

11:15 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 11:03

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 GAM&B (MREM/HR) : 2.2E-02

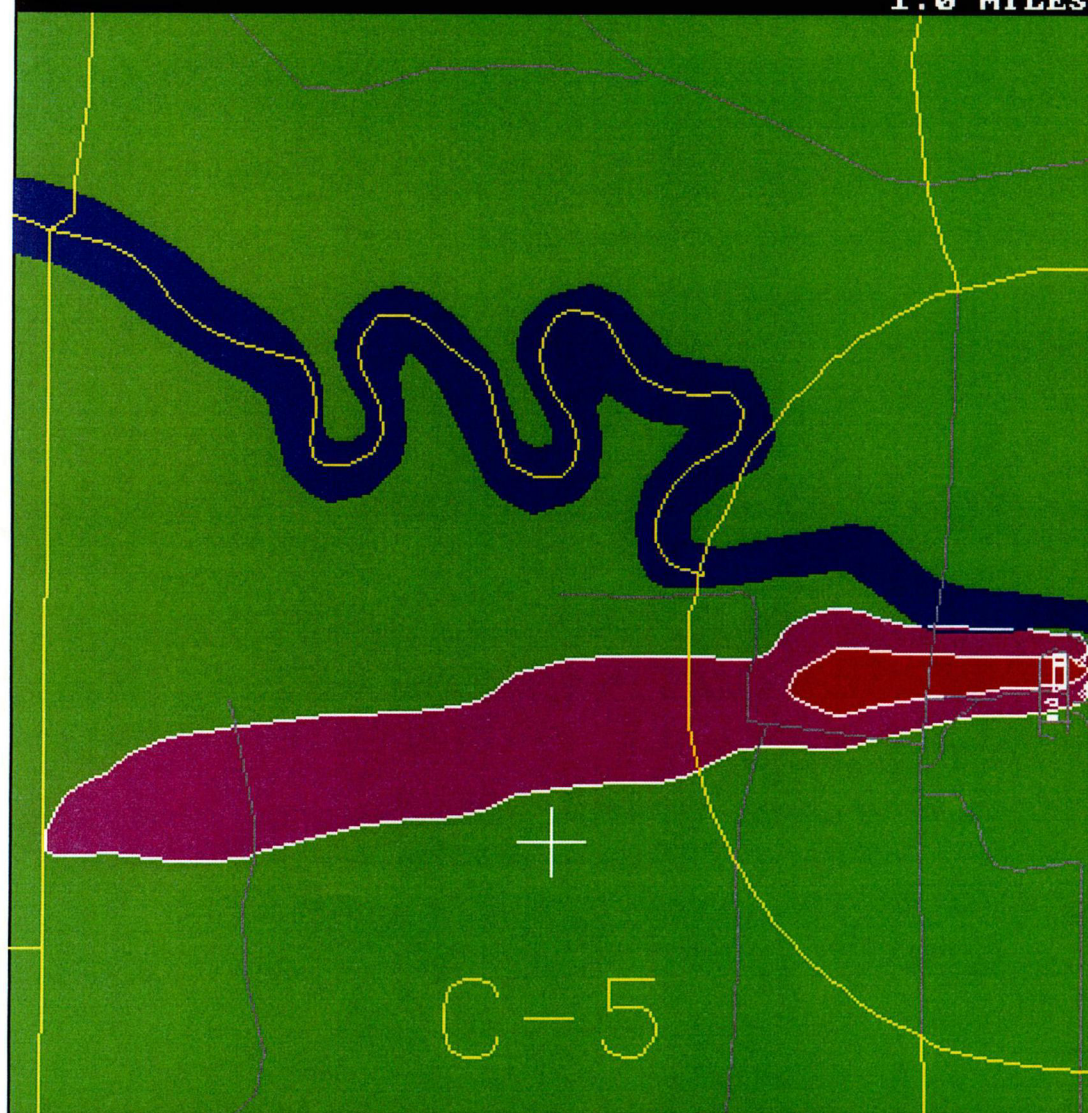
DIR(TO): W DIST(MILES): 1.4

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: 1.0 MILES



MENU B

MODEL: PROJECTED-PLUME SEGMENT

CURRENT TIME: 08/20/03 11:03

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 GAMMA (MREM/HR) : 1.8E-02

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

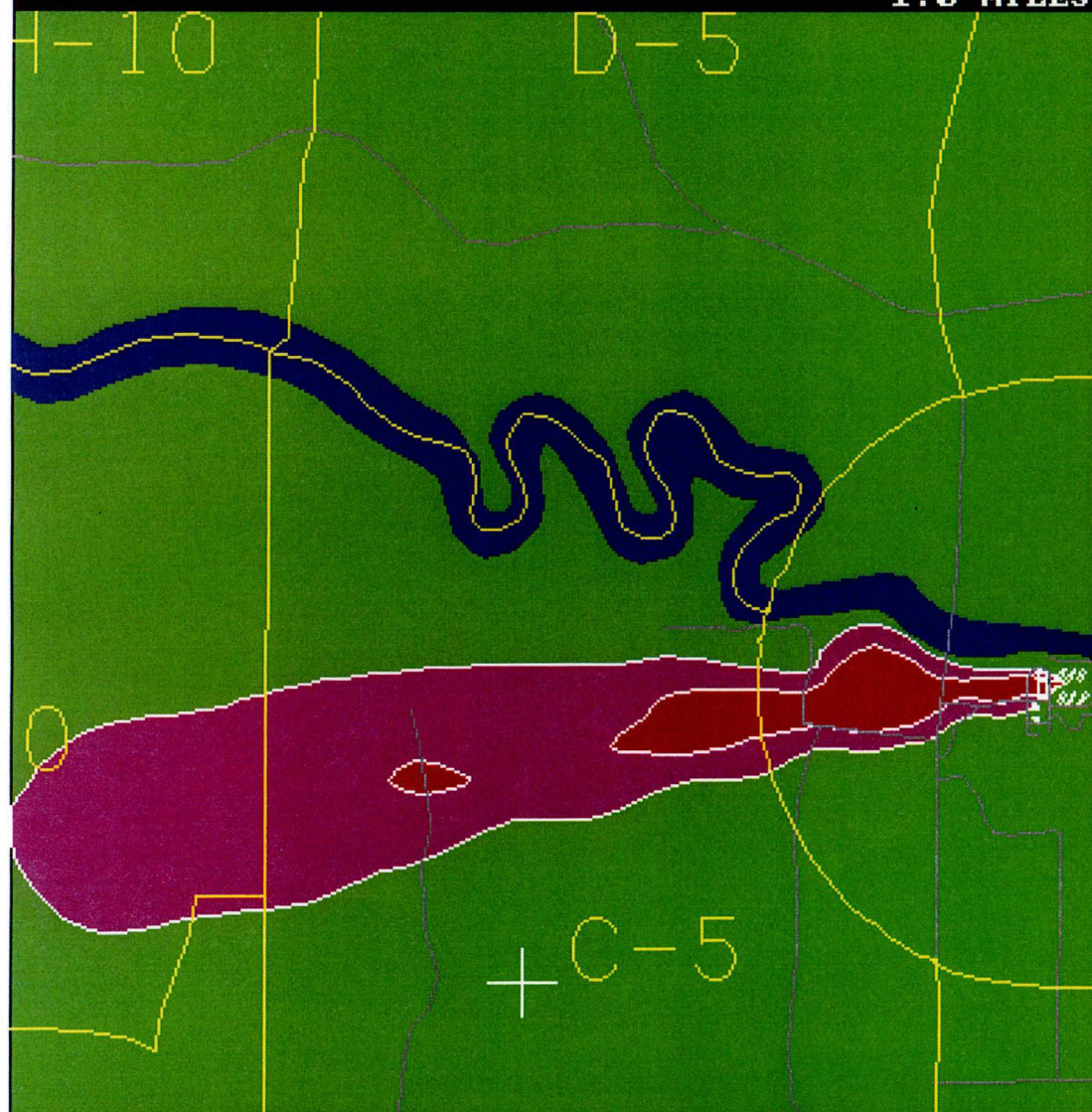
CONTINUE

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 11:04

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 FM TH (MREM/HR) : 5.6E-02

DIR(°): W DIST(MILES): 1.4

CONTOUR LEGEND

THY RATE (MR/HR)	CARTIDGE (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 11:05
 RUN TIME: 08/20/03 11:00
 MET: FROM SCENARIO 10
 CUR MET: WS= 5MPH, WD= 84, ST=D
 START OF INTEG: 08/20/03 10:53
 END OF INTEG: 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 CONC. (UCI/M**2): 7.5E-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

11:30 AM
Dose
Projection
Result

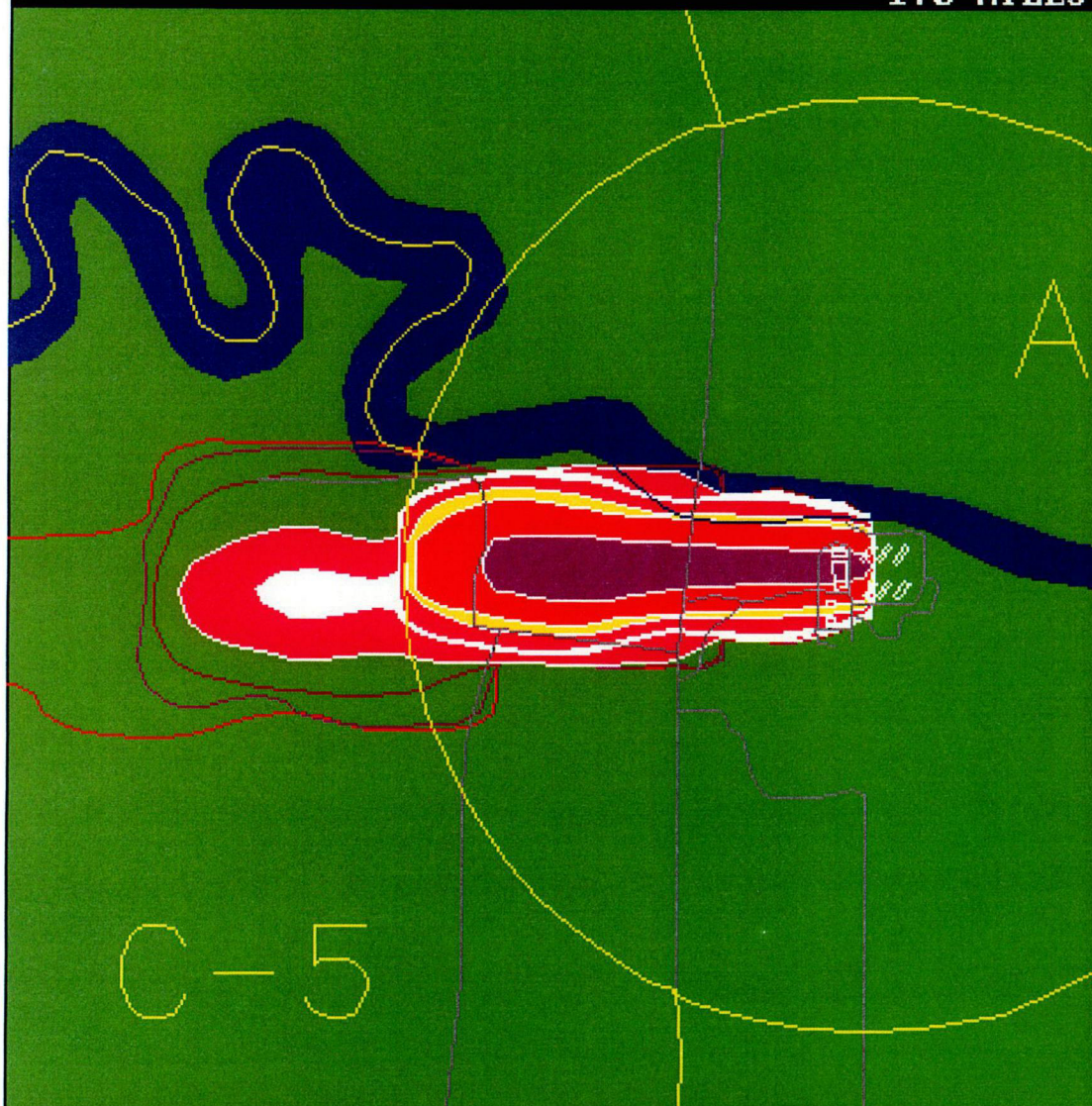
MESSAGE NUMBER

* If Items 8-14 have not changed,
only Items 1-7 and 15-16 are required to be completed.
**Information may not be available on initial notifications.

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 11:32

RUN TIME: 08/20/03 11:30

MET: FROM SCENARIO 10

CUR MET: WS= 6MPH, WD= 88, ST=D

END DATE OF 15 MINUTE RATE

COMPUTATION: 08/20/03 11:38

START RELEASE: 08/20/03 07:23

END RELEASE: 08/20/03 11:38

RELEASE: MONITOR VALUES FROM

SCENARIO 10 - ACCIDENT TYPE 03

CUR REL RATE(CI/SEC): 4.1E+02

TOTAL CI: NG:3.7E+05, I:1.2E+03

P:2.0E+02

PEAK TEDE (MREM/HR) : 1.0E+03

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

TEDE/EDE AT PEAK TEDE: 1.0E+00

PK THY CDE(MREM/HR) : 3.4E+03

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

CONTOUR DOSE RATE
LEGEND (MREM/HR)

1		5.0E+02+
2		1.0E+02-5.0E+02
3		5.0E+01-1.0E+02
4		1.0E+01-5.0E+01
5		5.0E+00-1.0E+01
6		1.0E+00-5.0E+00
7		1.0E-01-1.0E+00
8		1.0E-02-1.0E-01
9		1.0E-03-1.0E-02

POINT
OF
INTEREST

MAP
FEATURES

SELECT
AREA

RESTORE

CONTINUE

11:30 AM
Field
Monitoring
Data

SITE: PLANT HATCH

TITLE: FIELD MONITOR GAMMA + BETA DOSE RATE

PERIOD: 0.25 HOUR PROJECTION

SCALE: 0.25 MILES

MENU B

MODEL: PROJECTED-PLUME SEGMENT

CURRENT TIME: 08/20/03 11:18

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

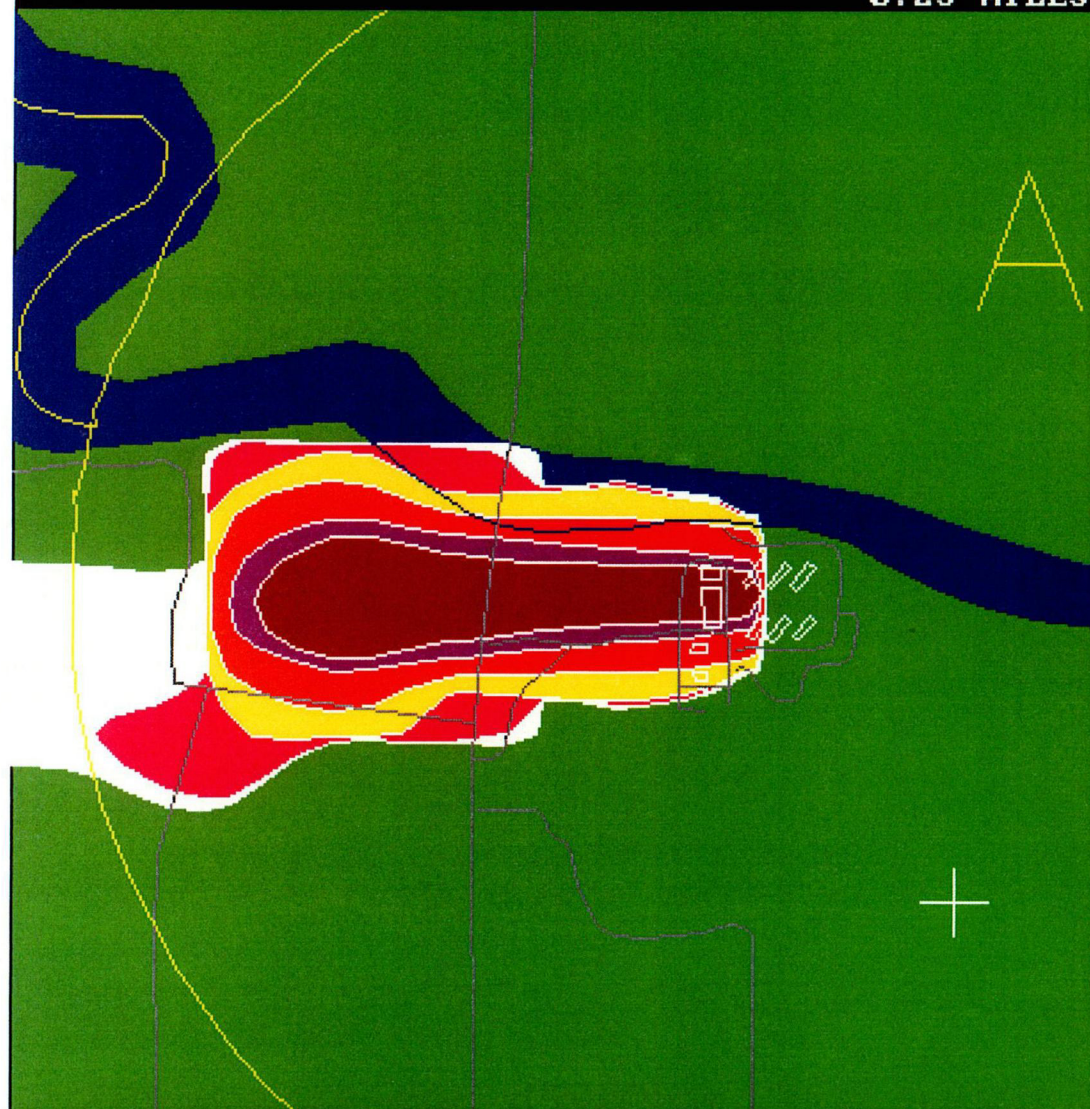
CUR REL RATE(CI/SEC): 9.6E+00

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

P:4.5E+00

PEAK GAM&B (MREM/HR) : 2.8E+01

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



CONTOUR LEGEND

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

1	1.0E+01	1.0E+01	3.6E+04
2	5.0E+00	5.0E+00	1.8E+04
3	1.0E+00	1.0E+00	3.6E+03
4	1.0E-01	1.0E-01	3.6E+02
5	1.0E-02	1.0E-02	3.6E+01
6	1.0E-03	1.0E-03	3.6E+00

POINT
OF
INTEREST

MAP
FEATURES

SELECT
AREA

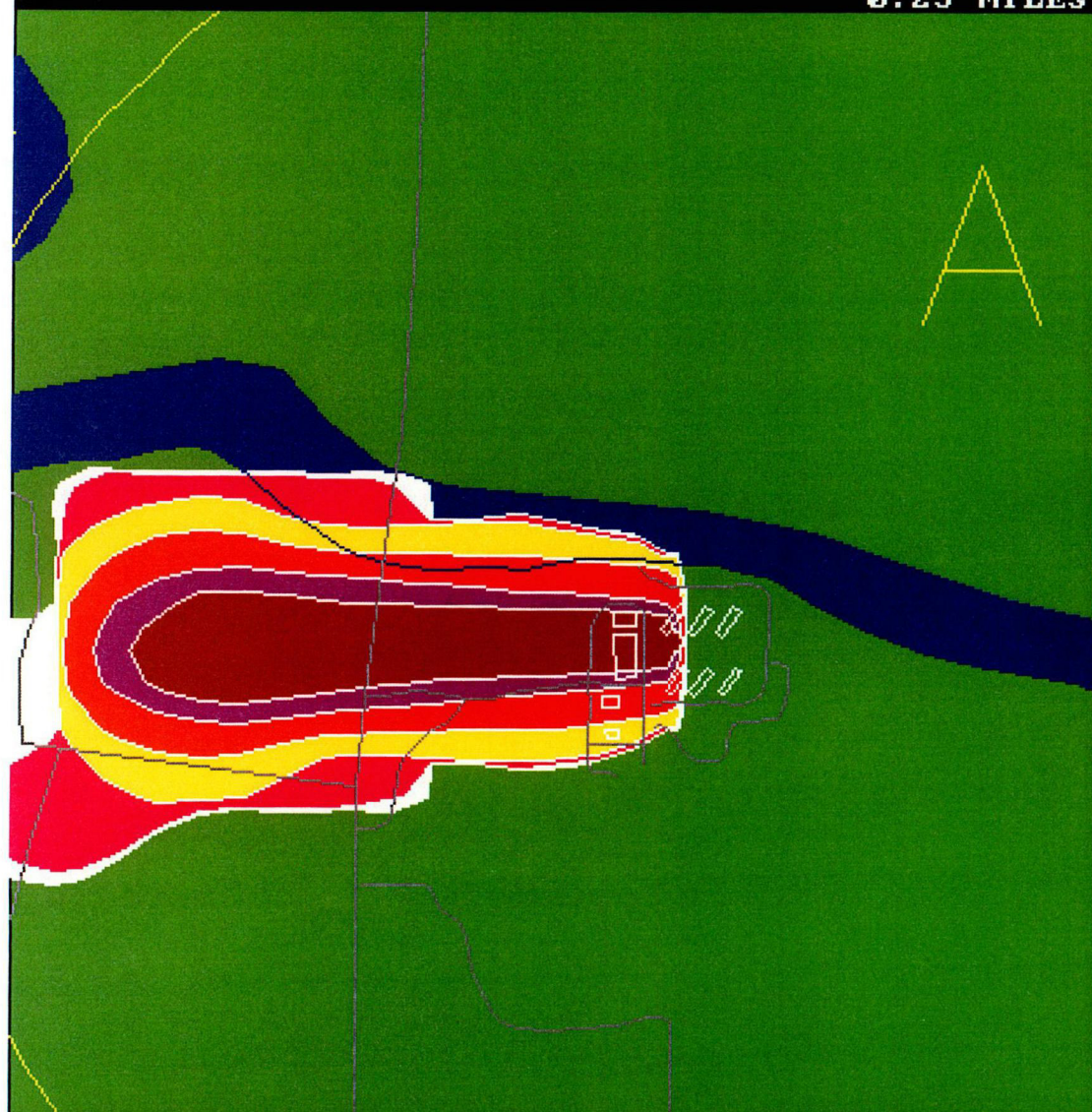
RESTORE

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 11:19

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 GAMMA (MREM/HR) : 2.3E+01

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

CONTOUR LEGEND

	GAM RATE (MR/HR)	CLSD WIN (MR/HR)	FRISKER (CPM)
--	---------------------	---------------------	------------------

1		1.0E+01	1.0E+01	3.6E+04
2		5.0E+00	5.0E+00	1.8E+04
3		1.0E+00	1.0E+00	3.6E+03
4		1.0E-01	1.0E-01	3.6E+02
5		1.0E-02	1.0E-02	3.6E+01
6		1.0E-03	1.0E-03	3.6E+00

POINT
OF
INTEREST

MAP
FEATURES

SELECT
AREA

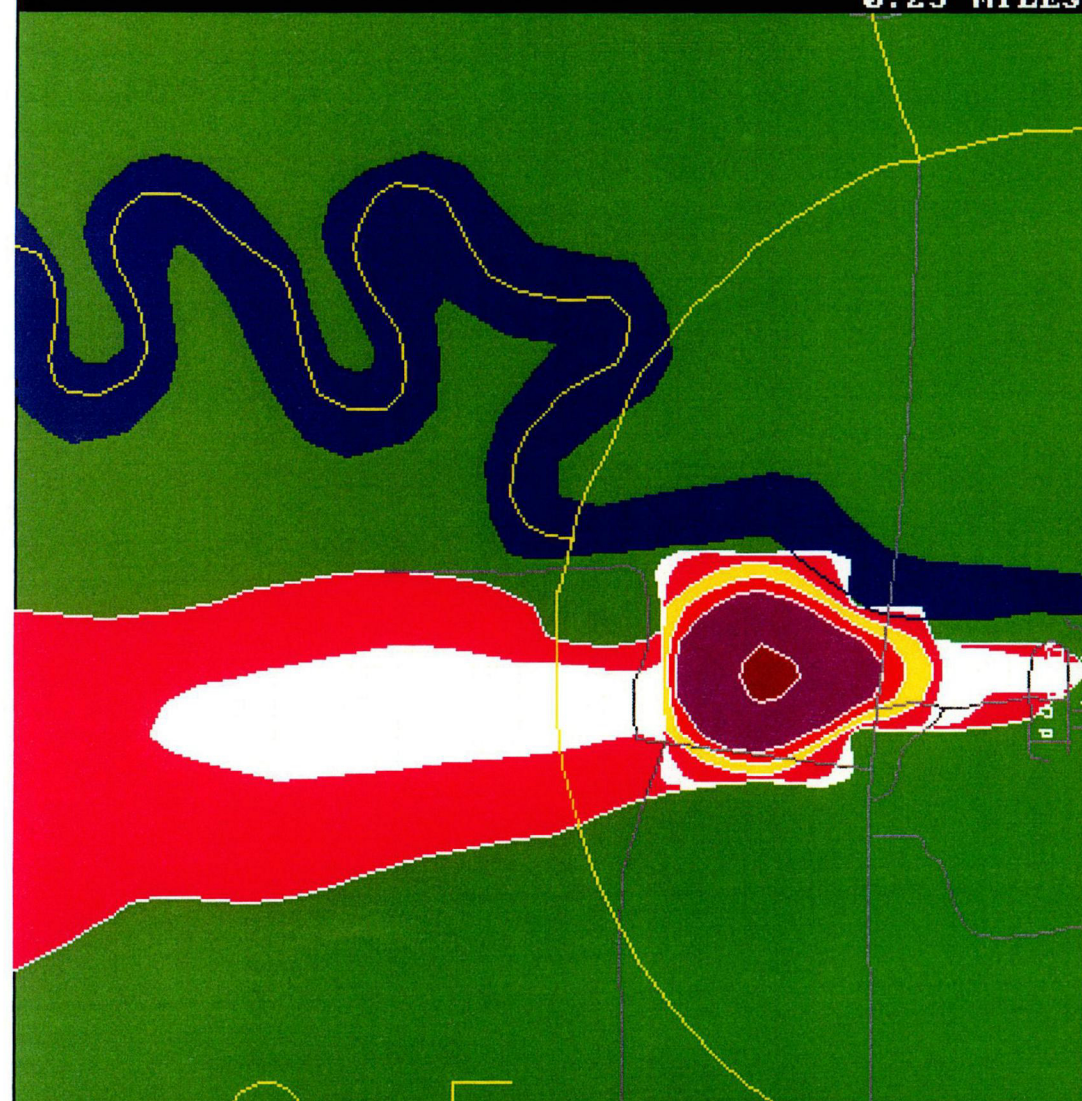
RESTORE

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 11:20
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 FM TH (MREM/HR) : 8.0E+01
DIR(TO): W DIST(MILES): 1.4

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

1		5.0E+01	1.2E+02	4.3E+00
2		1.0E+01	2.4E+01	8.5E-01
3		5.0E+00	1.2E+01	4.3E-01
4		1.0E+00	2.4E+00	8.5E-02
5		1.0E-01	2.4E-01	8.5E-03
6		1.0E-02	2.4E-02	8.5E-04
7		1.0E-03	2.4E-03	8.5E-05

POINT
OF
INTEREST

MAP
FEATURES

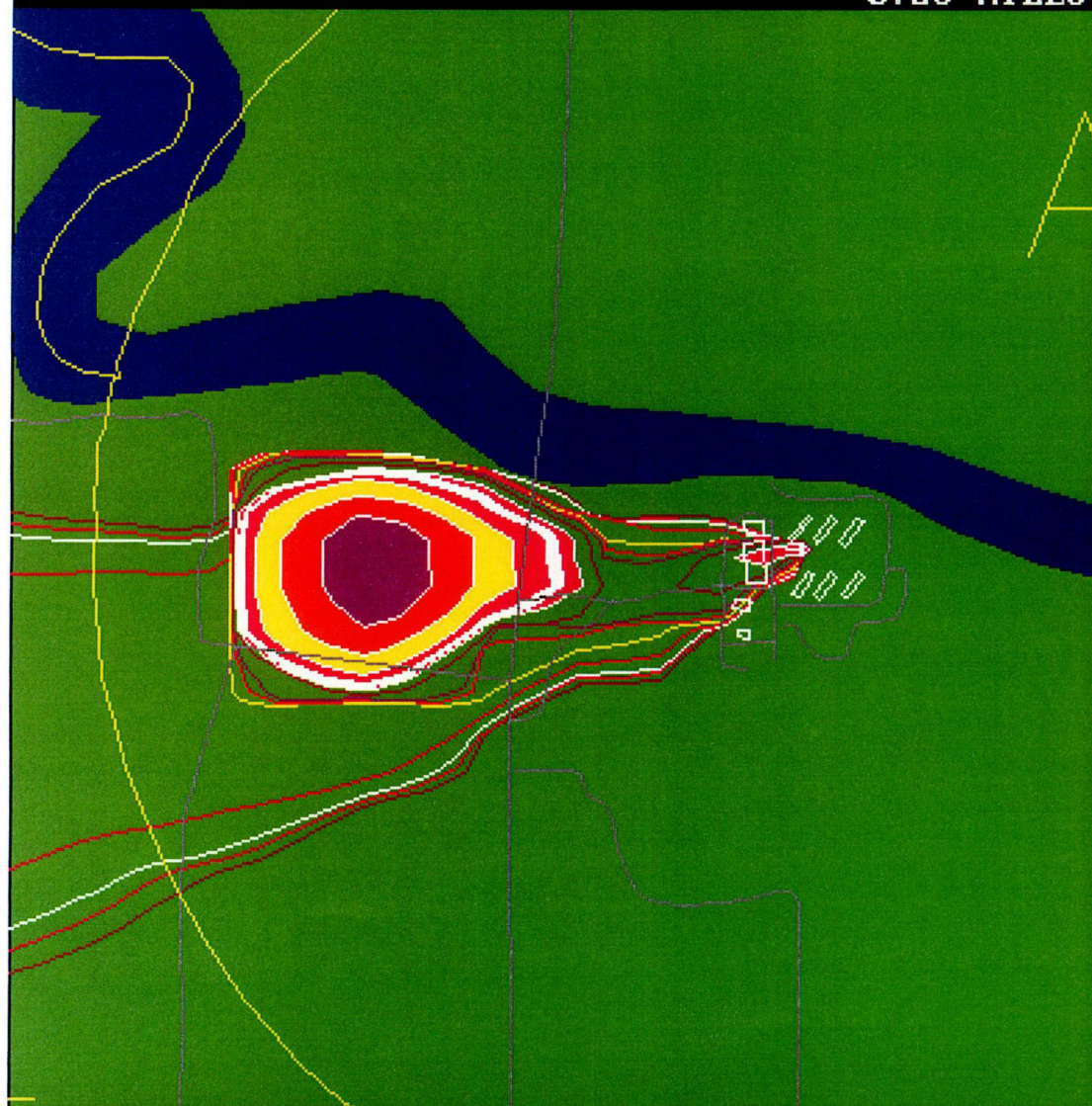
SELECT
AREA

RESTORE

CONTINUE

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

SCALE: 0.25 MILES



MENU B ISOTOPE: I-131
 MODEL: PROJECTED-PLUME SEGMENT
 CURRENT TIME: 08/20/03 11:20
 RUN TIME: 08/20/03 11:15
 MET: FROM SCENARIO 10
 CUR MET: WS= 6MPH, WD= 87, ST=D
 START OF INTEG: 08/20/03 11:08
 END OF INTEG: 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 CONC. (UCI/M**2): 1.2E-01
 DIR(TO): W DIST(MILES): 1.4

CONTOUR LEGEND	CONCENTRATION (UCI/M2)	EXCEEDS 1.3E+00 UCI/M2
1	7.0E-02+	
2	4.0E-02-7.0E-02	NOT
3	2.0E-02-4.0E-02	EXCEEDED
4	1.0E-02-2.0E-02	
5	7.0E-03-1.0E-02	↓
6	4.0E-03-7.0E-03	
7	2.0E-03-4.0E-03	
8	1.0E-03-2.0E-03	
9	7.0E-04-1.0E-03	
10	4.0E-04-7.0E-04	
11	2.0E-04-4.0E-04	
12	1.0E-04-2.0E-04	
13	7.0E-05-1.0E-04	
14	4.0E-05-7.0E-05	

POINT
OF
INTEREST

MAP
FEATURES

SELECT
AREA

RESTORE

CONTINUE

11:45 AM
Dose
Projection
Result

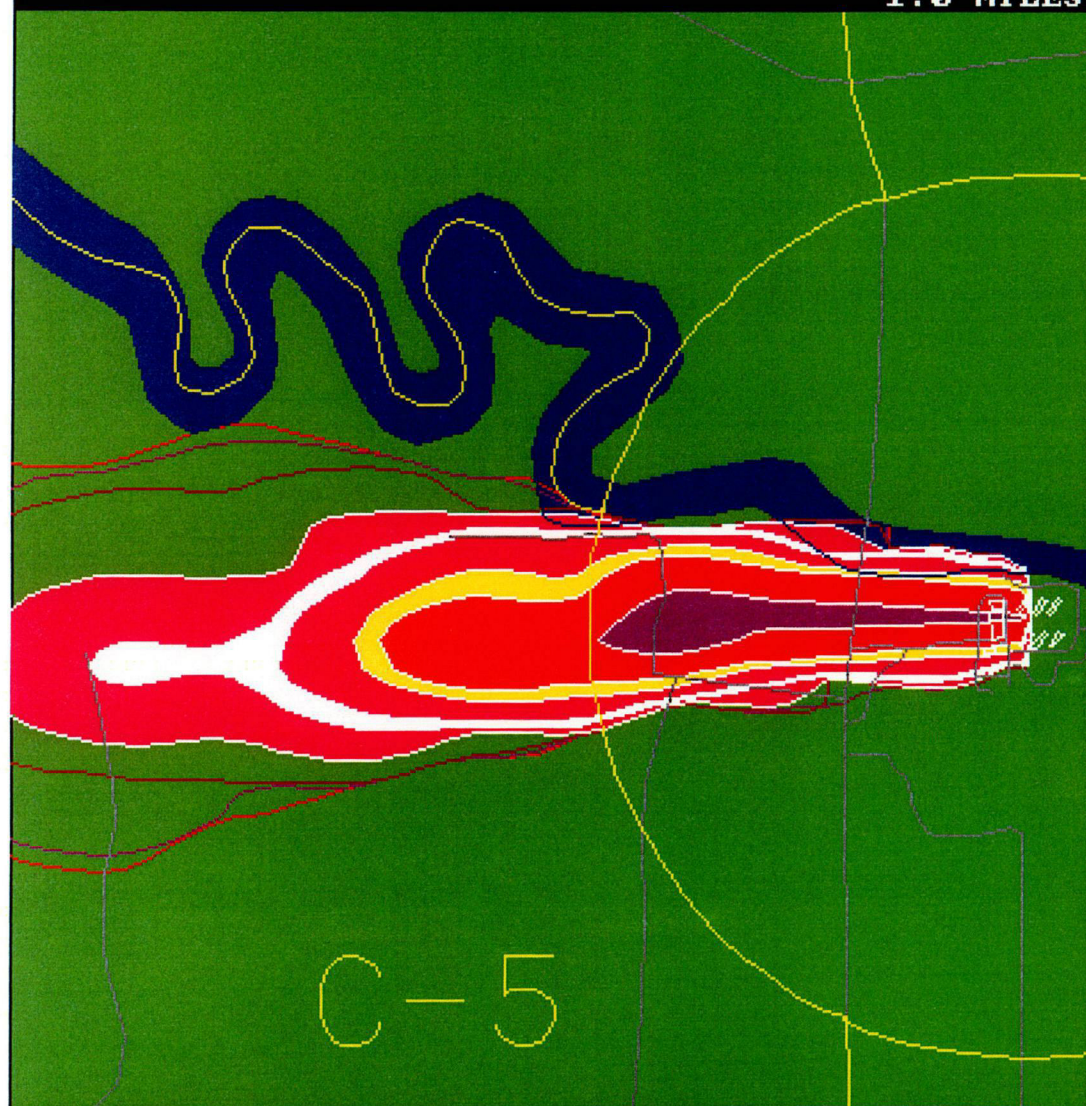
MESSAGE NUMBER

* If Items 8-14 have not changed,
only Items 1-7 and 15-16 are required to be completed.
**Information may not be available on initial notifications.

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 11:47

RUN TIME: 08/20/03 11:45

MET: FROM SCENARIO 10

CUR MET: WS= 5MPH, WD= 89, ST=D

END DATE OF 15 MINUTE RATE

COMPUTATION: 08/20/03 11:53

START RELEASE: 08/20/03 07:23

END RELEASE: 08/20/03 11:53

RELEASE: MONITOR VALUES FROM

SCENARIO 10 - ACCIDENT TYPE 03

CUR REL RATE(CI/SEC): 3.7E+02

TOTAL CI: NG:7.1E+05, I:2.3E+03

P:3.7E+02

PEAK TEDE (MREM/HR) : 9.7E+02

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

TEDE/EDE AT PEAK TEDE: 1.2E+00

PK THY CDE(MREM/HR) : 4.1E+03

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

CONTOUR DOSE RATE
LEGEND (MREM/HR)

1		5.0E+02+
2		1.0E+02-5.0E+02
3		5.0E+01-1.0E+02
4		1.0E+01-5.0E+01
5		5.0E+00-1.0E+01
6		1.0E+00-5.0E+00
7		1.0E-01-1.0E+00
8		1.0E-02-1.0E-01
9		1.0E-03-1.0E-02

POINT
OF
INTEREST

MAP
FEATURES

SELECT
AREA

RESTORE

CONTINUE