RGE AND An Energy East Company

ROCHESTER GAS AND ELECTRIC CORPORATION • 89 EAST AVENUE, ROCHESTER, N.Y. 14649-0001 • 585 546-2700 www.rge.com

October 8, 2003

U.S. Nuclear Regulatory Commission
Document Control Desk
Washington, DC 20555
Attn: Mr. Robert Clark (Mail Stop O-8-E9)
Project Directorate I-1

Subject: Revision to Emergency Plan Implementing Procedures
R.E. Ginna Nuclear Power Plant
Docket No. 50-244

Gentlemen:

In accordance with 10 CFR 50.4(b)(5), enclosed are revisions to Ginna Station Emergency Plan Implementing Procedures (EPIP).

We have determined, per the requirements of 10 CFR 50.54(q), that the procedure changes do not decrease the effectiveness of our Nuclear Emergency Response Plan.

Very truly yours,

Richard J. Watts

Richard J. Watts
Manager, Nuclear Training Department

Enclosures

xc: USNRC Region 1 (2 copies of letter and 2 copies of each procedure)
Resident Inspector, Ginna Station (1 copy of letter and 1 copy of each procedure)
RG&E Nuclear Safety and Licensing (1 copy of letter)
Dr. Robert C. Mecredy (2 copies of letter only)

RJW/jtw

A045

| PROCEDURE | REVISION NUMBER |
|---|---|
| EPIP 2-6 | 13 |
| EPIP 3-1 | 25 |
| EPIP 5-9 | 8 |

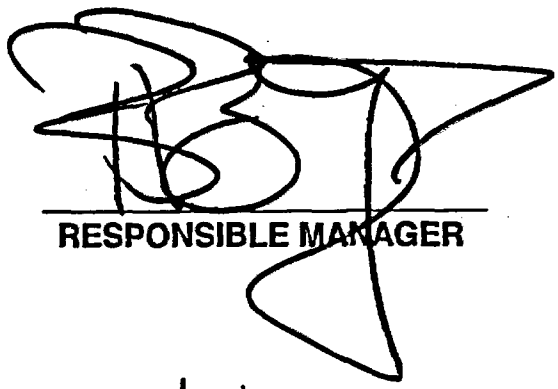
ROCHESTER GAS AND ELECTRIC CORPORATION

GINNA STATION

CONTROLLED COPY NUMBER 23

PROCEDURE NO. EPIP 2-6 REV. NO. 13

# EMERGENCY DOSE PROJECTIONS - MIDAS PROGRAM



RESPONSIBLE MANAGER

10/08/03

EFFECTIVE DATE

CATEGORY 1.0

THIS PROCEDURE CONTAINS 9 PAGES

# EPIP 2-6

## EMERGENCY DOSE PROJECTIONS - MIDAS PROGRAM

1.0 PURPOSE

1.1 The purpose of this procedure is to provide operating instructions for using the emergency dose assessment routines contained in the MIDAS program.

2.0 RESPONSIBILITY

The TSC or EOF Dose Assessment Manager is responsible for implementing this procedure.

3.0 REFERENCES

3.1 Developmental References

3.1.1 MIDAS User's Manual. Prepared by Pickard, Lowe and Garrick, Inc.

3.1.2 EPA-400, Manual of Protective Action Guides and Protective Actions for Nuclear Incidents (1991)

3.1.3 Ginna UFSAR, Chapter 15.

3.1.4 Regulatory Guide 1.109

3.2 Implementing References

3.2.1 EPIP 2-1, Protective Action Recommendations

3.2.2 EPIP 2-2, Obtaining Meteorological Data and Forecasts and Then Use in Emergency Dose Assessment

3.2.3 EPIP 2-3, Emergency Release Rate Determination

3.2.4 EPIP 2-4, Emergency Dose Projections - Manual Method

4.0 PRECAUTIONS

4.1 The MIDAS program will disconnect if the initial entry responses are incorrectly entered three times.

4.2 In the event of any computer or phone problems, call Pickard, Lowe & Garrick (PL&G) at 301-907-9100.

5.0 **PREREQUISITES:**

None.

6.0 **ACTIONS:**

6.1 Turn on personal computer, monitor and HP printer.

6.2 Use of MIDAS computer program

6.2.1 Double click the mouse pointer on the MIDAS icon.

6.2.2 Wait for the blinking cursor in the lower left corner of the monitor. To connect to MIDAS, enter:

**ATDT913019212356**
or
**ATDT912406312423**

and <RETURN>

6.2.3 The following should appear on the screen:

Welcome to Open VMS VAX V6.2
Username:

**NOTE: LOG IN WITH CAPITAL LETTERS.**

6.2.4 Enter the USERNAME of GINNA and <RETURN>, followed by the PASSWORD of LAKELA and <RETURN>.

6.2.5 Enter CO for color graphics menu.

6.2.6 The MIDAS logo will appear.

At the FUNCTION MENU Choose:

"ACCIDENT DOSE CALCULATIONS (AC)"
then, select CONFIRM.

6.2.7 At the ACCIDENT DOSE CALCULATIONS (AC) menu choose:

the location from which you are operating,
then select CONFIRM.

6.2.8 At the ACCIDENT RUN MENU SELECTION choose:

"MODEL 3 TSC LETTER A MANUAL ENTRY" or "MODEL 3 EOF LETTER G MANUAL ENTRY"
then, select CONFIRM.

6.2.9 At the MISCELLANEOUS PARAMETERS menu choose:

"MANUAL" and
Set "MAX DIST DOWNWIND (MILES)" to 10 and turn on:
"REL PT 1 PLT VT" - for Plant Vent (R-14) releases
"REL PT 2 CONT VT" - for Containment Vent releases
"REL PT 3 AIR EJ" - for Air Ejector (R-15) releases
"REL PT 4 STM VL" - for other releases (i.e. ARV/Safety)

**NOTE: STANDARD VALUES ARE AS FOLLOWS:**

| | | |
|---|---|---|
| **PLANT VENT** | **=** | **Normal = 7.78E+04CFM**<br>**Emergency = 7.13E+04 CFM** |
| **CONTAINMENT VENT (Normal and Emergency)** | **=** | **1.53E+04 CFM** |
| **AIR EJECTOR (Normal and Emergency)** | **=** | **6.00E+02 CFM** |
| **STEAM VENT** | **=** | **(SEE EPIP 2-3)** |

6.2.9.1 Adjust release point flows by selecting associated FLOW (EX VEL) by:

a. clicking on the box
b. select the proper flowrate on the calculator in the upper right side of the menu. (Press BS to backspace, CL to clear number)
c. when the proper number is displayed choose EN

6.2.9.2 Choose CONFIRM when data is correct.

**NOTE: THE MIDAS PROGRAM IS ALWAYS IN EASTERN STANDARD TIME (EST). (DURING EASTERN DAYLIGHT SAVINGS TIME SUBTRACT 1 HOUR FROM ALL TIMES) (EDST)**

6.2.10 At the RUN TIME AND INTEGRATION TIME SELECTION menu choose:

"PROJECTED (FORECAST) DOSE", set "START DATE OF INTEGRATION" to release start time and set "PROJ. TIMES (HRS)" to 4, then select CONFIRM.

6.2.11 At the RELEASE OPTION MENU choose:

"MANUAL ENTRY OF EACH MONITOR READING" then, select CONFIRM.

6.2.12 At the DBA ACCIDENT TYPE SELECTION menu choose:

"UNKNOWN MIX" then select CONFIRM.

NOTE: **FOR A GIVEN VENT, DO NOT ENTER DATA FROM MORE THAN ONE MONITOR MEASURING THE SAME RELEASE PARAMETERS. (E.G., IF ENTERING A READING FOR R-14 (PLANT VENT NOBLE GAS), DO NOT ALSO ENTER A READING FROM SPING 2-7, WHICH IS ALSO INDICATING PLANT VENT NOBLE GAS).**

6.2.13 At the RADIATION MONITOR READINGS menu, input the reading for the radiation monitors to be processes.

6.2.14 Choose CONFIRM when the data is correct.

6.2.15 At the RELEASE TIMING SELECTION menu,

a. Select "TRIP DATE" and enter the correct reactor shutdown time.
b. Select "RELEASE DURATION" and enter expected release duration. (If unknown enter 240 minutes [4 hours]).
c. Select "RELEASE START MIN SINCE TRIP" and enter minutes between reactor shutdown time and release start time.

6.2.16 Choose CONFIRM when the data is correct.

6.2.17 At the WEATHER SELECTION menu enter:

NOTE: **THE WIND SPEED INDICATOR AT THE 33 FOOT LEVEL IS DESIGNED TO MEASURE ONLY TO 50 MILES PER HOUR.**

a. 33 ft. wind speed (SP33A)
b. 33 ft. direction (DR33A)
c. 150 ft. delta temperature (DT150A)
d. 33 ft. temperature (TER33A)
e. rain (inches) amount of rain in the last 15 minutes
f. 150 ft. wind speed (SP150A)
g. 150 ft. temperature (TE150A)

6.2.18 Choose CONFIRM when the data is correct.

6.2.19 MIDAS will display "RELEASE POINT DATA". Select the printer icon from the toolbar.

6.2.20 Choose CONTINUE

6.2.21 MIDAS will perform calculations and then draw the Integrated TEDE map. When the map is complete. Select the printer icon from the toolbar.

6.2.22 Click on "MAP FEATURES"

6.2.23 Select "WIND SPIDER", then select "CONFIRM".

6.2.24 Select the "POINT OF INTEREST" option, then click the mouse on the plume centerline for any mile radii displayed. (Normally 2 miles, 5 miles and 10 miles)

6.2.25 Select the printer icon from the toolbar to print this screen.

6.2.26 Select "CURSOR HERE TO EXIT"

6.2.27 Select "NEXT REPORT".

6.2.28 Choose MET RAD XQ DOSE SUMRY

6.2.29 Select the printer icon from the toolbar to print this report.

6.2.30 Choose CONTINUE and print out all of the pages to this report.

6.2.31 When the report has been printed, ask the Dose Assessment Manager if any other reports are desired.

6.2.32 When ready to exit MIDAS perform the following:

Double click the mouse on the EXIT or RESET options until the MIDAS message appears that you are logged off the system.

6.2.33 Press ALT-X. A message will appear asking if you want to exit. Press "Y".

6.2.34 At the TGRAF menu press F10 to exit.

6.2.35 The windows menu should be displayed.

7.0 **ATTACHMENTS**:

1. Radiation Monitor Location and Types
2. Entry Units for Radiation Effluent Monitors
3. Met Rad XQ Dose Summary

# RADIATION MONITOR LOCATION AND TYPES

| MONITOR NO | MONITOR ID | RELEASE POINT | MONITOR LOCATION | TYPE OF RADIATION |
|---|---|---|---|---|
| 1 | R10B | 1 | PLANT VENT | IODINE |
| 2 | R14 | 1 | PLANT VENT | NOBLE GAS |
| 3 | R13 | 1 | PLANT VENT | PARTICULATE |
| 4 | SPING2-3 | 1 | PLANT VENT | IODINE (R14A) |
| 5 | SPING2-7 | 1 | PLANT VENT | NOBLE GAS (R14A) |
| 6 | SPING2-9 | 1 | PLANT VENT | NOBLE GAS (R14A) |
| 7 | R10A | 2 | CONT VENT | IODINE |
| 8 | R11 | 2 | CONT VENT | PARTICULATE |
| 9 | R12 | 2 | CONT VENT | NOBLE GAS |
| 10 | SPING1-3 | 2 | CONT VENT | IODINE (R12A) |
| 11 | SPING1-7 | 2 | CONT VENT | NOBLE GAS (R12A) |
| 12 | SPING1-9 | 2 | CONT VENT | NOBLE GAS (R12A) |
| 13 | R15 | 3 | AIR EJECT | NOBLE GAS |
| 14 | SPING3-7 | 3 | AIR EJECT | NOBLE GAS (R15A) |
| 15 | SPING3-9 | 3 | AIR EJECT | NOBLE GAS (R15A) |
| 16 | DAM3 | 4 | STEAM VENT | |
| 17 | ULRPNG-1 | 4 | UNIDENTIFIED | |
| 18 | ULRPI-1 | 4 | UNIDENTIFIED | |

# ENTRY UNITS FOR RADIATION EFFLUENT MONITORS

| Monitor | Entry Units |
|---|---|
| R10B | CPM/hr |
| R14 | CPM |
| R13 | CPM |
| SPING2-3 | uCi/cc |
| SPING2-7 | uCi/cc |
| SPING2-9 | uCi/cc |
| R10A | CPM/hr |
| R11 | CPM |
| R12 | CPM |
| SPING1-3 | uCi/cc |
| SPING1-7 | uCi/cc |
| SPING1-9 | uCi/cc |
| R15 | CPM |
| SPING3-7 | uCi/cc |
| SPING3-9 | uCi/cc |
| DAM3 | mrem/hr |
| ULRPNG-1 | uCi/cc |
| ULRPI-1 | CPM |

**DOSE RATE SUMMARY PRINT REPORT**

SITE: GINNA MENU: S DATE: 11/16/93 11:18

| PROJECTION TIME | SITE BNDRY 0.03 (MI) | 2 MILES | 5 MILES | 10 MILES | PEAK | DISTANCE TO PEAK (MI) |
|---|---|---|---|---|---|---|
| | | | TEDE DOSE RATE (REM/HR) | | | |
| 1 | 2.4E-06 | 1.4E-06 | 8.4E-07 | 2.9E-07 | 5.4E-06 | .3 |
| 2 | 4.6E-11 | 2.5E-11 | 6.4E-12 | 2.2E-12 | 1.4E-08 | 13.5 |
| 3 | 4.4E-1 | 2.5E-11 | 6.3E-12 | 2.2E-12 | 9.5E-11 | .4 |
| 4 | 4.2E-11 | 2.5E-11 | 5.9E-12 | 2.1E-12 | 9.0E-11 | .4 |
| | | | THYROID CDE RATE (REM/HR) | | | |
| 1 | 1.9E-07 | 1.1E-07 | 2.6E-08 | 9.4E-09 | 4.3E-07 | .4 |
| 2 | 0.0E+00 | 0.0E+00 | 0.0E+00 | 0.0E+00 | 0.0E+00 | 12.6 |
| 3 | 0.0E+00 | 0.0E+00 | 0.0E+00 | 0.0E+00 | 0.0E+00 | .3 |
| 4 | 0.0E+00 | 0.0E+00 | 0.0E+00 | 0.0E+00 | 0.0E+00 | .3 |
| | | | EDE RATE (REM/HR) | | | |
| 1 | 2.4E-06 | 1.4E-06 | 8.4E-07 | 2.9E-07 | 5.4E-06 | .3 |
| 2 | 4.6E-11 | 2.5E-11 | 6.4E-12 | 2.2E-12 | 1.4E-08 | 13.5 |
| 3 | 4.4E-1 | 2.5E-11 | 6.3E-12 | 2.2E-12 | 9.5E-11 | .4 |
| 4 | 4.2E-11 | 2.3E-11 | 5.9E-12 | 2.1E-12 | 9.0E-11 | .4 |
| | | | X/Q (SEC/M3) | | | |
| 2 | 4.8E-06 | 2.7E-06 | 7.3E-07 | 2.8E-07 | 9.4E-06 | 1.2 |

## PATHWAY SUMMARY PRINT REPORT

SITE: GINNA MENU: S DATE: 11/16/93 11:18

| PROJECTION TIME | SITE BNDRY 0.03 (MI) | 2 MILES | 5 MILES | 10 MILES | PEAK | DISTANCE TO PEAK (MI) |
|---|---|---|---|---|---|---|
| | | | TEDE DOSE RATE (REM/HR) | | | |
| 1 | 2.4E-06 | 1.4E-06 | 8.4E-07 | 2.9E-07 | 5.4E-06 | .3 |
| 2 | 0.0E+00 | 0.0E+00 | 0.0E+00 | 0.0E+00 | 1.4E-08 | 13.5 |
| 3 | 0.0E+00 | 0.0E+00 | 0.0E+00 | 0.0E+00 | 0.0E+00 | .3 |
| 4 | 0.0E+00 | 0.0E+00 | 0.0E+00 | 0.0E+00 | 0.0E+00 | .3 |
| | | | TEDE 4-DAY GROUND SHINE (REM/HR) | | | |
| 1 | 3.0E-07 | 1.5E-11 | 2.7E-12 | 3.8E-09 | 7.1E-11 | .4 |
| 2 | 4.6E-11 | 2.5E-11 | 6.4E-12 | 2.2E-12 | 9.9E-11 | .4 |
| 3 | 4.4E-11 | 2.5E-11 | 6.3E-12 | 2.2E-12 | 9.5E-11 | .4 |
| 4 | 4.2E-11 | 2.5E-11 | 5.9E-12 | 2.1E-12 | 9.0E-11 | .4 |
| | | | TEDE INHALATION DOSE RATE (REM/HR) | | | |
| 1 | 5.7E-08 | 3.2E-09 | 7.9E-10 | 2.8E-10 | 1.3E-08 | .4 |
| 2 | 0.0E+00 | 0.0E+00 | 0.0E+00 | 0.0E+00 | 2.3E-10 | 12.6 |
| 3 | 0.0E+00 | 0.0E+00 | 0.0E+00 | 0.0E+00 | 0.0E+00 | .3 |
| 4 | 0.0E+00 | 0.0E+00 | 0.0E+00 | 0.0E+00 | 0.0E+00 | .3 |
| | | | RATIO OF TEDE TO EDE RATE | | | |
| 1 | 1.0E+00 | 1.0E+00 | 1.0E+00 | 1.0E+00 | 1.0E+00 | .3 |
| 2 | 1.0E+00 | 1.0E+00 | 1.0E+00 | 1.0E+00 | 2.5E+03 | 13.5 |
| 3 | 1.0E+00 | 1.0E+00 | 1.0E+00 | 1.0E+00 | 1.9E+00 | .4 |
| 4 | 1.0E+00 | 1.0E+00 | 1.0E+00 | 1.0E+00 | 1.9E+00 | .4 |

**ROCHESTER GAS & ELECTRIC CORPORATION**

**GINNA STATION**

Controlled Copy Number 23

Procedure Number EPIP 5-9 Revision Number 8

# TESTING THE OFF HOURS NOTIFICATION OF THE RESPONSE ORGANIZATION AND QUARTERLY TELEPHONE NUMBER CHECKS

RESPONSIBLE MANAGER

10/08/03
EFFECTIVE DATE

Category 1.0

Reviewed by: _____

This procedure contains 3 pages

# EPIP 5-9

## TESTING THE OFF HOURS NOTIFICATION OF THE RESPONSE ORGANIZATION AND QUARTERLY TELEPHONE NUMBER CHECKS

**1.0 PURPOSE**

Provide instruction for quarterly Nuclear Emergency Response Plan telephone number checks and off hours notification testing as required by NUREG-0654.

**2.0 RESPONSIBILITY**

2.1 The Corporate Nuclear Emergency Planner (CNEP), Onsite Emergency Planner (OEP) or designee is responsible for ensuring quarterly checks and periodic notification of primary NERP responders are conducted.

**3.0 REFERENCES**

3.1 NUREG-0654

**4.0 PRECAUTIONS**

None.

**5.0 PREREQUISITES**

None.

**6.0 ACTIONS**

**NOTE: THE CORPORATE NUCLEAR EMERGENCY PLANNER OR DESIGNEE SHALL INITIATE THE EMERGENCY RESPONSE CALL TEST.**

6.1 Conducting an Emergency Response Call Test

6.1.1 Notify all members of the Emergency Planning Group prior to initiating the Emergency Response Call TEST.

6.1.2 Contact the Shift Supervisor and request permission to perform a notification TEST. Give the Shift Supervisor your pager number in case he needs to contact you.

6.1.3 30-Minute Call Out Test

a. Select a telephone and set up voice mail message at the call back number to state, "This is a NERP test. At the tone, leave your name and how long it would take you to respond to the plant."

b. Edit the following file:
S:\teams\NOG training\EP\30 min page\callout.txt

Change the file to: "This is a NERP test call 6772" (or appropriate call back number that was set up above).

c. Activate the 30-minute page by executing the program "Pager.exe".

d. Change the callout.txt file to: Immediately report to Ginna NUE/Rx trip."

6.1.4 Contact Community Alert Network (CAN) at (800) 552-4226. Provide the CANs operator with the following information:

a. This is _____.
( your name)

b. My password is Brookwood.

c. My callback number is: (Your callback number).

d. This is a TEST.

e. Respond to: SITE or FIRE DEPT. EXEMPT HALL.

f. This Emergency Classification declared at: _____.
(Current Time)

g. Message to deliver: TEST.

h. My current time is: _____. Please start notifications now.

6.1.5 Inform the CANS operator to fax the TEST report to the location you desire:

- TSC (585) 771-3927
- Training Center (585) 771-4536

6.1.6 TEST Acceptance Criteria:
(Tests may include one or any combination of the following objectives)

- Verification that responders are available to fill the one hour response positions.
- Verification that responders are available to fill the response support positions.

- Verification that the pager system functions as required.
- Verification of responders' telephone numbers and employee numbers.

6.1.7 Review the voice mail messages left by the 30-minute responders and determine the 30-minute call out results.

6.1.8 Obtain the notification results (report) and determine the 1-hour required positions results and the results of the remainder of the ERO positions.

6.1.9 Report the results to the EP staff and the MOPAR members.

6.1.10 On a quarterly basis, CAN will send the database to the CNEP. The CNEP is responsible for reviewing the database, EPIP 1-5, EPIP 4-7 and EPIP 5-7 and updating as necessary.

**NOTE: THE CORPORATE NUCLEAR EMERGENCY PLANNER OR DESIGNEE SHALL INITIATE THE EMERGENCY RESPONSE NOTIFICATION DRILL.**

6.2 Conducting an Emergency Response Notification Drill

6.2.1 Notify all members of the Emergency Planning Group prior to initiating the Emergency Response Notification DRILL.

6.2.2 Contact the Shift Supervisor and request permission to perform a notification DRILL. Give the Shift Supervisor your pager number in case he needs to contact you.

6.2.3 30-Minute Call Out Drill

a. Edit the following file:
S:\teams\NOG training\EP\30 min page\callout.txt

Change the file to: "Immediately report to Ginna. NERP Drill"

b. Activate the 30-minute page by executing the program "Pager.exe".

c. Change the callout.txt file to: "Immediately report to Ginna. NUE/Rx trip."

6.2.4 Follow the applicable steps in EPIP 1-5, Attachment 2, to conduct the DRILL based upon the extent of play agreement.

6.2.7 Obtain the notification results (report) and determine the 30-minute required position results, the 1-hour required positions results and the results of the remainder of the ERO positions.

6.2.8 Report the results to the EP staff and the MOPAR members.

**7.0 ATTACHMENTS**

None.

INPUT PARAMETERS: TYPE: PREPIP STATUS VALUE(S): EF 5 YEARS ONLY:

## PREPIP EMERGENCY PLAN IMPLEMENTING PROCEDURE

| PROCEDURE NUMBER | PROCEDURE TITLE | REV | EFFECT DATE | LAST REVIEW | NEXT REVIEW | ST |
|---|---|---|---|---|---|---|
| EPIP-1-0 | GINNA STATION EVENT EVALUATION AND CLASSIFICATION | 032 | 09/22/2003 | 06/20/2003 | 06/20/2008 | EF |
| EPIP-1-1 | UNUSUAL EVENT | 004 | 05/23/2003 | 05/23/2003 | 05/23/2008 | EF |
| EPIP-1-2 | ALERT | 004 | 11/02/2001 | 11/02/2001 | 11/02/2006 | EF |
| EPIP-1-3 | SITE AREA EMERGENCY | 005 | 12/09/1996 | 04/09/2003 | 04/09/2008 | EF |
| EPIP-1-4 | GENERAL EMERGENCY | 006 | 05/05/2003 | 05/05/2003 | 05/05/2008 | EF |
| EPIP-1-5 | NOTIFICATIONS | 056 | 09/22/2003 | 09/22/2003 | 09/22/2008 | EF |
| EPIP-1-6 | SITE EVACUATION | 017 | 06/20/2003 | 06/20/2003 | 06/20/2008 | EF |
| EPIP-1-7 | ACCOUNTABILITY OF PERSONNEL | 009 | 11/02/2001 | 11/02/2001 | 11/02/2006 | EF |
| EPIP-1-8 | SEARCH AND RESCUE OPERATION | 006 | 05/23/2003 | 05/23/2003 | 05/23/2008 | EF |
| EPIP-1-9 | TECHNICAL SUPPORT CENTER ACTIVATION | 025 | 08/08/2003 | 08/08/2003 | 08/08/2008 | EF |
| EPIP-1-10 | OPERATIONAL SUPPORT CENTER (OSC) ACTIVATION | 013 | 05/23/2003 | 05/23/2003 | 05/23/2008 | EF |
| EPIP-1-11 | SURVEY CENTER ACTIVATION | 029 | 02/25/2003 | 02/25/2003 | 02/25/2008 | EF |
| EPIP-1-12 | REPAIR AND CORRECTIVE ACTION GUIDELINES DURING EMERGENCY SITUATIONS | 009 | 12/20/2001 | 12/20/2001 | 12/20/2006 | EF |
| EPIP-1-13 | LOCAL RADIATION EMERGENCY | 004 | 02/25/2003 | 02/25/2003 | 02/25/2008 | EF |
| EPIP-1-15 | USE OF THE HEALTH PHYSICS NETWORK HPN | 005 | 04/24/1996 | 03/03/1999 | 03/03/2004 | EF |
| EPIP-1-16 | RADIOACTIVE LIQUID RELEASE TO LAKE ONTARIO OR DEER CREEK | 005 | 02/25/2003 | 02/25/2003 | 02/25/2008 | EF |
| EPIP-1-17 | PLANNING FOR ADVERSE WEATHER | 004 | 05/23/2003 | 05/23/2003 | 05/23/2008 | EF |
| EPIP-1-18 | DISCRETIONARY ACTIONS FOR EMERGENCY CONDITIONS | 006 | 05/05/2003 | 05/05/2003 | 05/05/2008 | EF |
| EPIP-2-1 | PROTECTIVE ACTION RECOMMENDATIONS | 021 | 08/08/2003 | 08/08/2003 | 08/08/2008 | EF |
| EPIP-2-2 | OBTAINING METEOROLOGICAL DATA AND FORECASTS AND THEIR USE IN EMERGENCY DOSE AS | 013 | 12/03/2002 | 12/03/2002 | 12/03/2007 | EF |
| EPIP-2-3 | EMERGENCY RELEASE RATE DETERMINATION | 015 | 07/01/2002 | 07/01/2002 | 07/01/2007 | EF |
| EPIP-2-4 | EMERGENCY DOSE PROJECTIONS - MANUAL METHOD | 014 | 08/08/2003 | 08/08/2003 | 08/08/2008 | EF |
| EPIP-2-5 | EMERGENCY DOSE PROJECTIONS PERSONAL COMPUTER METHOD | 014 | 05/15/2002 | 05/15/2002 | 05/15/2007 | EF |
| EPIP-2-6 | EMERGENCY DOSE PROJECTIONS - MIDAS PROGRAM | 013 | 10/08/2003 | 10/08/2003 | 10/08/2008 | EF |
| EPIP-2-7 | MANAGEMENT OF EMERGENCY SURVEY TEAMS | 011 | 08/09/2002 | 08/09/2002 | 08/09/2007 | EF |
| EPIP-2-8 | VOLUNTARY ACCEPTANCE OF EMERGENCY RADIATION EXPOSURE | 006 | 09/22/2003 | 09/22/2003 | 09/22/2008 | EF |
| EPIP-2-9 | ADMINISTRATION OF POTASSIUM IODIDE (KI) | 008 | 05/23/2003 | 05/23/2003 | 05/23/2008 | EF |
| EPIP-2-10 | INPLANT RADIATION SURVEYS | 004 | 08/09/2002 | 08/09/2002 | 08/09/2007 | EF |
| EPIP-2-11 | ONSITE SURVEYS | 019 | 05/15/2002 | 05/15/2002 | 05/15/2007 | EF |
| EPIP-2-12 | OFFSITE SURVEYS | 022 | 05/15/2002 | 05/15/2002 | 05/15/2007 | EF |

INPUT PARAMETERS: TYPE: PREPIP STATUS VALUE(S): EF 5 YEARS ONLY:

**PREPIP EMERGENCY PLAN IMPLEMENTING PROCEDURE**

| PROCEDURE NUMBER | PROCEDURE TITLE | REV | EFFECT DATE | LAST REVIEW | NEXT REVIEW | ST |
|---|---|---|---|---|---|---|
| EPIP-2-13 | IODINE AND PARTICULATE ACTIVITY DETERMINATION FROM AIR SAMPLES | 008 | 07/27/1999 | 07/27/1999 | 07/27/2004 | EF |
| EPIP-2-14 | POST PLUME ENVIRONMENTAL SAMPLING | 015 | 10/08/2002 | 10/08/2002 | 10/08/2007 | EF |
| EPIP-2-15 | POST PLUME EVALUATION OF OFFSITE DOSES DUE TO DEPOSITION | 006 | 10/08/2002 | 10/08/2002 | 10/08/2007 | EF |
| EPIP-2-16 | CORE DAMAGE ESTIMATION | 013 | 12/03/2002 | 12/03/2002 | 12/03/2007 | EF |
| EPIP-2-17 | HYPOTHETICAL (PRE-RELEASE) DOSE ESTIMATES | 008 | 09/22/2003 | 09/22/2003 | 09/22/2008 | EF |
| EPIP-2-18 | CONTROL ROOM DOSE ASSESSMENT | 015 | 05/23/2003 | 05/23/2003 | 05/23/2008 | EF |
| EPIP-3-1 | EMERGENCY OPERATIONS FACILITY (EOF) ACTIVATION AND OPERATIONS | 024 | 10/08/2003 | 10/08/2003 | 10/08/2008 | EF |
| EPIP-3-2 | ENGINEERING SUPPORT CENTER (ESC) | 010 | 08/09/2002 | 08/09/2002 | 08/09/2007 | EF |
| EPIP-3-3 | IMMEDIATE ENTRY | 010 | 08/08/2003 | 08/08/2003 | 08/08/2008 | EF |
| EPIP-3-4 | EMERGENCY TERMINATION AND RECOVERY | 009 | 02/25/2003 | 02/25/2003 | 02/25/2008 | EF |
| EPIP-3-7 | SECURITY DURING EMERGENCIES | 010 | 10/08/2002 | 10/08/2002 | 10/08/2007 | EF |
| EPIP-4-1 | PUBLIC INFORMATION RESPONSE TO AN UNUSUAL EVENT | 007 | 08/08/2003 | 08/08/2003 | 08/08/2008 | EF |
| EPIP-4-3 | ACCIDENTAL ACTIVATION OF GINNA EMERGENCY NOTIFICATION SYSTEM SIRENS | 013 | 08/08/2003 | 08/08/2003 | 08/08/2008 | EF |
| EPIP-4-6 | JOINT EMERGENCY NEWS CENTER ACTIVATION | 009 | 08/31/2001 | 08/31/2001 | 08/31/2006 | EF |
| EPIP-4-7 | PUBLIC INFORMATION ORGANIZATION STAFFING | 023 | 05/23/2003 | 05/23/2003 | 05/23/2008 | EF |
| EPIP-4-8 | SILENT TESTING OF THE GINNA SIRENS FROM THE TECHNICAL SUPPORT CENTER | 001 | 02/25/2003 | 02/25/2003 | 02/25/2008 | EF |
| EPIP-4-9 | ACTIVATION OF GINNA EMERGENCY SIRENS FROM THE TECHNICAL SUPPORT CENTER | 002 | 05/08/2003 | 05/08/2003 | 05/08/2008 | EF |
| EPIP-4-10 | SILENT TESTING OF THE GINNA SIRENS FROM THE COUNTY ACTIVATION POINTS | 000 | 02/25/2003 | 02/25/2003 | 02/25/2008 | EF |
| EPIP-4-11 | ACTIVATION OF THE GINNA SIRENS FROM THE COUNTY ACTIVATION POINTS | 001 | 05/08/2003 | 05/08/2003 | 05/08/2008 | EF |
| EPIP-5-1 | OFFSITE EMERGENCY RESPONSE FACILITIES AND EQUIPMENT PERIODIC INVENTORY CHECKS AN | 028 | 06/20/2003 | 06/20/2003 | 06/20/2008 | EF |
| EPIP-5-2 | ONSITE EMERGENCY RESPONSE FACILITIES AND EQUIPMENT PERIODIC INVENTORY CHECKS AND | 031 | 06/20/2003 | 06/20/2003 | 06/20/2008 | EF |
| EPIP-5-5 | CONDUCT OF DRILLS AND EXERCISES | 015 | 05/23/2003 | 05/23/2003 | 05/23/2008 | EF |
| EPIP-5-6 | ANNUAL REVIEW OF NUCLEAR EMERGENCY RESPONSE PLAN (NERP) | 004 | 05/28/1999 | 05/28/1999 | 05/28/2004 | EF |
| EPIP-5-7 | EMERGENCY ORGANIZATION | 040 | 05/23/2003 | 05/23/2003 | 05/23/2008 | EF |
| EPIP-5-9 | TESTING THE OFF HOURS CALL-IN PROCEDURE AND QUARTERLY TELEPHONE NUMBER CHECK | 008 | 10/08/2003 | 10/08/2003 | 10/08/2008 | EF |
| EPIP-5-10 | EMERGENCY RESPONSE DATA SYSTEM (ERDS) | 007 | 12/03/2002 | 12/03/2002 | 12/03/2007 | EF |
| NERP | GINNA STATION NUCLEAR EMERGENCY RESPONSE PLAN | 022 | 07/31/2003 | 07/31/2003 | 07/31/2005 | EF |

PREPIP TOTAL: 57

GRAND TOTAL: 57