

12:15 PM
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 12:03

RUN TIME: 08/20/03 12:00

MET: FROM SCENARIO 10

CUR MET: WS= 5MPH, WD= 90, ST=D

END DATE OF 15 MINUTE RATE

COMPUTATION: 08/20/03 12:08

START RELEASE: 08/20/03 07:23

END RELEASE: 08/20/03 12:08

RELEASE: MONITOR VALUES FROM

SCENARIO 10 - ACCIDENT TYPE 03

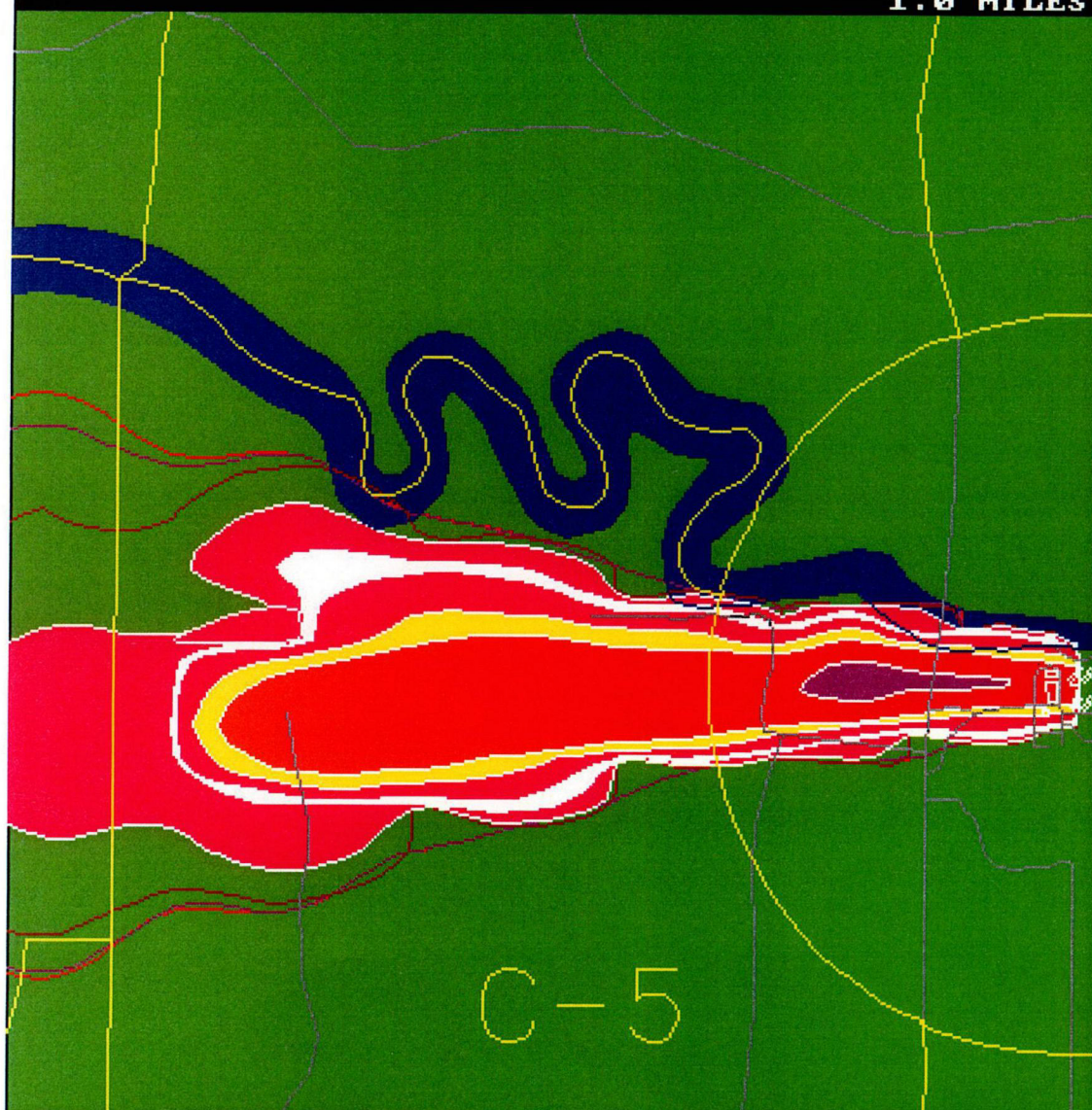
CUR REL RATE(CI/SEC): 3.2E+02

TOTAL CI: NG:1.0E+06, I:3.2E+03

P:5.3E+02

PEAK GAM&B (MREM/HR) : 9.6E+02

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



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

1		5.0E+02	5.0E+02	1.8E+06
2		1.0E+02	1.0E+02	3.6E+05
3		5.0E+01	5.0E+01	1.8E+05
4		1.0E+01	1.0E+01	3.6E+04
5		5.0E+00	5.0E+00	1.8E+04
6		1.0E+00	1.0E+00	3.6E+03
7		1.0E-01	1.0E-01	3.6E+02
8		1.0E-02	1.0E-02	3.6E+01
9		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 12:03

RUN TIME: 08/20/03 12:00

MET: FROM SCENARIO 10

CUR MET: WS= 5MPH, WD= 90, ST=D

END DATE OF 15 MINUTE RATE

COMPUTATION: 08/20/03 12:08

START RELEASE: 08/20/03 07:23

END RELEASE: 08/20/03 12:08

RELEASE: MONITOR VALUES FROM

SCENARIO 10 - ACCIDENT TYPE 03

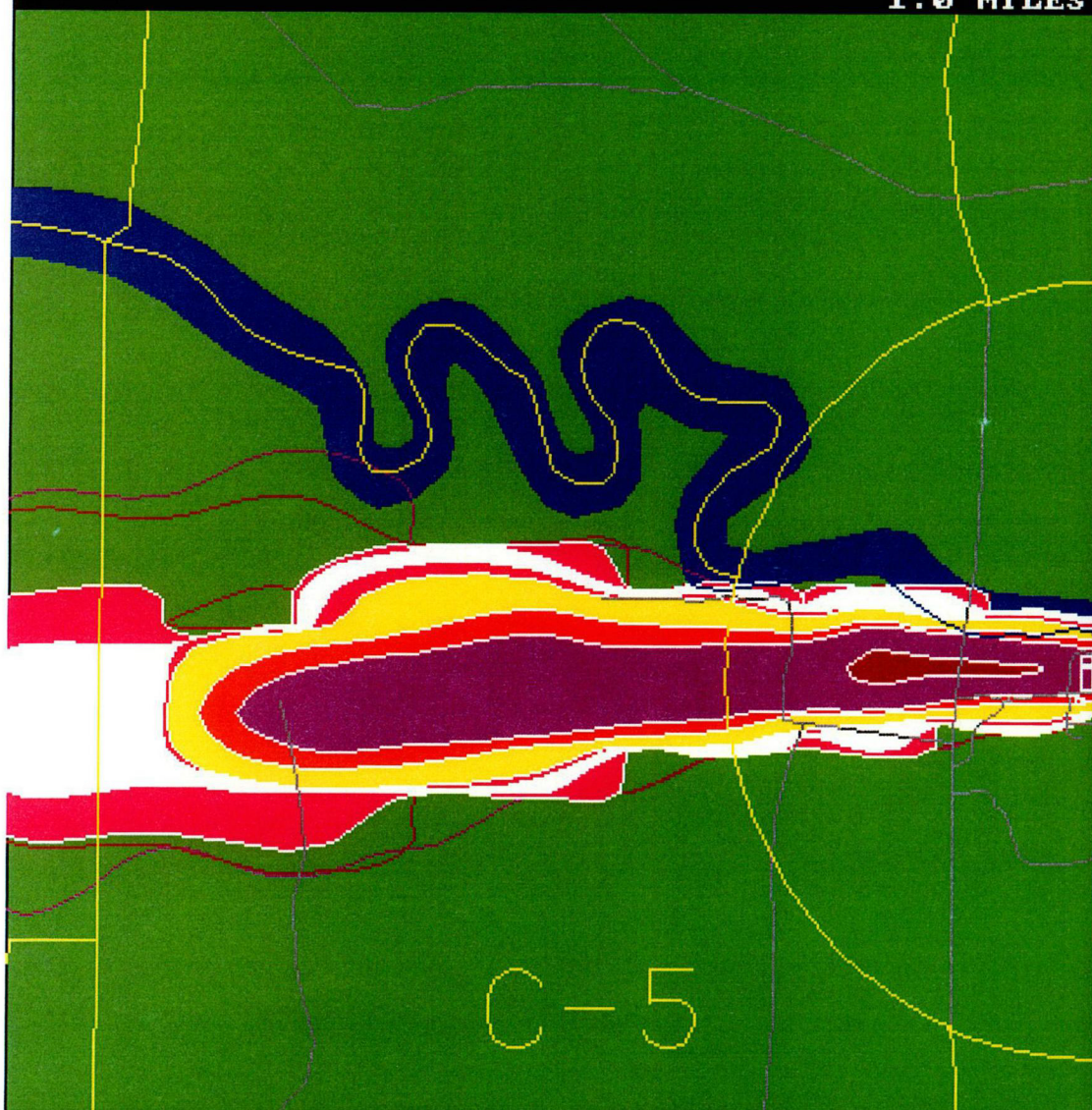
CUR REL RATE(CI/SEC): 3.2E+02

TOTAL CI: NG:1.0E+06, I:3.2E+03

P:5.3E+02

PEAK GAMMA (MREM/HR) : 7.9E+02

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



CONTOUR LEGEND
GAM RATE CLSD WIN FRISKER
(MR/HR) (MR/HR) (CPM)

1		5.0E+02	5.0E+02	1.8E+06
2		1.0E+02	1.0E+02	3.6E+05
3		5.0E+01	5.0E+01	1.8E+05
4		1.0E+01	1.0E+01	3.6E+04
5		5.0E+00	5.0E+00	1.8E+04
6		1.0E+00	1.0E+00	3.6E+03
7		1.0E-01	1.0E-01	3.6E+02
8		1.0E-02	1.0E-02	3.6E+01
9		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 12:04

RUN TIME: 08/20/03 12:00

MET: FROM SCENARIO 10

CUR MET: WS= 5MPH, WD= 90, ST=D

END DATE OF 15 MINUTE RATE

COMPUTATION: 08/20/03 12:08

START RELEASE: 08/20/03 07:23

END RELEASE: 08/20/03 12:08

RELEASE: MONITOR VALUES FROM

SCENARIO 10 - ACCIDENT TYPE 03

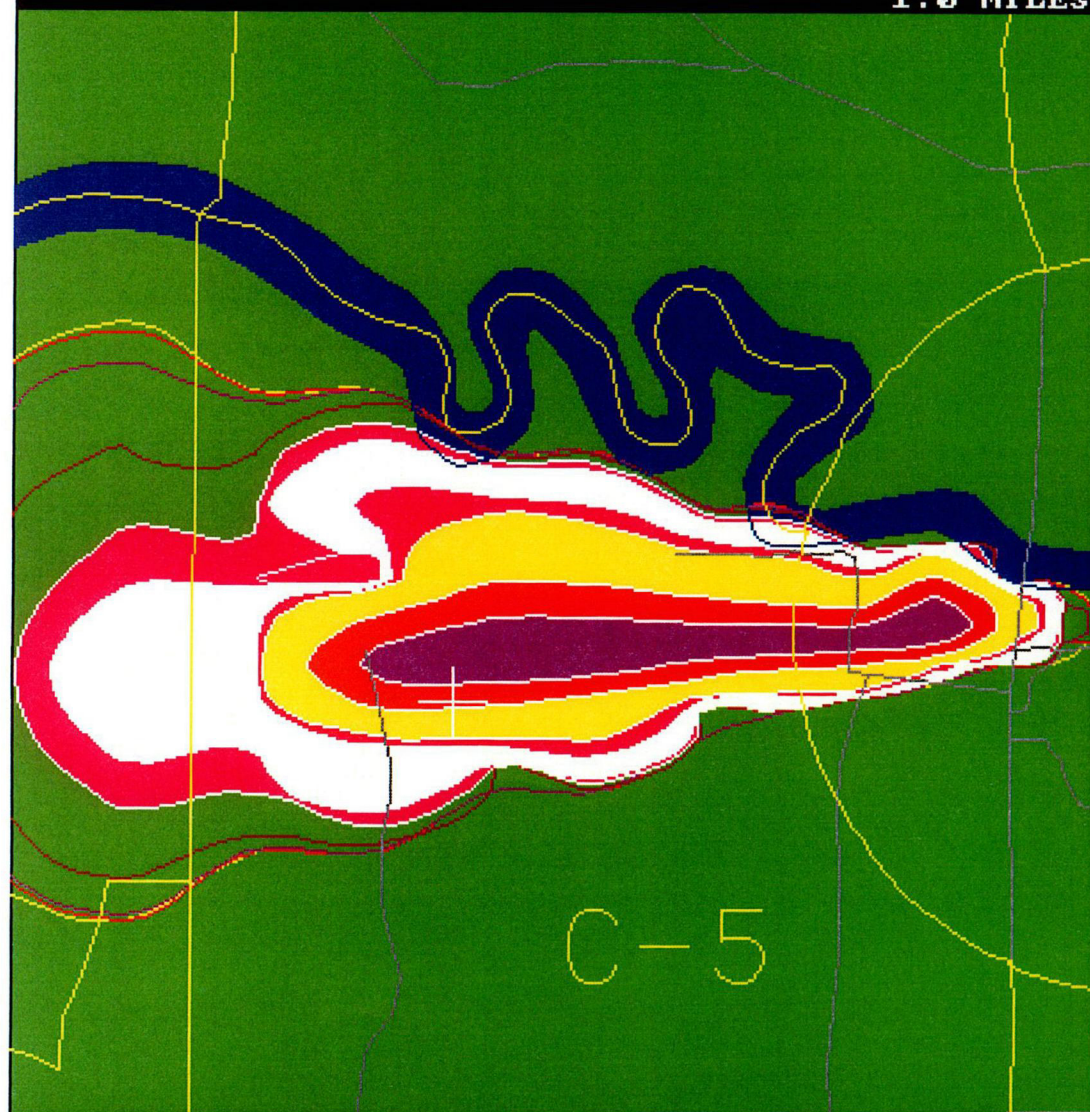
CUR REL RATE(CI/SEC): 3.2E+02

TOTAL CI: NG:1.0E+06, I:3.2E+03

P:5.3E+02

PEAK FM TH (MREM/HR) : 2.5E+03

DIR(TO): W DIST(MILES): 3.3



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

1		1.0E+03	2.4E+03	8.5E+01
2		5.0E+02	1.2E+03	4.3E+01
3		1.0E+02	2.4E+02	8.5E+00
4		5.0E+01	1.2E+02	4.3E+00
5		1.0E+01	2.4E+01	8.5E-01
6		5.0E+00	1.2E+01	4.3E-01
7		1.0E+00	2.4E+00	8.5E-02
8		1.0E-01	2.4E-01	8.5E-03
9		1.0E-02	2.4E-02	8.5E-04
10		1.0E-03	2.4E-03	8.5E-05

POINT
OF
INTEREST

MAP
FEATURES

SELECT
AREA

RESTORE

CONTINUE

SITE: PLANT HATCH

TITLE: GROUND CONTAMINATION

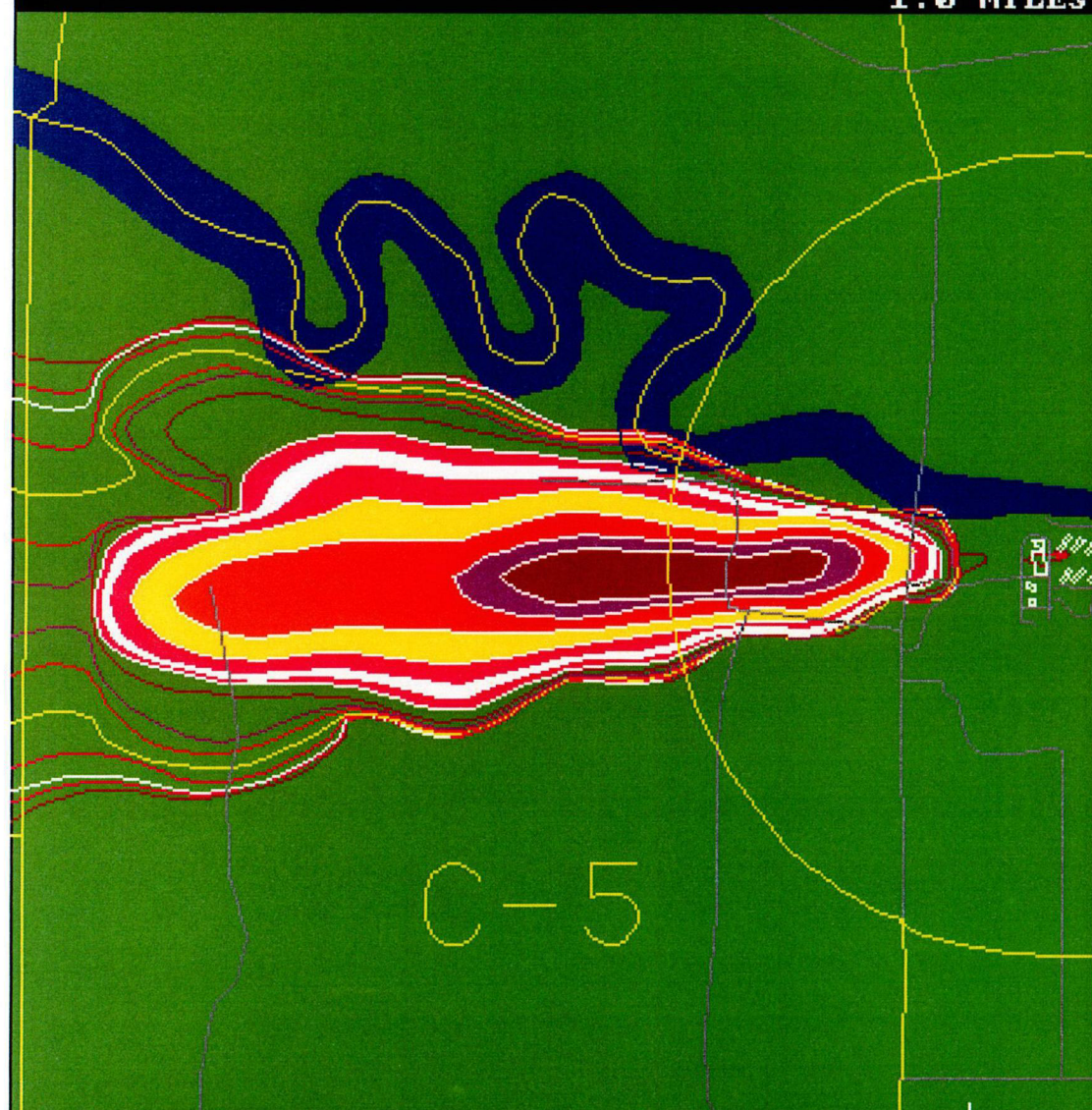
PERIOD: 0.25 HOUR PROJECTION

SCALE: 1.0 MILES

MENU B ISOTOPE: I-131
 MODEL: PROJECTED-PLUME SEGMENT
 CURRENT TIME: 08/20/03 12:04
 RUN TIME: 08/20/03 12:00
 MET: FROM SCENARIO 10
 CUR MET: WS= 5MPH, WD= 90, ST=D
 START OF INTEG: 08/20/03 11:53
 END OF INTEG: 08/20/03 12:08
 START RELEASE: 08/20/03 07:23
 END RELEASE: 08/20/03 12:08
 RELEASE: MONITOR VALUES FROM
 SCENARIO 10 - ACCIDENT TYPE 03
 CUR REL RATE(CI/SEC): 3.2E+02
 TOTAL CI: NG:1.0E+06, I:3.2E+03
 P:5.3E+02

PEAK CONC. (UCI/M**2): 1.6E+01
 DIR(TO): W DIST(MILES): 2.1

CONTOUR LEGEND	CONCENTRATION (UCI/M2)	EXCEEDS 1.3E+00 UCI/M2
1	1.0E+01+	
2	7.0E+00-1.0E+01	
3	4.0E+00-7.0E+00	
4	2.0E+00-4.0E+00	
5	1.0E+00-2.0E+00	
6	7.0E-01-1.0E+00	NOT
7	4.0E-01-7.0E-01	EXCEEDED
8	2.0E-01-4.0E-01	
9	1.0E-01-2.0E-01	
10	7.0E-02-1.0E-01	
11	4.0E-02-7.0E-02	
12	2.0E-02-4.0E-02	
13	1.0E-02-2.0E-02	
14	7.0E-03-1.0E-02	
15	4.0E-03-7.0E-03	



POINT
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INTEREST

MAP
FEATURES

SELECT
AREA

RESTORE

CONTINUE

12:30 PM
Dose
Projection
Result

MESSAGE NUMBER

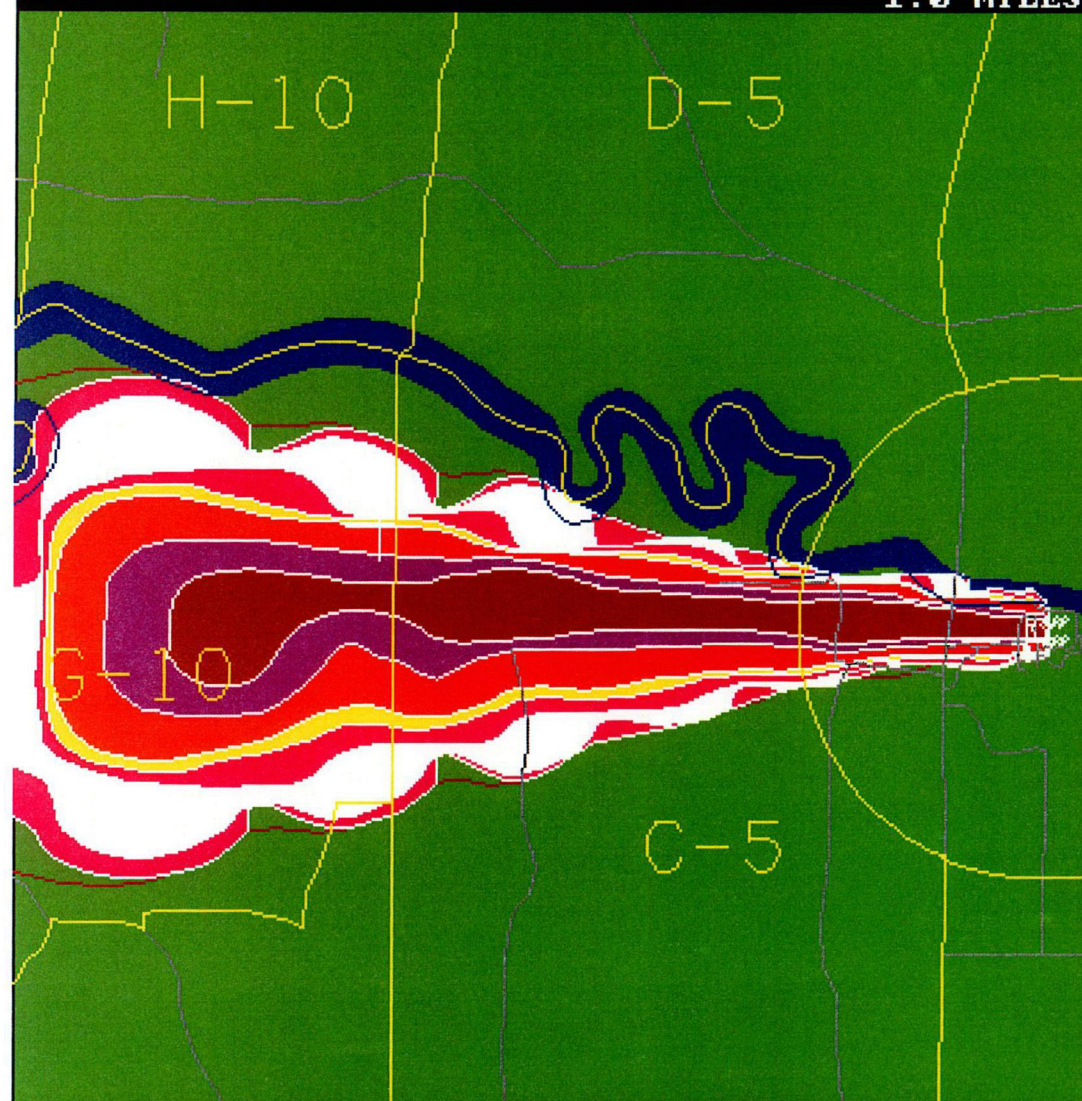
* If Items 8-14 have not changed,
only Items 1-7 and 15-16 are required to be completed.
**Information may not be available on initial notifications.

SITE: PLANT HATCH

TITLE: TOTAL EFFECTIVE DOSE EQUIVALENT RATE

PERIOD: 0.25 HOUR PROJECTION

SCALE: 1.0 MILES



MENU B

MODEL: PROJECTED-PLUME SEGMENT

CURRENT TIME: 08/20/03 12:32

RUN TIME: 08/20/03 12:30

MET: FROM SCENARIO 10

CUR MET: WS= 6MPH, WD= 92, ST=D

END DATE OF 15 MINUTE RATE

COMPUTATION: 08/20/03 12:38

START RELEASE: 08/20/03 07:23

END RELEASE: 08/20/03 12:38

RELEASE: MONITOR VALUES FROM

SCENARIO 10 - ACCIDENT TYPE 03

CUR REL RATE(CI/SEC): 1.9E+02

TOTAL CI: NG:1.4E+06, I:4.6E+03

P:7.5E+02

PEAK TEDE (MREM/HR) : 4.1E+02

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

TEDE/EDE AT PEAK TEDE: 1.2E+00

PK THY CDE(MREM/HR) : 1.5E+03

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

CONTOUR DOSE RATE
LEGEND (MREM/HR)

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

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