

10:45 AM
Field
Monitoring
Data

SITE: PLANT HATCH

TITLE: FIELD MONITOR GAMMA + BETA DOSE RATE

PERIOD: 0.25 HOUR PROJECTION SCALE: 1.0 MILES

MENU B

MODEL: PROJECTED-PLUME SEGMENT

CURRENT TIME: 08/20/03 10:32

RUN TIME: 08/20/03 10:30

MET: FROM SCENARIO 10

CUR MET: WS= 5MPH, WD= 83, ST=D

END DATE OF 15 MINUTE RATE

COMPUTATION: 08/20/03 10:38

START RELEASE: 08/20/03 07:23

END RELEASE: 08/20/03 10:38

RELEASE: MONITOR VALUES FROM

SCENARIO 10 - ACCIDENT TYPE 03

CUR REL RATE(CI/SEC): 3.0E-03

TOTAL CI: NG:1.5E+01, I:1.3E-01



P:3.0E-03

PEAK GAM&B (MREM/HR) : 8.6E-03

DIR(TO): W DIST(MILES): 1.6



CONTOUR LEGEND
 GAM+BETA OPEN WIN FRISKER
 (MR/HR) (MR/HR) (CPM)

1		1.0E-02	1.0E-02	3.6E+01
2		1.0E-03	1.0E-03	3.6E+00

POINT OF INTEREST

MAP FEATURES

SELECT AREA

RESTORE

CONTINUE

SITE: PLANT HATCH
 TITLE: FIELD MONITOR GAMMA DOSE RATE
 PERIOD: 0.25 HOUR PROJECTION

SCALE: 0.25 MILES



MENU B
 MODEL: PROJECTED-PLUME SEGMENT
 CURRENT TIME: 08/20/03 10:33
 RUN TIME: 08/20/03 10:30
 MET: FROM SCENARIO 10
 CUR MET: WS= 5MPH, WD= 83, ST=D
 END DATE OF 15 MINUTE RATE
 COMPUTATION: 08/20/03 10:38
 START RELEASE: 08/20/03 07:23
 END RELEASE: 08/20/03 10:38
 RELEASE: MONITOR VALUES FROM
 SCENARIO 10 - ACCIDENT TYPE 03
 CUR REL RATE(CI/SEC): 3.0E-03
 TOTAL CI: NG:1.5E+01, I:1.3E-01
 P:3.0E-03

PEAK GAMMA (MREM/HR) : 6.3E-03
 DIR(TO): W DIST(MILES): 0.9

CONTOUR LEGEND

GAM RATE (MR/HR)	CLSD WIN (MR/HR)	FRISKER (CPM)
1.0E-03	1.0E-03	3.6E+00

POINT OF INTEREST

MAP FEATURES

SELECT AREA

RESTORE

CONTINUE

SITE: PLANT HATCH

TITLE: FIELD MONITOR THYROID DOSE RATE
PERIOD: 0.25 HOUR PROJECTION



SCALE: 0.25 MILES

MENU B

MODEL: PROJECTED-PLUME SEGMENT
CURRENT TIME: 08/20/03 10:33
RUN TIME: 08/20/03 10:30
MET: FROM SCENARIO 10
CUR MET: WS= 5MPH, WD= 83, ST=D
END DATE OF 15 MINUTE RATE
COMPUTATION: 08/20/03 10:38
START RELEASE: 08/20/03 07:23
END RELEASE: 08/20/03 10:38
RELEASE: MONITOR VALUES FROM
SCENARIO 10 - ACCIDENT TYPE 03
CUR REL RATE(CI/SEC): 3.0E-03
TOTAL CI: NG:1.5E+01, I:1.3E-01
P:3.0E-03

PEAK FM TH (MREM/HR) : 2.7E-02
DIR(TO): W DIST(MILES): 1.6

CONTOUR LEGEND
THY RATE (MR/HR) CARTRDGE (CPM) FILTER (CPM)

1		1.0E-02	2.4E-02	8.5E-04
2		1.0E-03	2.4E-03	8.5E-05



POINT OF INTEREST

MAP FEATURES

SELECT AREA

RESTORE

CONTINUE

SITE: PLANT HATCH
 TITLE: GROUND CONTAMINATION
 PERIOD: 0.25 HOUR PROJECTION

SCALE: 1.0 MILES

MENU B ISOTOPE: I-131
 MODEL: PROJECTED-PLUME SEGMENT
 CURRENT TIME: 08/20/03 10:38
 RUN TIME: 08/20/03 10:30
 MET: FROM SCENARIO 10
 CUR MET: WS= 5MPH, WD= 83, ST=D
 START OF INTEG: 08/20/03 10:23
 END OF INTEG: 08/20/03 10:38
 START RELEASE: 08/20/03 07:23
 END RELEASE: 08/20/03 10:38
 RELEASE: MONITOR VALUES FROM
 SCENARIO 10 - ACCIDENT TYPE 03
 CUR REL RATE(CI/SEC): 3.0E-03
 TOTAL CI: NG:1.5E+01, I:1.3E-01
 P:3.0E-03

PEAK CONC. (UCI/M**2): 6.5E-04
 DIR(TO): WSW DIST(MILES): 0.9



CONTOUR LEGEND	CONCENTRATION (UCI/M2)	EXCEEDS 1.3E+00 UCI/M2
1	7.0E-03+	
2	4.0E-03-7.0E-03	NOT
3	2.0E-03-4.0E-03	EXCEEDED
4	1.0E-03-2.0E-03	
5	7.0E-04-1.0E-03	
6	4.0E-04-7.0E-04	
7	2.0E-04-4.0E-04	
8	1.0E-04-2.0E-04	
9	7.0E-05-1.0E-04	
10	4.0E-05-7.0E-05	
11	2.0E-05-4.0E-05	
12	1.0E-05-2.0E-05	
13	7.0E-06-1.0E-05	
14	4.0E-06-7.0E-06	
15	2.0E-06-4.0E-06	

POINT OF INTEREST MAP FEATURES SELECT AREA RESTORE CONTINUE

11:00 AM
Dose
Projection
Result

SITE: PLANT HATCH

TITLE: TOTAL EFFECTIVE DOSE EQUIV(TEDE) RATE

PERIOD: 0.25 HOUR PROJECTION SCALE: 1.0 MILES

MENU B

MODEL: PROJECTED-PLUME SEGMENT

CURRENT TIME: 08/20/03 11:02

RUN TIME: 08/20/03 11:00

MET: FROM SCENARIO 10

CUR MET: WS= 5MPH, WD= 84,ST=D

END DATE OF 15 MINUTE RATE

COMPUTATION: 08/20/03 11:08

START RELEASE: 08/20/03 07:23

END RELEASE: 08/20/03 11:08

RELEASE: MONITOR VALUES FROM

SCENARIO 10 - ACCIDENT TYPE 03

CUR REL RATE(CI/SEC): 7.1E-03

TOTAL CI: NG:2.5E+01,I:1.6E-01

P:8.0E-03

PEAK TEDE (MREM/HR) : 2.0E-02

DIR(TO): W DIST(MILES): 1.4

TEDE/EDE AT PEAK TEDE: 1.1E+00

PK THY CDE(MREM/HR) : 5.6E-02

DIR(TO): W DIST(MILES): 1.4

CONTOUR DOSE RATE

LEGEND (MREM/HR)

1	1.0E-02+
2	1.0E-03-1.0E-02



POINT
OF
INTEREST

MAP
FEATURES

SELECT
AREA

RESTORE

CONTINUE

11:00 AM
Field
Monitoring
Data

SITE: PLANT HATCH
 TITLE: FIELD MONITOR GAMMA + BETA DOSE RATE
 PERIOD: 0.25 HOUR PROJECTION SCALE: 1.0 MILES



MENU B
 MODEL: PROJECTED-PLUME SEGMENT
 CURRENT TIME: 08/20/03 10:48
 RUN TIME: 08/20/03 10:45
 MET: FROM SCENARIO 10
 CUR MET: WS= 5MPH, WD= 84,ST=D
 END DATE OF 15 MINUTE RATE
 COMPUTATION: 08/20/03 10:53
 START RELEASE: 08/20/03 07:23
 END RELEASE: 08/20/03 10:53
 RELEASE: MONITOR VALUES FROM
 SCENARIO 10 - ACCIDENT TYPE 03
 CUR REL RATE(CI/SEC): 3.7E-03
 TOTAL CI: NG:1.8E+01,I:1.4E-01
 P:4.7E-03

PEAK GAM&B (MREM/HR) : 1.2E-02
 DIR(TO): W DIST(MILES): 1.1

CONTOUR LEGEND

	GAM+BETA (MR/HR)	OPEN WIN (MR/HR)	FRISKER (CPM)
1	1.0E-02	1.0E-02	3.6E+01
2	1.0E-03	1.0E-03	3.6E+00

POINT OF INTEREST MAP FEATURES SELECT AREA RESTORE CONTINUE

SITE: PLANT HATCH
 TITLE: FIELD MONITOR GAMMA DOSE RATE
 PERIOD: 0.25 HOUR PROJECTION

SCALE: 0.25 MILES



MENU B
 MODEL: PROJECTED-PLUME SEGMENT
 CURRENT TIME: 08/20/03 10:48
 RUN TIME: 08/20/03 10:45
 MET: FROM SCENARIO 10
 CUR MET: WS= 5MPH, WD= 84, ST=D
 END DATE OF 15 MINUTE RATE
 COMPUTATION: 08/20/03 10:53
 START RELEASE: 08/20/03 07:23
 END RELEASE: 08/20/03 10:53
 RELEASE: MONITOR VALUES FROM
 SCENARIO 10 - ACCIDENT TYPE 03
 CUR REL RATE(CI/SEC): 3.7E-03
 TOTAL CI: NG:1.8E+01, I:1.4E-01
 P:4.7E-03

PEAK GAMMA (MREM/HR) : 9.2E-03
 DIR(TO): W DIST(MILES): 1.1

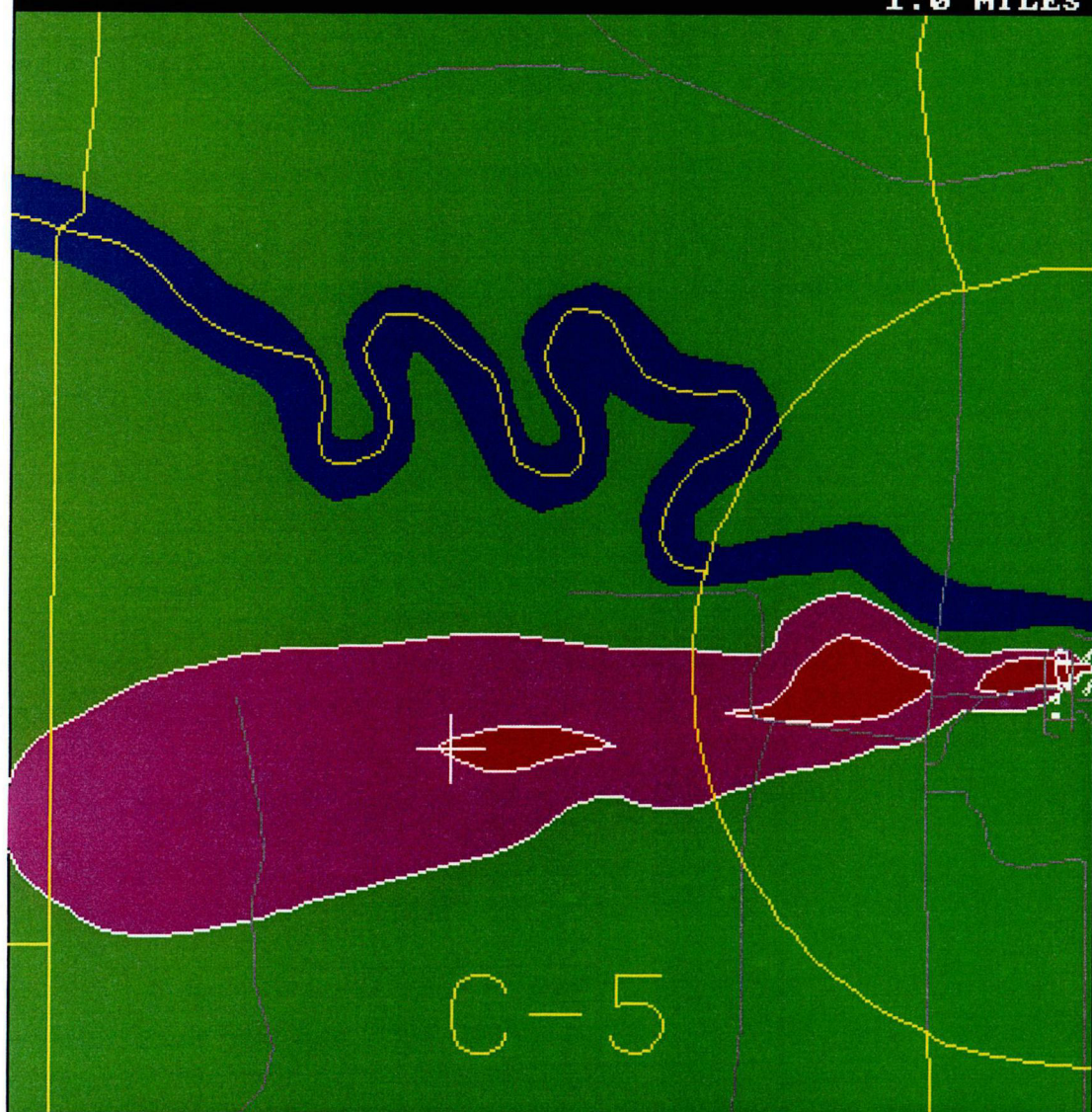
CONTOUR LEGEND

	GAM RATE (MR/HR)	CLSD WIN (MR/HR)	FRISKER (CPM)
1	1.0E-02	1.0E-02	3.6E+01
2	1.0E-03	1.0E-03	3.6E+00

POINT OF INTEREST MAP FEATURES SELECT AREA RESTORE CONTINUE

SITE: PLANT HATCH
 TITLE: FIELD MONITOR THYROID DOSE RATE
 PERIOD: 0.25 HOUR PROJECTION SCALE: 1.0 MILES

MENU B
 MODEL: PROJECTED-PLUME SEGMENT
 CURRENT TIME: 08/20/03 10:48
 RUN TIME: 08/20/03 10:45
 MET: FROM SCENARIO 10
 CUR MET: WS= 5MPH, WD= 84, ST=D
 END DATE OF 15 MINUTE RATE
 COMPUTATION: 08/20/03 10:53
 START RELEASE: 08/20/03 07:23
 END RELEASE: 08/20/03 10:53
 RELEASE: MONITOR VALUES FROM
 SCENARIO 10 - ACCIDENT TYPE 03
 CUR REL RATE(CI/SEC): 3.7E-03
 TOTAL CI: NG:1.8E+01, I:1.4E-01
 P:4.7E-03
 PEAK FM TH (MREM/HR) : 2.8E-02
 DIR(TO): W DIST(MILES): 1.4



CONTOUR LEGEND

	THY RATE (MR/HR)	CARTRIDGE (CPM)	FILTER (CPM)
1	1.0E-02	2.4E-02	8.5E-04
2	1.0E-03	2.4E-03	8.5E-05

POINT OF INTEREST MAP FEATURES SELECT AREA RESTORE CONTINUE

SITE: PLANT HATCH
 TITLE: GROUND CONTAMINATION
 PERIOD: 0.25 HOUR PROJECTION

SCALE: 1.0 MILES



MENU B ISOTOPE: I-131
 MODEL: PROJECTED-PLUME SEGMENT
 CURRENT TIME: 08/20/03 10:49
 RUN TIME: 08/20/03 10:45
 MET: FROM SCENARIO 10
 CUR MET: WS= 5MPH, WD= 84, ST=D
 START OF INTEG: 08/20/03 10:38
 END OF INTEG: 08/20/03 10:53
 START RELEASE: 08/20/03 07:23
 END RELEASE: 08/20/03 10:53
 RELEASE: MONITOR VALUES FROM
 SCENARIO 10 - ACCIDENT TYPE 03
 CUR REL RATE(CI/SEC): 3.7E-03
 TOTAL CI: NG:1.8E+01, I:1.4E-01
 P:4.7E-03

PEAK CONC. (UCI/M**2): 6.9E-04
 DIR(TO): WSW DIST(MILES): 0.9

CONTOUR LEGEND	CONCENTRATION (UCI/M2)	EXCEEDS 1.3E+00 UCI/M2
1	7.0E-03+	
2	4.0E-03-7.0E-03	NOT
3	2.0E-03-4.0E-03	EXCEEDED
4	1.0E-03-2.0E-03	
5	7.0E-04-1.0E-03	
6	4.0E-04-7.0E-04	
7	2.0E-04-4.0E-04	
8	1.0E-04-2.0E-04	
9	7.0E-05-1.0E-04	
10	4.0E-05-7.0E-05	
11	2.0E-05-4.0E-05	
12	1.0E-05-2.0E-05	
13	7.0E-06-1.0E-05	
14	4.0E-06-7.0E-06	
15	2.0E-06-4.0E-06	

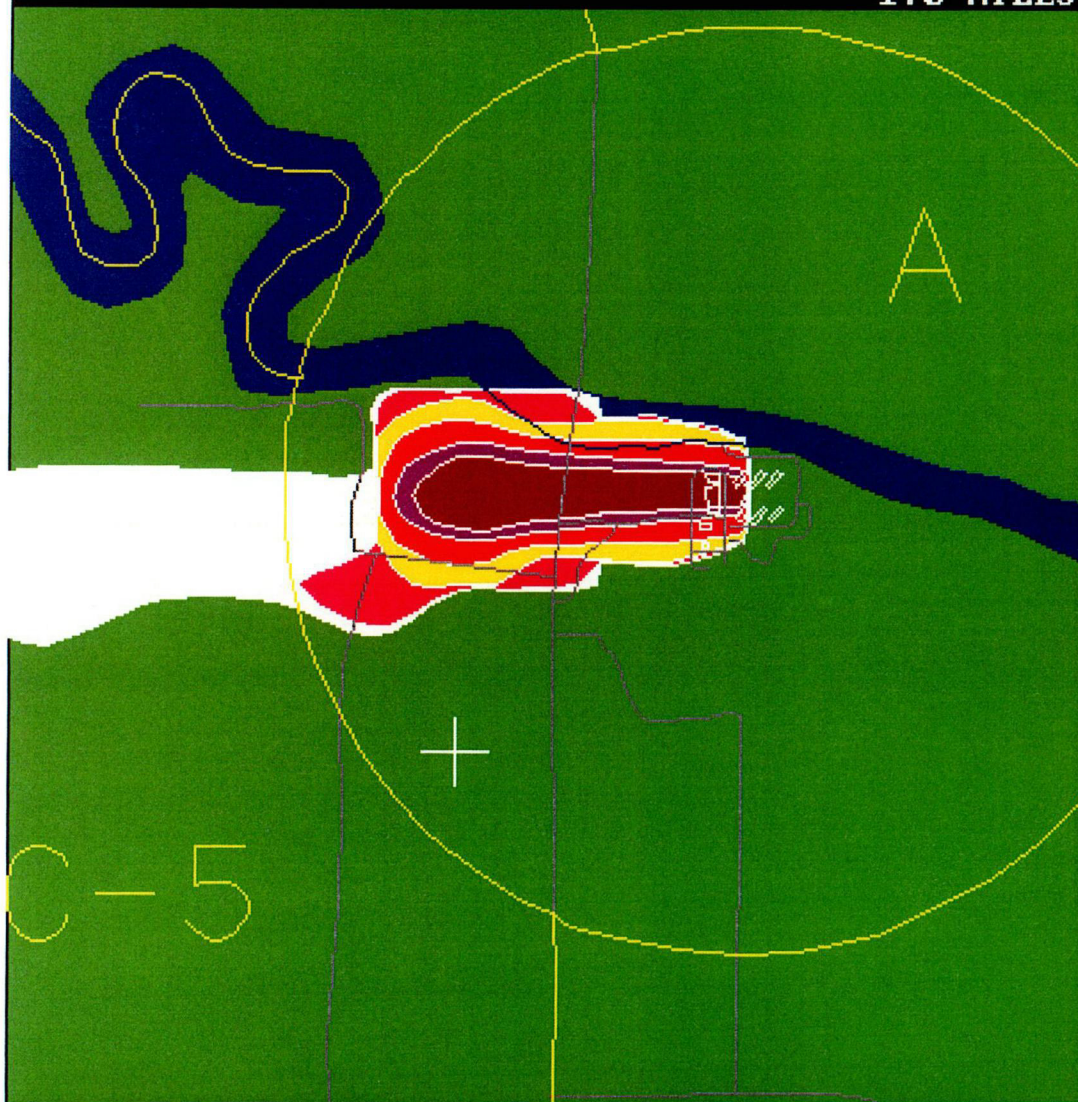
POINT OF INTEREST MAP FEATURES SELECT AREA RESTORE CONTINUE

11:15 AM
Dose
Projection
Result

SITE: PLANT HATCH

TITLE: TOTAL EFFECTIVE DOSE EQUIVALENT RATE

PERIOD: 0.25 HOUR PROJECTION SCALE: 1.0 MILES



MENU B

MODEL: PROJECTED-PLUME SEGMENT

CURRENT TIME: 08/20/03 11:17

RUN TIME: 08/20/03 11:15

MET: FROM SCENARIO 10

CUR MET: WS= 6MPH, WD= 87, ST=D

END DATE OF 15 MINUTE RATE

COMPUTATION: 08/20/03 11:23

START RELEASE: 08/20/03 07:23

END RELEASE: 08/20/03 11:23

RELEASE: MONITOR VALUES FROM

SCENARIO 10 - ACCIDENT TYPE 03

CUR REL RATE(CI/SEC): 9.6E+00

TOTAL CI: NG:8.7E+03, I:2.8E+01

P:4.5E+00

PEAK TEDE (MREM/HR) : 2.4E+01

DIR(TO): W DIST(MILES): 0.9







TEDE/EDE AT PEAK TEDE: 1.0E+00

PK THY CDE(MREM/HR) : 8.0E+01

DIR(TO): W DIST(MILES): 1.4

CONTOUR DOSE RATE

LEGEND (MREM/HR)

1		1.0E+01+
2		5.0E+00-1.0E+01
3		1.0E+00-5.0E+00
4		1.0E-01-1.0E+00
5		1.0E-02-1.0E-01
6		1.0E-03-1.0E-02

POINT
OF
INTEREST

MAP
FEATURES

SELECT
AREA

RESTORE

CONTINUE