HR)	(UCI/CC)	(UCI/CC)	(UCI/CC)	(UCI/CC)	(CPM)	(CPM)	(CPM)	(UCI/M2)	(CPM)
5.0	0.00	13.03	31.11	3.35E-07	7.23E-07	4.78E-05	6.00E-08	1.68E+04	4.09E+04	1.10E+04	3.31E+01	20
	0.30	7.91	18.87	2.03E-07	4.38E-07	2.90E-05	3.64E-08	1.02E+04	2.48E+04	6.70E+03	2.01E+01	20
	0.60	1.76	4.21	4.53E-08	9.78E-08	6.47E-06	8.11E-09	2.30E+03	5.56E+03	1.51E+03	4.48E+00	20
	0.89	0.14	0.35	3.72E-09	8.03E-09	5.31E-07	6.66E-10	2.07E+02	4.74E+02	1.42E+02	3.68E-01	20
6.0	0.00	10.33	24.67	2.69E-07	5.82E-07	3.79E-05	4.82E-08	1.36E+04	3.29E+04	8.89E+03	2.66E+01	20
	0.34	6.27	14.96	1.63E-07	3.53E-07	2.30E-05	2.93E-08	8.23E+03	2.00E+04	5.40E+03	1.61E+01	20
	0.69	1.40	3.34	3.64E-08	7.87E-08	5.12E-06	6.53E-09	1.85E+03	4.47E+03	1.22E+03	3.60E+00	20
	1.03	0.11	0.27	2.99E-09	6.46E-09	4.21E-07	5.36E-10	1.70E+02	3.86E+02	1.18E+02	2.96E-01	20
7.0	0.00	8.74	20.35	2.10E-07	4.92E-07	3.03E-05	3.65E-08	1.06E+04	2.79E+04	6.47E+03	1.94E+01	20
	0.38	5.30	12.34	1.27E-07	2.99E-07	1.84E-05	2.22E-08	6.43E+03	1.69E+04	3.93E+03	1.17E+01	20
	0.77	1.18	2.75	2.84E-08	6.66E-08	4.10E-06	4.94E-09	1.45E+03	3.79E+03	8.92E+02	2.62E+00	20
	1.15	0.10	0.23	2.33E-09	5.47E-09	3.36E-07	4.06E-10	1.37E+02	3.29E+02	9.16E+01	2.15E-01	20
8.0	0.00	7.41	17.26	1.80E-07	4.23E-07	2.57E-05	3.13E-08	9.09E+03	2.39E+04	5.55E+03	1.66E+01	20
	0.42	4.50	10.47	1.09E-07	2.56E-07	1.56E-05	1.90E-08	5.52E+03	1.45E+04	3.38E+03	1.01E+01	20
	0.85	1.00	2.34	2.44E-08	5.72E-08	3.47E-06	4.24E-09	1.25E+03	3.26E+03	7.69E+02	2.25E+00	20
	1.27	0.08	0.19	2.00E-09	4.69E-09	2.85E-07	3.48E-10	1.21E+02	2.86E+02	8.15E+01	1.85E-01	20
9.0	0.00	6.47	14.67	1.45E-07	3.72E-07	2.11E-05	2.44E-08	7.31E+03	2.11E+04	4.14E+03	1.24E+01	20
	0.46	3.93	8.90	8.79E-08	2.26E-07	1.28E-05	1.48E-08	4.44E+03	1.28E+04	2.52E+03	7.51E+00	20
	0.92	0.88	1.99	1.96E-08	5.03E-08	2.85E-06	3.30E-09	1.01E+03	2.87E+03	5.78E+02	1.68E+00	20
	1.38	0.07	0.16	1.61E-09	4.13E-09	2.34E-07	2.71E-10	1.01E+02	2.54E+02	6.58E+01	1.38E-01	20
10.0	0.00	5.58	12.29	1.14E-07	3.23E-07	1.70E-05	1.85E-08	5.76E+03	1.83E+04	2.99E+03	8.92E+00	20
	0.50	3.38	7.45	6.92E-08	1.96E-07	1.03E-05	1.12E-08	3.50E+03	1.11E+04	1.82E+03	5.41E+00	20
	0.99	0.76	1.66	1.54E-08	4.37E-08	2.30E-06	2.51E-09	7.97E+02	2.50E+03	4.22E+02	1.21E+00	20
	1.49	0.06	0.14	1.27E-09	3.59E-09	1.89E-07	2.06E-10	8.38E+01	2.23E+02	5.30E+01	9.91E-02	20

1995 Graded Exercise

## State of Texas

1995 Graded Exercise

06-December-1995

REAL TIME: 12:45

RELATIVE TIME: H+05:45

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## OFFSITE RADIOLOGICAL SURVEY DATA

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## -----METEOROLOGICAL DATA-----

WIND SPEED (MPH) 9.00  
 DELTA-T (DEG. F/50M) -1.00  
 STABILITY CLASS (PASQUILL) D  
 WIND DIRECTION (DEGREES) 234.0  
 PLUME TRAVEL (MI) 2.781E+01  
 PLUME TRAILING EDGE (MI) 0.000E+00

## -----RELEASE DATA-----

NOBLE GAS (CI/SEC) 4.034E+01  
 IODINE (CI/SEC) 3.340E-01  
 PARTICULATE (CI/SEC) 5.652E-01  
 TOTAL (CI/SEC) 4.124E+01  
 AVERAGE GAMMA (MEV/DIS) 0.37  
 AVERAGE BETA (MEV/DIS) 0.23

1995 Graded Exercise

LOCATION		DOSE RATE		AIR CONCENTRATION				AIR SAMPLE CPM		GROUND DEPOSITION		BACKGROUND
DOWN	DIST.	CLOSED	OPEN	GROSS	GROSS	NOBLE	IODINE	GROSS	GROSS	GROSS	NET	BACKGROUND
WIND	OFF	WINDOW	WINDOW	IODINE	PART.	GAS	131	IODINE	PART.	DEPOSIT.	GROUND	COUNT
DIST	CENT.	DOSE R.	DOSE R.	ACTIVITY	ACTIVITY	ACTIVITY	ACTIVITY	COUNT R.	COUNT R.	COUNT R.	DEPOSIT.	RATE
(MI)	(MI)	(MR/HR)	(MR/HR)	(UCI/CC)	(UCI/CC)	(UCI/CC)	(UCI/CC)	(CPM)	(CPM)	(CPM)	(UCI/M2)	(CPM)
0.5	0.00	203.12	529.02	7.28E-06	1.23E-05	9.13E-04	1.45E-06	3.66E+05	6.97E+05	3.04E+05	9.12E+02	20
	0.04	123.20	320.86	4.41E-06	7.47E-06	5.54E-04	8.77E-07	2.22E+05	4.23E+05	1.84E+05	5.53E+02	20
	0.08	27.49	71.59	9.85E-07	1.67E-06	1.24E-04	1.96E-07	4.95E+04	9.44E+04	4.11E+04	1.23E+02	20
	0.12	2.26	5.88	8.08E-08	1.37E-07	1.01E-05	1.61E-08	4.09E+03	7.77E+03	3.39E+03	1.01E+01	20
1.0	0.00	91.82	239.14	3.19E-06	5.41E-06	4.13E-04	6.34E-07	1.61E+05	3.06E+05	1.33E+05	4.00E+02	20
	0.07	55.69	145.04	1.94E-06	3.28E-06	2.51E-04	3.85E-07	9.74E+04	1.86E+05	8.08E+04	2.42E+02	20
	0.15	12.43	32.36	4.32E-07	7.32E-07	5.59E-05	8.58E-08	2.17E+04	4.14E+04	1.80E+04	5.41E+01	20
	0.22	1.02	2.66	3.54E-08	6.00E-08	4.59E-06	7.04E-09	1.80E+03	3.42E+03	1.50E+03	4.44E+00	20
1.5	0.00	53.90	140.39	1.87E-06	3.17E-06	2.43E-04	3.72E-07	9.42E+04	1.79E+05	7.81E+04	2.35E+02	20
	0.11	32.69	85.15	1.14E-06	1.92E-06	1.47E-04	2.26E-07	5.71E+04	1.09E+05	4.74E+04	1.42E+02	20
	0.22	7.29	19.00	2.53E-07	4.29E-07	3.28E-05	5.03E-08	1.28E+04	2.43E+04	1.06E+04	3.17E+01	20
	0.32	0.60	1.56	2.08E-08	3.52E-08	2.69E-06	4.13E-09	1.07E+03	2.01E+03	8.88E+02	2.61E+00	20
2.0	0.00	38.48	98.23	1.20E-06	2.15E-06	1.65E-04	2.34E-07	6.05E+04	1.21E+05	4.71E+04	1.41E+02	20
	0.14	23.34	59.58	7.30E-07	1.30E-06	1.00E-04	1.42E-07	3.67E+04	7.37E+04	2.86E+04	8.57E+01	20
	0.28	5.21	13.29	1.63E-07	2.91E-07	2.23E-05	3.16E-08	8.21E+03	1.65E+04	6.39E+03	1.91E+01	20
	0.42	0.43	1.09	1.34E-08	2.38E-08	1.83E-06	2.59E-09	6.92E+02	1.37E+03	5.43E+02	1.57E+00	20
3.0	0.00	22.30	56.92	7.08E-07	1.26E-06	9.56E-05	1.37E-07	3.56E+04	7.15E+04	2.77E+04	8.32E+01	20
	0.20	13.52	34.52	4.30E-07	7.67E-07	5.80E-05	8.34E-08	2.16E+04	4.34E+04	1.68E+04	5.05E+01	20
	0.39	3.02	7.70	9.59E-08	1.71E-07	1.29E-05	1.86E-08	4.84E+03	9.70E+03	3.77E+03	1.13E+01	20
	0.59	0.25	0.63	7.87E-09	1.40E-08	1.06E-06	1.53E-09	4.16E+02	8.15E+02	3.28E+02	9.24E-01	20
4.0	0.00	15.99	39.97	4.67E-07	8.82E-07	6.52E-05	8.84E-08	2.35E+04	5.00E+04	1.71E+04	5.13E+01	20
	0.25	9.70	24.24	2.83E-07	5.35E-07	3.95E-05	5.36E-08	1.43E+04	3.03E+04	1.04E+04	3.11E+01	20
	0.50	2.16	5.41	6.32E-08	1.19E-07	8.82E-06	1.20E-08	3.20E+03	6.78E+03	2.33E+03	6.95E+00	20
	0.75	0.18	0.44	5.19E-09	9.80E-09	7.24E-07	9.83E-10	2.81E+02	5.75E+02	2.10E+02	5.70E-01	20

State of Texas

1995 Graded Exercise

06-December-1995

REAL TIME: 12:45

RELATIVE TIME: H+05:45

LOCATION		DOSE RATE		AIR CONCENTRATION				AIR SAMPLE CPM		GROUND DEPOSITION		BACKGROUN
DOWN	DIST.	CLOSED	OPEN	GROSS	GROSS	NOBLE	IODINE	GROSS	GROSS	GROSS	MET	BACKGROUN
WIND	OFF	WINDOW	WINDOW	IODINE	PART.	GAS	131	IODINE	PART.	DEPOSIT.	GROUND	COUNT
DIST	CENT.	DOSE R.	DOSE R.	ACTIVITY	ACTIVITY	ACTIVITY	ACTIVITY	COUNT R.	COUNT R.	COUNT R.	DEPOSIT.	RATE
(MI)	(MI)	(MR/HR)	(MR/HR)	(UCI/CC)	(UCI/CC)	(UCI/CC)	(UCI/CC)	(CPM)	(CPM)	(CPM)	(UCI/M2)	(CPM)
5.0	0.00	12.51	30.58	3.38E-07	6.80E-07	4.84E-05	6.23E-08	1.70E+04	3.85E+04	1.16E+04	3.46E+01	20
	0.30	7.59	18.55	2.05E-07	4.12E-07	2.94E-05	3.78E-08	1.03E+04	2.33E+04	7.02E+03	2.10E+01	20
	0.60	1.69	4.14	4.57E-08	9.20E-08	6.55E-06	8.42E-09	2.32E+03	5.22E+03	1.58E+03	4.69E+00	20
	0.89	0.14	0.34	3.75E-09	7.55E-09	5.38E-07	6.92E-10	2.09E+02	4.47E+02	1.48E+02	3.85E-01	20
6.0	0.00	9.92	24.24	2.72E-07	5.47E-07	3.84E-05	5.01E-08	1.37E+04	3.10E+04	9.30E+03	2.79E+01	20
	0.34	6.02	14.71	1.65E-07	3.32E-07	2.33E-05	3.04E-08	8.31E+03	1.88E+04	5.65E+03	1.69E+01	20
	0.69	1.34	3.28	3.68E-08	7.40E-08	5.19E-06	6.78E-09	1.87E+03	4.21E+03	1.28E+03	3.77E+00	20
	1.03	0.11	0.27	3.02E-09	6.07E-09	4.26E-07	5.56E-10	1.72E+02	3.64E+02	1.23E+02	3.10E-01	20
7.0	0.00	8.48	20.26	2.15E-07	4.65E-07	3.11E-05	3.86E-08	1.08E+04	2.63E+04	6.88E+03	2.06E+01	20
	0.38	5.15	12.29	1.30E-07	2.82E-07	1.89E-05	2.34E-08	6.58E+03	1.60E+04	4.18E+03	1.25E+01	20
	0.77	1.15	2.74	2.91E-08	6.30E-08	4.21E-06	5.22E-09	1.48E+03	3.58E+03	9.49E+02	2.79E+00	20
	1.15	0.09	0.23	2.39E-09	5.17E-09	3.46E-07	4.28E-10	1.40E+02	3.12E+02	9.63E+01	2.29E-01	20
8.0	0.00	7.20	17.18	1.85E-07	3.99E-07	2.64E-05	3.31E-08	9.31E+03	2.26E+04	5.91E+03	1.77E+01	20
	0.42	4.36	10.42	1.12E-07	2.42E-07	1.60E-05	2.01E-08	5.65E+03	1.37E+04	3.59E+03	1.07E+01	20
	0.85	0.97	2.32	2.50E-08	5.40E-08	3.57E-06	4.48E-09	1.28E+03	3.08E+03	8.17E+02	2.39E+00	20
	1.27	0.08	0.19	2.05E-09	4.44E-09	2.93E-07	3.68E-10	1.23E+02	2.71E+02	8.55E+01	1.97E-01	20
9.0	0.00	6.40	14.89	1.52E-07	3.56E-07	2.22E-05	2.64E-08	7.66E+03	2.02E+04	4.54E+03	1.36E+01	20
	0.46	3.88	9.03	9.21E-08	2.16E-07	1.34E-05	1.60E-08	4.65E+03	1.22E+04	2.76E+03	8.23E+00	20
	0.92	0.87	2.02	2.06E-08	4.82E-08	3.00E-06	3.57E-09	1.05E+03	2.75E+03	6.31E+02	1.84E+00	20
	1.38	0.07	0.17	1.69E-09	3.96E-09	2.46E-07	2.93E-10	1.05E+02	2.44E+02	7.02E+01	1.51E-01	20
10.0	0.00	5.68	12.87	1.24E-07	3.19E-07	1.85E-05	2.09E-08	6.28E+03	1.81E+04	3.44E+03	1.03E+01	20
	0.50	3.44	7.81	7.54E-08	1.94E-07	1.12E-05	1.27E-08	3.81E+03	1.10E+04	2.09E+03	6.23E+00	20
	0.99	0.77	1.74	1.68E-08	4.32E-08	2.51E-06	2.83E-09	8.67E+02	2.47E+03	4.83E+02	1.39E+00	20
	1.49	0.06	0.14	1.38E-09	3.55E-09	2.06E-07	2.32E-10	8.95E+01	2.21E+02	5.80E+01	1.14E-01	20

1995 Graded Exercise

# State of Texas

1995 Graded Exercise

06-December-1995

REAL TIME: 13:00

RELATIVE TIME: H+06:00

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## OFFSITE RADIOLOGICAL SURVEY DATA

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-----METEOROLOGICAL DATA-----						-----RELEASE DATA-----	
WIND SPEED (MPH)	9.00	NOBLE GAS (CI/SEC)	4.000E+01				
DELTA-T (DEG. F/50M)	-1.00	IODINE (CI/SEC)	3.296E-01				
STABILITY CLASS (PASQUILL)	D	PARTICULATE (CI/SEC)	5.318E-01				
WIND DIRECTION (DEGREES)	240.0	TOTAL (CI/SEC)	4.086E+01				
PLUME TRAVEL (MI)	3.006E+01	AVERAGE GAMMA (MEV/DIS)	0.35				
PLUME TRAILING EDGE (MI)	0.000E+00	AVERAGE BETA (MEV/DIS)	0.23				

1995 Graded Exercise

LOCATION		DOSE RATE		AIR CONCENTRATION				AIR SAMPLE CPM		GROUND DEPOSITION		BACKGROUND
DOWN	DIST.	CLOSED	OPEN	GROSS	GROSS	NOBLE	IODINE	GROSS	GROSS	GROSS	MET	BACKGROUND
WIND	OFF	WINDOW	WINDOW	IODINE	PART.	GAS	131	IODINE	PART.	DEPOSIT.	GROUND	COUNT
DIST	CENT.	DOSE R.	DOSE R.	ACTIVITY	ACTIVITY	ACTIVITY	ACTIVITY	COUNT R.	COUNT R.	COUNT R.	DEPOSIT.	RATE
(MI)	(MI)	(MR/HR)	(MR/HR)	(UCI/CC)	(UCI/CC)	(UCI/CC)	(UCI/CC)	(CPM)	(CPM)	(CPM)	(UCI/M2)	(CPM)
0.5	0.00	191.85	509.30	7.18E-06	1.16E-05	9.05E-04	1.46E-06	3.61E+05	6.56E+05	3.13E+05	9.39E+02	20
	0.04	116.36	308.91	4.36E-06	7.03E-06	5.49E-04	8.85E-07	2.19E+05	3.98E+05	1.90E+05	5.69E+02	20
	0.08	25.96	68.93	9.72E-07	1.57E-06	1.23E-04	1.97E-07	4.89E+04	8.88E+04	4.23E+04	1.27E+02	20
	0.12	2.13	5.66	7.98E-08	1.29E-07	1.01E-05	1.62E-08	4.03E+03	7.31E+03	3.49E+03	1.04E+01	20
1.0	0.00	86.73	230.23	3.15E-06	5.09E-06	4.10E-04	6.40E-07	1.58E+05	2.88E+05	1.37E+05	4.12E+02	20
	0.07	52.60	139.64	1.91E-06	3.08E-06	2.48E-04	3.88E-07	9.61E+04	1.75E+05	8.32E+04	2.50E+02	20
	0.15	11.74	31.16	4.26E-07	6.88E-07	5.54E-05	8.66E-08	2.15E+04	3.90E+04	1.86E+04	5.57E+01	20
	0.22	0.96	2.56	3.50E-08	5.65E-08	4.55E-06	7.11E-09	1.78E+03	3.22E+03	1.54E+03	4.57E+00	20
1.5	0.00	50.91	135.16	1.85E-06	2.98E-06	2.40E-04	3.75E-07	9.30E+04	1.69E+05	8.05E+04	2.42E+02	20
	0.11	30.88	81.98	1.12E-06	1.81E-06	1.46E-04	2.28E-07	5.64E+04	1.02E+05	4.88E+04	1.47E+02	20
	0.22	6.89	18.29	2.50E-07	4.04E-07	3.25E-05	5.08E-08	1.26E+04	2.29E+04	1.09E+04	3.27E+01	20
	0.32	0.57	1.50	2.05E-08	3.32E-08	2.67E-06	4.17E-09	1.05E+03	1.90E+03	9.14E+02	2.68E+00	20
2.0	0.00	36.41	94.82	1.19E-06	2.02E-06	1.64E-04	2.37E-07	5.99E+04	1.14E+05	4.87E+04	1.46E+02	20
	0.14	22.08	57.51	7.22E-07	1.22E-06	9.95E-05	1.43E-07	3.63E+04	6.93E+04	2.95E+04	8.86E+01	20
	0.28	4.93	12.83	1.61E-07	2.73E-07	2.22E-05	3.20E-08	8.12E+03	1.55E+04	6.60E+03	1.98E+01	20
	0.42	0.40	1.05	1.32E-08	2.24E-08	1.82E-06	2.63E-09	6.85E+02	1.29E+03	5.60E+02	1.62E+00	20
3.0	0.00	21.09	54.94	7.01E-07	1.19E-06	9.50E-05	1.39E-07	3.53E+04	6.73E+04	2.87E+04	8.60E+01	20
	0.20	12.79	33.32	4.25E-07	7.21E-07	5.76E-05	8.45E-08	2.14E+04	4.08E+04	1.74E+04	5.22E+01	20
	0.39	2.85	7.44	9.49E-08	1.61E-07	1.29E-05	1.88E-08	4.79E+03	9.12E+03	3.89E+03	1.16E+01	20
	0.59	0.23	0.61	7.79E-09	1.32E-08	1.06E-06	1.55E-09	4.12E+02	7.67E+02	3.38E+02	9.55E-01	20
4.0	0.00	15.17	38.73	4.64E-07	8.29E-07	6.51E-05	9.01E-08	2.34E+04	4.69E+04	1.78E+04	5.33E+01	20
	0.25	9.20	23.49	2.82E-07	5.03E-07	3.95E-05	5.46E-08	1.42E+04	2.85E+04	1.08E+04	3.23E+01	20
	0.50	2.05	5.24	6.28E-08	1.12E-07	8.81E-06	1.22E-08	3.18E+03	6.37E+03	2.42E+03	7.21E+00	20
	0.75	0.17	0.43	5.16E-09	9.21E-09	7.23E-07	1.00E-09	2.79E+02	5.41E+02	2.17E+02	5.92E-01	20

# State of Texas

1995 Graded Exercise

06-December-1995

REAL TIME: 13:00

RELATIVE TIME: H+06:00

LOCATION		DOSE RATE		AIR CONCENTRATION				AIR SAMPLE CPM		GROUND DEPOSITION		BACKGROUN
DOWN	DIST.	CLOSED	OPEN	GROSS	GROSS	NOBLE	IODINE	GROSS	GROSS	GROSS	NET	BACKGROUN
WIND	OFF	WINDOW	WINDOW	IODINE	PART.	GAS	131	IODINE	PART.	DEPOSIT.	GROUND	COUNT
DIST	CENT.	DOSE R.	DOSE R.	ACTIVITY	ACTIVITY	ACTIVITY	ACTIVITY	COUNT R.	COUNT R.	COUNT R.	DEPOSIT.	RATE
(MI)	(MI)	(MR/HR)	(MR/HR)	(UCI/CC)	(UCI/CC)	(UCI/CC)	(UCI/CC)	(CPM)	(CPM)	(CPM)	(UCI/M2)	(CPM)
5.0	0.00	11.92	29.80	3.38E-07	6.38E-07	4.86E-05	6.39E-08	1.70E+04	3.61E+04	1.21E+04	3.62E+01	20
	0.30	7.23	18.08	2.05E-07	3.87E-07	2.95E-05	3.88E-08	1.03E+04	2.19E+04	7.34E+03	2.20E+01	20
	0.60	1.61	4.03	4.57E-08	8.64E-08	6.58E-06	8.65E-09	2.32E+03	4.91E+03	1.65E+03	4.90E+00	20
	0.89	0.13	0.33	3.75E-09	7.09E-09	5.40E-07	7.10E-10	2.09E+02	4.21E+02	1.54E+02	4.03E-01	20
6.0	0.00	9.45	23.63	2.72E-07	5.13E-07	3.85E-05	5.14E-08	1.37E+04	2.91E+04	9.73E+03	2.92E+01	20
	0.34	5.73	14.33	1.65E-07	3.11E-07	2.34E-05	3.12E-08	8.30E+03	1.76E+04	5.91E+03	1.77E+01	20
	0.69	1.28	3.20	3.67E-08	6.95E-08	5.22E-06	6.96E-09	1.87E+03	3.95E+03	1.33E+03	3.95E+00	20
	1.03	0.11	0.26	3.02E-09	5.70E-09	4.28E-07	5.71E-10	1.72E+02	3.43E+02	1.28E+02	3.24E-01	20
7.0	0.00	8.14	19.91	2.17E-07	4.37E-07	3.15E-05	4.00E-08	1.09E+04	2.48E+04	7.28E+03	2.18E+01	20
	0.38	4.94	12.07	1.32E-07	2.65E-07	1.91E-05	2.43E-08	6.64E+03	1.50E+04	4.42E+03	1.32E+01	20
	0.77	1.10	2.69	2.94E-08	5.92E-08	4.27E-06	5.42E-09	1.50E+03	3.37E+03	1.00E+03	2.95E+00	20
	1.15	0.09	0.22	2.41E-09	4.86E-09	3.50E-07	4.45E-10	1.41E+02	2.95E+02	1.01E+02	2.42E-01	20
8.0	0.00	6.91	16.88	1.86E-07	3.75E-07	2.67E-05	3.44E-08	9.39E+03	2.13E+04	6.25E+03	1.87E+01	20
	0.42	4.19	10.24	1.13E-07	2.28E-07	1.62E-05	2.08E-08	5.70E+03	1.29E+04	3.80E+03	1.13E+01	20
	0.85	0.93	2.28	2.52E-08	5.08E-08	3.62E-06	4.65E-09	1.29E+03	2.90E+03	8.63E+02	2.53E+00	20
	1.27	0.08	0.19	2.07E-09	4.17E-09	2.97E-07	3.82E-10	1.24E+02	2.56E+02	8.92E+01	2.08E-01	20
9.0	0.00	6.21	14.82	1.56E-07	3.37E-07	2.28E-05	2.79E-08	7.84E+03	1.91E+04	4.88E+03	1.46E+01	20
	0.46	3.77	8.99	9.43E-08	2.04E-07	1.38E-05	1.69E-08	4.76E+03	1.16E+04	2.97E+03	8.85E+00	20
	0.92	0.84	2.01	2.10E-08	4.56E-08	3.08E-06	3.77E-09	1.08E+03	2.60E+03	6.78E+02	1.98E+00	20
	1.38	0.07	0.16	1.73E-09	3.74E-09	2.53E-07	3.10E-10	1.07E+02	2.32E+02	7.40E+01	1.62E-01	20
10.0	0.00	5.61	13.07	1.30E-07	3.06E-07	1.94E-05	2.27E-08	6.58E+03	1.73E+04	3.81E+03	1.14E+01	20
	0.50	3.40	7.93	7.91E-08	1.86E-07	1.18E-05	1.37E-08	4.00E+03	1.05E+04	2.32E+03	6.91E+00	20
	0.99	0.76	1.77	1.76E-08	4.14E-08	2.63E-06	3.07E-09	9.07E+02	2.36E+03	5.33E+02	1.54E+00	20
	1.49	0.06	0.15	1.45E-09	3.40E-09	2.16E-07	2.52E-10	9.28E+01	2.12E+02	6.21E+01	1.26E-01	20

1995 Graded Exercise



## State of Texas

1995 Graded Exercise

06-December-1995

REAL TIME: 13:15

RELATIVE TIME: H+06:15

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OFFSITE RADIOLOGICAL SURVEY DATA  
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## -----METEOROLOGICAL DATA-----

WIND SPEED (MPH) 9.00  
 DELTA-T (DEG. F/50M) -1.10  
 STABILITY CLASS (PASQUILL) D  
 WIND DIRECTION (DEGREES) 240.0  
 PLUME TRAVEL (MI) 3.231E+01  
 PLUME TRAILING EDGE (MI) 0.000E+00

## -----RELEASE DATA-----

NOBLE GAS (CI/SEC) 3.958E+01  
 IODINE (CI/SEC) 3.248E-01  
 PARTICULATE (CI/SEC) 5.006E-01  
 TOTAL (CI/SEC) 4.040E+01  
 AVERAGE GAMMA (MEV/DIS) 0.34  
 AVERAGE BETA (MEV/DIS) 0.22

1995 Graded Exercise

LOCATION		DOSE RATE		AIR CONCENTRATION				AIR SAMPLE CPM		GROUND DEPOSITION		BACKGROUN
DOWN	DIST.	CLOSED	OPEN	GROSS	GROSS	NOBLE	IODINE	GROSS	GROSS	GROSS	NET	BACKGROUN
WIND	OFF	WINDOW	WINDOW	IODINE	PART.	GAS	131	IODINE	PART.	DEPOSIT.	GROUND	COUNT
DIST	CENT.	DOSE R.	DOSE R.	ACTIVITY	ACTIVITY	ACTIVITY	ACTIVITY	COUNT R.	COUNT R.	COUNT R.	DEPOSIT.	RATE
(MI)	(MI)	(MR/HR)	(MR/HR)	(UCI/CC)	(UCI/CC)	(UCI/CC)	(UCI/CC)	(CPM)	(CPM)	(CPM)	(UCI/M2)	(CPM)
0.5	0.00	181.08	489.48	7.08E-06	1.09E-05	8.96E-04	1.47E-06	3.56E+05	6.18E+05	3.22E+05	9.68E+02	20
	0.04	109.83	296.89	4.29E-06	6.62E-06	5.43E-04	8.90E-07	2.16E+05	3.75E+05	1.96E+05	5.87E+02	20
	0.08	24.51	66.24	9.58E-07	1.48E-06	1.21E-04	1.99E-07	4.82E+04	8.36E+04	4.37E+04	1.31E+02	20
	0.12	2.01	5.44	7.86E-08	1.21E-07	9.95E-06	1.63E-08	3.97E+03	6.88E+03	3.60E+03	1.08E+01	20
1.0	0.00	81.86	221.28	3.10E-06	4.79E-06	4.05E-04	6.44E-07	1.56E+05	2.71E+05	1.41E+05	4.25E+02	20
	0.07	49.65	134.21	1.88E-06	2.90E-06	2.46E-04	3.90E-07	9.47E+04	1.64E+05	8.58E+04	2.58E+02	20
	0.15	11.08	29.95	4.20E-07	6.48E-07	5.48E-05	8.71E-08	2.11E+04	3.67E+04	1.92E+04	5.75E+01	20
	0.22	0.91	2.46	3.45E-08	5.32E-08	4.50E-06	7.15E-09	1.75E+03	3.03E+03	1.59E+03	4.72E+00	20
1.5	0.00	48.06	129.90	1.82E-06	2.81E-06	2.38E-04	3.78E-07	9.16E+04	1.59E+05	8.30E+04	2.49E+02	20
	0.11	29.15	78.79	1.10E-06	1.70E-06	1.44E-04	2.29E-07	5.56E+04	9.64E+04	5.04E+04	1.51E+02	20
	0.22	6.50	17.58	2.46E-07	3.80E-07	3.22E-05	5.11E-08	1.24E+04	2.15E+04	1.13E+04	3.37E+01	20
	0.32	0.53	1.44	2.02E-08	3.12E-08	2.64E-06	4.20E-09	1.04E+03	1.79E+03	9.42E+02	2.77E+00	20
2.0	0.00	34.39	91.29	1.17E-06	1.90E-06	1.63E-04	2.39E-07	5.91E+04	1.07E+05	5.04E+04	1.51E+02	20
	0.14	20.86	55.37	7.13E-07	1.15E-06	9.86E-05	1.45E-07	3.59E+04	6.52E+04	3.05E+04	9.17E+01	20
	0.28	4.65	12.36	1.59E-07	2.57E-07	2.20E-05	3.23E-08	8.02E+03	1.46E+04	6.83E+03	2.05E+01	20
	0.42	0.38	1.01	1.31E-08	2.11E-08	1.81E-06	2.65E-09	6.77E+02	1.21E+03	5.79E+02	1.68E+00	20
3.0	0.00	19.93	52.89	6.92E-07	1.12E-06	9.42E-05	1.41E-07	3.48E+04	6.33E+04	2.97E+04	8.90E+01	20
	0.20	12.09	32.08	4.20E-07	6.78E-07	5.71E-05	8.52E-08	2.11E+04	3.84E+04	1.80E+04	5.40E+01	20
	0.39	2.70	7.16	9.36E-08	1.51E-07	1.27E-05	1.90E-08	4.73E+03	8.58E+03	4.03E+03	1.20E+01	20
	0.59	0.22	0.59	7.68E-09	1.24E-08	1.05E-06	1.56E-09	4.07E+02	7.23E+02	3.49E+02	9.89E-01	20
4.0	0.00	14.36	37.39	4.59E-07	7.79E-07	6.47E-05	9.13E-08	2.31E+04	4.41E+04	1.85E+04	5.54E+01	20
	0.25	8.71	22.68	2.79E-07	4.73E-07	3.92E-05	5.53E-08	1.40E+04	2.68E+04	1.12E+04	3.36E+01	20
	0.50	1.94	5.06	6.22E-08	1.05E-07	8.76E-06	1.24E-08	3.15E+03	5.99E+03	2.52E+03	7.50E+00	20
	0.75	0.16	0.42	5.10E-09	8.66E-09	7.19E-07	1.01E-09	2.77E+02	5.10E+02	2.25E+02	6.15E-01	20

# State of Texas

1995 Graded Exercise

06-December-1995

REAL TIME: 13:15

RELATIVE TIME: H+06:15

LOCATION		DOSE RATE		AIR CONCENTRATION				AIR SAMPLE CPM		GROUND DEPOSITION		BACKGROUN
DOWN	DIST.	CLOSED	OPEN	GROSS	GROSS	NOBLE	IODINE	GROSS	GROSS	GROSS	NET	BACKGROUN
WIND	OFF	WINDOW	WINDOW	IODINE	PART.	GAS	131	IODINE	PART.	DEPOSIT.	GROUND	COUNT
DIST	CENT.	DOSE R.	DOSE R.	ACTIVITY	ACTIVITY	ACTIVITY	ACTIVITY	COUNT R.	COUNT R.	COUNT R.	DEPOSIT.	RATE
(MI)	(MI)	(MR/HR)	(MR/HR)	(UCI/CC)	(UCI/CC)	(UCI/CC)	(UCI/CC)	(CPM)	(CPM)	(CPM)	(UCI/M2)	(CPM)
5.0	0.00	11.31	28.88	3.35E-07	6.00E-07	4.86E-05	6.51E-08	1.69E+04	3.39E+04	1.26E+04	3.79E+01	20
	0.30	6.86	17.52	2.03E-07	3.64E-07	2.94E-05	3.95E-08	1.03E+04	2.06E+04	7.67E+03	2.30E+01	20
	0.60	1.53	3.91	4.54E-08	8.11E-08	6.57E-06	8.81E-09	2.30E+03	4.61E+03	1.73E+03	5.12E+00	20
	0.89	0.13	0.32	3.73E-09	6.66E-09	5.39E-07	7.23E-10	2.07E+02	3.97E+02	1.60E+02	4.21E-01	20
6.0	0.00	8.97	22.90	2.70E-07	4.82E-07	3.85E-05	5.24E-08	1.36E+04	2.73E+04	1.02E+04	3.05E+01	20
	0.34	5.44	13.89	1.64E-07	2.93E-07	2.33E-05	3.18E-08	8.25E+03	1.66E+04	6.17E+03	1.85E+01	20
	0.69	1.21	3.10	3.65E-08	6.53E-08	5.21E-06	7.09E-09	1.86E+03	3.71E+03	1.39E+03	4.12E+00	20
	1.03	0.10	0.25	3.00E-09	5.36E-09	4.27E-07	5.82E-10	1.71E+02	3.23E+02	1.33E+02	3.38E-01	20
7.0	0.00	7.76	19.40	2.17E-07	4.11E-07	3.17E-05	4.11E-08	1.09E+04	2.33E+04	7.66E+03	2.29E+01	20
	0.38	4.71	11.77	1.32E-07	2.49E-07	1.92E-05	2.49E-08	6.64E+03	1.41E+04	4.65E+03	1.39E+01	20
	0.77	1.05	2.63	2.94E-08	5.56E-08	4.29E-06	5.56E-09	1.50E+03	3.17E+03	1.05E+03	3.10E+00	20
	1.15	0.09	0.22	2.41E-09	4.56E-09	3.52E-07	4.56E-10	1.41E+02	2.78E+02	1.05E+02	2.55E-01	20
8.0	0.00	6.58	16.45	1.86E-07	3.53E-07	2.69E-05	3.53E-08	9.39E+03	2.00E+04	6.58E+03	1.97E+01	20
	0.42	3.99	9.98	1.13E-07	2.14E-07	1.63E-05	2.14E-08	5.70E+03	1.21E+04	4.00E+03	1.19E+01	20
	0.85	0.89	2.23	2.52E-08	4.77E-08	3.63E-06	4.77E-09	1.29E+03	2.72E+03	9.07E+02	2.66E+00	20
	1.27	0.07	0.18	2.07E-09	3.92E-09	2.98E-07	3.92E-10	1.24E+02	2.42E+02	9.28E+01	2.19E-01	20
9.0	0.00	5.96	14.57	1.57E-07	3.17E-07	2.31E-05	2.89E-08	7.91E+03	1.79E+04	5.19E+03	1.55E+01	20
	0.46	3.62	8.84	9.52E-08	1.92E-07	1.40E-05	1.76E-08	4.81E+03	1.09E+04	3.16E+03	9.42E+00	20
	0.92	0.81	1.97	2.12E-08	4.28E-08	3.12E-06	3.92E-09	1.09E+03	2.44E+03	7.20E+02	2.10E+00	20
	1.38	0.07	0.16	1.74E-09	3.52E-09	2.56E-07	3.22E-10	1.08E+02	2.19E+02	7.75E+01	1.73E-01	20
10.0	0.00	5.45	13.01	1.33E-07	2.89E-07	2.00E-05	2.39E-08	6.73E+03	1.64E+04	4.13E+03	1.23E+01	20
	0.50	3.30	7.89	8.10E-08	1.75E-07	1.21E-05	1.45E-08	4.09E+03	9.95E+03	2.51E+03	7.48E+00	20
	0.99	0.74	1.76	1.81E-08	3.91E-08	2.70E-06	3.24E-09	9.29E+02	2.23E+03	5.76E+02	1.67E+00	20
	1.49	0.06	0.14	1.48E-09	3.21E-09	2.22E-07	2.66E-10	9.46E+01	2.02E+02	6.56E+01	1.37E-01	20

1995 Graded Exercise



# State of Texas

1995 Graded Exercise

06-December-1995

REAL TIME: 13:30

RELATIVE TIME: H+06:30

## OFFSITE RADIOLOGICAL SURVEY DATA

### -----METEOROLOGICAL DATA-----

WIND SPEED (MPH)	10.00
DELTA-T (DEG. F/50M)	-1.10
STABILITY CLASS (PASQUILL)	D
WIND DIRECTION (DEGREES)	240.0
PLUME TRAVEL (MI)	3.482E+01
PLUME TRAILING EDGE (MI)	0.000E+00

### -----RELEASE DATA-----

NOBLE GAS (CI/SEC)	3.912E+01
IODINE (CI/SEC)	3.197E-01
PARTICULATE (CI/SEC)	4.714E-01
TOTAL (CI/SEC)	3.991E+01
AVERAGE GAMMA (MEV/DIS)	0.33
AVERAGE BETA (MEV/DIS)	0.22

1995 Graded Exercise

LOCATION		DOSE RATE		AIR CONCENTRATION				AIR SAMPLE CPM		GROUND DEPOSITION		BACKGROUND
DOWN	DIST.	CLOSED	OPEN	GROSS	GROSS	NOBLE	IODINE	GROSS	GROSS	GROSS	NET	BACKGROUND
WIND	OFF	WINDOW	WINDOW	IODINE	PART.	GAS	131	IODINE	PART.	DEPOSIT.	GROUND	COUNT
DIST	CENT.	DOSE R.	DOSE R.	ACTIVITY	ACTIVITY	ACTIVITY	ACTIVITY	COUNT R.	COUNT R.	COUNT R.	DEPOSIT.	RATE
(MI)	(MI)	(MR/HR)	(MR/HR)	(UCI/CC)	(UCI/CC)	(UCI/CC)	(UCI/CC)	(CPM)	(CPM)	(CPM)	(UCI/M2)	(CPM)
0.5	0.00	153.80	422.94	6.27E-06	9.25E-06	7.97E-04	1.33E-06	3.15E+05	5.23E+05	3.28E+05	9.84E+02	20
	0.04	93.28	256.53	3.80E-06	5.61E-06	4.83E-04	8.05E-07	1.91E+05	3.17E+05	1.99E+05	5.97E+02	20
	0.08	20.81	57.24	8.48E-07	1.25E-06	1.08E-04	1.80E-07	4.27E+04	7.09E+04	4.44E+04	1.33E+02	20
	0.12	1.71	4.70	6.96E-08	1.03E-07	8.85E-06	1.47E-08	3.52E+03	5.83E+03	3.66E+03	1.09E+01	20
1.0	0.00	69.53	191.20	2.75E-06	4.06E-06	3.60E-04	5.82E-07	1.38E+05	2.30E+05	1.44E+05	4.32E+02	20
	0.07	42.17	115.97	1.67E-06	2.46E-06	2.19E-04	3.53E-07	8.39E+04	1.39E+05	8.72E+04	2.62E+02	20
	0.15	9.41	25.88	3.72E-07	5.49E-07	4.88E-05	7.87E-08	1.87E+04	3.11E+04	1.95E+04	5.84E+01	20
	0.22	0.77	2.12	3.05E-08	4.51E-08	4.00E-06	6.46E-09	1.56E+03	2.57E+03	1.62E+03	4.79E+00	20
1.5	0.00	40.82	112.24	1.61E-06	2.38E-06	2.12E-04	3.41E-07	8.12E+04	1.35E+05	8.43E+04	2.53E+02	20
	0.11	24.76	68.08	9.78E-07	1.44E-06	1.28E-04	2.07E-07	4.92E+04	8.17E+04	5.12E+04	1.54E+02	20
	0.22	5.52	15.19	2.18E-07	3.22E-07	2.86E-05	4.62E-08	1.10E+04	1.83E+04	1.14E+04	3.43E+01	20
	0.32	0.45	1.25	1.79E-08	2.64E-08	2.35E-06	3.79E-09	9.21E+02	1.52E+03	9.57E+02	2.81E+00	20
2.0	0.00	29.21	78.97	1.04E-06	1.61E-06	1.45E-04	2.16E-07	5.24E+04	9.11E+04	5.12E+04	1.54E+02	20
	0.14	17.72	47.90	6.32E-07	9.76E-07	8.78E-05	1.31E-07	3.18E+04	5.52E+04	3.11E+04	9.33E+01	20
	0.28	3.95	10.69	1.41E-07	2.18E-07	1.96E-05	2.93E-08	7.11E+03	1.23E+04	6.95E+03	2.08E+01	20
	0.42	0.32	0.88	1.16E-08	1.79E-08	1.61E-06	2.40E-09	6.02E+02	1.03E+03	5.89E+02	1.71E+00	20
3.0	0.00	16.93	45.75	6.13E-07	9.47E-07	8.39E-05	1.27E-07	3.09E+04	5.36E+04	3.02E+04	9.06E+01	20
	0.20	10.27	27.75	3.72E-07	5.75E-07	5.09E-05	7.72E-08	1.87E+04	3.25E+04	1.83E+04	5.49E+01	20
	0.39	2.29	6.19	8.30E-08	1.28E-07	1.14E-05	1.72E-08	4.20E+03	7.27E+03	4.10E+03	1.23E+01	20
	0.59	0.19	0.51	6.82E-09	1.05E-08	9.32E-07	1.41E-09	3.63E+02	6.15E+02	3.55E+02	1.01E+00	20
4.0	0.00	12.20	32.40	4.08E-07	6.60E-07	5.77E-05	8.29E-08	2.05E+04	3.74E+04	1.88E+04	5.65E+01	20
	0.25	7.40	19.65	2.47E-07	4.00E-07	3.50E-05	5.03E-08	1.25E+04	2.27E+04	1.14E+04	3.43E+01	20
	0.50	1.65	4.38	5.52E-08	8.93E-08	7.81E-06	1.12E-08	2.80E+03	5.07E+03	2.57E+03	7.64E+00	20
	0.75	0.14	0.36	4.53E-09	7.33E-09	6.41E-07	9.21E-10	2.48E+02	4.35E+02	2.29E+02	6.27E-01	20

State of Texas

1995 Graded Exercise

06-December-1995

REAL TIME: 13:30

RELATIVE TIME: H+06:30

LOCATION		DOSE RATE		AIR CONCENTRATION				AIR SAMPLE CPM		GROUND DEPOSITION		BACKGROUN
DOWN	DIST.	CLOSED	OPEN	GROSS	GROSS	MOBLE	IODINE	GROSS	GROSS	GROSS	NET	BACKGROUN
WIND	OFF	WINDOW	WINDOW	IODINE	PART.	GAS	131	IODINE	PART.	DEPOSIT.	GROUND	COUNT
DIST	CENT.	DOSE R.	DOSE R.	ACTIVITY	ACTIVITY	ACTIVITY	ACTIVITY	COUNT R.	COUNT R.	COUNT R.	DEPOSIT.	RATE
(MI)	(MI)	(MR/HR)	(MR/HR)	(UCI/CC)	(UCI/CC)	(UCI/CC)	(UCI/CC)	(CPM)	(CPM)	(CPM)	(UCI/M2)	(CPM)
5.0	0.00	9.63	25.09	2.99E-07	5.07E-07	4.34E-05	5.93E-08	1.50E+04	2.87E+04	1.29E+04	3.87E+01	20
	0.30	5.84	15.22	1.81E-07	3.08E-07	2.63E-05	3.60E-08	9.13E+03	1.74E+04	7.83E+03	2.35E+01	20
	0.60	1.30	3.40	4.04E-08	6.87E-08	5.88E-06	8.03E-09	2.05E+03	3.90E+03	1.76E+03	5.24E+00	20
	0.89	0.11	0.28	3.32E-09	5.64E-09	4.83E-07	6.59E-10	1.87E+02	3.39E+02	1.63E+02	4.30E-01	20
6.0	0.00	7.64	19.89	2.40E-07	4.08E-07	3.44E-05	4.77E-08	1.21E+04	2.31E+04	1.04E+04	3.11E+01	20
	0.34	4.63	12.07	1.46E-07	2.48E-07	2.09E-05	2.90E-08	7.35E+03	1.40E+04	6.31E+03	1.89E+01	20
	0.69	1.03	2.69	3.25E-08	5.52E-08	4.66E-06	6.46E-09	1.66E+03	3.15E+03	1.42E+03	4.21E+00	20
	1.03	0.08	0.22	2.67E-09	4.53E-09	3.82E-07	5.30E-10	1.54E+02	2.77E+02	1.35E+02	3.46E-01	20
7.0	0.00	6.63	16.92	1.94E-07	3.47E-07	2.85E-05	3.77E-08	9.78E+03	1.97E+04	7.85E+03	2.35E+01	20
	0.38	4.02	10.26	1.18E-07	2.11E-07	1.73E-05	2.28E-08	5.94E+03	1.19E+04	4.77E+03	1.43E+01	20
	0.77	0.90	2.29	2.63E-08	4.70E-08	3.85E-06	5.10E-09	1.34E+03	2.68E+03	1.08E+03	3.18E+00	20
	1.15	0.07	0.19	2.16E-09	3.86E-09	3.16E-07	4.18E-10	1.28E+02	2.38E+02	1.07E+02	2.61E-01	20
8.0	0.00	5.62	14.35	1.67E-07	2.98E-07	2.41E-05	3.23E-08	8.40E+03	1.69E+04	6.74E+03	2.02E+01	20
	0.42	3.41	8.70	1.01E-07	1.81E-07	1.46E-05	1.96E-08	5.10E+03	1.02E+04	4.10E+03	1.22E+01	20
	0.85	0.76	1.94	2.25E-08	4.03E-08	3.26E-06	4.38E-09	1.15E+03	2.30E+03	9.30E+02	2.73E+00	20
	1.27	0.06	0.16	1.85E-09	3.31E-09	2.68E-07	3.59E-10	1.13E+02	2.07E+02	9.47E+01	2.24E-01	20
9.0	0.00	5.11	12.78	1.41E-07	2.68E-07	2.09E-05	2.67E-08	7.12E+03	1.52E+04	5.35E+03	1.60E+01	20
	0.46	3.10	7.75	8.57E-08	1.62E-07	1.27E-05	1.62E-08	4.33E+03	9.20E+03	3.25E+03	9.70E+00	20
	0.92	0.69	1.73	1.91E-08	3.62E-08	2.82E-06	3.62E-09	9.81E+02	2.07E+03	7.41E+02	2.17E+00	20
	1.38	0.06	0.14	1.57E-09	2.97E-09	2.32E-07	2.97E-10	9.89E+01	1.88E+02	7.92E+01	1.78E-01	20
10.0	0.00	4.71	11.50	1.21E-07	2.45E-07	1.82E-05	2.24E-08	6.12E+03	1.39E+04	4.29E+03	1.28E+01	20
	0.50	2.85	6.98	7.35E-08	1.48E-07	1.11E-05	1.36E-08	3.72E+03	8.42E+03	2.61E+03	7.77E+00	20
	0.99	0.64	1.56	1.64E-08	3.31E-08	2.47E-06	3.03E-09	8.45E+02	1.89E+03	5.98E+02	1.73E+00	20
	1.49	0.05	0.13	1.35E-09	2.72E-09	2.03E-07	2.48E-10	8.77E+01	1.74E+02	6.74E+01	1.42E-01	20

1995 Graded Exercise

# State of Texas

1995 Graded Exercise

06-December-1995

REAL TIME: 13:45

RELATIVE TIME: H+06:45

## OFFSITE RADIOLOGICAL SURVEY DATA

### METEOROLOGICAL DATA

WIND SPEED (MPH)	10.00
DELTA-T (DEG. F/50M)	-1.10
STABILITY CLASS (PASQUILL)	D
WIND DIRECTION (DEGREES)	250.0
PLUME TRAVEL (MI)	3.732E+01
PLUME TRAILING EDGE (MI)	0.000E+00

### RELEASE DATA

NOBLE GAS (CI/SEC)	3.864E+01
IODINE (CI/SEC)	3.145E-01
PARTICULATE (CI/SEC)	4.439E-01
TOTAL (CI/SEC)	3.940E+01
AVERAGE GAMMA (MEV/DIS)	0.32
AVERAGE BETA (MEV/DIS)	0.21

1995 Graded Exercise

LOCATION		DOSE RATE		AIR CONCENTRATION				AIR SAMPLE CPM		GROUND DEPOSITION		BACKGROUND
DOWN	DIST.	CLOSED	OPEN	GROSS	GROSS	NOBLE	IODINE	GROSS	GROSS	GROSS	NET	BACKGROUND
WIND	OFF	WINDOW	WINDOW	IODINE	PART.	GAS	131	IODINE	PART.	DEPOSIT.	GROUND	COUNT
DIST	CENT.	DOSE R.	DOSE R.	ACTIVITY	ACTIVITY	ACTIVITY	ACTIVITY	COUNT R.	COUNT R.	COUNT R.	DEPOSIT.	RATE
(MI)	(MI)	(MR/HR)	(MR/HR)	(UCI/CC)	(UCI/CC)	(UCI/CC)	(UCI/CC)	(CPM)	(CPM)	(CPM)	(UCI/M2)	(CPM)
0.5	0.00	145.17	405.79	6.17E-06	8.71E-06	7.87E-04	1.33E-06	3.10E+05	4.93E+05	3.35E+05	1.01E+03	20
	0.04	88.05	246.13	3.74E-06	5.28E-06	4.77E-04	8.07E-07	1.88E+05	2.99E+05	2.03E+05	6.10E+02	20
	0.08	19.65	54.92	8.35E-07	1.18E-06	1.07E-04	1.80E-07	4.20E+04	6.67E+04	4.53E+04	1.36E+02	20
	0.12	1.61	4.51	6.85E-08	9.68E-08	8.74E-06	1.48E-08	3.47E+03	5.50E+03	3.74E+03	1.12E+01	20
1.0	0.00	65.63	183.45	2.70E-06	3.82E-06	3.56E-04	5.83E-07	1.36E+05	2.16E+05	1.47E+05	4.41E+02	20
	0.07	39.81	111.27	1.64E-06	2.32E-06	2.16E-04	3.54E-07	8.25E+04	1.31E+05	8.91E+04	2.67E+02	20
	0.15	8.88	24.83	3.66E-07	5.17E-07	4.82E-05	7.90E-08	1.84E+04	2.93E+04	1.99E+04	5.97E+01	20
	0.22	0.73	2.04	3.00E-08	4.24E-08	3.96E-06	6.48E-09	1.53E+03	2.42E+03	1.65E+03	4.90E+00	20
1.5	0.00	38.53	107.70	1.59E-06	2.24E-06	2.09E-04	3.42E-07	7.98E+04	1.27E+05	8.62E+04	2.59E+02	20
	0.11	23.37	65.32	9.63E-07	1.36E-06	1.27E-04	2.08E-07	4.84E+04	7.70E+04	5.23E+04	1.57E+02	20
	0.22	5.21	14.57	2.15E-07	3.03E-07	2.83E-05	4.63E-08	1.08E+04	1.72E+04	1.17E+04	3.50E+01	20
	0.32	0.43	1.20	1.76E-08	2.49E-08	2.32E-06	3.80E-09	9.07E+02	1.43E+03	9.77E+02	2.87E+00	20
2.0	0.00	27.57	75.82	1.03E-06	1.52E-06	1.43E-04	2.17E-07	5.16E+04	8.57E+04	5.24E+04	1.57E+02	20
	0.14	16.72	45.99	6.22E-07	9.19E-07	8.68E-05	1.32E-07	3.13E+04	5.20E+04	3.18E+04	9.55E+01	20
	0.28	3.73	10.26	1.39E-07	2.05E-07	1.94E-05	2.94E-08	7.00E+03	1.16E+04	7.11E+03	2.13E+01	20
	0.42	0.31	0.84	1.14E-08	1.68E-08	1.59E-06	2.41E-09	5.93E+02	9.72E+02	6.02E+02	1.75E+00	20
3.0	0.00	15.97	43.93	6.04E-07	8.92E-07	8.29E-05	1.28E-07	3.04E+04	5.05E+04	3.09E+04	9.27E+01	20
	0.20	9.69	26.64	3.66E-07	5.41E-07	5.03E-05	7.75E-08	1.84E+04	3.06E+04	1.87E+04	5.62E+01	20
	0.39	2.16	5.95	8.17E-08	1.21E-07	1.12E-05	1.73E-08	4.13E+03	6.85E+03	4.20E+03	1.25E+01	20
	0.59	0.18	0.49	6.71E-09	9.91E-09	9.21E-07	1.42E-09	3.57E+02	5.81E+02	3.63E+02	1.03E+00	20
4.0	0.00	11.52	31.14	4.02E-07	6.21E-07	5.71E-05	8.34E-08	2.02E+04	3.52E+04	1.93E+04	5.79E+01	20
	0.25	6.99	18.89	2.44E-07	3.77E-07	3.46E-05	5.06E-08	1.23E+04	2.13E+04	1.17E+04	3.51E+01	20
	0.50	1.56	4.21	5.44E-08	8.41E-08	7.73E-06	1.13E-08	2.76E+03	4.78E+03	2.63E+03	7.84E+00	20
	0.75	0.13	0.35	4.47E-09	6.90E-09	6.35E-07	9.26E-10	2.45E+02	4.11E+02	2.34E+02	6.44E-01	20

# State of Texas

1995 Graded Exercise

06-December-1995

REAL TIME: 13:45

RELATIVE TIME: H+06:45

LOCATION		DOSE RATE		AIR CONCENTRATION				AIR SAMPLE CPM		GROUND DEPOSITION		BACKGROUN
DOWN	DIST.	CLOSED	OPEN	GROSS	GROSS	MOBLE	IODINE	GROSS	GROSS	GROSS	NET	BACKGROUN
WIND	OFF	WINDOW	WINDOW	IODINE	PART.	GAS	131	IODINE	PART.	DEPOSIT.	GROUND	COUNT
DIST	CENT.	DOSE R.	DOSE R.	ACTIVITY	ACTIVITY	ACTIVITY	ACTIVITY	COUNT R.	COUNT R.	COUNT R.	DEPOSIT.	RATE
(MI)	(MI)	(MR/HR)	(MR/HR)	(UCI/CC)	(UCI/CC)	(UCI/CC)	(UCI/CC)	(CPM)	(CPM)	(CPM)	(UCI/M2)	(CPM)
5.0	0.00	9.10	24.16	2.95E-07	4.77E-07	4.31E-05	5.99E-08	1.48E+04	2.70E+04	1.33E+04	3.98E+01	20
	0.30	5.52	14.65	1.79E-07	2.89E-07	2.61E-05	3.63E-08	9.01E+03	1.64E+04	8.06E+03	2.41E+01	20
	0.60	1.23	3.27	3.99E-08	6.46E-08	5.83E-06	8.10E-09	2.03E+03	3.67E+03	1.81E+03	5.38E+00	20
	0.89	0.10	0.27	3.27E-09	5.30E-09	4.78E-07	6.65E-10	1.85E+02	3.20E+02	1.67E+02	4.42E-01	20
6.0	0.00	7.21	19.15	2.37E-07	3.84E-07	3.41E-05	4.82E-08	1.19E+04	2.17E+04	1.07E+04	3.20E+01	20
	0.34	4.38	11.62	1.44E-07	2.33E-07	2.07E-05	2.92E-08	7.25E+03	1.32E+04	6.49E+03	1.94E+01	20
	0.69	0.98	2.59	3.21E-08	5.20E-08	4.62E-06	6.52E-09	1.63E+03	2.96E+03	1.46E+03	4.33E+00	20
	1.03	0.08	0.21	2.63E-09	4.27E-09	3.79E-07	5.35E-10	1.53E+02	2.61E+02	1.38E+02	3.56E-01	20
7.0	0.00	6.27	16.33	1.92E-07	3.26E-07	2.83E-05	3.82E-08	9.68E+03	1.85E+04	8.10E+03	2.43E+01	20
	0.38	3.80	9.91	1.16E-07	1.98E-07	1.72E-05	2.31E-08	5.88E+03	1.12E+04	4.92E+03	1.47E+01	20
	0.77	0.85	2.21	2.60E-08	4.42E-08	3.83E-06	5.16E-09	1.33E+03	2.52E+03	1.11E+03	3.28E+00	20
	1.15	0.07	0.18	2.13E-09	3.63E-09	3.14E-07	4.24E-10	1.27E+02	2.25E+02	1.10E+02	2.69E-01	20
8.0	0.00	5.32	13.85	1.65E-07	2.80E-07	2.40E-05	3.28E-08	8.31E+03	1.59E+04	6.95E+03	2.08E+01	20
	0.42	3.23	8.40	1.00E-07	1.70E-07	1.45E-05	1.99E-08	5.05E+03	9.64E+03	4.23E+03	1.26E+01	20
	0.85	0.72	1.87	2.23E-08	3.79E-08	3.25E-06	4.43E-09	1.14E+03	2.17E+03	9.58E+02	2.82E+00	20
	1.27	0.06	0.15	1.83E-09	3.11E-09	2.66E-07	3.64E-10	1.12E+02	1.96E+02	9.70E+01	2.31E-01	20
9.0	0.00	4.85	12.38	1.40E-07	2.51E-07	2.08E-05	2.72E-08	7.08E+03	1.42E+04	5.54E+03	1.66E+01	20
	0.46	2.94	7.51	8.51E-08	1.52E-07	1.26E-05	1.65E-08	4.30E+03	8.64E+03	3.37E+03	1.01E+01	20
	0.92	0.66	1.68	1.90E-08	3.40E-08	2.82E-06	3.69E-09	9.75E+02	1.94E+03	7.67E+02	2.24E+00	20
	1.38	0.05	0.14	1.56E-09	2.79E-09	2.31E-07	3.03E-10	9.84E+01	1.78E+02	8.13E+01	1.84E-01	20
10.0	0.00	4.49	11.21	1.21E-07	2.30E-07	1.83E-05	2.29E-08	6.12E+03	1.30E+04	4.47E+03	1.34E+01	20
	0.50	2.72	6.80	7.35E-08	1.39E-07	1.11E-05	1.39E-08	3.72E+03	7.91E+03	2.72E+03	8.10E+00	20
	0.99	0.61	1.52	1.64E-08	3.11E-08	2.48E-06	3.11E-09	8.45E+02	1.78E+03	6.22E+02	1.81E+00	20
	1.49	0.05	0.12	1.35E-09	2.55E-09	2.03E-07	2.55E-10	8.77E+01	1.64E+02	6.94E+01	1.48E-01	20

1995 Graded Exercise

## State of Texas

1995 Graded Exercise

06-December-1995

REAL TIME: 14:00

RELATIVE TIME: H+07:00

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## OFFSITE RADIOLOGICAL SURVEY DATA

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## -----METEOROLOGICAL DATA-----

WIND SPEED (MPH)	10.00
DELTA-T (DEG. F/50M)	-1.10
STABILITY CLASS (PASQUILL)	D
WIND DIRECTION (DEGREES)	250.0
PLUME TRAVEL (MI)	3.983E+01
PLUME TRAILING EDGE (MI)	0.000E+00

## -----RELEASE DATA-----

NOBLE GAS (CI/SEC)	3.680E+01
IODINE (CI/SEC)	2.984E-01
PARTICULATE (CI/SEC)	4.102E-01
TOTAL (CI/SEC)	3.751E+01
AVERAGE GAMMA (MEV/DIS)	0.31
AVERAGE BETA (MEV/DIS)	0.21

1995 Graded Exercise

LOCATION		DOSE RATE		AIR CONCENTRATION				AIR SAMPLE CPM		GROUND DEPOSITION		BACKGROUND
DOWN	DIST.	CLOSED	OPEN	GROSS	GROSS	NOBLE	IODINE	GROSS	GROSS	GROSS	NET	BACKGROUND
WIND	OFF	WINDOW	WINDOW	IODINE	PART.	GAS	131	IODINE	PART.	DEPOSIT.	GROUND	COUNT
DIST	CENT.	DOSE R.	DOSE R.	ACTIVITY	ACTIVITY	ACTIVITY	ACTIVITY	COUNT R.	COUNT R.	COUNT R.	DEPOSIT.	RATE
(MI)	(MI)	(MR/HR)	(MR/HR)	(UCI/CC)	(UCI/CC)	(UCI/CC)	(UCI/CC)	(CPM)	(CPM)	(CPM)	(UCI/M2)	(CPM)
0.5	0.00	132.27	375.50	5.85E-06	8.05E-06	7.50E-04	1.29E-06	2.94E+05	4.56E+05	3.42E+05	1.03E+03	20
	0.04	80.23	227.75	3.55E-06	4.88E-06	4.55E-04	7.79E-07	1.78E+05	2.76E+05	2.07E+05	6.22E+02	20
	0.08	17.90	50.82	7.92E-07	1.09E-06	1.01E-04	1.74E-07	3.98E+04	6.17E+04	4.63E+04	1.39E+02	20
	0.12	1.47	4.17	6.50E-08	8.94E-08	8.33E-06	1.43E-08	3.29E+03	5.08E+03	3.81E+03	1.14E+01	20
1.0	0.00	59.80	169.76	2.57E-06	3.53E-06	3.39E-04	5.64E-07	1.29E+05	2.00E+05	1.50E+05	4.50E+02	20
	0.07	36.27	102.96	1.56E-06	2.14E-06	2.06E-04	3.42E-07	7.83E+04	1.21E+05	9.09E+04	2.73E+02	20
	0.15	8.09	22.97	3.47E-07	4.78E-07	4.59E-05	7.63E-08	1.75E+04	2.71E+04	2.03E+04	6.09E+01	20
	0.22	0.66	1.89	2.85E-08	3.92E-08	3.77E-06	6.26E-09	1.45E+03	2.24E+03	1.68E+03	5.00E+00	20
1.5	0.00	35.10	99.66	1.51E-06	2.07E-06	1.99E-04	3.31E-07	7.58E+04	1.17E+05	8.79E+04	2.64E+02	20
	0.11	21.29	60.45	9.13E-07	1.26E-06	1.21E-04	2.01E-07	4.60E+04	7.11E+04	5.33E+04	1.60E+02	20
	0.22	4.75	13.49	2.04E-07	2.80E-07	2.69E-05	4.48E-08	1.03E+04	1.59E+04	1.19E+04	3.57E+01	20
	0.32	0.39	1.11	1.67E-08	2.30E-08	2.21E-06	3.67E-09	8.61E+02	1.32E+03	9.97E+02	2.93E+00	20
2.0	0.00	26.03	72.75	1.01E-06	1.43E-06	1.41E-04	2.18E-07	5.08E+04	8.08E+04	5.38E+04	1.62E+02	20
	0.14	15.79	44.13	6.12E-07	8.65E-07	8.57E-05	1.32E-07	3.08E+04	4.90E+04	3.26E+04	9.80E+01	20
	0.28	3.52	9.85	1.37E-07	1.93E-07	1.91E-05	2.95E-08	6.89E+03	1.09E+04	7.30E+03	2.19E+01	20
	0.42	0.29	0.81	1.12E-08	1.58E-08	1.57E-06	2.42E-09	5.84E+02	9.17E+02	6.18E+02	1.79E+00	20
3.0	0.00	15.08	42.15	5.94E-07	8.40E-07	8.19E-05	1.28E-07	2.99E+04	4.76E+04	3.17E+04	9.51E+01	20
	0.20	9.15	25.57	3.60E-07	5.09E-07	4.97E-05	7.77E-08	1.81E+04	2.88E+04	1.92E+04	5.77E+01	20
	0.39	2.04	5.70	8.04E-08	1.14E-07	1.11E-05	1.73E-08	4.06E+03	6.45E+03	4.31E+03	1.29E+01	20
	0.59	0.17	0.47	6.60E-09	9.33E-09	9.10E-07	1.42E-09	3.52E+02	5.48E+02	3.72E+02	1.06E+00	20
4.0	0.00	10.87	29.90	3.96E-07	5.85E-07	5.65E-05	8.37E-08	1.99E+04	3.31E+04	1.99E+04	5.96E+01	20
	0.25	6.59	18.13	2.40E-07	3.55E-07	3.42E-05	5.08E-08	1.21E+04	2.01E+04	1.21E+04	3.61E+01	20
	0.50	1.47	4.05	5.36E-08	7.92E-08	7.64E-06	1.13E-08	2.71E+03	4.50E+03	2.71E+03	8.06E+00	20
	0.75	0.12	0.33	4.40E-09	6.50E-09	6.27E-07	9.30E-10	2.41E+02	3.88E+02	2.40E+02	6.62E+01	20



## State of Texas

1995 Graded Exercise

06-December-1995

REAL TIME: 14:00

RELATIVE TIME: H+07:00

LOCATION		DOSE RATE		AIR CONCENTRATION				AIR SAMPLE CPK		GROUND DEPOSITION		BACKGROUND
DOWN	DIST.	CLOSED	OPEN	GROSS	GROSS	MOBILE	IODINE	GROSS	GROSS	GROSS	NET	BACKGROUND
WIND	OFF	WINDOW	WINDOW	IODINE	PART.	GAS	131	IODINE	PART.	DEPOSIT.	GROUND	COUNT
DIST	CENT.	DOSE R.	DOSE R.	ACTIVITY	ACTIVITY	ACTIVITY	ACTIVITY	COUNT R.	COUNT R.	COUNT R.	DEPOSIT.	RATE
(MI)	(MI)	(MR/HR)	(MR/HR)	(UCI/CC)	(UCI/CC)	(UCI/CC)	(UCI/CC)	(CPM)	(CPM)	(CPM)	(UCI/M2)	(CPH)
5.0	0.00	8.59	23.22	2.90E-07	4.49E-07	4.26E-05	6.02E-08	1.46E+04	2.54E+04	1.37E+04	4.10E+01	20
	0.30	5.21	14.08	1.76E-07	2.73E-07	2.58E-05	3.65E-08	8.88E+03	1.54E+04	8.31E+03	2.49E+01	20
	0.60	1.16	3.14	3.93E-08	6.08E-08	5.77E-06	8.15E-09	2.00E+03	3.46E+03	1.87E+03	5.55E+00	20
	0.89	0.10	0.26	3.23E-09	4.99E-09	4.73E-07	6.69E-10	1.82E+02	3.02E+02	1.72E+02	4.56E-01	20
6.0	0.00	6.81	18.41	2.34E-07	3.61E-07	3.38E-05	4.85E-08	1.18E+04	2.05E+04	1.10E+04	3.30E+01	20
	0.34	4.13	11.17	1.42E-07	2.19E-07	2.05E-05	2.94E-08	7.15E+03	1.24E+04	6.69E+03	2.00E+01	20
	0.69	0.92	2.49	3.16E-08	4.89E-08	4.57E-06	6.56E-09	1.61E+03	2.79E+03	1.51E+03	4.47E+00	20
	1.03	0.08	0.20	2.60E-09	4.02E-09	3.75E-07	5.38E-10	1.51E+02	2.47E+02	1.42E+02	3.67E-01	20
7.0	0.00	5.92	15.73	1.90E-07	3.07E-07	2.80E-05	3.85E-08	9.55E+03	1.74E+04	8.38E+03	2.51E+01	20
	0.38	3.59	9.54	1.15E-07	1.86E-07	1.70E-05	2.34E-08	5.80E+03	1.06E+04	5.09E+03	1.52E+01	20
	0.77	0.80	2.13	2.56E-08	4.16E-08	3.79E-06	5.21E-09	1.31E+03	2.37E+03	1.15E+03	3.40E+00	20
	1.15	0.07	0.17	2.11E-09	3.41E-09	3.12E-07	4.28E-10	1.26E+02	2.13E+02	1.13E+02	2.79E-01	20
8.0	0.00	5.02	13.34	1.63E-07	2.64E-07	2.38E-05	3.30E-08	8.20E+03	1.49E+04	7.19E+03	2.15E+01	20
	0.42	3.05	8.09	9.87E-08	1.60E-07	1.44E-05	2.00E-08	4.98E+03	9.07E+03	4.37E+03	1.31E+01	20
	0.85	0.68	1.80	2.20E-08	3.57E-08	3.22E-06	4.47E-09	1.13E+03	2.04E+03	9.91E+02	2.92E+00	20
	1.27	0.06	0.15	1.81E-09	2.93E-09	2.64E-07	3.67E-10	1.11E+02	1.86E+02	9.97E+01	2.39E-01	20
9.0	0.00	4.59	11.95	1.39E-07	2.36E-07	2.07E-05	2.76E-08	7.00E+03	1.34E+04	5.75E+03	1.72E+01	20
	0.46	2.78	7.25	8.42E-08	1.43E-07	1.26E-05	1.67E-08	4.26E+03	8.13E+03	3.50E+03	1.04E+01	20
	0.92	0.62	1.62	1.88E-08	3.20E-08	2.80E-06	3.73E-09	9.65E+02	1.83E+03	7.95E+02	2.33E+00	20
	1.38	0.05	0.13	1.54E-09	2.62E-09	2.30E-07	3.06E-10	9.76E+01	1.69E+02	8.37E+01	1.91E-01	20
10.0	0.00	4.26	10.87	1.20E-07	2.16E-07	1.83E-05	2.34E-08	6.08E+03	1.22E+04	4.66E+03	1.39E+01	20
	0.50	2.58	6.59	7.30E-08	1.31E-07	1.11E-05	1.42E-08	3.69E+03	7.43E+03	2.84E+03	8.45E+00	20
	0.99	0.58	1.47	1.63E-08	2.92E-08	2.47E-06	3.16E-09	8.40E+02	1.67E+03	6.48E+02	1.89E+00	20
	1.49	0.05	0.12	1.34E-09	2.40E-09	2.03E-07	2.60E-10	8.73E+01	1.56E+02	7.16E+01	1.55E-01	20

1995 Graded Exercise

# State of Texas

1995 Graded Exercise

06-December-1995

REAL TIME: 14:15

RELATIVE TIME: H+07:15

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## OFFSITE RADIOLOGICAL SURVEY DATA

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-----METEOROLOGICAL DATA-----						-----RELEASE DATA-----					
WIND SPEED (MPH)	10.00	NOBLE GAS (CI/SEC)	3.393E+01	DELTA-T (DEG. F/50M)	-1.10	IODINE (CI/SEC)	2.741E-01	STABILITY CLASS (PASQUILL)	D	PARTICULATE (CI/SEC)	3.696E-01
WIND DIRECTION (DEGREES)	250.0	TOTAL (CI/SEC)	3.457E+01	PLUME TRAVEL (MI)	4.233E+01	AVERAGE GAMMA (MEV/DIS)	0.30	PLUME TRAILING EDGE (MI)	0.000E+00	AVERAGE BETA (MEV/DIS)	0.21

1995 Graded Exercise

LOCATION		DOSE RATE		AIR CONCENTRATION				AIR SAMPLE CPM		GROUND DEPOSITION		BACKGROUND
DOWN	DIST.	CLOSED	OPEN	GROSS	GROSS	NOBLE	IODINE	GROSS	GROSS	GROSS	NET	BACKGROUND
WIND	OFF	WINDOW	WINDOW	IODINE	PART.	GAS	131	IODINE	PART.	DEPOSIT.	GROUND	COUNT
DIST	CENT.	DOSE R.	DOSE R.	ACTIVITY	ACTIVITY	ACTIVITY	ACTIVITY	COUNT R.	COUNT R.	COUNT R.	DEPOSIT.	RATE
(MI)	(MI)	(MR/HR)	(MR/HR)	(UCI/CC)	(UCI/CC)	(UCI/CC)	(UCI/CC)	(CPM)	(CPM)	(CPM)	(UCI/M2)	(CPM)
0.5	0.00	116.78	336.42	5.37E-06	7.25E-06	6.91E-04	1.20E-06	2.70E+05	4.10E+05	3.47E+05	1.04E+03	20
	0.04	70.83	204.05	3.26E-06	4.40E-06	4.19E-04	7.29E-07	1.64E+05	2.49E+05	2.11E+05	6.32E+02	20
	0.08	15.80	45.53	7.27E-07	9.81E-07	9.35E-05	1.63E-07	3.66E+04	5.56E+04	4.70E+04	1.41E+02	20
	0.12	1.30	3.74	5.97E-08	8.06E-08	7.68E-06	1.33E-08	3.02E+03	4.58E+03	3.88E+03	1.16E+01	20
1.0	0.00	52.79	152.09	2.36E-06	3.18E-06	3.13E-04	5.27E-07	1.19E+05	1.80E+05	1.52E+05	4.57E+02	20
	0.07	32.02	92.25	1.43E-06	1.93E-06	1.90E-04	3.20E-07	7.19E+04	1.09E+05	9.24E+04	2.77E+02	20
	0.15	7.14	20.58	3.19E-07	4.30E-07	4.23E-05	7.13E-08	1.61E+04	2.44E+04	2.06E+04	6.19E+01	20
	0.22	0.59	1.69	2.62E-08	3.53E-08	3.47E-06	5.85E-09	1.34E+03	2.02E+03	1.71E+03	5.08E+00	20
1.5	0.00	30.99	89.29	1.38E-06	1.87E-06	1.84E-04	3.09E-07	6.96E+04	1.06E+05	8.94E+04	2.68E+02	20
	0.11	18.80	54.15	8.39E-07	1.13E-06	1.11E-04	1.87E-07	4.22E+04	6.41E+04	5.42E+04	1.63E+02	20
	0.22	4.19	12.08	1.87E-07	2.53E-07	2.48E-05	4.18E-08	9.43E+03	1.43E+04	1.21E+04	3.63E+01	20
	0.32	0.34	0.99	1.54E-08	2.07E-08	2.04E-06	3.43E-09	7.93E+02	1.19E+03	1.01E+03	2.98E+00	20
2.0	0.00	23.71	67.32	9.57E-07	1.32E-06	1.35E-04	2.10E-07	4.82E+04	7.46E+04	5.51E+04	1.65E+02	20
	0.14	14.38	40.83	5.81E-07	8.00E-07	8.17E-05	1.28E-07	2.92E+04	4.53E+04	3.34E+04	1.00E+02	20
	0.28	3.21	9.11	1.30E-07	1.78E-07	1.82E-05	2.85E-08	6.54E+03	1.01E+04	7.47E+03	2.24E+01	20
	0.42	0.26	0.75	1.06E-08	1.46E-08	1.50E-06	2.34E-09	5.55E+02	8.49E+02	6.32E+02	1.84E+00	20
3.0	0.00	13.74	39.00	5.64E-07	7.76E-07	7.80E-05	1.24E-07	2.84E+04	4.39E+04	3.24E+04	9.74E+01	20
	0.20	8.33	23.66	3.42E-07	4.71E-07	4.73E-05	7.51E-08	1.72E+04	2.67E+04	1.97E+04	5.91E+01	20
	0.39	1.86	5.28	7.63E-08	1.05E-07	1.06E-05	1.68E-08	3.86E+03	5.96E+03	4.41E+03	1.32E+01	20
	0.59	0.15	0.43	6.26E-09	8.62E-09	8.66E-07	1.38E-09	3.35E+02	5.08E+02	3.80E+02	1.08E+00	20
4.0	0.00	10.26	28.69	3.89E-07	5.51E-07	5.58E-05	8.40E-08	1.96E+04	3.12E+04	2.04E+04	6.13E+01	20
	0.25	6.22	17.40	2.36E-07	3.34E-07	3.38E-05	5.09E-08	1.19E+04	1.89E+04	1.24E+04	3.72E+01	20
	0.50	1.39	3.88	5.27E-08	7.46E-08	7.55E-06	1.14E-08	2.67E+03	4.24E+03	2.78E+03	8.30E+00	20
	0.75	0.11	0.32	4.32E-09	6.12E-09	6.19E-07	9.33E-10	2.38E+02	3.66E+02	2.47E+02	6.81E-01	20



## State of Texas

1995 Graded Exercise

06-December-1995

REAL TIME: 14:15

RELATIVE TIME: H+07:15

LOCATION		DOSE RATE		AIR CONCENTRATION				AIR SAMPLE CPM		GROUND DEPOSITION		BACKGROUND
DOWN	DIST.	CLOSED	OPEN	GROSS	GROSS	NOBLE	IODINE	GROSS	GROSS	GROSS	NET	BACKGROUND
WIND	OFF	WINDOW	WINDOW	IODINE	PART.	GAS	131	IODINE	PART.	DEPOSIT.	GROUND	COUNT
DIST	CENT.	DOSE R.	DOSE R.	ACTIVITY	ACTIVITY	ACTIVITY	ACTIVITY	COUNT R.	COUNT R.	COUNT R.	DEPOSIT.	RATE
(MI)	(MI)	(MR/HR)	(MR/HR)	(UCI/CC)	(UCI/CC)	(UCI/CC)	(UCI/CC)	(CPM)	(CPM)	(CPM)	(UCI/M2)	(CPM)
5.0	0.00	8.11	22.29	2.86E-07	4.23E-07	4.21E-05	6.05E-08	1.44E+04	2.40E+04	1.41E+04	4.24E+01	20
	0.30	4.92	13.52	1.73E-07	2.57E-07	2.55E-05	3.67E-08	8.74E+03	1.45E+04	8.57E+03	2.57E+01	20
	0.60	1.10	3.02	3.87E-08	5.73E-08	5.70E-06	8.19E-09	1.97E+03	3.26E+03	1.93E+03	5.73E+00	20
	0.89	0.09	0.25	3.18E-09	4.70E-09	4.68E-07	6.72E-10	1.80E+02	2.86E+02	1.77E+02	4.70E-01	20
6.0	0.00	6.43	17.67	2.30E-07	3.40E-07	3.34E-05	4.87E-08	1.16E+04	1.93E+04	1.14E+04	3.41E+01	20
	0.34	3.90	10.72	1.40E-07	2.06E-07	2.02E-05	2.95E-08	7.04E+03	1.17E+04	6.90E+03	2.07E+01	20
	0.69	0.87	2.39	3.11E-08	4.61E-08	4.52E-06	6.59E-09	1.59E+03	2.63E+03	1.56E+03	4.61E+00	20
	1.03	0.07	0.20	2.56E-09	3.78E-09	3.71E-07	5.41E-10	1.49E+02	2.34E+02	1.46E+02	3.79E-01	20
7.0	0.00	5.59	15.12	1.87E-07	2.89E-07	2.77E-05	3.87E-08	9.41E+03	1.64E+04	8.67E+03	2.60E+01	20
	0.38	3.39	9.17	1.13E-07	1.75E-07	1.68E-05	2.35E-08	5.72E+03	9.94E+03	5.27E+03	1.58E+01	20
	0.77	0.76	2.05	2.53E-08	3.91E-08	3.76E-06	5.24E-09	1.29E+03	2.23E+03	1.19E+03	3.52E+00	20
	1.15	0.06	0.17	2.07E-09	3.21E-09	3.08E-07	4.30E-10	1.24E+02	2.02E+02	1.16E+02	2.89E-01	20
8.0	0.00	4.74	12.82	1.60E-07	2.48E-07	2.35E-05	3.33E-08	8.08E+03	1.41E+04	7.44E+03	2.23E+01	20
	0.42	2.88	7.78	9.72E-08	1.51E-07	1.43E-05	2.02E-08	4.91E+03	8.54E+03	4.52E+03	1.35E+01	20
	0.85	0.64	1.73	2.17E-08	3.36E-08	3.18E-06	4.50E-09	1.11E+03	1.92E+03	1.02E+03	3.02E+00	20
	1.27	0.05	0.14	1.78E-09	2.76E-09	2.61E-07	3.69E-10	1.10E+02	1.76E+02	1.02E+02	2.48E-01	20
9.0	0.00	4.34	11.51	1.37E-07	2.22E-07	2.05E-05	2.78E-08	6.91E+03	1.26E+04	5.97E+03	1.79E+01	20
	0.46	2.63	6.98	8.31E-08	1.35E-07	1.24E-05	1.69E-08	4.20E+03	7.65E+03	3.63E+03	1.08E+01	20
	0.92	0.59	1.56	1.85E-08	3.01E-08	2.78E-06	3.77E-09	9.53E+02	1.72E+03	8.25E+02	2.42E+00	20
	1.38	0.05	0.13	1.52E-09	2.47E-09	2.28E-07	3.09E-10	9.66E+01	1.60E+02	8.61E+01	1.99E-01	20
10.0	0.00	4.03	10.49	1.19E-07	2.03E-07	1.82E-05	2.37E-08	6.01E+03	1.15E+04	4.86E+03	1.45E+01	20
	0.50	2.44	6.36	7.23E-08	1.23E-07	1.10E-05	1.44E-08	3.66E+03	6.99E+03	2.96E+03	8.81E+00	20
	0.99	0.55	1.42	1.61E-08	2.75E-08	2.46E-06	3.20E-09	8.71E+02	1.57E+03	6.75E+02	1.97E+00	20
	1.49	0.04	0.12	1.32E-09	2.25E-09	2.02E-07	2.63E-10	8.66E+01	1.48E+02	7.38E+01	1.61E-01	20

1995 Graded Exercise

# State of Texas

1995 Graded Exercise

06-December-1995

REAL TIME: 14:30

RELATIVE TIME: H+07:30

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## OFFSITE RADIOLOGICAL SURVEY DATA

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-----METEOROLOGICAL DATA-----						-----RELEASE DATA-----			
WIND SPEED (MPH)	11.00	NOBLE GAS (CI/SEC)	3.146E+01						
DELTA-T (DEG. F/50M)	-1.20	IODINE (CI/SEC)	2.532E-01						
STABILITY CLASS (PASQUILL)	D	PARTICULATE (CI/SEC)	3.298E-01						
WIND DIRECTION (DEGREES)	250.0	TOTAL (CI/SEC)	3.204E+01						
PLUME TRAVEL (MI)	4.509E+01	AVERAGE GAMMA (MEV/DIS)	0.29						
PLUME TRAILING EDGE (MI)	0.000E+00	AVERAGE BETA (MEV/DIS)	0.20						

1995 Graded Exercise

LOCATION		DOSE RATE		AIR CONCENTRATION				AIR SAMPLE CPM		GROUND DEPOSITION		BACKGROUN
DOWN	DIST.	CLOSED	OPEN	GROSS	GROSS	NOBLE	IODINE	GROSS	GROSS	GROSS	NET	BACKGROUN
WIND	OFF	WINDOW	WINDOW	IODINE	PART.	GAS	131	IODINE	PART.	DEPOSIT.	GROUND	COUNT
DIST	CENT.	DOSE R.	DOSE R.	ACTIVITY	ACTIVITY	ACTIVITY	ACTIVITY	COUNT R.	COUNT R.	COUNT R.	DEPOSIT.	RATE
(MI)	(MI)	(MR/HR)	(MR/HR)	(UCI/CC)	(UCI/CC)	(UCI/CC)	(UCI/CC)	(CPM)	(CPM)	(CPM)	(UCI/M2)	(CPM)
0.5	0.00	94.32	275.53	4.51E-06	5.88E-06	5.83E-04	1.03E-06	2.27E+05	3.33E+05	3.48E+05	1.05E+03	20
	0.04	57.21	167.12	2.74E-06	3.57E-06	3.53E-04	6.22E-07	1.38E+05	2.02E+05	2.11E+05	6.35E+02	20
	0.08	12.77	37.29	6.11E-07	7.96E-07	7.89E-05	1.39E-07	3.07E+04	4.51E+04	4.72E+04	1.42E+02	20
	0.12	1.05	3.06	5.01E-08	6.54E-08	6.47E-06	1.14E-08	2.54E+03	3.72E+03	3.89E+03	1.16E+01	20
1.0	0.00	42.64	124.57	1.98E-06	2.58E-06	2.64E-04	4.50E-07	9.96E+04	1.46E+05	1.53E+05	4.59E+02	20
	0.07	25.86	75.55	1.20E-06	1.57E-06	1.60E-04	2.73E-07	6.04E+04	8.86E+04	9.27E+04	2.78E+02	20
	0.15	5.77	16.86	2.68E-07	3.49E-07	3.57E-05	6.09E-08	1.35E+04	1.98E+04	2.07E+04	6.21E+01	20
	0.22	0.47	1.38	2.20E-08	2.87E-08	2.93E-06	5.00E-09	1.13E+03	1.64E+03	1.72E+03	5.10E+00	20
1.5	0.00	25.03	73.13	1.16E-06	1.51E-06	1.60E-04	2.64E-07	5.84E+04	8.57E+04	8.97E+04	2.69E+02	20
	0.11	15.18	44.35	7.05E-07	9.19E-07	9.19E-05	1.60E-07	3.55E+04	5.20E+04	5.44E+04	1.63E+02	20
	0.22	3.39	9.90	1.57E-07	2.05E-07	2.09E-05	3.57E-08	7.93E+03	1.16E+04	1.22E+04	3.64E+01	20
	0.32	0.28	0.81	1.29E-08	1.68E-08	1.72E-06	2.93E-09	6.69E+02	9.72E+02	1.02E+03	2.99E+00	20
2.0	0.00	19.03	54.83	7.99E-07	1.08E-06	1.13E-04	1.79E-07	4.02E+04	6.11E+04	5.55E+04	1.67E+02	20
	0.14	11.54	33.26	4.85E-07	6.55E-07	6.84E-05	1.08E-07	2.44E+04	3.71E+04	3.37E+04	1.01E+02	20
	0.28	2.58	7.42	1.08E-07	1.46E-07	1.53E-05	2.42E-08	5.46E+03	8.29E+03	7.53E+03	2.26E+01	20
	0.42	0.21	0.61	8.88E-09	1.20E-08	1.25E-06	1.98E-09	4.67E+02	6.99E+02	6.37E+02	1.85E+00	20
3.0	0.00	11.03	31.77	4.71E-07	6.36E-07	6.54E-05	1.05E-07	2.37E+04	3.60E+04	3.27E+04	9.81E+01	20
	0.20	6.69	19.27	2.85E-07	3.86E-07	3.96E-05	6.38E-08	1.44E+04	2.18E+04	1.98E+04	5.95E+01	20
	0.39	1.49	4.30	6.37E-08	8.60E-08	8.85E-06	1.42E-08	3.22E+03	4.89E+03	4.44E+03	1.33E+01	20
	0.59	0.12	0.35	5.23E-09	7.06E-09	7.26E-07	1.17E-09	2.83E+02	4.20E+02	3.83E+02	1.09E+00	20
4.0	0.00	8.50	24.13	3.36E-07	4.63E-07	4.83E-05	7.37E-08	1.69E+04	2.62E+04	2.07E+04	6.22E+01	20
	0.25	5.16	14.64	2.04E-07	2.81E-07	2.93E-05	4.47E-08	1.03E+04	1.59E+04	1.26E+04	3.77E+01	20
	0.50	1.15	3.27	4.54E-08	6.26E-08	6.53E-06	9.98E-09	2.31E+03	3.56E+03	2.82E+03	8.42E+00	20
	0.75	0.09	0.27	3.73E-09	5.14E-09	5.36E-07	8.19E-10	2.08E+02	3.11E+02	2.50E+02	6.91E-01	20

# State of Texas

1995 Graded Exercise

06-December-1995

REAL TIME: 14:30

RELATIVE TIME: H+07:30

LOCATION		DOSE RATE		AIR CONCENTRATION				AIR SAMPLE CPM		GROUND DEPOSITION		BACKGROUND
DOWN	DIST.	CLOSED	OPEN	GROSS	GROSS	NOBLE	IODINE	GROSS	GROSS	GROSS	NET	BACKGROUND
WIND	OFF	WINDOW	WINDOW	IODINE	PART.	GAS	131	IODINE	PART.	DEPOSIT.	GROUND	COUNT
DIST	CENT.	DOSE R.	DOSE R.	ACTIVITY	ACTIVITY	ACTIVITY	ACTIVITY	COUNT R.	COUNT R.	COUNT R.	DEPOSIT.	RATE
(MI)	(MI)	(MR/HR)	(MR/HR)	(UCI/CC)	(UCI/CC)	(UCI/CC)	(UCI/CC)	(CPM)	(CPM)	(CPM)	(UCI/M2)	(CPM)
5.0	0.00	6.96	19.45	2.56E-07	3.62E-07	3.78E-05	5.52E-08	1.29E+04	2.05E+04	1.44E+04	4.31E+01	20
	0.30	4.22	11.80	1.55E-07	2.20E-07	2.29E-05	3.35E-08	7.82E+03	1.25E+04	8.73E+03	2.62E+01	20
	0.60	0.94	2.63	3.46E-08	4.90E-08	5.12E-06	7.46E-09	1.76E+03	2.79E+03	1.96E+03	5.84E+00	20
	0.89	0.08	0.22	2.84E-09	4.02E-09	4.20E-07	6.13E-10	1.63E+02	2.48E+02	1.80E+02	4.79E-01	20
6.0	0.00	5.52	15.42	2.06E-07	2.91E-07	3.00E-05	4.44E-08	1.04E+04	1.65E+04	1.16E+04	3.47E+01	20
	0.34	3.35	9.35	1.25E-07	1.77E-07	1.82E-05	2.69E-08	6.30E+03	1.00E+04	7.03E+03	2.11E+01	20
	0.69	0.75	2.09	2.78E-08	3.94E-08	4.06E-06	6.00E-09	1.42E+03	2.25E+03	1.58E+03	4.70E+00	20
	1.03	0.06	0.17	2.29E-09	3.24E-09	3.33E-07	4.93E-10	1.35E+02	2.03E+02	1.48E+02	3.86E-01	20
7.0	0.00	4.80	13.19	1.67E-07	2.48E-07	2.49E-05	3.54E-08	8.43E+03	1.40E+04	8.84E+03	2.65E+01	20
	0.38	2.91	8.00	1.01E-07	1.50E-07	1.51E-05	2.14E-08	5.12E+03	8.51E+03	5.37E+03	1.61E+01	20
	0.77	0.65	1.79	2.26E-08	3.35E-08	3.37E-06	4.79E-09	1.16E+03	1.92E+03	1.21E+03	3.59E+00	20
	1.15	0.05	0.15	1.86E-09	2.75E-09	2.77E-07	3.93E-10	1.13E+02	1.76E+02	1.18E+02	2.94E-01	20
8.0	0.00	4.07	11.19	1.43E-07	2.12E-07	2.11E-05	3.04E-08	7.24E+03	1.20E+04	7.60E+03	2.27E+01	20
	0.42	2.47	6.79	8.70E-08	1.29E-07	1.28E-05	1.84E-08	4.40E+03	7.31E+03	4.61E+03	1.38E+01	20
	0.85	0.55	1.51	1.94E-08	2.88E-08	2.86E-06	4.11E-09	9.96E+02	1.65E+03	1.05E+03	3.08E+00	20
	1.27	0.05	0.12	1.59E-09	2.36E-09	2.35E-07	3.37E-10	1.00E+02	1.54E+02	1.04E+02	2.53E-01	20
9.0	0.00	3.72	10.06	1.23E-07	1.90E-07	1.85E-05	2.55E-08	6.19E+03	1.08E+04	6.10E+03	1.83E+01	20
	0.46	2.26	6.10	7.45E-08	1.15E-07	1.12E-05	1.54E-08	3.76E+03	6.55E+03	3.71E+03	1.11E+01	20
	0.92	0.50	1.36	1.66E-08	2.57E-08	2.50E-06	3.45E-09	8.56E+02	1.48E+03	8.43E+02	2.47E+00	20
	1.38	0.04	0.11	1.36E-09	2.11E-09	2.05E-07	2.83E-10	8.86E+01	1.40E+02	8.76E+01	2.03E-01	20
10.0	0.00	3.46	9.18	1.07E-07	1.74E-07	1.64E-05	2.17E-08	5.40E+03	9.84E+03	4.98E+03	1.49E+01	20
	0.50	2.10	5.57	6.49E-08	1.05E-07	9.93E-06	1.32E-08	3.28E+03	5.98E+03	3.03E+03	9.03E+00	20
	0.99	0.47	1.24	1.45E-08	2.35E-08	2.22E-06	2.94E-09	7.48E+02	1.35E+03	6.91E+02	2.01E+00	20
	1.49	0.04	0.10	1.19E-09	1.93E-09	1.82E-07	2.41E-10	7.97E+01	1.29E+02	7.51E+01	1.65E-01	20

1995 Graded Exercise

# State of Texas

1995 Graded Exercise

06-December-1995

REAL TIME: 14:45

RELATIVE TIME: H+07:45

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## OFFSITE RADIOLOGICAL SURVEY DATA

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-----METEOROLOGICAL DATA-----					-----RELEASE DATA-----				
WIND SPEED (MPH)	11.00	NOBLE GAS (CI/SEC)	2.933E+01						
DELTA-T (DEG. F/50M)	-1.20	IODINE (CI/SEC)	2.352E-01						
STABILITY CLASS (PASQUILL)	D	PARTICULATE (CI/SEC)	2.938E-01						
WIND DIRECTION (DEGREES)	250.0	TOTAL (CI/SEC)	2.986E+01						
PLUME TRAVEL (MI)	4.785E+01	AVERAGE GAMMA (MEV/DIS)	0.28						
PLUME TRAILING EDGE (MI)	0.000E+00	AVERAGE BETA (MEV/DIS)	0.20						

1995 Graded Exercise

LOCATION		DOSE RATE		AIR CONCENTRATION				AIR SAMPLE CPM		GROUND DEPOSITION		BACKGROUN
DOWN	DIST.	CLOSED	OPEN	GROSS	GROSS	NOBLE	IODINE	GROSS	GROSS	GROSS	NET	BACKGROUN
WIND	OFF	WINDOW	WINDOW	IODINE	PART.	GAS	131	IODINE	PART.	DEPOSIT.	GROUND	COUNT
DIST	CENT.	DOSE R.	DOSE R.	ACTIVITY	ACTIVITY	ACTIVITY	ACTIVITY	COUNT R.	COUNT R.	COUNT R.	DEPOSIT.	RATE
(MI)	(MI)	(MR/HR)	(MR/HR)	(UCI/CC)	(UCI/CC)	(UCI/CC)	(UCI/CC)	(CPM)	(CPM)	(CPM)	(UCI/M2)	(CPM)
0.5	0.00	84.33	249.61	4.19E-06	5.24E-06	5.43E-04	9.69E-07	2.11E+05	2.97E+05	3.50E+05	1.05E+03	20
	0.04	51.15	151.40	2.54E-06	3.18E-06	3.29E-04	5.88E-07	1.28E+05	1.80E+05	2.12E+05	6.38E+02	20
	0.08	11.41	33.78	5.67E-07	7.09E-07	7.35E-05	1.31E-07	2.86E+04	4.02E+04	4.74E+04	1.42E+02	20
	0.12	0.94	2.77	4.66E-08	5.82E-08	6.03E-06	1.08E-08	2.36E+03	3.31E+03	3.91E+03	1.17E+01	20
1.0	0.00	38.12	112.85	1.84E-06	2.30E-06	2.46E-04	4.25E-07	9.25E+04	1.30E+05	1.54E+05	4.61E+02	20
	0.07	23.12	68.45	1.12E-06	1.39E-06	1.49E-04	2.58E-07	5.61E+04	7.89E+04	9.31E+04	2.80E+02	20
	0.15	5.16	15.27	2.49E-07	3.11E-07	3.33E-05	5.75E-08	1.25E+04	1.76E+04	2.08E+04	6.24E+01	20
	0.22	0.42	1.25	2.04E-08	2.55E-08	2.73E-06	4.72E-09	1.05E+03	1.46E+03	1.73E+03	5.12E+00	20
1.5	0.00	22.38	66.25	1.08E-06	1.35E-06	1.44E-04	2.49E-07	5.43E+04	7.63E+04	9.01E+04	2.71E+02	20
	0.11	13.58	40.18	6.54E-07	8.18E-07	8.75E-05	1.51E-07	3.29E+04	4.63E+04	5.47E+04	1.64E+02	20
	0.22	3.03	8.97	1.46E-07	1.83E-07	1.95E-05	3.37E-08	7.37E+03	1.03E+04	1.22E+04	3.66E+01	20
	0.32	0.25	0.74	1.20E-08	1.50E-08	1.60E-06	2.77E-09	6.23E+02	8.68E+02	1.02E+03	3.01E+00	20
2.0	0.00	16.91	49.40	7.39E-07	9.64E-07	1.05E-04	1.68E-07	3.72E+04	5.46E+04	5.60E+04	1.68E+02	20
	0.14	10.26	29.96	4.48E-07	5.85E-07	6.35E-05	1.02E-07	2.25E+04	3.31E+04	3.39E+04	1.02E+02	20
	0.28	2.29	6.69	9.99E-08	1.30E-07	1.42E-05	2.27E-08	5.05E+03	7.40E+03	7.59E+03	2.27E+01	20
	0.42	0.19	0.55	8.20E-09	1.07E-08	1.16E-06	1.86E-09	4.33E+02	6.26E+02	6.41E+02	1.87E+00	20
3.0	0.00	9.80	28.62	4.35E-07	5.67E-07	6.06E-05	9.88E-08	2.19E+04	3.21E+04	3.30E+04	9.89E+01	20
	0.20	5.94	17.36	2.64E-07	3.44E-07	3.68E-05	5.99E-08	1.33E+04	1.95E+04	2.00E+04	6.00E+01	20
	0.39	1.33	3.87	5.88E-08	7.68E-08	8.20E-06	1.34E-08	2.98E+03	4.37E+03	4.48E+03	1.34E+01	20
	0.59	0.11	0.32	4.83E-09	6.30E-09	6.73E-07	1.10E-09	2.63E+02	3.77E+02	3.86E+02	1.10E+00	20
4.0	0.00	7.51	21.62	3.08E-07	4.17E-07	4.45E-05	6.89E-08	1.55E+04	2.36E+04	2.10E+04	6.30E+01	20
	0.25	4.55	13.11	1.87E-07	2.53E-07	2.70E-05	4.18E-08	9.43E+03	1.43E+04	1.27E+04	3.82E+01	20
	0.50	1.02	2.93	4.17E-08	5.64E-08	6.02E-06	9.33E-09	2.12E+03	3.21E+03	2.86E+03	8.52E+00	20
	0.75	0.08	0.24	3.43E-09	4.63E-09	4.94E-07	7.66E-10	1.92E+02	2.82E+02	2.53E+02	7.00E-01	20

## State of Texas

1995 Graded Exercise

06-December-1995

REAL TIME: 14:45

RELATIVE TIME: H+07:45

LOCATION		DOSE RATE		AIR CONCENTRATION				AIR SAMPLE CPM		GROUND DEPOSITION		BACKGROUN
DOWN	DIST.	CLOSED	OPEN	GROSS	GROSS	NOBLE	IODINE	GROSS	GROSS	GROSS	NET	BACKGROUN
WIND	OFF	WINDOW	WINDOW	IODINE	PART.	GAS	131	IODINE	PART.	DEPOSIT.	GROUND	COUNT
DIST	CENT.	DOSE R.	DOSE R.	ACTIVITY	ACTIVITY	ACTIVITY	ACTIVITY	COUNT R.	COUNT R.	COUNT R.	DEPOSIT.	RATE
(MI)	(MI)	(MR/HR)	(MR/HR)	(UCI/CC)	(UCI/CC)	(UCI/CC)	(UCI/CC)	(CPM)	(CPM)	(CPM)	(UCI/M2)	(CPM)
5.0	0.00	6.34	18.00	2.43E-07	3.35E-07	3.60E-05	5.33E-08	1.22E+04	1.90E+04	1.47E+04	4.40E+01	20
	0.30	3.84	10.92	1.47E-07	2.03E-07	2.18E-05	3.23E-08	7.42E+03	1.15E+04	8.90E+03	2.67E+01	20
	0.60	0.86	2.44	3.28E-08	4.53E-08	4.87E-06	7.21E-09	1.67E+03	2.58E+03	2.00E+03	5.95E+00	20
	0.89	0.07	0.20	2.69E-09	3.72E-09	4.00E-07	5.92E-10	1.56E+02	2.30E+02	1.83E+02	4.89E-01	20
6.0	0.00	5.03	14.27	1.95E-07	2.69E-07	2.85E-05	4.29E-08	9.84E+03	1.53E+04	1.18E+04	3.54E+01	20
	0.34	3.05	8.65	1.18E-07	1.63E-07	1.73E-05	2.60E-08	5.97E+03	9.26E+03	7.17E+03	2.15E+01	20
	0.69	0.68	1.93	2.64E-08	3.64E-08	3.86E-06	5.80E-09	1.35E+03	2.08E+03	1.61E+03	4.79E+00	20
	1.03	0.06	0.16	2.17E-09	2.99E-09	3.17E-07	4.76E-10	1.29E+02	1.89E+02	1.51E+02	3.93E-01	20
7.0	0.00	4.53	12.66	1.64E-07	2.33E-07	2.46E-05	3.55E-08	8.29E+03	1.32E+04	9.06E+03	2.71E+01	20
	0.38	2.75	7.68	9.97E-08	1.41E-07	1.49E-05	2.15E-08	5.04E+03	8.02E+03	5.50E+03	1.65E+01	20
	0.77	0.61	1.71	2.23E-08	3.15E-08	3.33E-06	4.80E-09	1.14E+03	1.80E+03	1.24E+03	3.67E+00	20
	1.15	0.05	0.14	1.83E-09	2.59E-09	2.74E-07	3.94E-10	1.12E+02	1.67E+02	1.20E+02	3.02E-01	20
8.0	0.00	3.84	10.74	1.41E-07	2.00E-07	2.09E-05	3.04E-08	7.12E+03	1.13E+04	7.78E+03	2.33E+01	20
	0.42	2.33	6.51	8.56E-08	1.21E-07	1.27E-05	1.85E-08	4.33E+03	6.89E+03	4.73E+03	1.41E+01	20
	0.85	0.52	1.45	1.91E-08	2.71E-08	2.83E-06	4.12E-09	9.81E+02	1.55E+03	1.07E+03	3.15E+00	20
	1.27	0.04	0.12	1.57E-09	2.22E-09	2.32E-07	3.38E-10	9.89E+01	1.46E+02	1.06E+02	2.59E-01	20
9.0	0.00	3.51	9.66	1.21E-07	1.79E-07	1.82E-05	2.56E-08	6.10E+03	1.02E+04	6.26E+03	1.87E+01	20
	0.46	2.13	5.86	7.33E-08	1.09E-07	1.11E-05	1.55E-08	3.71E+03	6.17E+03	3.81E+03	1.14E+01	20
	0.92	0.48	1.31	1.64E-08	2.42E-08	2.47E-06	3.46E-09	8.43E+02	1.39E+03	8.65E+02	2.54E+00	20
	1.38	0.04	0.11	1.34E-09	1.99E-09	2.03E-07	2.84E-10	8.75E+01	1.33E+02	8.94E+01	2.08E-01	20
10.0	0.00	3.26	8.82	1.05E-07	1.63E-07	1.62E-05	2.19E-08	5.32E+03	9.27E+03	5.12E+03	1.53E+01	20
	0.50	1.98	5.35	6.39E-08	9.91E-08	9.83E-06	1.33E-08	3.23E+03	5.63E+03	3.11E+03	9.29E+00	20
	0.99	0.44	1.19	1.43E-08	2.21E-08	2.19E-06	2.96E-09	7.37E+02	1.27E+03	7.10E+02	2.07E+00	20
	1.49	0.04	0.10	1.17E-09	1.82E-09	1.80E-07	2.43E-10	7.89E+01	1.23E+02	7.66E+01	1.70E-01	20

1995 Graded Exercise



# State of Texas

1995 Graded Exercise

06-December-1995

REAL TIME: 15:00

RELATIVE TIME: H+08:00

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## OFFSITE RADIOLOGICAL SURVEY DATA

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### -----METEOROLOGICAL DATA-----

WIND SPEED (MPH)	11.00
DELTA-T (DEG. F/50M)	-1.20
STABILITY CLASS (PASQUILL)	D
WIND DIRECTION (DEGREES)	250.0
PLUME TRAVEL (MI)	5.060E+01
PLUME TRAILING EDGE (MI)	0.000E+00

### -----RELEASE DATA-----

NOBLE GAS (CI/SEC)	2.628E+01
IODINE (CI/SEC)	2.100E-01
PARTICULATE (CI/SEC)	2.562E-01
TOTAL (CI/SEC)	2.674E+01
AVERAGE GAMMA (MEV/DIS)	0.27
AVERAGE BETA (MEV/DIS)	0.20

1995 Graded Exercise

LOCATION		DOSE RATE		AIR CONCENTRATION				AIR SAMPLE CPM		GROUND DEPOSITION		BACKGROUN
DOWN	DIST.	CLOSED	OPEN	GROSS	GROSS	NOBLE	IODINE	GROSS	GROSS	GROSS	NET	BACKGROUN
WIND	OFF	WINDOW	WINDOW	IODINE	PART.	GAS	131	IODINE	PART.	DEPOSIT.	GROUND	COUNT
DIST	CENT.	DOSE R.	DOSE R.	ACTIVITY	ACTIVITY	ACTIVITY	ACTIVITY	COUNT R.	COUNT R.	COUNT R.	DEPOSIT.	RATE
(MI)	(MI)	(MR/HR)	(MR/HR)	(UCI/CC)	(UCI/CC)	(UCI/CC)	(UCI/CC)	(CPM)	(CPM)	(CPM)	(UCI/M2)	(CPM)
0.5	0.00	72.52	217.37	3.74E-06	4.57E-06	4.87E-04	8.79E-07	1.88E+05	2.59E+05	3.51E+05	1.05E+03	20
	0.04	43.99	131.84	2.27E-06	2.77E-06	2.95E-04	5.33E-07	1.14E+05	1.57E+05	2.13E+05	6.39E+02	20
	0.08	9.82	29.42	5.07E-07	6.19E-07	6.59E-05	1.19E-07	2.55E+04	3.50E+04	4.75E+04	1.43E+02	20
	0.12	0.81	2.41	4.16E-08	5.08E-08	5.41E-06	9.76E-09	2.11E+03	2.89E+03	3.92E+03	1.17E+01	20
1.0	0.00	32.79	98.27	1.64E-06	2.00E-06	2.20E-04	3.85E-07	8.26E+04	1.13E+05	1.54E+05	4.62E+02	20
	0.07	19.89	59.61	9.96E-07	1.22E-06	1.34E-04	2.34E-07	5.01E+04	6.88E+04	9.34E+04	2.80E+02	20
	0.15	4.44	13.30	2.22E-07	2.71E-07	2.98E-05	5.21E-08	1.12E+04	1.54E+04	2.09E+04	6.26E+01	20
	0.22	0.36	1.09	1.82E-08	2.23E-08	2.45E-06	4.28E-09	9.37E+02	1.28E+03	1.73E+03	5.14E+00	20
1.5	0.00	19.25	57.69	9.63E-07	1.18E-06	1.29E-04	2.26E-07	4.85E+04	6.66E+04	9.04E+04	2.71E+02	20
	0.11	11.67	34.99	5.84E-07	7.14E-07	7.84E-05	1.37E-07	2.94E+04	4.04E+04	5.48E+04	1.65E+02	20
	0.22	2.60	7.81	1.30E-07	1.59E-07	1.75E-05	3.06E-08	6.58E+03	9.03E+03	1.22E+04	3.67E+01	20
	0.32	0.21	0.64	1.07E-08	1.31E-08	1.44E-06	2.51E-09	5.58E+02	7.59E+02	1.02E+03	3.01E+00	20
2.0	0.00	15.12	44.76	6.86E-07	8.58E-07	9.75E-05	1.59E-07	3.45E+04	4.86E+04	5.64E+04	1.69E+02	20
	0.14	9.17	27.15	4.16E-07	5.21E-07	5.92E-05	9.61E-08	2.09E+04	2.95E+04	3.42E+04	1.03E+02	20
	0.28	2.05	6.06	9.29E-08	1.16E-07	1.32E-05	2.15E-08	4.69E+03	6.59E+03	7.54E+03	2.29E+01	20
	0.42	0.17	0.50	7.62E-09	9.54E-09	1.08E-06	1.76E-09	4.03E+02	5.60E+02	6.46E+02	1.88E+00	20
3.0	0.00	8.76	25.93	4.04E-07	5.05E-07	5.65E-05	9.33E-08	2.03E+04	2.86E+04	3.32E+04	9.96E+01	20
	0.20	5.31	15.73	2.45E-07	3.07E-07	3.43E-05	5.66E-08	1.23E+04	1.74E+04	2.01E+04	6.04E+01	20
	0.39	1.19	3.51	5.47E-08	6.84E-08	7.65E-06	1.26E-08	2.77E+03	3.89E+03	4.51E+03	1.35E+01	20
	0.59	0.10	0.29	4.49E-09	5.61E-09	6.28E-07	1.04E-09	2.46E+02	3.38E+02	3.88E+02	1.11E+00	20
4.0	0.00	6.67	19.48	2.85E-07	3.72E-07	4.13E-05	6.48E-08	1.44E+04	2.11E+04	2.12E+04	6.37E+01	20
	0.25	4.04	11.82	1.73E-07	2.26E-07	2.50E-05	3.93E-08	8.71E+03	1.28E+04	1.29E+04	3.86E+01	20
	0.50	0.90	2.64	3.86E-08	5.04E-08	5.59E-06	8.77E-09	1.96E+03	2.87E+03	2.89E+03	8.61E+00	20
	0.75	0.07	0.22	3.17E-09	4.13E-09	4.58E-07	7.19E-10	1.79E+02	2.54E+02	2.55E+02	7.07E-01	20



## State of Texas

1995 Graded Exercise

06-December-1995

REAL TIME: 15:00

RELATIVE TIME: H+08:00

LOCATION		DOSE RATE		AIR CONCENTRATION				AIR SAMPLE CPM		GROUND DEPOSITION		BACKGROUND
DOWN	DIST.	CLOSED	OPEN	GROSS	GROSS	MOBILE	IODINE	GROSS	GROSS	GROSS	NET	BACKGROUND
WIND	OFF	WINDOW	WINDOW	IODINE	PART.	GAS	131	IODINE	PART.	DEPOSIT.	GROUND	COUNT
DIST	CENT.	DOSE R.	DOSE R.	ACTIVITY	ACTIVITY	ACTIVITY	ACTIVITY	COUNT R.	COUNT R.	COUNT R.	DEPOSIT.	RATE
(MI)	(MI)	(MR/HR)	(MR/HR)	(UCI/CC)	(UCI/CC)	(UCI/CC)	(UCI/CC)	(CPM)	(CPM)	(CPM)	(UCI/M2)	(CPM)
5.0	0.00	5.60	16.12	2.23E-07	3.02E-07	3.32E-05	4.98E-08	1.12E+04	1.71E+04	1.49E+04	4.47E+01	20
	0.30	3.39	9.78	1.35E-07	1.83E-07	2.01E-05	3.02E-08	6.82E+03	1.04E+04	9.04E+03	2.71E+01	20
	0.60	0.76	2.18	3.02E-08	4.08E-08	4.49E-06	6.74E-09	1.54E+03	2.33E+03	2.03E+03	6.05E+00	20
	0.89	0.06	0.18	2.48E-09	3.35E-09	3.69E-07	5.53E-10	1.45E+02	2.10E+02	1.85E+02	4.96E-01	20
6.0	0.00	4.44	12.78	1.79E-07	2.43E-07	2.63E-05	4.01E-08	9.04E+03	1.37E+04	1.20E+04	3.59E+01	20
	0.34	2.69	7.75	1.09E-07	1.47E-07	1.60E-05	2.43E-08	5.49E+03	8.35E+03	7.28E+03	2.18E+01	20
	0.69	0.60	1.73	2.43E-08	3.28E-08	3.56E-06	5.42E-09	1.24E+03	1.88E+03	1.64E+03	4.86E+00	20
	1.03	0.05	0.14	1.99E-09	2.69E-09	2.92E-07	4.45E-10	1.20E+02	1.72E+02	1.53E+02	3.99E-01	20
7.0	0.00	4.13	11.72	1.56E-07	2.15E-07	2.35E-05	3.43E-08	7.87E+03	1.22E+04	9.27E+03	2.78E+01	20
	0.38	2.50	7.11	9.46E-08	1.31E-07	1.42E-05	2.08E-08	4.78E+03	7.41E+03	5.63E+03	1.68E+01	20
	0.77	0.56	1.59	2.11E-08	2.92E-08	3.17E-06	4.64E-09	1.08E+03	1.67E+03	1.27E+03	3.76E+00	20
	1.15	0.05	0.13	1.73E-09	2.39E-09	2.61E-07	3.81E-10	1.07E+02	1.55E+02	1.23E+02	3.08E-01	20
8.0	0.00	3.50	9.94	1.34E-07	1.85E-07	1.99E-05	2.94E-08	6.75E+03	1.05E+04	7.96E+03	2.38E+01	20
	0.42	2.12	6.03	8.12E-08	1.12E-07	1.21E-05	1.78E-08	4.10E+03	6.37E+03	4.83E+03	1.45E+01	20
	0.85	0.47	1.34	1.81E-08	2.50E-08	2.69E-06	3.98E-09	9.31E+02	1.44E+03	1.09E+03	3.23E+00	20
	1.27	0.04	0.11	1.49E-09	2.05E-09	2.21E-07	3.27E-10	9.48E+01	1.36E+02	1.08E+02	2.65E-01	20
9.0	0.00	3.31	9.27	1.19E-07	1.69E-07	1.80E-05	2.56E-08	6.00E+03	9.57E+03	6.44E+03	1.93E+01	20
	0.46	2.01	5.62	7.21E-08	1.02E-07	1.09E-05	1.56E-08	3.65E+03	5.81E+03	3.91E+03	1.17E+01	20
	0.92	0.45	1.25	1.61E-08	2.28E-08	2.44E-06	3.47E-09	8.29E+02	1.31E+03	8.89E+02	2.61E+00	20
	1.38	0.04	0.10	1.32E-09	1.87E-09	2.00E-07	2.85E-10	8.64E+01	1.26E+02	9.13E+01	2.14E-01	20
10.0	0.00	3.08	8.47	1.04E-07	1.54E-07	1.60E-05	2.19E-08	5.24E+03	8.73E+03	5.28E+03	1.58E+01	20
	0.50	1.87	5.14	6.29E-08	9.33E-08	9.72E-06	1.33E-08	3.18E+03	5.30E+03	3.21E+03	9.57E+00	20
	0.99	0.42	1.15	1.40E-08	2.08E-08	2.17E-06	2.97E-09	7.26E+02	1.20E+03	7.31E+02	2.14E+00	20
	1.49	0.03	0.09	1.15E-09	1.71E-09	1.78E-07	2.44E-10	7.80E+01	1.17E+02	7.84E+01	1.75E-01	20

1995 Graded Exercise

## State of Texas

1995 Graded Exercise

06-December-1995

REAL TIME: 15:15

RELATIVE TIME: H+08:15

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OFFSITE RADIOLOGICAL SURVEY DATA  
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## -----METEOROLOGICAL DATA-----

WIND SPEED (MPH) 11.00  
 DELTA-T (DEG. F/50M) -1.30  
 STABILITY CLASS (PASQUILL) D  
 WIND DIRECTION (DEGREES) 252.0  
 PLUME TRAVEL (MI) 5.336E+01  
 PLUME TRAILING EDGE (MI) 0.000E+00

## -----RELEASE DATA-----

NOBLE GAS (CI/SEC) 2.366E+01  
 IODINE (CI/SEC) 1.885E-01  
 PARTICULATE (CI/SEC) 2.217E-01  
 TOTAL (CI/SEC) 2.407E+01  
 AVERAGE GAMMA (MEV/DIS) 0.26  
 AVERAGE BETA (MEV/DIS) 0.20

1995 Graded Exercise

LOCATION		DOSE RATE		AIR CONCENTRATION				AIR SAMPLE CPM		GROUND DEPOSITION		BACKGROUN
DOWN	DIST.	CLOSED	OPEN	GROSS	GROSS	NOBLE	IODINE	GROSS	GROSS	GROSS	NET	BACKGROUN
WIND	OFF	WINDOW	WINDOW	IODINE	PART.	GAS	131	IODINE	PART.	DEPOSIT.	GROUND	COUNT
DIST	CENT.	DOSE R.	DOSE R.	ACTIVITY	ACTIVITY	ACTIVITY	ACTIVITY	COUNT R.	COUNT R.	COUNT R.	DEPOSIT.	RATE
(MI)	(MI)	(MR/HR)	(MR/HR)	(UCI/CC)	(UCI/CC)	(UCI/CC)	(UCI/CC)	(CPM)	(CPM)	(CPM)	(UCI/M2)	(CPM)
0.5	0.00	62.73	190.27	3.36E-06	3.95E-06	4.38E-04	8.00E-07	1.69E+05	2.24E+05	3.51E+05	1.06E+03	20
	0.04	38.05	115.40	2.04E-06	2.40E-06	2.66E-04	4.86E-07	1.03E+05	1.36E+05	2.13E+05	6.40E+02	20
	0.08	8.49	25.75	4.55E-07	5.35E-07	5.93E-05	1.08E-07	2.29E+04	3.03E+04	4.76E+04	1.43E+02	20
	0.12	0.70	2.11	3.73E-08	4.39E-08	4.87E-06	8.89E-09	1.90E+03	2.51E+03	3.92E+03	1.17E+01	20
1.0	0.00	28.36	86.02	1.47E-06	1.73E-06	1.98E-04	3.51E-07	7.41E+04	9.82E+04	1.54E+05	4.63E+02	20
	0.07	17.20	52.17	8.94E-07	1.05E-06	1.20E-04	2.13E-07	4.50E+04	5.96E+04	9.35E+04	2.81E+02	20
	0.15	3.84	11.64	1.99E-07	2.35E-07	2.68E-05	4.75E-08	1.00E+04	1.33E+04	2.09E+04	6.26E+01	20
	0.22	0.32	0.96	1.64E-08	1.93E-08	2.20E-06	3.90E-09	8.43E+02	1.11E+03	1.73E+03	5.14E+00	20
1.5	0.00	16.65	50.50	8.65E-07	1.02E-06	1.16E-04	2.06E-07	4.35E+04	5.76E+04	9.04E+04	2.72E+02	20
	0.11	10.10	30.63	5.24E-07	6.17E-07	7.06E-05	1.25E-07	2.64E+04	3.50E+04	5.49E+04	1.65E+02	20
	0.22	2.25	6.83	1.17E-07	1.38E-07	1.58E-05	2.79E-08	5.91E+03	7.81E+03	1.23E+04	3.67E+01	20
	0.32	0.18	0.56	9.60E-09	1.13E-08	1.29E-06	2.29E-09	5.03E+02	6.60E+02	1.02E+03	3.02E+00	20
2.0	0.00	13.00	38.98	6.13E-07	7.49E-07	8.74E-05	1.44E-07	3.08E+04	4.24E+04	5.66E+04	1.70E+02	20
	0.14	7.89	23.64	3.72E-07	4.54E-07	5.30E-05	8.72E-08	1.87E+04	2.57E+04	3.43E+04	1.03E+02	20
	0.28	1.76	5.27	8.29E-08	1.01E-07	1.18E-05	1.95E-08	4.19E+03	5.75E+03	7.68E+03	2.30E+01	20
	0.42	0.14	0.43	6.80E-09	8.32E-09	9.71E-07	1.60E-09	3.62E+02	4.91E+02	6.49E+02	1.89E+00	20
3.0	0.00	7.53	22.58	3.61E-07	4.41E-07	5.06E-05	8.46E-08	1.82E+04	2.50E+04	3.33E+04	1.00E+02	20
	0.20	4.57	13.70	2.19E-07	2.67E-07	3.07E-05	5.13E-08	1.10E+04	1.51E+04	2.02E+04	6.07E+01	20
	0.39	1.02	3.06	4.88E-08	5.97E-08	6.85E-06	1.15E-08	2.47E+03	3.40E+03	4.53E+03	1.35E+01	20
	0.59	0.08	0.25	4.01E-09	4.90E-09	5.62E-07	9.40E-10	2.22E+02	2.97E+02	3.90E+02	1.11E+00	20
4.0	0.00	5.96	17.65	2.65E-07	3.31E-07	3.85E-05	6.12E-08	1.33E+04	1.88E+04	2.14E+04	6.42E+01	20
	0.25	3.62	10.70	1.61E-07	2.01E-07	2.33E-05	3.71E-08	8.09E+03	1.14E+04	1.30E+04	3.90E+01	20
	0.50	0.81	2.39	3.58E-08	4.49E-08	5.21E-06	8.28E-09	1.82E+03	2.56E+03	2.91E+03	8.69E+00	20
	0.75	0.07	0.20	2.94E-09	3.68E-09	4.27E-07	6.79E-10	1.68E+02	2.28E+02	2.58E+02	7.13E-01	20

## State of Texas

1995 Graded Exercise

05-December-1995

REAL TIME: 15:15

RELATIVE TIME: H+08:15

LOCATION		DOSE RATE		AIR CONCENTRATION				AIR SAMPLE CPM		GROUND DEPOSITION		BACKGROUN
DOWN	DIST.	CLOSED	OPEN	GROSS	GROSS	NOBLE	IODINE	GROSS	GROSS	GROSS	NET	BACKGROUN
WIND	OFF	WINDOW	WINDOW	IODINE	PART.	GAS	131	IODINE	PART.	DEPOSIT.	GROUND	COUNT
DIST	CENT.	DOSE R.	DOSE R.	ACTIVITY	ACTIVITY	ACTIVITY	ACTIVITY	COUNT R.	COUNT R.	COUNT R.	DEPOSIT.	RATE
(MI)	(MI)	(MR/HR)	(MR/HR)	(UCI/CC)	(UCI/CC)	(UCI/CC)	(UCI/CC)	(CPM)	(CPM)	(CPM)	(UCI/M2)	(CPM)
5.0	0.00	4.97	14.53	2.06E-07	2.69E-07	3.08E-05	4.68E-08	1.04E+04	1.52E+04	1.51E+04	4.52E+01	20
	0.30	3.02	8.81	1.25E-07	1.63E-07	1.87E-05	2.84E-08	6.30E+03	9.26E+03	9.16E+03	2.74E+01	20
	0.60	0.67	1.97	2.79E-08	3.64E-08	4.17E-06	6.33E-09	1.42E+03	2.08E+03	2.06E+03	6.12E+00	20
	0.89	0.06	0.16	2.29E-09	2.99E-09	3.42E-07	5.20E-10	1.35E+02	1.89E+02	1.87E+02	5.02E-01	20
6.0	0.00	3.94	11.52	1.66E-07	2.17E-07	2.44E-05	3.76E-08	8.35E+03	1.23E+04	1.21E+04	3.64E+01	20
	0.34	2.39	6.99	1.00E-07	1.31E-07	1.48E-05	2.28E-08	5.07E+03	7.45E+03	7.37E+03	2.21E+01	20
	0.69	0.53	1.56	2.24E-08	2.93E-08	3.30E-06	5.09E-09	1.15E+03	1.68E+03	1.66E+03	4.92E+00	20
	1.03	0.04	0.13	1.84E-09	2.41E-09	2.71E-07	4.18E-10	1.13E+02	1.56E+02	1.55E+02	4.04E-01	20
7.0	0.00	3.64	10.50	1.43E-07	1.94E-07	2.16E-05	3.20E-08	7.23E+03	1.10E+04	9.43E+03	2.83E+01	20
	0.38	2.21	6.37	8.69E-08	1.18E-07	1.31E-05	1.94E-08	4.39E+03	6.68E+03	5.73E+03	1.71E+01	20
	0.77	0.49	1.42	1.94E-08	2.63E-08	2.93E-06	4.33E-09	9.95E+02	1.51E+03	1.29E+03	3.83E+00	20
	1.15	0.04	0.12	1.59E-09	2.16E-09	2.40E-07	3.56E-10	1.00E+02	1.42E+02	1.25E+02	3.14E-01	20
8.0	0.00	3.09	8.90	1.23E-07	1.67E-07	1.83E-05	2.75E-08	6.21E+03	9.45E+03	8.10E+03	2.43E+01	20
	0.42	1.87	5.40	7.46E-08	1.01E-07	1.11E-05	1.67E-08	3.77E+03	5.74E+03	4.92E+03	1.47E+01	20
	0.85	0.42	1.20	1.66E-08	2.25E-08	2.48E-06	3.72E-09	8.57E+02	1.30E+03	1.11E+03	3.28E+00	20
	1.27	0.03	0.10	1.37E-09	1.85E-09	2.04E-07	3.05E-10	8.87E+01	1.25E+02	1.10E+02	2.70E-01	20
9.0	0.00	3.02	8.57	1.13E-07	1.56E-07	1.72E-05	2.48E-08	5.69E+03	8.84E+03	6.60E+03	1.98E+01	20
	0.46	1.83	5.20	6.84E-08	9.46E-08	1.04E-05	1.50E-08	3.46E+03	5.37E+03	4.01E+03	1.20E+01	20
	0.92	0.41	1.16	1.53E-08	2.11E-08	2.32E-06	3.35E-09	7.88E+02	1.21E+03	9.11E+02	2.68E+00	20
	1.38	0.03	0.10	1.25E-09	1.73E-09	1.91E-07	2.75E-10	8.30E+01	1.18E+02	9.31E+01	2.20E-01	20
10.0	0.00	2.91	8.13	1.02E-07	1.45E-07	1.58E-05	2.20E-08	5.15E+03	8.22E+03	5.44E+03	1.63E+01	20
	0.50	1.76	4.93	6.19E-08	8.79E-08	9.60E-06	1.33E-08	3.13E+03	4.99E+03	3.31E+03	9.87E+00	20
	0.99	0.39	1.10	1.38E-08	1.96E-08	2.14E-06	2.98E-09	7.15E+02	1.13E+03	7.54E+02	2.20E+00	20
	1.49	0.03	0.09	1.13E-09	1.61E-09	1.76E-07	2.44E-10	7.70E+01	1.11E+02	8.02E+01	1.81E-01	20

1995 Graded Exercise

# State of Texas

1995 Graded Exercise

06-December-1995

REAL TIME: 15:30

RELATIVE TIME: H+08:30

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## OFFSITE RADIOLOGICAL SURVEY DATA

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### -----METEOROLOGICAL DATA-----

WIND SPEED (MPH)	12.00
DELTA-T (DEG. F/50M)	-1.30
STABILITY CLASS (PASQUILL)	D
WIND DIRECTION (DEGREES)	252.0
PLUME TRAVEL (MI)	5.636E+01
PLUME TRAILING EDGE (MI)	0.000E+00

### -----RELEASE DATA-----

NOBLE GAS (CI/SEC)	2.142E+01
IODINE (CI/SEC)	1.700E-01
PARTICULATE (CI/SEC)	1.915E-01
TOTAL (CI/SEC)	2.179E+01
AVERAGE GAMMA (MEV/DIS)	0.25
AVERAGE BETA (MEV/DIS)	0.19

1995 Graded Exercise

LOCATION		DOSE RATE		AIR CONCENTRATION				AIR SAMPLE CPM		GROUND DEPOSITION		BACKGROUN
DOWN	DIST.	CLOSED	OPEN	GROSS	GROSS	NOBLE	IODINE	GROSS	GROSS	GROSS	NET	BACKGROUN
WIND	OFF	WINDOW	WINDOW	IODINE	PART.	GAS	131	IODINE	PART.	DEPOSIT.	GROUND	COUNT
DIST	CENT.	DOSE R.	DOSE R.	ACTIVITY	ACTIVITY	ACTIVITY	ACTIVITY	COUNT R.	COUNT R.	COUNT R.	(EPOSIT.	RATE
(MI)	(MI)	(MR/HR)	(MR/HR)	(UCI/CC)	(UCI/CC)	(UCI/CC)	(UCI/CC)	(CPM)	(CPM)	(CPM)	(ICI/M2)	(CPM)
0.5	0.00	50.04	153.49	2.78E-06	3.13E-06	3.64E-04	6.72E-07	1.40E+05	1.77E+05	3.50E+05	1.05E+03	20
	0.04	30.35	93.10	1.69E-06	1.90E-06	2.21E-04	4.07E-07	8.48E+04	1.07E+05	2.12E+05	6.37E+02	20
	0.08	6.77	20.77	3.76E-07	4.24E-07	4.92E-05	9.09E-08	1.89E+04	2.40E+04	4.73E+04	1.42E+02	20
	0.12	0.56	1.71	3.09E-08	3.48E-08	4.04E-06	7.46E-09	1.57E+03	1.99E+03	3.90E+03	1.17E+01	20
1.0	0.00	22.63	69.40	1.22E-06	1.37E-06	1.65E-04	2.95E-07	6.13E+04	7.77E+04	1.53E+05	4.61E+02	20
	0.07	13.72	42.09	7.39E-07	8.33E-07	9.98E-05	1.79E-07	3.72E+04	4.72E+04	9.30E+04	2.79E+02	20
	0.15	3.06	9.39	1.65E-07	1.86E-07	2.23E-05	3.99E-08	8.31E+03	1.05E+04	2.08E+04	6.23E+01	20
	0.22	0.25	0.77	1.35E-08	1.53E-08	1.83E-06	3.27E-09	7.01E+02	8.83E+02	1.72E+03	5.12E+00	20
1.5	0.00	13.28	40.74	7.15E-07	8.06E-07	9.66E-05	1.73E-07	3.60E+04	4.56E+04	9.00E+04	2.70E+02	20
	0.11	8.06	24.71	4.34E-07	4.89E-07	5.86E-05	1.05E-07	2.18E+04	2.77E+04	5.46E+04	1.64E+02	20
	0.22	1.80	5.51	9.68E-08	1.09E-07	1.31E-05	2.34E-08	4.89E+03	6.19E+03	1.22E+04	3.66E+01	20
	0.32	0.15	0.45	7.94E-09	8.95E-09	1.07E-06	1.92E-09	4.20E+02	5.27E+02	1.02E+03	3.00E+00	20
2.0	0.00	10.31	31.28	5.04E-07	5.94E-07	7.21E-05	1.20E-07	2.54E+04	3.36E+04	5.64E+04	1.69E+02	20
	0.14	6.25	18.97	3.06E-07	3.60E-07	4.38E-05	7.28E-08	1.54E+04	2.04E+04	3.42E+04	1.03E+02	20
	0.28	1.40	4.23	6.82E-08	8.04E-08	9.76E-06	1.62E-08	3.45E+03	4.57E+03	7.65E+03	2.29E+01	20
	0.42	0.11	0.35	5.60E-09	6.60E-09	8.01E-07	1.33E-09	3.02E+02	3.93E+02	6.47E+02	1.88E+00	20
3.0	0.00	5.97	18.12	2.97E-07	3.50E-07	4.18E-05	7.07E-08	1.49E+04	1.98E+04	3.32E+04	9.97E+01	20
	0.20	3.62	10.99	1.80E-07	2.12E-07	2.53E-05	4.29E-08	9.07E+03	1.20E+04	2.02E+04	6.05E+01	20
	0.39	0.81	2.45	4.02E-08	4.73E-08	5.66E-06	9.57E-09	2.04E+03	2.70E+03	4.51E+03	1.35E+01	20
	0.59	0.07	0.20	3.30E-09	3.88E-09	4.64E-07	7.85E-10	1.86E+02	2.40E+02	3.89E+02	1.11E+00	20
4.0	0.00	4.70	14.09	2.17E-07	2.65E-07	3.16E-05	5.08E-08	1.09E+04	1.50E+04	2.14E+04	6.42E+01	20
	0.25	2.85	8.55	1.31E-07	1.61E-07	1.92E-05	3.08E-08	6.63E+03	9.11E+03	1.30E+04	3.89E+01	20
	0.50	0.64	1.91	2.93E-08	3.59E-08	4.28E-06	6.88E-09	1.49E+03	2.05E+03	2.91E+03	8.69E+00	20
	0.75	0.05	0.16	2.41E-09	2.94E-09	3.51E-07	5.65E-10	1.41E+02	1.87E+02	2.57E+02	7.13E-01	20

# State of Texas

1995 Graded Exercise

06-December-1995

REAL TIME: 15:30

RELATIVE TIME: H+08:30

LOCATION		DOSE RATE		AIR CONCENTRATION				AIR SAMPLE CPM		GROUND DEPOSITION		BACKGROUN
DOWN	DIST.	CLOSED	OPEN	GROSS	GROSS	NOBLE	IODINE	GROSS	GROSS	GROSS	NET	BACKGROUN
WIND	OFF	WINDOW	WINDOW	IODINE	PART.	GAS	131	IODINE	PART.	DEPOSIT.	GROUND	COUNT
DIST	CENT.	DOSE R.	DOSE R.	ACTIVITY	ACTIVITY	ACTIVITY	ACTIVITY	COUNT R.	COUNT R.	COUNT R.	DEPOSIT.	RATE
(MI)	(MI)	(MR/HR)	(MR/HR)	(UCI/CC)	(UCI/CC)	(UCI/CC)	(UCI/CC)	(CPM)	(CPM)	(CPM)	(UCI/M2)	(CPM)
5.0	0.00	4.08	12.06	1.75E-07	2.20E-07	2.63E-05	4.05E-08	8.84E+03	1.25E+04	1.51E+04	4.54E+01	20
	0.30	2.47	7.32	1.06E-07	1.33E-07	1.60E-05	2.46E-08	5.37E+03	7.56E+03	9.19E+03	2.75E+01	20
	0.60	0.55	1.63	2.37E-08	2.97E-08	3.56E-06	5.48E-09	1.21E+03	1.70E+03	2.07E+03	6.14E+00	20
	0.89	0.05	0.13	1.95E-09	2.44E-09	2.92E-07	4.50E-10	1.18E+02	1.58E+02	1.88E+02	5.04E-01	20
6.0	0.00	3.23	9.56	1.41E-07	1.77E-07	2.09E-05	3.26E-08	7.11E+03	1.00E+04	1.22E+04	3.65E+01	20
	0.34	1.96	5.80	8.55E-08	1.07E-07	1.27E-05	1.98E-08	4.32E+03	6.09E+03	7.39E+03	2.21E+01	20
	0.69	0.44	1.29	1.91E-08	2.39E-08	2.82E-06	4.41E-09	9.80E+02	1.37E+03	1.67E+03	4.94E+00	20
	1.03	0.04	0.11	1.57E-09	1.96E-09	2.32E-07	3.62E-10	9.88E+01	1.31E+02	1.55E+02	4.06E-01	20
7.0	0.00	2.97	8.67	1.21E-07	1.59E-07	1.84E-05	2.76E-08	6.12E+03	9.00E+03	9.49E+03	2.84E+01	20
	0.38	1.80	5.26	7.36E-08	9.63E-08	1.11E-05	1.67E-08	3.72E+03	5.47E+03	5.72E+03	1.72E+01	20
	0.77	0.40	1.17	1.64E-08	2.15E-08	2.49E-06	3.73E-09	8.46E+02	1.24E+03	1.30E+03	3.85E+00	20
	1.15	0.03	0.10	1.35E-09	1.76E-09	2.04E-07	3.06E-10	8.78E+01	1.20E+02	1.25E+02	3.16E-01	20
8.0	0.00	2.52	7.35	1.04E-07	1.36E-07	1.56E-05	2.37E-08	5.26E+03	7.73E+03	8.15E+03	2.44E+01	20
	0.42	1.53	4.46	6.32E-08	8.27E-08	9.45E-06	1.44E-08	3.20E+03	4.70E+03	4.95E+03	1.48E+01	20
	0.85	0.34	0.99	1.41E-08	1.84E-08	2.11E-06	3.20E-09	7.29E+02	1.06E+03	1.12E+03	3.30E+00	20
	1.27	0.03	0.08	1.16E-09	1.51E-09	1.73E-07	2.63E-10	7.82E+01	1.06E+02	1.10E+02	2.71E-01	20
9.0	0.00	2.44	7.04	9.50E-08	1.29E-07	1.45E-05	2.12E-08	4.80E+03	7.30E+03	6.67E+03	2.00E+01	20
	0.46	1.48	4.27	5.76E-08	7.81E-08	8.80E-06	1.29E-08	2.92E+03	4.44E+03	4.05E+03	1.21E+01	20
	0.92	0.33	0.95	1.29E-08	1.74E-08	1.96E-06	2.87E-09	6.66E+02	1.01E+03	9.20E+02	2.70E+00	20
	1.38	0.03	0.08	1.05E-09	1.43E-09	1.61E-07	2.36E-10	7.31E+01	1.01E+02	9.39E+01	2.22E-01	20
10.0	0.00	2.43	6.90	8.87E-08	1.23E-07	1.38E-05	1.95E-08	4.48E+03	6.97E+03	5.53E+03	1.65E+01	20
	0.50	1.47	4.18	5.38E-08	7.45E-08	8.38E-06	1.18E-08	2.73E+03	4.23E+03	3.36E+03	1.00E+01	20
	0.99	0.33	0.93	1.20E-08	1.66E-08	1.87E-06	2.64E-09	6.24E+02	9.60E+02	7.66E+02	2.24E+00	20
	1.49	0.03	0.08	9.86E-10	1.36E-09	1.53E-07	2.17E-10	6.96E+01	9.72E+01	8.12E+01	1.84E-01	20

1995 Graded Exercise



## State of Texas

1995 Graded Exercise

06-December-1995

REAL TIME: 15:45

RELATIVE TIME: H+08:45

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## OFFSITE RADIOLOGICAL SURVEY DATA

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## -----METEOROLOGICAL DATA-----

WIND SPEED (MPH)	12.00
DELTA-T (DEG. F/50M)	-1.40
STABILITY CLASS (PASQUILL)	C
WIND DIRECTION (DEGREES)	252.0
PLUME TRAVEL (MI)	5.937E+01
PLUME TRAILING EDGE (MI)	0.000E+00

## -----RELEASE DATA-----

NOBLE GAS (CI/SEC)	1.950E+01
IODINE (CI/SEC)	1.543E-01
PARTICULATE (CI/SEC)	1.656E-01
TOTAL (CI/SEC)	1.982E+01
AVERAGE GAMMA (MEV/DIS)	0.24
AVERAGE BETA (MEV/DIS)	0.19

1995 Graded Exercise

LOCATION		DOSE RATE		AIR CONCENTRATION				AIR SAMPLE CPM		GROUND DEPOSITION		BACKGROUND
DOWN	DIST.	CLOSED	OPEN	GROSS	GROSS	NOBLE	IODINE	GROSS	GROSS	GROSS	NET	BACKGROUND
WIND	OFF	WINDOW	WINDOW	IODINE	PART.	GAS	131	IODINE	PART.	DEPOSIT.	GROUND	COUNT
DIST	CENT.	DOSE R.	DOSE R.	ACTIVITY	ACTIVITY	ACTIVITY	ACTIVITY	COUNT R.	COUNT R.	COUNT R.	DEPOSIT.	RATE
(MI)	(MI)	(MR/HR)	(MR/HR)	(UCI/CC)	(UCI/CC)	(UCI/CC)	(UCI/CC)	(CPM)	(CPM)	(CPM)	(UCI/M2)	(CPM)
0.5	0.00	0.00	0.00	<LLD	<LLD	<LLD	<LLD	2.00E+01	2.00E+01	2.00E+01	<LLD	20
	0.00	0.00	0.00	<LLD	<LLD	<LLD	<LLD	2.00E+01	2.00E+01	2.00E+01	<LLD	20
	0.00	0.00	0.00	<LLD	<LLD	<LLD	<LLD	2.00E+01	2.00E+01	2.00E+01	<LLD	20
	0.00	0.00	0.00	<LLD	<LLD	<LLD	<LLD	2.00E+01	2.00E+01	2.00E+01	<LLD	20
1.0	0.00	0.00	0.00	<LLD	<LLD	<LLD	<LLD	2.00E+01	2.00E+01	2.00E+01	<LLD	20
	0.00	0.00	0.00	<LLD	<LLD	<LLD	<LLD	2.00E+01	2.00E+01	2.00E+01	<LLD	20
	0.00	0.00	0.00	<LLD	<LLD	<LLD	<LLD	2.00E+01	2.00E+01	2.00E+01	<LLD	20
	0.00	0.00	0.00	<LLD	<LLD	<LLD	<LLD	2.00E+01	2.00E+01	2.00E+01	<LLD	20
1.5	0.00	0.00	0.00	<LLD	<LLD	<LLD	<LLD	2.00E+01	2.00E+01	2.00E+01	<LLD	20
	0.00	0.00	0.00	<LLD	<LLD	<LLD	<LLD	2.00E+01	2.00E+01	2.00E+01	<LLD	20
	0.00	0.00	0.00	<LLD	<LLD	<LLD	<LLD	2.00E+01	2.00E+01	2.00E+01	<LLD	20
	0.00	0.00	0.00	<LLD	<LLD	<LLD	<LLD	2.00E+01	2.00E+01	2.00E+01	<LLD	20
2.0	0.00	0.00	0.00	<LLD	<LLD	<LLD	<LLD	2.00E+01	2.00E+01	2.00E+01	<LLD	20
	0.00	0.00	0.00	<LLD	<LLD	<LLD	<LLD	2.00E+01	2.00E+01	2.00E+01	<LLD	20
	0.00	0.00	0.00	<LLD	<LLD	<LLD	<LLD	2.00E+01	2.00E+01	2.00E+01	<LLD	20
	0.00	0.00	0.00	<LLD	<LLD	<LLD	<LLD	2.00E+01	2.00E+01	2.00E+01	<LLD	20
3.0	0.00	0.00	0.00	<LLD	<LLD	<LLD	<LLD	2.00E+01	2.00E+01	2.00E+01	<LLD	20
	0.00	0.00	0.00	<LLD	<LLD	<LLD	<LLD	2.00E+01	2.00E+01	2.00E+01	<LLD	20
	0.00	0.00	0.00	<LLD	<LLD	<LLD	<LLD	2.00E+01	2.00E+01	2.00E+01	<LLD	20
	0.00	0.00	0.00	<LLD	<LLD	<LLD	<LLD	2.00E+01	2.00E+01	2.00E+01	<LLD	20
4.0	0.00	0.00	0.00	<LLD	<LLD	<LLD	<LLD	2.00E+01	2.00E+01	2.00E+01	<LLD	20
	0.00	0.00	0.00	<LLD	<LLD	<LLD	<LLD	2.00E+01	2.00E+01	2.00E+01	<LLD	20
	0.00	0.00	0.00	<LLD	<LLD	<LLD	<LLD	2.00E+01	2.00E+01	2.00E+01	<LLD	20
	0.00	0.00	0.00	<LLD	<LLD	<LLD	<LLD	2.00E+01	2.00E+01	2.00E+01	<LLD	20



State of Texas

1995 Graded Exercise

06-December-1995

REAL TIME: 15:45

RELATIVE TIME: H+08:45

LOCATION		DOSE RATE		AIR CONCENTRATION				AIR SAMPLE CPM		GROUND DEPOSITION		BACKGROUN
DOWN	DIST.	CLOSED	OPEN	GROSS	GROSS	MOBLE	IODINE	GROSS	GROSS	GROSS	NET	BACKGROUN
WIND	OFF	WINDOW	WINDOW	IODINE	PART.	GAS	131	IODINE	PART.	DEPOSIT.	GROUND	COUNT
DIST	CENT.	DOSE R.	DOSE R.	ACTIVITY	ACTIVITY	ACTIVITY	ACTIVITY	COUNT R.	COUNT R.	COUNT R.	DEPOSIT.	RATE
(MI)	(MI)	(MR/HR)	(MR/HR)	(UCI/CC)	(UCI/CC)	(UCI/CC)	(UCI/CC)	(CPM)	(CPM)	(CPM)	(UCI/M2)	(CPM)
5.0	0.00	0.00	0.00	<LLD	<LLD	<LLD	<LLD	2.00E+01	2.00E+01	2.00E+01	<LLD	20
	0.00	0.00	0.00	<LLD	<LLD	<LLD	<LLD	2.00E+01	2.00E+01	2.00E+01	<LLD	20
	0.00	0.00	0.00	<LLD	<LLD	<LLD	<LLD	2.00E+01	2.00E+01	2.00E+01	<LLD	20
	0.00	0.00	0.00	<LLD	<LLD	<LLD	<LLD	2.00E+01	2.00E+01	2.00E+01	<LLD	20
6.0	0.00	0.00	0.00	<LLD	<LLD	<LLD	<LLD	2.00E+01	2.00E+01	2.00E+01	<LLD	20
	0.00	0.00	0.00	<LLD	<LLD	<LLD	<LLD	2.00E+01	2.00E+01	2.00E+01	<LLD	20
	0.00	0.00	0.00	<LLD	<LLD	<LLD	<LLD	2.00E+01	2.00E+01	2.00E+01	<LLD	20
	0.00	0.00	0.00	<LLD	<LLD	<LLD	<LLD	2.00E+01	2.00E+01	2.00E+01	<LLD	20
7.0	0.00	0.00	0.00	<LLD	<LLD	<LLD	<LLD	2.00E+01	2.00E+01	2.00E+01	<LLD	20
	0.00	0.00	0.00	<LLD	<LLD	<LLD	<LLD	2.00E+01	2.00E+01	2.00E+01	<LLD	20
	0.00	0.00	0.00	<LLD	<LLD	<LLD	<LLD	2.00E+01	2.00E+01	2.00E+01	<LLD	20
	0.00	0.00	0.00	<LLD	<LLD	<LLD	<LLD	2.00E+01	2.00E+01	2.00E+01	<LLD	20
8.0	0.00	0.00	0.00	<LLD	<LLD	<LLD	<LLD	2.00E+01	2.00E+01	2.00E+01	<LLD	20
	0.00	0.00	0.00	<LLD	<LLD	<LLD	<LLD	2.00E+01	2.00E+01	2.00E+01	<LLD	20
	0.00	0.00	0.00	<LLD	<LLD	<LLD	<LLD	2.00E+01	2.00E+01	2.00E+01	<LLD	20
	0.00	0.00	0.00	<LLD	<LLD	<LLD	<LLD	2.00E+01	2.00E+01	2.00E+01	<LLD	20
9.0	0.00	0.00	0.00	<LLD	<LLD	<LLD	<LLD	2.00E+01	2.00E+01	2.00E+01	<LLD	20
	0.00	0.00	0.00	<LLD	<LLD	<LLD	<LLD	2.00E+01	2.00E+01	2.00E+01	<LLD	20
	0.00	0.00	0.00	<LLD	<LLD	<LLD	<LLD	2.00E+01	2.00E+01	2.00E+01	<LLD	20
	0.00	0.00	0.00	<LLD	<LLD	<LLD	<LLD	2.00E+01	2.00E+01	2.00E+01	<LLD	20
10.0	0.00	0.00	0.00	<LLD	<LLD	<LLD	<LLD	2.00E+01	2.00E+01	2.00E+01	<LLD	20
	0.00	0.00	0.00	<LLD	<LLD	<LLD	<LLD	2.00E+01	2.00E+01	2.00E+01	<LLD	20
	0.00	0.00	0.00	<LLD	<LLD	<LLD	<LLD	2.00E+01	2.00E+01	2.00E+01	<LLD	20
	0.00	0.00	0.00	<LLD	<LLD	<LLD	<LLD	2.00E+01	2.00E+01	2.00E+01	<LLD	20

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## State of Texas

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\*\*\*\*\*  
OFFSITE RADIOLOGICAL SURVEY DATA  
\*\*\*\*\*

## -----METEOROLOGICAL DATA-----

WIND SPEED (MPH) 12.00  
 DELTA-T (DEG. F/50M) -1.40  
 STABILITY CLASS (PASQUILL) C  
 WIND DIRECTION (DEGREES) 252.0  
 PLUME TRAVEL (MI) 6.237E+01  
 PLUME TRAILING EDGE (MI) 0.000E+00

## -----RELEASE DATA-----

NOBLE GAS (CI/SEC) 1.785E+01  
 IODINE (CI/SEC) 1.407E-01  
 PARTICULATE (CI/SEC) 1.438E-01  
 TOTAL (CI/SEC) 1.814E+01  
 AVERAGE GAMMA (MEV/DIS) 0.23  
 AVERAGE BETA (MEV/DIS) 0.19

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LOCATION		DOSE RATE		AIR CONCENTRATION				AIR SAMPLE CPM		GROUND DEPOSITION		BACKGROUND
DOWN	DIST.	CLOSED	OPEN	GROSS	GROSS	NOBLE	IODINE	GROSS	GROSS	GROSS	NET	BACKGROUND
WIND	OFF	WINDOW	WINDOW	IODINE	PART.	GAS	131	IODINE	PART.	DEPOSIT.	GROUND	COUNT
DIST	CENT.	DOSE R.	DOSE R.	ACTIVITY	ACTIVITY	ACTIVITY	ACTIVITY	COUNT R.	COUNT R.	COUNT R.	DEPOSIT.	RATE
(MI)	(MI)	(MR/HR)	(MR/HR)	(UCI/CC)	(UCI/CC)	(UCI/CC)	(UCI/CC)	(CPM)	(CPM)	(CPM)	(UCI/M2)	(CPM)
0.5	0.00	0.00	0.00	<LLD	<LLD	<LLD	<LLD	2.00E+01	2.00E+01	2.00E+01	<LLD	20
	0.00	0.00	0.00	<LLD	<LLD	<LLD	<LLD	2.00E+01	2.00E+01	2.00E+01	<LLD	20
	0.00	0.00	0.00	<LLD	<LLD	<LLD	<LLD	2.00E+01	2.00E+01	2.00E+01	<LLD	20
	0.00	0.00	0.00	<LLD	<LLD	<LLD	<LLD	2.00E+01	2.00E+01	2.00E+01	<LLD	20
1.0	0.00	0.00	0.00	<LLD	<LLD	<LLD	<LLD	2.00E+01	2.00E+01	2.00E+01	<LLD	20
	0.00	0.00	0.00	<LLD	<LLD	<LLD	<LLD	2.00E+01	2.00E+01	2.00E+01	<LLD	20
	0.00	0.00	0.00	<LLD	<LLD	<LLD	<LLD	2.00E+01	2.00E+01	2.00E+01	<LLD	20
	0.00	0.00	0.00	<LLD	<LLD	<LLD	<LLD	2.00E+01	2.00E+01	2.00E+01	<LLD	20
1.5	0.00	0.00	0.00	<LLD	<LLD	<LLD	<LLD	2.00E+01	2.00E+01	2.00E+01	<LLD	20
	0.00	0.00	0.00	<LLD	<LLD	<LLD	<LLD	2.00E+01	2.00E+01	2.00E+01	<LLD	20
	0.00	0.00	0.00	<LLD	<LLD	<LLD	<LLD	2.00E+01	2.00E+01	2.00E+01	<LLD	20
	0.00	0.00	0.00	<LLD	<LLD	<LLD	<LLD	2.00E+01	2.00E+01	2.00E+01	<LLD	20
2.0	0.00	0.00	0.00	<LLD	<LLD	<LLD	<LLD	2.00E+01	2.00E+01	2.00E+01	<LLD	20
	0.00	0.00	0.00	<LLD	<LLD	<LLD	<LLD	2.00E+01	2.00E+01	2.00E+01	<LLD	20
	0.00	0.00	0.00	<LLD	<LLD	<LLD	<LLD	2.00E+01	2.00E+01	2.00E+01	<LLD	20
	0.00	0.00	0.00	<LLD	<LLD	<LLD	<LLD	2.00E+01	2.00E+01	2.00E+01	<LLD	20
3.0	0.00	0.00	0.00	<LLD	<LLD	<LLD	<LLD	2.00E+01	2.00E+01	2.00E+01	<LLD	20
	0.00	0.00	0.00	<LLD	<LLD	<LLD	<LLD	2.00E+01	2.00E+01	2.00E+01	<LLD	20
	0.00	0.00	0.00	<LLD	<LLD	<LLD	<LLD	2.00E+01	2.00E+01	2.00E+01	<LLD	20
	0.00	0.00	0.00	<LLD	<LLD	<LLD	<LLD	2.00E+01	2.00E+01	2.00E+01	<LLD	20
4.0	0.00	0.00	0.00	<LLD	<LLD	<LLD	<LLD	2.00E+01	2.00E+01	2.00E+01	<LLD	20
	0.00	0.00	0.00	<LLD	<LLD	<LLD	<LLD	2.00E+01	2.00E+01	2.00E+01	<LLD	20
	0.00	0.00	0.00	<LLD	<LLD	<LLD	<LLD	2.00E+01	2.00E+01	2.00E+01	<LLD	20
	0.00	0.00	0.00	<LLD	<LLD	<LLD	<LLD	2.00E+01	2.00E+01	2.00E+01	<LLD	20

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LOCATION		DOSE RATE		AIR CONCENTRATION				AIR SAMPLE CPM		GROUND DEPOSITION		BACKGROUND
DOWN WIND DIST	DIST. OFF CENT. (MI)	CLOSED WINDOW DOSE R. (MR/HR)	OPEN WINDOW DOSE R. (MR/HR)	GROSS IODINE ACTIVITY (UCI/CC)	GROSS PART. ACTIVITY (UCI/CC)	NOBLE GAS ACTIVITY (UCI/CC)	IODINE 131 ACTIVITY (UCI/CC)	GROSS IODINE COUNT R. (CPM)	GROSS PART. COUNT R. (CPM)	GROSS DEPOSIT. COUNT R. (CPM)	NET GROUND DEPOSIT. (UCI/M2)	BACKGROUND COUNT RATE (CPM)
5.0	0.00	0.00	0.00	<LLD	<LLD	<LLD	<LLD	2.00E+01	2.00E+01	2.00E+01	<LLD	20
	0.00	0.00	0.00	<LLD	<LLD	<LLD	<LLD	2.00E+01	2.00E+01	2.00E+01	<LLD	20
	0.00	0.00	0.00	<LLD	<LLD	<LLD	<LLD	2.00E+01	2.00E+01	2.00E+01	<LLD	20
	0.00	0.00	0.00	<LLD	<LLD	<LLD	<LLD	2.00E+01	2.00E+01	2.00E+01	<LLD	20
6.0	0.00	0.00	0.00	<LLD	<LLD	<LLD	<LLD	2.00E+01	2.00E+01	2.00E+01	<LLD	20
	0.00	0.00	0.00	<LLD	<LLD	<LLD	<LLD	2.00E+01	2.00E+01	2.00E+01	<LLD	20
	0.00	0.00	0.00	<LLD	<LLD	<LLD	<LLD	2.00E+01	2.00E+01	2.00E+01	<LLD	20
	0.00	0.00	0.00	<LLD	<LLD	<LLD	<LLD	2.00E+01	2.00E+01	2.00E+01	<LLD	20
7.0	0.00	0.00	0.00	<LLD	<LLD	<LLD	<LLD	2.00E+01	2.00E+01	2.00E+01	<LLD	20
	0.00	0.00	0.00	<LLD	<LLD	<LLD	<LLD	2.00E+01	2.00E+01	2.00E+01	<LLD	20
	0.00	0.00	0.00	<LLD	<LLD	<LLD	<LLD	2.00E+01	2.00E+01	2.00E+01	<LLD	20
	0.00	0.00	0.00	<LLD	<LLD	<LLD	<LLD	2.00E+01	2.00E+01	2.00E+01	<LLD	20
8.0	0.00	0.00	0.00	<LLD	<LLD	<LLD	<LLD	2.00E+01	2.00E+01	2.00E+01	<LLD	20
	0.00	0.00	0.00	<LLD	<LLD	<LLD	<LLD	2.00E+01	2.00E+01	2.00E+01	<LLD	20
	0.00	0.00	0.00	<LLD	<LLD	<LLD	<LLD	2.00E+01	2.00E+01	2.00E+01	<LLD	20
	0.00	0.00	0.00	<LLD	<LLD	<LLD	<LLD	2.00E+01	2.00E+01	2.00E+01	<LLD	20
9.0	0.00	0.00	0.00	<LLD	<LLD	<LLD	<LLD	2.00E+01	2.00E+01	2.00E+01	<LLD	20
	0.00	0.00	0.00	<LLD	<LLD	<LLD	<LLD	2.00E+01	2.00E+01	2.00E+01	<LLD	20
	0.00	0.00	0.00	<LLD	<LLD	<LLD	<LLD	2.00E+01	2.00E+01	2.00E+01	<LLD	20
	0.00	0.00	0.00	<LLD	<LLD	<LLD	<LLD	2.00E+01	2.00E+01	2.00E+01	<LLD	20
10.0	0.00	0.00	0.00	<LLD	<LLD	<LLD	<LLD	2.00E+01	2.00E+01	2.00E+01	<LLD	20
	0.00	0.00	0.00	<LLD	<LLD	<LLD	<LLD	2.00E+01	2.00E+01	2.00E+01	<LLD	20
	0.00	0.00	0.00	<LLD	<LLD	<LLD	<LLD	2.00E+01	2.00E+01	2.00E+01	<LLD	20
	0.00	0.00	0.00	<LLD	<LLD	<LLD	<LLD	2.00E+01	2.00E+01	2.00E+01	<LLD	20

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