

ROCHESTER GAS AND ELECTRIC CORPORATION

GINNA STATION

CONTROLLED COPY NUMBER

23

GINNA STATION

UNIT #1

COMPLETED

DATE:-

TIME:-

PROCEDURE NO. SC-232

REV. NO. 1

VOLUNTARY ACCEPTANCE OF EMERGENCY EXPOSURE

TECHNICAL REVIEW

PORC REVIEW DATE

1-23-85

QC REVIEW

PLANT SUPERINTENDENT

EFFECTIVE DATE

QA ☒ NON-QA ☐ CATEGORY 1.0

REVIEWED BY:

THIS PROCEDURE CONTAINS 2 PAGES

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SC-232VOLUNTARY ACCEPTANCE OF EMERGENCY EXPOSURE1.0 PURPOSE:

- 1.1 To provide guidelines to anyone volunteering under emergency conditions.
- 1.2 To designate the persons to be notified of voluntary acceptance of emergency exposures.

2.0 REFERENCES:

- 2.1 National Council on Radiation Protection and Measurement Report No. 39, pages 100, 101.
- 2.2 EPA-52/1-75-001 Manual of Protective Action Guides, Table 5.1.
- 2.3 Radiation Emergency Plan Section 5.4.4.1 and Table 5.1.
- 2.4 Radiation Control Manual Section III B.
- 2.5 IE Informational Notice No. 84-40 "Emergency Worker Doses"

3.0 INSTRUCTIONS:

- 3.1 Reference 2.1 to this procedure shall be used as a guideline for planned radiation exposure under emergency conditions, except that entry into a radiation area to save a person's life should not result in a whole body dose greater than 75 rem.
 - 3.1.1 Entry into radiation areas to control fires, terminate a radioactive release or to prevent further degradation of equipment should not result in a whole body dose greater than 25 rem.
 - 3.1.2 Entry into areas for radiation surveys, air or liquid sampling and similar functions should not result in exposures in excess of the 10 CFR 20 limits. Work permits should be written if time allows.
 - 3.1.3 These limits may be for fire fighting personnel, a search and rescue operation, during a radiation emergency, or during a medical emergency.

- 3.2 Reasonable efforts should be made to minimize exposure to all types of hazards, toxic gasses, fire or radiation.
- 3.3 Persons performing the planned actions should be volunteers familiar with the consequences of exposure. Women capable of reproduction should not be exposed to high levels of radiation.
- 3.4 The Plant Superintendent, Emergency Coordinator, Health Physicist or Fire Brigade Captain should give prior approval to any emergency exposure to hazards. Emergency action shall not be delayed because of lack of authorized work permits.
- 3.5 Internal exposure shall be minimized by respiratory protection, and contamination should be controlled by the use of protective clothing whenever practical.
- 3.6 Radiation exposure resulting from an emergency situation shall be determined and recorded, and will be included as occupational exposure. Voluntary Emergency Radiation Exposure above 10 CFR 20 limits shall be restricted to once in a lifetime.
- 3.7 Whenever personnel are exposed to radiation doses above the occupational exposure limits of 10 CFR 20, the details must be documented and the NRC notified of the event.

ROCHESTER GAS AND ELECTRIC CORPORATION

GINNA STATION

CONTROLLED COPY NUMBER

23

GINNA STATION
UNIT #1
COMPLETED

DATE:-

TIME:-

PROCEDURE NO. SC-302

REV. NO. 3

MANNING THE TECHNICAL SUPPORT CENTER

TECHNICAL REVIEW

PORC REVIEW DATE

5-16-84

QC REVIEW

PLANT SUPERINTENDENT

EFFECTIVE DATE

5-22-84

QA ☒ NON-QA ☐ CATEGORY 1.0

REVIEWED BY:

THIS PROCEDURE CONTAINS 8 PAGES



SC-302MANNING THE TECHNICAL SUPPORT CENTER1.0 PURPOSE:

- 1.1 To designate individuals who would report to the Technical Support Center for an Alert level or greater event. The Technical Support Center personnel provide technical review and advice to the Shift Supervisor and assist in recovery operations.

2.0 REFERENCES:

- 2.1 SC-230 Immediate Entry
- 2.2 SC-200 Emergency Response Organization/Responsibilities

3.0 INSTRUCTIONS:

- 3.1 During normal working hours (or if on site) the following persons will report directly to the Technical Support Center upon announcement of an Alert condition or greater.

1. Plant Superintendent or Assistant
2. Operations Manager or alternate
3. Health Physics and Chemistry Manager
4. Health Physicist or alternate
5. Technical Manager or alternate
6. Technical Project Supervisor or alternate
7. Reactor Engineer or alternate
8. Maintenance Manager or alternate
9. Instrument and Control Supervisor or alternate
10. Maintenance Supervisor or alternate
11. Administrative Manager
12. Data Analyst

13. Security Manager or alternate

14. Nuclear Assurance Manager

3.2 Upon arrival at TSC

3.2.1 Individuals will place their names under appropriate position on magnetic organization chart.

3.2.2 Obtain necessary envelopes/procedures to perform functions from Technical Library.

3.2.3 Perform responsibilities as described in SC-200.

3.2.4 Managers will report to Emergency Coordinator the status of their manpower and needs.

3.2.5 Health Physicist checks radiation levels and airborne activity in TSC. Report results to Emergency Coordinator with recommendations. Place Friker at entrance to TSC.

3.2.6 Plant Superintendent or alternate will assume responsibility of Emergency Coordinator from the Shift Supervisor after:

3.2.6.1 Assuring adequate staff available in TSC

3.2.6.2 Assuring Radiation levels habitable in TSC

3.2.6.3 Assuring he is familiar with present plant status.

3.2.6.4 Assuring all TSC managers and Shift Supervisor are aware he is assuming Emergency Coordinator responsibility.

3.2.7 If radiation levels are greater than 50 mr/hr in TSC move the following to the Shift Supervisor's office.

3.2.7.1 Plant Superintendent (Emergency Coordinator)

3.2.7.2 Operation Manager

3.2.7.3 Health Physics/Chemistry Manager

3.2.7.4 Move the remaining personnel to the Emergency Survey Center.

3.3 During off-duty hours individuals will be called to report to Ginna Station. They may report directly to the TSC using normal entrance procedures.



3.3.1 . Or they may be directed to the Emergency Survey Center where they shall

3.3.1.1 Obtain a Thermal Luminescent Dosimeter (TLD)

3.3.1.2 Obtain appropriate tag from survey center tag board and log name under tag

3.3.1.3 Follow instructions on tag

3.3.1.4 Refer to SC-230 Immediate Entry for additional guidance.

3.4 Tag instruction are shown in Attachment I.

ATTACHMENT I TO SC-302

TAG BOARD ASSIGNMENTS

Emergency Coordinator

Proceed to T.S.C.

Use Protective Guidance of Health
Physicist at T.S.C. or action on
reverse

Notify C.R. of arrival at
T.S.C.

Notify Survey Center of
radiation levels in going
to T.S.C.

INITIATE SC-200 and other
necessary procedures.

Assistant Emergency Coordinator

Notify Emergency Coordinator
of arrival at Emergency
Survey Center

Assist as needed

Proceed to T.S.C. as needed.

Use protective guidance of
Health Physicist at T.S.C.
or actions on reverse side.

Plant Assessment Manager

Proceed to T.S.C.

Use protective guidance of
Health Physicist at T.S.C.
or actions on reverse side.

Report to Emergency Coordinator

REVERSE SIDE

Obtain and Use

TLD
Dosimeter
Dose Rate Meter
Protective Clothing
Full Face Mask
and Filter

REVERSE SIDE

Obtain and Use

TLD
Dosimeter
Dose Rate Meter
Protective Clothing
Full Face Mask
and Filter

REVERSE SIDE

Obtain and Use

TLD
Dosimeter
Dose Rate Meter
Protective Clothing
Full Face Mask
and Filter

Dose Assessment Manager

Proceed to T.S.C.

Use protective guidance of
Health Physicist at T.S.C.
or action on reverse side.

Start Procedure SC-420

Assist Emergency Coordinator
with Offsite consequences

REVERSE SIDE

Obtain and Use

TLD
Dosimeter
Dose Rate Meter
Protective Clothing
Full Face Mask
and Filter

Maintenance Assessment Manager

Proceed to T.S.C.

Use protective guidance of
Health Physicist at T.S.C.
or action on reverse side.

Report to Plant Assessment
Manager

REVERSE SIDE

Obtain and Use

TLD
Dosimeter
Dose Rate Meter
Protective Clothing
Full Face Mask
and Filter

Technical Assessment Manager

Proceed to T.S.C.

Use protective guidance of
Health Physicist at T.S.C.
or action on reverse side

Report to Plant Assessment
Manager

REVERSE SIDE

Obtain and Use

TLD
Dosimeter
Dose Rate Meter
Protective Clothing
Full Face Mask
and Filter

Nuclear Assessment Manager

Proceed to T.S.C.

Use Protective guidance of
Health Physicist at T.S.C.
or action on reverse side.
or action on reverse side.

Report to Plant Assessment
Manager

REVERSE SIDE

Obtain and Use

TLD
Dosimeter
Dose Rate Meter
Protective Clothing
Full Face Mask
and Filter

Instrument Control and Electrical Systems Manager

Proceed to T.S.C.

Use protective guidance of
Health Physicist at T.S.C.
or actions on reverse side.

Report to Plant Assessment
Manager

REVERSE SIDE

Obtain and Use

TLD
Dosimeter
Dose Rate Meter
Protective Clothing
Full Face Mask
and Filter

Mechanical and Hydraulic Systems Manager

Proceed to T.S.C.

Use protective guidance of
Health Physicist at T.S.C.
or actions on reverse side.

Report to Plant Assessment
Manager

REVERSE SIDE

Obtain and Use

TLD
Dosimeter
Dose Rate Meter
Protective Clothing
Full Face Mask
and Filter

Operations Assessment Manager

Proceed to T.S.C.

Use protective guidance of
Health Physicist at T.S.C.
or actions on reverse side.

Notify Control Room of your
arrival at T.S.C.

Report to Plant Assessments
Manager

REVERSE SIDE

Obtain and Use

TLD
Dosimeter
Dose Rate Meter
Protective Clothing
Full Face Mask
and Filter

Computer Analyst

Proceed to T.S.C.

Use protective guidance of
Health Physicist at T.S.C.
or actions on reverse side.

Report to Plant Assessment
Manager

REVERSE SIDE

Obtain and Use

TLD
Dosimeter
Dose Rate Meter
Protective Clothing
Full Face Mask
and Filter

Health Physics and Chemistry Manager

Proceed to T.S.C.

Use protective guidance of
Health Physicist at T.S.C.
or actions on reverse side.

Assist Plant Assessment
Manager in evaluation of
recovery procedures.

REVERSE SIDE

Obtain and Use

TLD
Dosimeter
Dose Rate Meter
Protective Clothing
Full Face Mask
and Filter

Health Physics and Chemistry Technician

Proceed to T.S.C.

Use protective guidance of
Health Physicist at T.S.C.
or actions on reverse side.

Report to Health Physics and
Chemistry Manager

REVERSE SIDE

Obtain and Use

TLD
Dosimeter
Dose Rate Meter
Protective Clothing
Full Face Mask
and Filter

Administrative Communication Manager

Proceed to T.S.C.

Use protective guidance of
Health Physicist at T.S.C.
or actions on reverse side.

Report to Emergency Coordinator

REVERSE SIDE

Obtain and Use

TLD
Dosimeter
Dose Rate Meter
Protective Clothing
Full Face Mask
and Filter

Radio Operator

Proceed to T.S.C.

Use protective guidance of
Health Physicist at T.S.C.
or actions on reverse side.

Report to Administration
and Communication Manager

REVERSE SIDE

Obtain and Use

TLD
Dosimeter
Dose Rate Meter
Protective Clothing
Full Face Mask
and Filter



Switchboard Operator

Proceed to T.S.C.

Use protective guidance of
Health Physicist at T.S.C.
or actions on reverse side.

Report to Administration and
Communications Manager

REVERSE SIDE

Obtain and Use

TLD
Dosimeter
Dose Rate Meter
Protective Clothing
Full Face Mask
and Filter

Communicator

Proceed to T.S.C.

Use protective guidance of
Health Physicist at T.S.C.
or actions on reverse side.

Report to Administration and
Communications Manager

REVERSE SIDE

Obtain and Use

TLD
Dosimeter
Dose Rate Meter
Protective Clothing
Full Face Mask
and Filter

Messenger

Proceed to T.S.C.

Use protective guidance of
Health Physicist at T.S.C.
or actions on reverse side.

Report to Administration and
Communications Manager

REVERSE SIDE

Obtain and Use

TLD
Dosimeter
Dose Rate Meter
Protective Clothing
Full Face Mask
and Filter

Security Manager

Proceed to T.S.C.

Use protective guidance of
Health Physicist at T.S.C.
or actions on reverse side.

Report to Emergency Coordinator

REVERSE SIDE

Obtain and Use

TLD
Dosimeter
Dose Rate Meter
Protective Clothing
Full Face Mask
and Filter

ROCHESTER GAS AND ELECTRIC CORPORATION

GINNA STATION

CONTROLLED COPY NUMBER

23

GINNA STATION
UNIT #1
COMPLETED

DATE:-
TIME:-

PROCEDURE NO. SC-442

REV. NO. 3

MONITORING SITE RADIATION LEVEL BY TLD

TECHNICAL REVIEW

PORC REVIEW DATE

1-23-85

QC REVIEW

PLANT SUPERINTENDENT

2-7-85
EFFECTIVE DATE

QA p NON-QA CATEGORY 1.0

REVIEWED BY:

THIS PROCEDURE CONTAINS 8 PAGES

SC-442MONITORING SITE RADIATION LEVEL BY TLD1.0 PURPOSE:

- 1.1 This procedure describes the use of thermo-luminescent dosimeters, TLD, to determine the radiation level at the site boundary and at selected environmental monitoring locations.

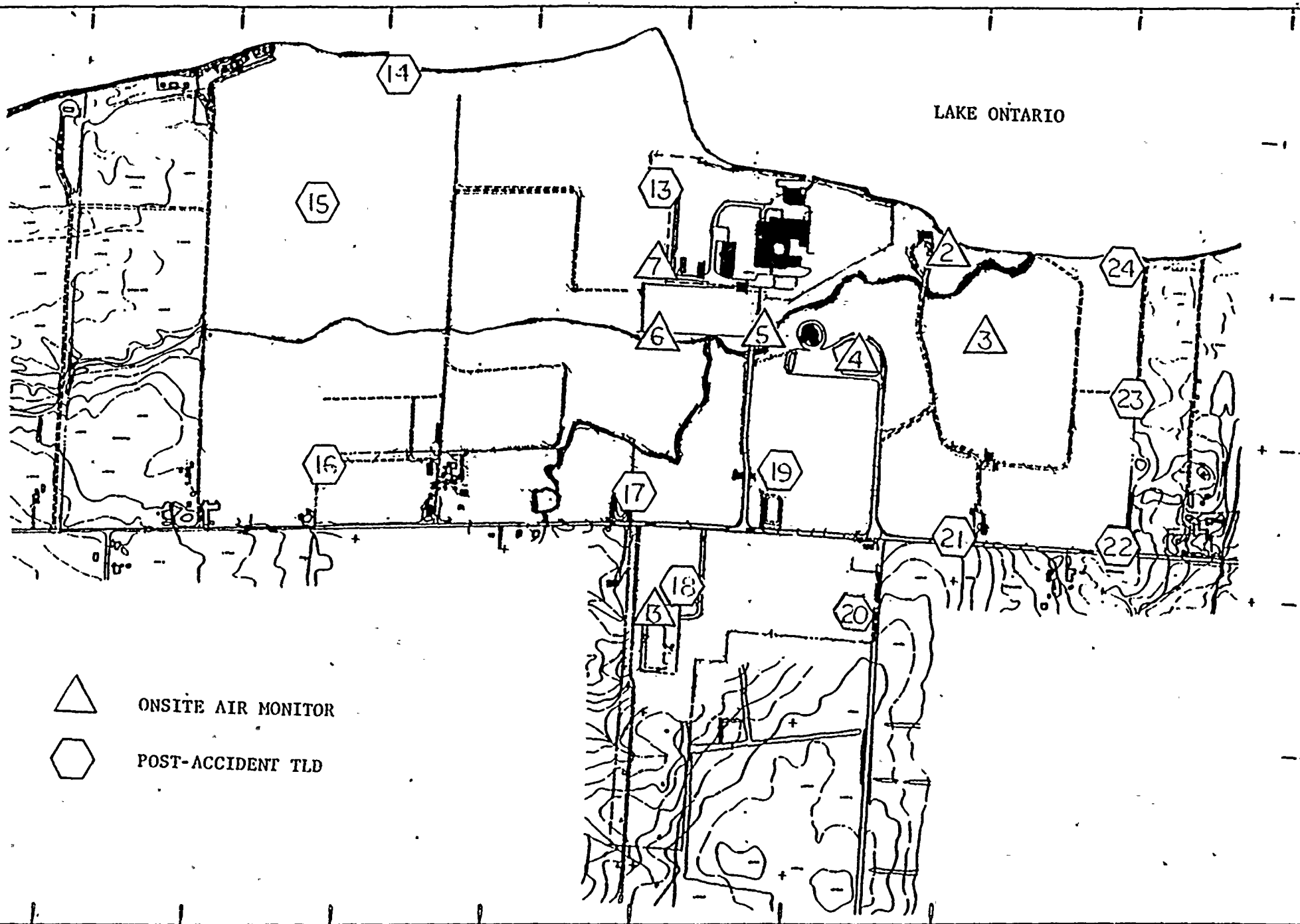
NOTE: All permanently placed TLD's will be changed quarterly and the results used to supplement the environmental report.

2.0 REFERENCES:

- 2.1 Nuclear Emergency Response Plan
- 2.2 Health Physics Procedure, HP-1.8 Panasonic TLD Readout

3.0 INSTRUCTIONS:

- 3.1 Environmental TLD's are placed at the locations shown on attached maps and Tables I and II. Table III give locations at which survey teams will place TLD's as given in procedures SC-323 and SC-324 as directed by the Emergency Coordinator.
- 3.2 The Emergency Coordinator may designate individuals to collect TLD's as deemed necessary to evaluate the radiation doses to the environs. Dose after 4 hours, 1 day and 1 week are significant.
- 3.3 TLD badges may be collected by the site survey teams during their surveys in the area of monitoring stations if directed by Emergency Coordinator or Health Physicist.
- 3.4 Procedure for reading TLD's is found in HP-1.8.
- 3.5 Badges should be replaced as soon as practical so that monitoring can be continued.
- 3.6 TLD's placed at offsite locations by survey teams will be collected and read as directed by the Emergency Coordinator or Health Physicist.



□ TLDs PERMANENTLY PLACED

○ TLDs PLACED BY SURVEY TEAMS

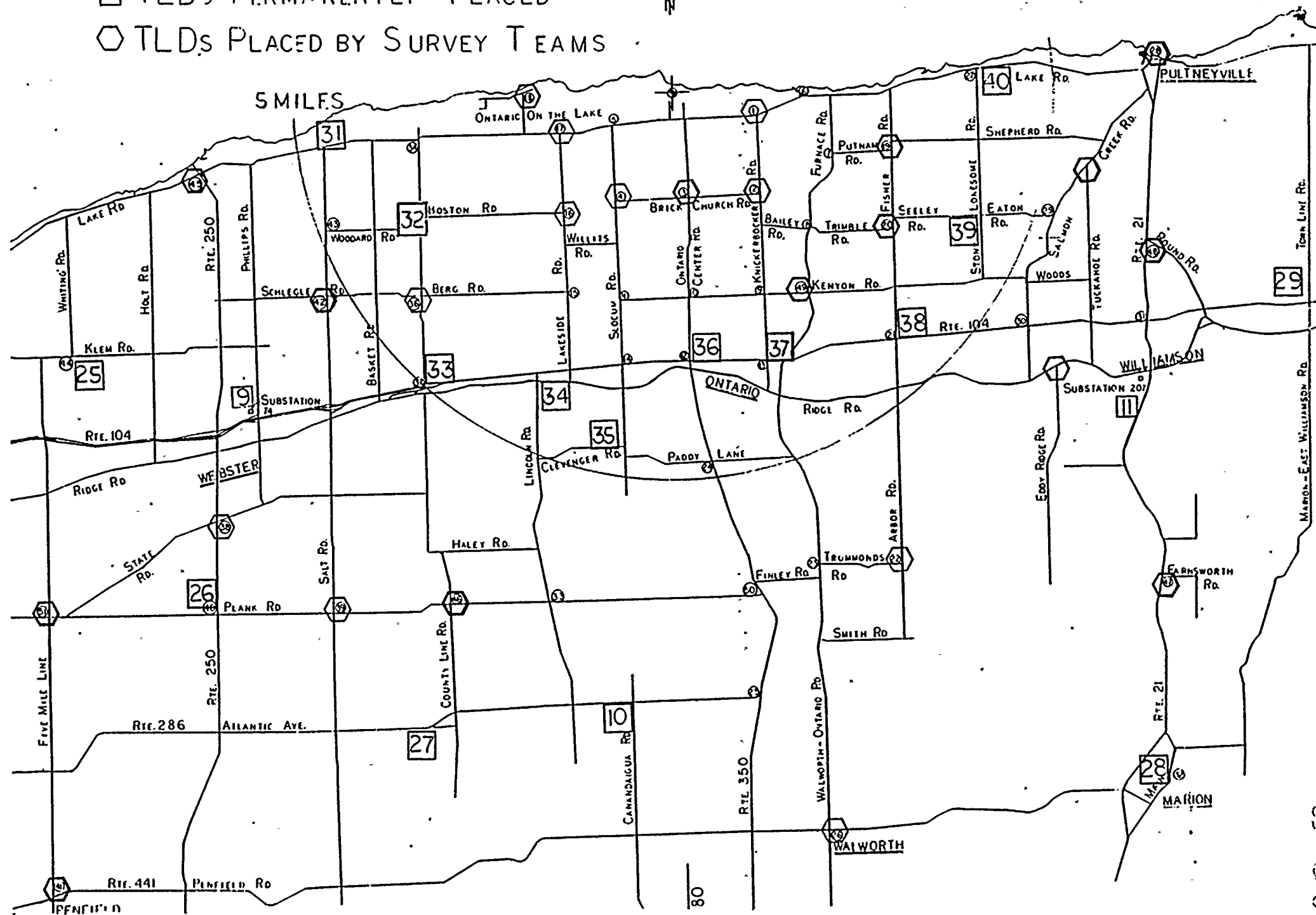


TABLE I

ON SITE ENVIRONMENTAL TLD LOCATIONS

- # 2 - Air Sampler, East side of Manor House
- # 3 - Air Sampler in Field, 300' Southeast of Manor House
- # 4 - Air Sampler in Training Center Driveway Circle
- # 5 - Air Sampler by Plant Road Bridge
- # 6 - Air Sampler Southwest Side of Parking Lot
- # 7 - Air Sampler along West Plant Fence in Orchard
- #13 - West Fence at corner of West Extension of Plant Restricted Area Fence
- #14 - Steel Stake, Northwest Corner, Northend of Field by Lake Shore
- #15 - Steel Stake, Field Access Road, West Side of Orchard, 3000'
West of Plant
- #16 - Steel Stake, Southwest corner of Orchard, 3000' West of Plant,
200' North of Lake Road
- #17 - Power Pole in Orchard - 75' North of Lake Road, 30' East of
Vanderweel and RG&E property line
- #18 - Steel Stake, 30' North of Northeast Corner of 13A Fence Line
- #19 - Steel Stake, 100' East of Plant Road, behind house
- #20 - Steel Stake South Side Lake Road, 200' West of Ontario Center Road
- #21 - Steel Stake 200' West of Ontario Center Road and 170' South of
Lake Road by RG&E Property Marker
- #22 - Steel Stake, Southeast property corner
- #23 - Steel Stake, East property line, midway between Lake Road and
Lake Ontario
- #24 - Steel Stake, Lakeshore near Northeast corner of property

TABLE II

PERMANENT OFF SITE POST ACCIDENT TLD LOCATIONS

<u>Intersection No.</u>	<u>Location</u>	<u>TLD #</u>
93	Topper Dr. - Irondequiot, Substation #51, near near Sea Breeze	#8
59	Phillips Rd. - Webster, Substation #74, at at intersection with Route 104	#9
72	Atlantic Ave. - Walworth, Substation #230, RG&E Rightaway	#10
82	W. Main St. - Williamson, Substation #207, behind business buildings	#11
92	Seaman St. - Sodus Point, Substation #209	#12
44	Klem Rd. - Webster, Substation #75, between Whiting and Five Mile Line Road	#25
40	Plank Rd. - RG&E Service Center, West of Intersection with Route 250	#26
68	Atlantic Ave. - Penfield, Pole #338, West of Wayne-Monroe County Line	#27
32	N. Main St. - Marion, Substation #193, behind Stanton Ag. Service Buildings	#28
84	Town Line Rd. - Williamson, Substation #208, N. of railroad tracks	#29
91	State St. - Sodus, District Office, near fuel pumps	#30
58	Lake Rd. - Webster, pole, north side of road, 500" east of intersection with Salt Rd.	#31
43	Woodard Rd. - Webster, pole, 150" east of County Line Rd.	#32
37	County Line Rd. - Union Hill, pole, 100' east of road along railroad tracks	#33
65	Lincoln Rd. - Ontario, pole, between Ridge Rd. and Route 104	#34
70	Clevenger Rd. - pole on RG&E rightaway	#35

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TABLE II (con't)

12	Route 104 - Ontario, Substation #205, 500' east of intersection with Route 350	#36
13	Railroad Ave. - Ontario, pole in front of 2048	#37
21	Fisher Rd. - Williamson, pole north of railroad tracks, east of road	#38
81	Seeley Rd. - Williamson, south east corner, intersection with Stoney Lonesome Rd.	#39
27	Lake Rd. - Williamson, south east corner, intersection with Stoney Lonesome Rd.	#40

TABLE III

POST ACCIDENT TLD LOCATIONS PLACED BY SURVEY TEAMS

<u>Intersection No.</u>	<u>Location</u>
1	Lake Road and Knickerbocker Road
2	Knickerbocker Road and Brick Church Road
3	Ontario Center Road and Brick Church Road
4	Slocum Road and Brick Church Road
16	Lakeside Road and Boston Road
17	Lake Road and Lakeside Road
18	Roder Parkway and Ontario Drive
19	Fisher Road and Shepherd Road
20	Fisher Road and Trimble Road
22	Arbor Road and Trummonds Road
26	Walworth
28	Pultneyville
36	County Line Road and Berg/Schlegel Road
38	State Road and Route 250
39	Plank Road and Salt Road
41	Penfield Road (Route 441) and Five Mile Line Road
42	Salt Road and Schlegel Road
45	Lake Road and Route 250
46	Plank Road and County Line Road
47	Route 21 and Farnsworth Road
48	Route 21 and Pound Road
49	Kenyon Road and Furnace Road
51	Plank Road and Five Mile Line Road

TABLE III (con't)

52	Eddy Ridge Road and Ridge Road
29	Tuckahoe Road and Salmon Creek Road

ROCHESTER GAS AND ELECTRIC CORPORATION

GINNA STATION

CONTROLLED COPY NUMBER 23

GINNA STATION
UNIT #1
COMPLETED

DATE:-

TIME:-

PROCEDURE NO. SC-701

REV. NO. 11

INITIAL NOTIFICATION STATUS REPORT

TECHNICAL REVIEW

PORC REVIEW DATE 10-1-86

Sm Specter
PLANT SUPERINTENDENT

11-18-86
EFFECTIVE DATE

QA X NON-QA _____ CATEGORY 1.0

REVIEWED BY: _____

THIS PROCEDURE CONTAINS 4 PAGES

SC-701INITIAL NOTIFICATION STATUS REPORT1.0 PURPOSE:

- 1.1 Provide a list of important information to be provided to offsite agencies and how it is provided, during an emergency situation.
- 1.2 Provide information in a standardized format similar to that of the receiving party.

2.0 REFERENCES:

- 2.1 Nuclear Emergency Response Plan.
- 2.2 NYS Radiological Emergency Preparedness Plan.

3.0 INSTRUCTIONS:

- 3.1 The initial notification of an accident is to be reported to the USNRC, within one hour using O-9.3 as a reference.
- 3.2 The New York State Radiological Emergency Data Form, Attachment I should be filled out with the assistance of the Shift Supervisor and Health Physics Personnel.
 - 3.2.1 Obtain weather information, steps 14-18 of form, using Control Room weather indication or the computer.
 - 3.2.2 For step 12 Shift Supervisor may use, SC-240 Protective Action Recommendations.
- 3.3 Report the information on the completed New York State Radiological Emergency Data Form to New York State, Wayne and Monroe County within 15 minutes of classifying the emergency using the NYS Hot Line (RECS).
 - Press Button, Allow 10 seconds
 - Request roll call - New York State
Wayne County
Monroe County
This is Ginna Station
 - Report information using SC-701, Attachment I, New York State Radiological Emergency Data Form

1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100.

If NYS HOT LINE IS OUT OF ORDER, use commercial lines

- New York State 9-1-518-457-2200 or
 9-1-518-457-6811
- Wayne County 9-1-946-4878 or
 9-1-597-6291
- Monroe County 9-716-473-0710 or
 9-716-428-7200

3.3.1 Report only Steps 1 through 18 on the initial contact.

3.3.2 Report the information by reading the statement number and the statement including the designation letter. i.e. |A|

3.3.3 For Unusual Events that last one hour or more, use the New York State Radiological Emergency Data Form Attachment I, steps 1 through 18 for updates each hour.

3.3.4 For Alert Level Event or Greater

The New York State Radiological Emergency Data Form, Attachment 1 information will be reported when the event is initially classified, any time the classification is changed, and every 30 minutes during the event.

3.3.5 Data in steps 19 through 24 should be transmitted by telecopy as information becomes available.

Telecopy numbers to:

| | |
|----------------|------------------|
| EOF | - (716) 262-5788 |
| Wayne County | - (315) 946-9721 |
| Monroe County | - (716) 473-0616 |
| New York State | - (518) 457-9942 |

3.4 Blank copies of the New York State Radiological Emergency Form are available in the Communicators Area.

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Read everything on this page over RECS phone
NEW YORK STATE RADIOLOGICAL EMERGENCY DATA FORM PART I

ROLL CALL RESPONSE: NEW YORK STATE WARNING POINT ☐ MONROE COUNTY ☐ WAYNE COUNTY ☐

1. Message transmitted at: DATE: _____ TIME: _____ VIA RECS ☐ TELEPHONE ☐

2. Nuclear Facility providing this report is C GINNA STATION

3. Reported by: NAME _____ TITLE _____

4. Reported from: A CONTROL ROOM B TSC C EOF D OTHER _____

5. This ... A IS AN EXERCISE B IS NOT AN EXERCISE

6. Emergency Classification: A UNUSUAL EVENT B ALERT C SITE EMERGENCY D GENERAL EMERGENCY
E TRANSPORTATION ACCIDENT F EMERGENCY TERMINATED G OTHER

7. A THIS EMERGENCY CLASSIFICATION DECLARED AT: DATE _____ TIME _____

B THIS IS AN INFORMATIONAL NOTIFICATION ONLY.

THIS EVENT DOES NOT CONSTITUTE ONE OF THE FOUR EMERGENCY CLASSIFICATIONS.

8. Brief event description

9. Plant status/prognosis is: A STABLE B IMPROVING C DEGRADING D UNKNOWN

10. This event involves:

A NO ABNORMAL RELEASE OF RADIOACTIVITY B AN ATMOSPHERIC RELEASE OF RADIOACTIVITY

C A RELEASE OF RADIOACTIVITY TO LAKE ONTARIO D A GROUND SPILL RELEASE OF RADIOACTIVITY

11. The release is: A NOT APPLICABLE B CONTINUING C TERMINATED D INTERMITTENT

12. Protective actions: (SC-240)

A THERE IS NO NEED FOR PROTECTIVE ACTIONS OUTSIDE THE SITE BOUNDARY

B NEED FOR PROTECTIVE ACTION IS UNDER EVALUATION

C SHELTERING RECOMMENDED IN THE FOLLOWING ERPA'S: W1 W2 W3 W4 W5 W6 W7 M1 M2 M3 M4 M5 M6 M7 M8 M9

D EVACUATION RECOMMENDED IN THE FOLLOWING ERPA'S: W1 W2 W3 W4 W5 W6 W7 M1 M2 M3 M4 M5 M6 M7 M8 M9

13. Basis for protective action recommendations: A PLANT CONDITIONS B FIELD MEASUREMENTS

C PROJECTED OFFSITE DOSES

14. Wind speed _____ MILES PER HOUR

15. Wind direction (from) _____ DEGREES

16. Stability class _____ (STABLE, UNSTABLE, OR NEUTRAL)

17. Ambient temperature _____ DEGREES F (at 33 feet)

18. General weather conditions A CLEAR B CLOUDY C RAIN D SNOW

DO NOT REPORT

Stability Class Work Sheet

Temperature at 33 feet _____ °F

Temperature at 250 feet _____ °F

Temperature difference _____ °F

STABLE if difference ≤ 0.5

UNSTABLE if difference ≥ 2.0

NEUTRAL if difference < 1.9 and > 0.5

FOR RG&E USE ONLY: Time Completed: _____ Time Approved: _____ Time sent via RECS: _____
By: _____ By: _____ Time telecopied: _____

NEW YORK STATE RADIOLOGICAL EMERGENCY DATA FORM PART II

Telecopy this data form to ☐ NEW YORK STATE ☐ MONROE COUNTY ☐ WAYNE COUNTY

19. Message transmitted at: DATE: _____ TIME: _____ FROM: _____
Based on information available at: TIME: _____

20. General release information:

- A RELEASE STARTED AT: DATE _____ TIME _____
B PROJECTED DURATION OF RELEASE: _____
C TIME OF TERMINATION OF RELEASE: _____
D REACTOR SHUTDOWN: DATE _____ TIME _____
E WIND SPEED: _____ MPH
F WIND DIRECTION: (from) _____ DEGREES
G STABILITY CLASS _____ STABLE, UNSTABLE OR NEUTRAL

21. Atmospheric release information:

- A EFFECTIVE RELEASE HEIGHT: _____ FEET
B IODINE/NOBLE GAS RATIO: _____
C GROSS RELEASE RATE: _____ CI/SEC
D IODINE RELEASE RATE: _____ CI/SEC
E NOBLE GAS RELEASE RATE: _____ CI/SEC
F PARTICULATE ACTIVITY: _____ CI/SEC

22. Waterborne release or surface spill information:

- A VOLUME OF RELEASE _____ GALLONS
B CONCENTRATION (gross): _____ uCi/ml
C RADIONUCLIDES IN RELEASE (in uCi/ml): _____
D TOTAL ACTIVITY RELEASED _____ CI

23. Dose/dose rate calculations

DATA IS BASED ON: A INPLANT MEASUREMENTS B FIELD MEASUREMENTS C ASSUMED SOURCE TERM

TABLE BELOW APPLIES TO: A ATMOSPHERIC RELEASES B WATERBORNE RELEASES

| DISTANCE | Xu/O | WHOLE BODY
REM/HOUR | CHILD'S THYROID
REM/HOUR | WHOLE BODY
REM | CHILD'S THYROID
REM |
|---------------|------|------------------------|-----------------------------|-------------------|------------------------|
| SITE BOUNDARY | | | | | |
| 2 MILES | | | | | |
| 5 MILES | | | | | |
| 10 MILES | | | | | |
| MILES | | | | | |

24. Field measurement of dose rates or surface contamination (deposition)

| MILE/SECTOR OR
MILES/DEGREES | LOCATION OR
SAMPLING POINT | TIME OF
MEASUREMENT | DOSE RATE (MR/HR) OR
CONTAMINATION (CI/M2) |
|---------------------------------|-------------------------------|------------------------|---|
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

REMARKS

FOR RG&E USE ONLY: Time Completed: _____ Time Approved: _____
By: _____ By: _____

Time telecopied: _____

GINNA STATION
UNIT #1
COMPLETED

ROCHESTER GAS AND ELECTRIC CORPORATION

GINNA STATION

CONTROLLED COPY NUMBER 23

DATE:-

TIME:-

PROCEDURE NO. SC-703

REV. NO. 2

PLANT STATUS REPORT

TECHNICAL REVIEW

PORC REVIEW DATE

8-28-85

[Signature]
QC REVIEW

[Signature]
PLANT SUPERINTENDENT

9-23-85
EFFECTIVE DATE

QA ✓ NON-QA CATEGORY 1.0

REVIEWED BY:

THIS PROCEDURE CONTAINS 3 PAGES



SC-703

PLANT STATUS REPORT

1.0 PURPOSE:

- 1.1 Provide a list of important plant parameters that can be provided to the TSC, EOF or other agencies.
- 1.2 Provide information in a standardized format similar to that of the receiving party and capable of computer print out.

2.0 REFERENCES:

- 2.1 Nuclear Emergency Response Plan.
- 2.2 NYS Radiological Emergency Preparedness Plan.

3.0 INSTRUCTIONS:

- 3.1 This form may be used to update other emergency centers of parameters which may be used in the evaluation of the emergency condition.
- 3.2 Attachment 1 should be filled out with the assistance of the Shift Supervisor and Control Room personnel.
 - 3.2.1 The computer may be used to obtain information.
 - 3.2.2 When the parameter is measurable (ie. pressurizer level) use the numerical value.
 - 3.2.3 When the parameter is not measurable the condition or any deviation from normal shall be noted (ie. core circulation - forced or natural).
 - 3.2.4 Reuse the form for several status reports to allow for trending of information.
- 3.3 Report the information on the completed Attachment 1 "Plant Status Form" as directed by the Shift Supervisor or Emergency Coordinator.
 - 3.3.1 This information may be taken during the emergency.



SC-703:2

3.3.2

- The completed forms shall be returned to the Shift Supervisor or Emergency Coordinator after transfer of the data.



SC-703:3

ATTACHMENT 1

R. E. Ginna Nuclear Power Plant
Plant Status Form

| | | | | | | |
|---|--|--|--|--|--|--|
| DATE | | | | | | |
| TIME | | | | | | |
| R.C.S.
PRESSURE
(PSIG) | | | | | | |
| R.C.S.
TEMP.
(°F) | | | | | | |
| PRESSURE
LEVEL
(%) | | | | | | |
| CORE
CIRC.
SUB-
COOLED
(°F) | | | | | | |
| "A" S/G
LEVEL
(%) | | | | | | |
| "B" S/G
LEVEL
(%) | | | | | | |
| "A" S/G
PRESSURE
(PSIG) | | | | | | |
| "B" S/G
PRESSURE
(PSIG) | | | | | | |
| ONSITE
POWER | | | | | | |
| OFFSITE
POWER | | | | | | |
| C.V.
PRESSURE
(PSIG) | | | | | | |
| SUMP "A"
LEVEL
(F+) | | | | | | |
| SUMP "B"
LEVEL
(INCHES) | | | | | | |