

10:15 AM
Dose
Projection
Result

MESSAGE NUMBER

2. SITE: PLANT HATCH UNIT: REPORTED BY:

[illegible]

6. [A] Emergency Declaration At: [B] Termination At: TIME/DATE: _____
(If B, go to Item 16.) (Eastern) mm dd yy

9. REACTOR STATUS: [A] SHUTDOWN TIME/DATE: _____ [B] _____ %POWER
(Eastern) mm dd yy

[A] AIRBORNE: Started: ____/____/____ Stopped: ____/____/____
Time (Eastern) date Time (Eastern) date

[B] LIQUID: Started: ____/____/____ Stopped: ____/____/____
Time (Eastern) date Time (Eastern) date

[A]	NOBLE GASES	2.2E-03	[B]	IODINES	6.8E-06
[C]	PARTICULATES	1.1E-06	[D]	OTHER	

PROJECTION TIME: 10:15
(EASTERN)
ESTIMATED DURATION: 4.00 HRS

SITE BOUNDARY	7.3E-03	2.6E-02
2 MILES	5.0E-03	2.8E-02
5 MILES	1.8E-03	1.2E-02
10 MILES	4.8E-04	3.2E-03

[A]	WIND DIRECTION(from)	81	[B]	SPEED(mph)	6.0
[C]	STABILITY CLASS	D	[D]	PRECIPITATION(type)	NO RAIN

[A] NO RECOMMENDED PROTECTIVE ACTIONS
[B] EVACUATE _____
[C] SHELTER-IN-PLACE _____
[D] OTHER _____

16 APPROVED BY: _____ TIME/DATE: _____
(Name) (Title) (EASTERN) mm dd yy

* 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: 0.25 MILES



MENU B

MODEL: PROJECTED-PLUME SEGMENT
CURRENT TIME: 08/20/03 10:17
RUN TIME: 08/20/03 10:15
MET: FROM SCENARIO 10
CUR MET: WS= 6MPH, WD= 81, ST=D
END DATE OF 15 MINUTE RATE
COMPUTATION: 08/20/03 10:23
START RELEASE: 08/20/03 07:23
END RELEASE: 08/20/03 10:23
RELEASE: MONITOR VALUES FROM
SCENARIO 10 - ACCIDENT TYPE 03
CUR REL RATE(CI/SEC): 2.2E-03
TOTAL CI: NG:1.2E+01, I:1.2E-01
P:1.7E-03

PEAK TEDE (MREM/HR) : 7.9E-03
DIR(TO): W DIST(MILES): 1.4
TEDE/EDE AT PEAK TEDE: 1.1E+00
PK THY CDE(MREM/HR) : 2.3E-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

10:15 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 10:02

RUN TIME: 08/20/03 10:00

MET: FROM SCENARIO 10

CUR MET: WS= 5MPH, WD= 80, ST=D

END DATE OF 15 MINUTE RATE

COMPUTATION: 08/20/03 10:08

START RELEASE: 08/20/03 07:23

END RELEASE: 08/20/03 10:08

RELEASE: MONITOR VALUES FROM

SCENARIO 10 - ACCIDENT TYPE 03

CUR REL RATE(CI/SEC): 1.7E-03

TOTAL CI: NG:1.0E+01, I:1.2E-01

P:7.4E-04

PEAK GAM&B (MREM/HR) : 7.2E-03

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

CONTOUR LEGEND

	GAM+BETA (MR/HR)	OPEN WIN (MR/HR)	FRISKER (CPM)
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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 10:03
RUN TIME: 08/20/03 10:00
MET: FROM SCENARIO 10
CUR MET: WS= 5MPH, WD= 80, ST=D
END DATE OF 15 MINUTE RATE
COMPUTATION: 08/20/03 10:08
START RELEASE: 08/20/03 07:23
END RELEASE: 08/20/03 10:08
RELEASE: MONITOR VALUES FROM
SCENARIO 10 - ACCIDENT TYPE 03
CUR REL RATE(CI/SEC): 1.7E-03
TOTAL CI: NG:1.0E+01, I:1.2E-01
P:7.4E-04

PEAK GAMMA (MREM/HR) : 6.0E-03
DIR(TO): W DIST(MILES): 1.4

CONTOUR LEGEND

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

POINT
OF
INTEREST

MAP
FEATURES

SELECT
AREA

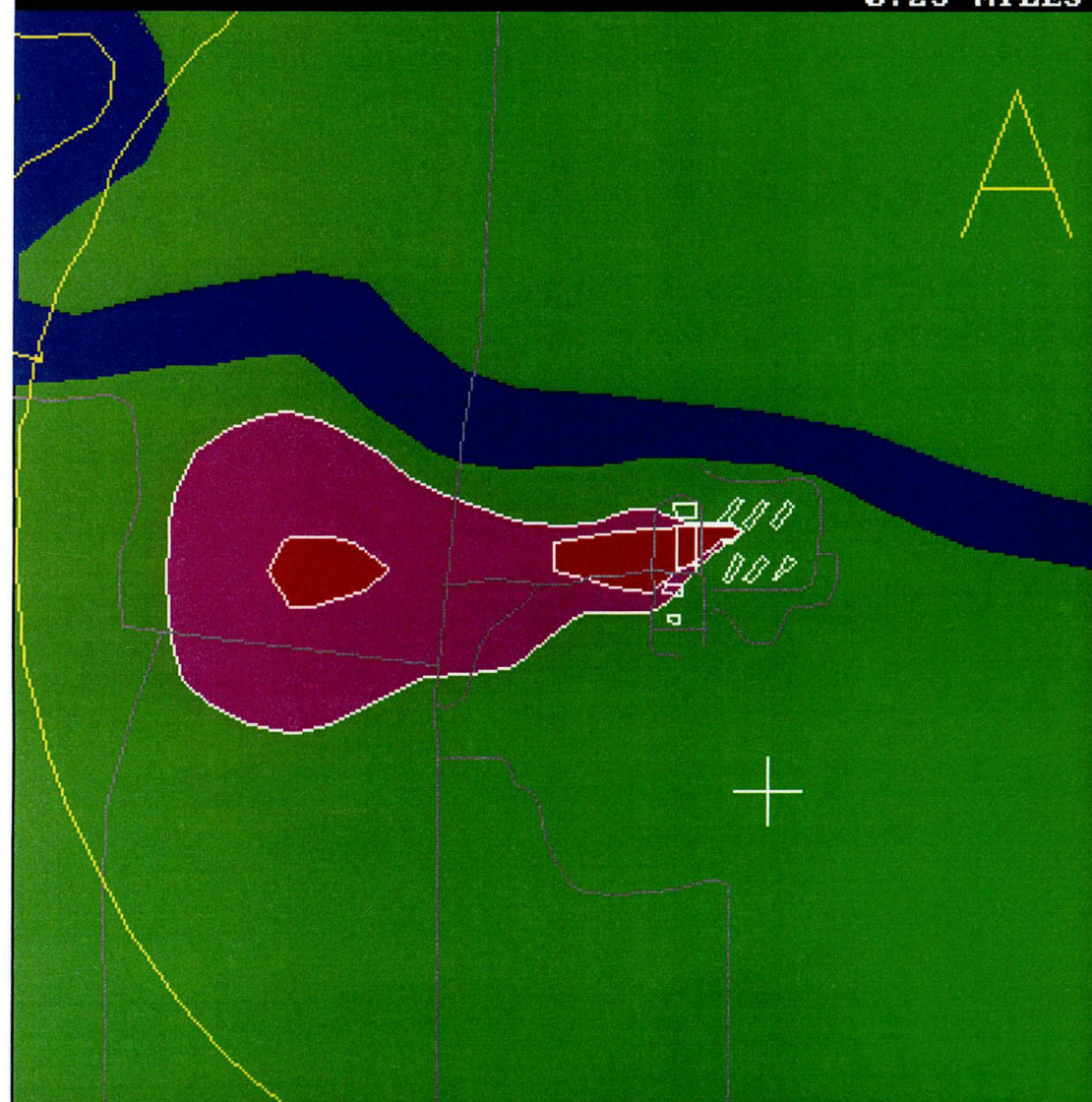
RESTORE

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 10:03

RUN TIME: 08/20/03 10:00

MET: FROM SCENARIO 10

CUR MET: WS= 5MPH, WD= 80, ST=D

END DATE OF 15 MINUTE RATE

COMPUTATION: 08/20/03 10:08

START RELEASE: 08/20/03 07:23

END RELEASE: 08/20/03 10:08

RELEASE: MONITOR VALUES FROM

SCENARIO 10 - ACCIDENT TYPE 03

CUR REL RATE(CI/SEC): 1.7E-03

TOTAL CI: NG:1.0E+01, I:1.2E-01

P:7.4E-04

PEAK FM TH (MREM/HR) : 1.3E-02

DIR(TO): W DIST(MILES): 1.1

CONTOUR LEGEND

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

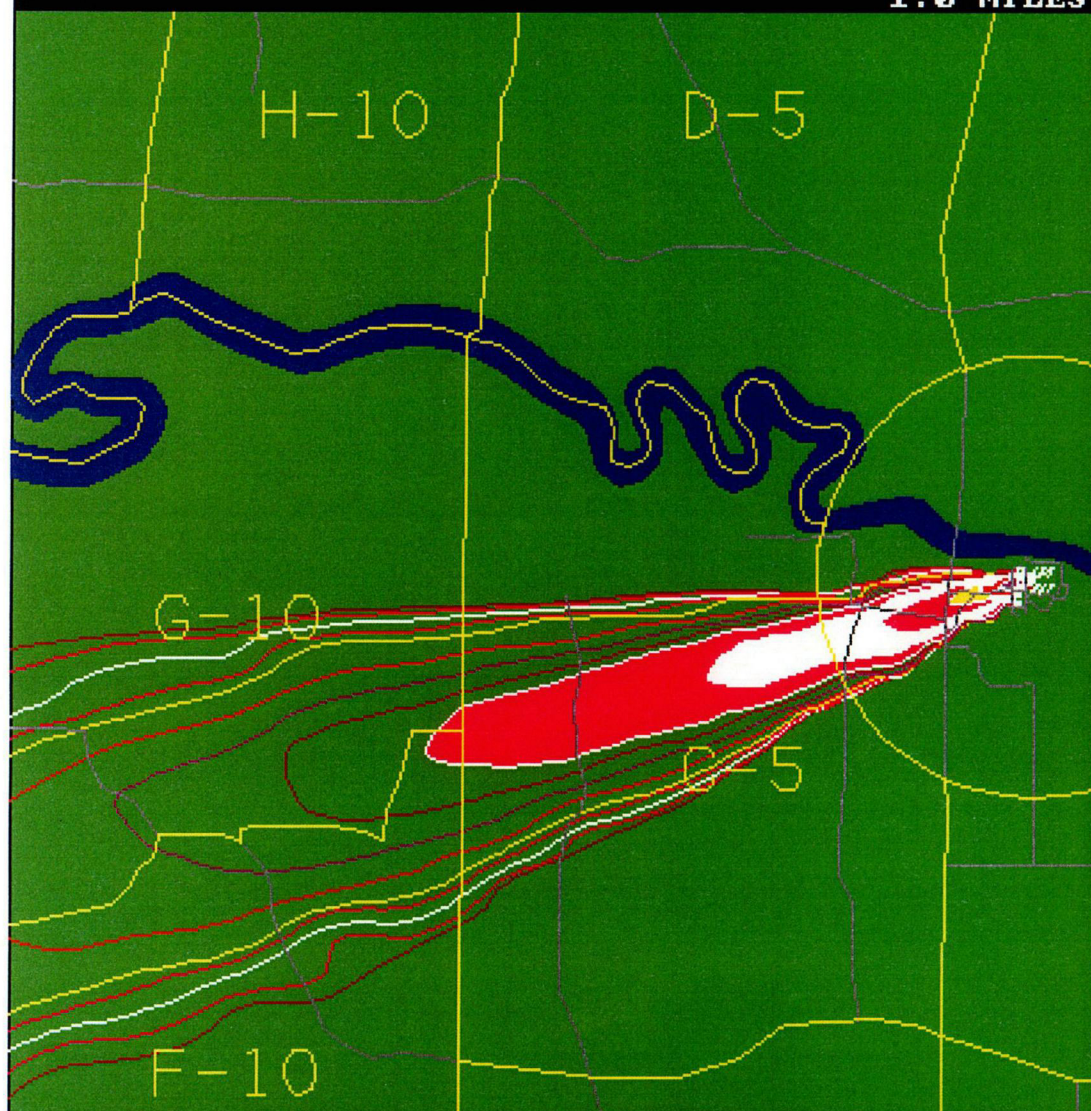
SELECT
AREA

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 10:04
 RUN TIME: 08/20/03 10:00
 MET: FROM SCENARIO 10
 CUR MET: WS= 5MPH, WD= 80, ST=D
 START OF INTEG: 08/20/03 09:53
 END OF INTEG: 08/20/03 10:08
 START RELEASE: 08/20/03 07:23
 END RELEASE: 08/20/03 10:08
 RELEASE: MONITOR VALUES FROM
 SCENARIO 10 - ACCIDENT TYPE 03
 CUR REL RATE(CI/SEC): 1.7E-03
 TOTAL CI: NG:1.0E+01, I:1.2E-01
 P:7.4E-04

PEAK CONC. (UCI/M**2): 5.8E-04
 DIR(TO): WSW DIST(MILES): 0.9

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

POINT
OF
INTEREST

MAP
FEATURES

SELECT
AREA

RESTORE

CONTINUE

10:30 AM
Dose
Projection
Result

MESSAGE NUMBER

****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 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 TEDE (MREM/HR) : $7.1E-03$

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

TEDE/EDE AT PEAK TEDE: $1.2E+00$

PK THY CDE(MREM/HR) : $2.7E-02$

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

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

10:30 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 10:18

RUN TIME: 08/20/03 10:15

MET: FROM SCENARIO 10

CUR MET: WS= 6MPH, WD= 81, ST=D

END DATE OF 15 MINUTE RATE

COMPUTATION: 08/20/03 10:23

START RELEASE: 08/20/03 07:23

END RELEASE: 08/20/03 10:23

RELEASE: MONITOR VALUES FROM

SCENARIO 10 - ACCIDENT TYPE 03

CUR REL RATE(CI/SEC): 2.2E-03

TOTAL CI: NG:1.2E+01, I:1.2E-01

P:1.7E-03

PEAK GAM&B (MREM/HR) : 9.3E-03

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

CONTOUR LEGEND

	GAM+BETA (MR/HR)	OPEN WIN (MR/HR)	FRISKER (CPM)
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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 10:18

RUN TIME: 08/20/03 10:15

MET: FROM SCENARIO 10

CUR MET: WS= 6MPH, WD= 81, ST=D

END DATE OF 15 MINUTE RATE

COMPUTATION: 08/20/03 10:23

START RELEASE: 08/20/03 07:23

END RELEASE: 08/20/03 10:23

RELEASE: MONITOR VALUES FROM

SCENARIO 10 - ACCIDENT TYPE 03

CUR REL RATE(CI/SEC): 2.2E-03

TOTAL CI: NG:1.2E+01, I:1.2E-01

P:1.7E-03

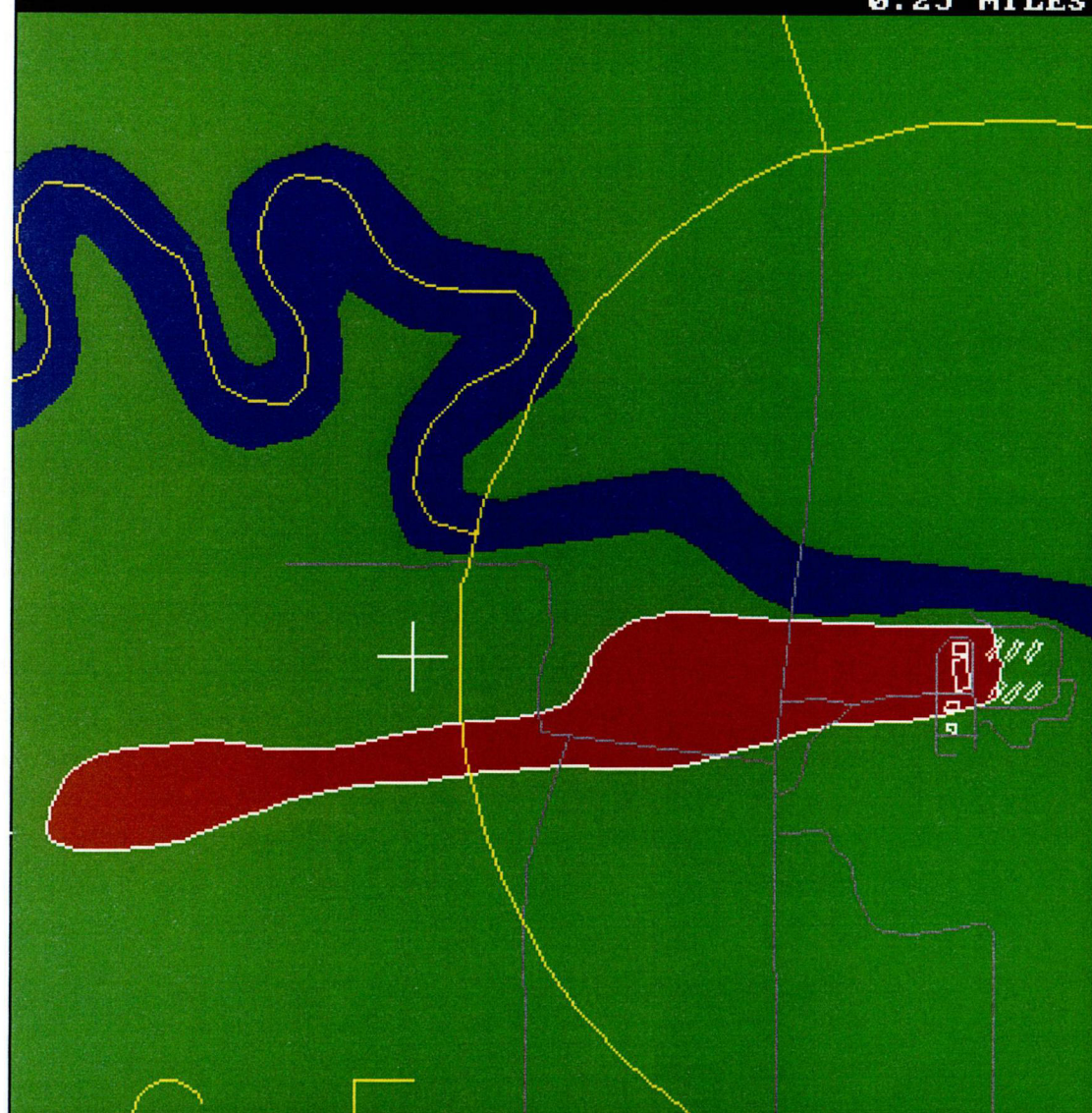
PEAK GAMMA (MREM/HR) : 7.1E-03

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

CONTOUR LEGEND

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

1	1.0E-03	1.0E-03	3.6E+00
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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 10:19

RUN TIME: 08/20/03 10:15

MET: FROM SCENARIO 10

CUR MET: WS= 6MPH, WD= 81, ST=D

END DATE OF 15 MINUTE RATE

COMPUTATION: 08/20/03 10:23

START RELEASE: 08/20/03 07:23

END RELEASE: 08/20/03 10:23

RELEASE: MONITOR VALUES FROM

SCENARIO 10 - ACCIDENT TYPE 03

CUR REL RATE(CI/SEC): 2.2E-03

TOTAL CI: NG:1.2E+01, I:1.2E-01

P:1.7E-03

PEAK FM TH (MREM/HR) : 2.3E-02

DIR(°): W DIST(MILES): 1.4

CONTOUR LEGEND

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

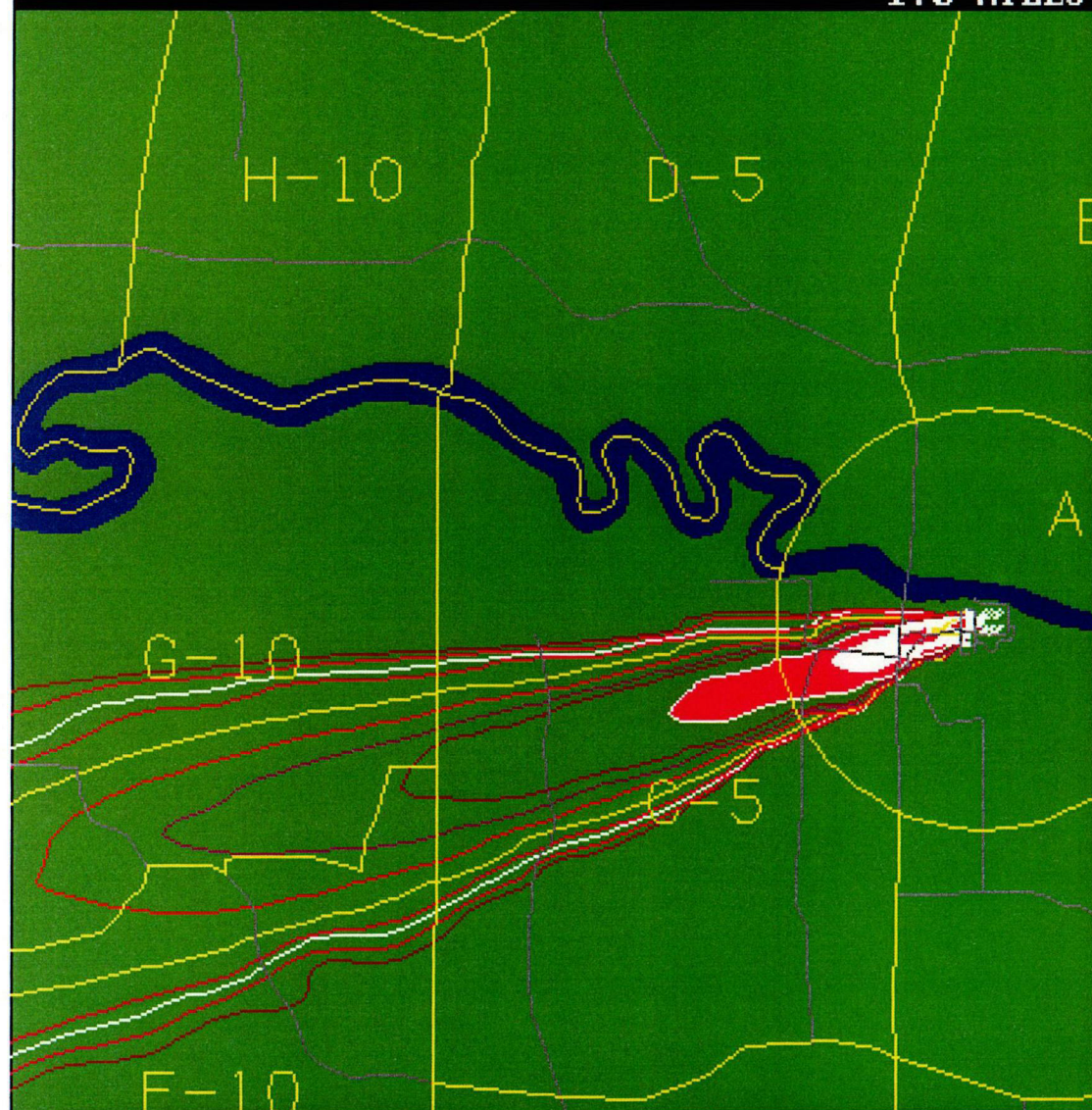
CONTINUE

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 10:19
 RUN TIME: 08/20/03 10:15
 MET: FROM SCENARIO 10
 CUR MET: WS= 6MPH, WD= 81, ST=D
 START OF INTEG: 08/20/03 10:08
 END OF INTEG: 08/20/03 10:23
 START RELEASE: 08/20/03 07:23
 END RELEASE: 08/20/03 10:23
 RELEASE: MONITOR VALUES FROM
 SCENARIO 10 - ACCIDENT TYPE 03
 CUR REL RATE(CI/SEC): 2.2E-03
 TOTAL CI: NG:1.2E+01, I:1.2E-01
 P:1.7E-03

PEAK CONC. (UCI/M**2): 6.1E-04
 DIR(TO): WSW DIST(MILES): 0.9

CONTOUR CONCENTRATION		EXCEEDS
LEGEND (UCI/M2)		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

10:45 AM
Dose
Projection
Result

MESSAGE NUMBER

2. SITE: PLANT HATCH UNIT: REPORTED BY:

4. AUTHENTICATION (If Required): _____
 (Number) (Codeword)

[D] GENERAL EMERGENCY

7. EMERGENCY DESCRIPTION/REMARKS:

9. REACTOR STATUS: [A] SHUTDOWN TIME/DATE: _____ [B] _____ %POWER
(Eastern) mm dd yy

[D] HAS OCCURRED

[D] OTHER

6.9E-03

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[D] PRECIPITATION(type) NO RAIN
```

[D] OTHER

****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 10:47

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 TEDE (MREM/HR) : 1.0E-02

DIR(TO): W DIST(MILES): 1.1

TEDE/EDE AT PEAK TEDE: 1.1E+00

PK THY CDE(MREM/HR) : 2.8E-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