

ROCHESTER GAS AND ELECTRIC CORPORATION

GINNA STATION

CONTROLLED COPY NUMBER 23

GINNA STATION  
UNIT #1  
COMPLETED

DATE:-

TIME:-

PROCEDURE NO. SC-430

REV. NO. 3

ADMINISTRATION OF POTASSIUM IODINE (KI)

TECHNICAL REVIEW

PORC REVIEW DATE

4-15-87

*Sm Specter*  
PLANT SUPERINTENDENT

4-16-87  
EFFECTIVE DATE

QA \_\_\_\_\_ NON-QA \_\_\_\_\_ CATEGORY 1.0

REVIEWED BY: \_\_\_\_\_

THIS PROCEDURE CONTAINS 5 PAGES

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SC-430ADMINISTRATION OF POTASSIUM IODIDE (KI)1.0 PURPOSE:

- 1.1 The purpose of this procedure is to provide guidelines for the administration and usage of potassium iodine (KI).

2.0 REFERENCES:

- 2.1 NCRP Report No. 55 "Protection of the Thyroid Gland in the Event of Releases of Radioiodine."
- 2.2 Federal Register Vol. 47, 28158, June 29, 1982
- 2.3 THYROBLOCK, Instruction Sheet, Wallace Laboratories, 10/79.

3.0 INSTRUCTIONS:

- 3.1 THYRO-BLOCK is the trade name for KI as distributed by Cater- Wallace, Inc. Each tablet contains 130 mgs of KI and is supplied in bottles of 14 tablets or enough for 10 days dosage of 1 tablet per day.
- 3.2 The effect of KI is to saturate the thyroid gland with stable iodine hence preventing the uptake, by the thyroid gland, of radioactive iodine.
- 3.3 The use of KI should be considered in conjunction with other available protective options, including respiratory protective devices and limited stay-times.
- 3.4 An important factor in obtaining satisfactory blockage of acute radioiodine uptakes is the speed of iodide administration after exposure to radioiodine. It is preferable to ingest KI before or shortly after the start of exposure to achieve blockage of 90 percent or more. A substantial benefit (e.g. a block of 50%) is attainable only during the first 3 - 4 hours after the start of exposure. However, since the majority of radioiodine has entered the thyroid gland by 10 - 12 hours after exposure, little benefit may be expected by blocking beyond this time.

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- 3.5 For chronic radioiodine exposure, KI will, of course, be useful at any time during the exposure and hence should still be given even if the drug was not given shortly before or after the release of radioactivity.
- 3.6 KI distribution to emergency personnel:
- 3.6.1 Use of KI tablets should be considered for projected exposures to the thyroid of greater than 10 rem. Rapid assessment of projected thyroid dose can be performed using Figure 1, as a function of estimated radioiodine concentration and stay-time.
- 3.6.2 KI can also be authorized for issuance if plant conditions indicate the potential for a large release of radioiodine.
- 3.6.3 KI tablets may be distributed to emergency survey teams as a prophylactic if it is expected that the survey teams may encounter radioactive iodine.
- 3.6.4 The Dose Assessment Manager and/or Health Physics and Chemistry Manager will recommend to the Emergency Coordinator the use of KI by RG&E personnel but will control issuance if approved by the Emergency Coordinator.
- 3.6.5 The Emergency Coordinator will approve the use of KI by RG&E personnel. The RG&E Medical Director or the Plant Physician shall be notified if KI tablets have been issued, and requested to assist in follow-up administrations of KI and personnel thyroid exposure evaluations if needed.
- 3.6.6 As there may be some risk of reaction to KI by individuals allergic to iodide, the use of KI is voluntary and not required. KI should not be administered to personnel who know they are allergic to iodide.
- 3.6.7 A supply of KI tablets are available at the following locations:
- Technical Support Center
  - Control Room
  - First Aid Room
  - Emergency Survey Center
  - Emergency Operations Facility
- 3.7 Potassium Iodide distribution to the General Public:



3.7.1

Potassium Iodide tablets shall be issued to the general public only if approved by the New York State Department of Health. Distribution will then be the responsibility of New York State.

3.8

The need for blocking agents is estimated as being required for 3 - 7 days and probably no longer than 10 days for a total dose of about 1 gram KI, in cases of a severe release of radioiodine (See Figure 2).





# 10 REM THYROID

## DOSE PLOT

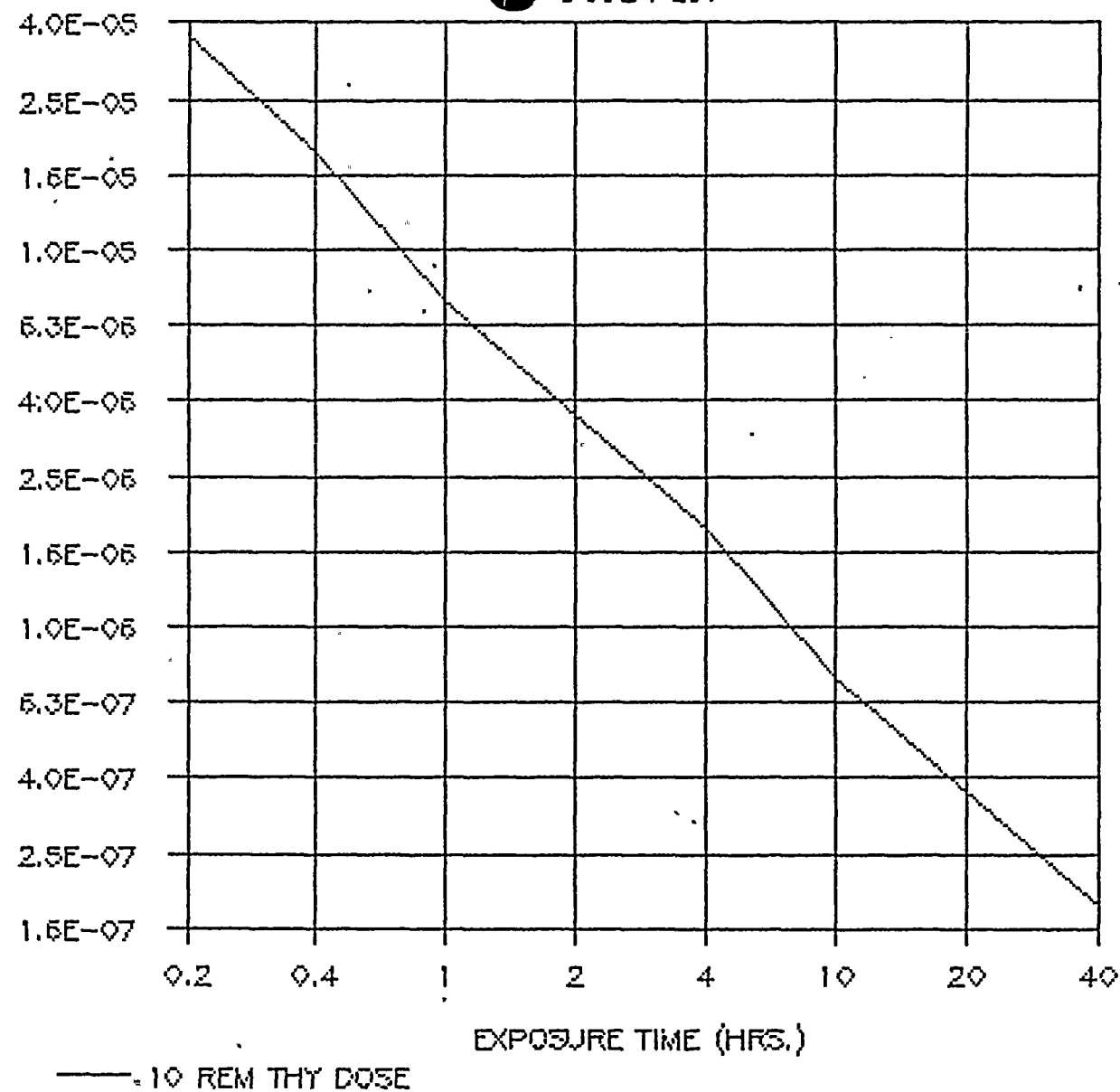


FIGURE 1

SC-430:4

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FIGURE 2

**THYRO-BLOCK™**

(POTASSIUM IODIDE)

(pronounced pee-TASS-ee-um EYE-on-dyed)  
(abbreviated: KI)

TABLETS and SOLUTION U.S.P.

TAKE POTASSIUM IODIDE ONLY WHEN PUBLIC HEALTH OFFICIALS TELL YOU. IN A RADIATION EMERGENCY, RADIOACTIVE IODINE COULD BE RELEASED INTO THE AIR. POTASSIUM IODIDE (A FORM OF IODINE) CAN HELP PROTECT YOU.

IF YOU ARE TOLD TO TAKE THIS MEDICINE, TAKE IT ONE TIME EVERY 24 HOURS. DO NOT TAKE IT MORE OFTEN. MORE WILL NOT HELP YOU AND MAY INCREASE THE RISK OF SIDE EFFECTS. DO NOT TAKE THIS DRUG IF YOU KNOW YOU ARE ALLERGIC TO IODIDE. (SEE SIDE EFFECTS BELOW.)

**INDICATIONS**

**THYROID BLOCKING IN A RADIATION EMERGENCY ONLY.**

**DIRECTIONS FOR USE**

Use only as directed by State or local public health authorities in the event of a radiation emergency.

**DOSE****Tablets:**

**ADULTS AND CHILDREN 1 YEAR OF AGE OR OLDER:** One (1) tablet once a day. Crush for small children.  
**BABIES UNDER 1 YEAR OF AGE:** One-half (1/2) tablet once a day. Crush first.

**Solution:**

**ADULTS AND CHILDREN 1 YEAR OF AGE OR OLDER:** Add 6 drops to one-half glass of liquid and drink each day.  
**BABIES UNDER 1 YEAR OF AGE:** Add 3 drops to a small amount of liquid once a day.

For all dosage forms: Take for 10 days unless directed otherwise by State or local public health authorities.

Store at controlled room temperature between 15° and 30°C (59° to 86°F). Keep container tightly closed and protect from light. Do not use the solution if it appears brownish in the nozzle of the bottle.

**WARNING**

Potassium iodide should not be used by people allergic to iodide. Keep out of the reach of children. In case of overdose or allergic reaction, contact a physician or the public health authority.

**DESCRIPTION**

Each THYRO-BLOCK™ TABLET contains 130 mg of potassium iodide.

Each drop of THYRO-BLOCK™ SOLUTION contains 21 mg of potassium iodide.

**HOW POTASSIUM IODIDE WORKS**

Certain forms of iodine help your thyroid gland work right. Most people get the iodine they need from foods, like iodized salt or fish. The thyroid can "store" or hold only a certain amount of iodine.

In a radiation emergency, radioactive iodine may be released in the air. This material may be breathed or swallowed. It may enter the thyroid gland and damage it. The damage would probably not show itself for years. Children are most likely to have thyroid damage.

If you take potassium iodide, it will fill up your thyroid gland. This reduces the chance that harmful radioactive iodine will enter the thyroid gland.

**WHO SHOULD NOT TAKE POTASSIUM IODIDE**

The only people who should not take potassium iodide are people who know they are allergic to iodide. You may take potassium iodide even if you are taking medicines for a thyroid problem (for example, a thyroid hormone or antithyroid drug). Pregnant and nursing women and babies and children may also take this drug.

**HOW AND WHEN TO TAKE POTASSIUM IODIDE**

Potassium iodide should be taken as soon as possible after public health officials tell you. You should take one dose every 24 hours. More will not help you because the thyroid can "hold" only limited amounts of iodine. Larger doses will increase the risk of side effects. You will probably be told not to take the drug for more than 10 days.

**SIDE EFFECTS**

Usually, side effects of potassium iodide happen when people take higher doses for a long time. You should be careful not to take more than the recommended dose or take it for longer than you are told. Side effects are unlikely because of the low dose and the short time you will be taking the drug.

Possible side effects include skin rashes, swelling of the salivary glands, and "iodism" (metallic taste, burning mouth and throat, sore teeth and gums, symptoms of a head cold, and sometimes stomach upset and diarrhea).

A few people have an allergic reaction with more serious symptoms. These could be fever and joint pains, or swelling of parts of the face and body and at times severe shortness of breath requiring immediate medical attention.

Taking iodide may rarely cause overactivity of the thyroid gland, underactivity of the thyroid gland, or enlargement of the thyroid gland (goiter).

**WHAT TO DO IF SIDE EFFECTS OCCUR**

If the side effects are severe or if you have an allergic reaction, stop taking potassium iodide. Then, if possible, call a doctor or public health authority for instructions.

**HOW SUPPLIED**

THYRO-BLOCK™ TABLETS (Potassium Iodide, U.S.P.) bottles of 14 tablets (NDC 0037-0472-20.) Each white, round, scored tablet contains 130 mg potassium iodide.

THYRO-BLOCK™ SOLUTION (Potassium Iodide Solution, U.S.P.) 30 ml (1 fl. oz.) light-resistant, measured-drop dispensing units (NDC 0037-4287-25). Each drop contains 21 mg potassium iodide.

WALLACE LABORATORIES  
Division of  
CARTER-WALLACE, INC.  
Cranbury, New Jersey 08512



ROCHESTER GAS AND ELECTRIC CORPORATION

GINNA STATION

CONTROLLED COPY NUMBER 23

GINNA STATION  
UNIT #1  
COMPLETED

DATE:-

TIME:-

PROCEDURE NO. SC-442

REV. NO. 4

MONITORING SITE RADIATION LEVEL BY TLD

TECHNICAL REVIEW

PORC REVIEW DATE

6-10-87

*Sm Specta*  
PLANT SUPERINTENDENT

6-16-87  
EFFECTIVE DATE

QA 6 NON-QA \_\_\_\_\_ CATEGORY 1.0

REVIEWED BY: \_\_\_\_\_

THIS PROCEDURE CONTAINS 8 PAGES

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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:

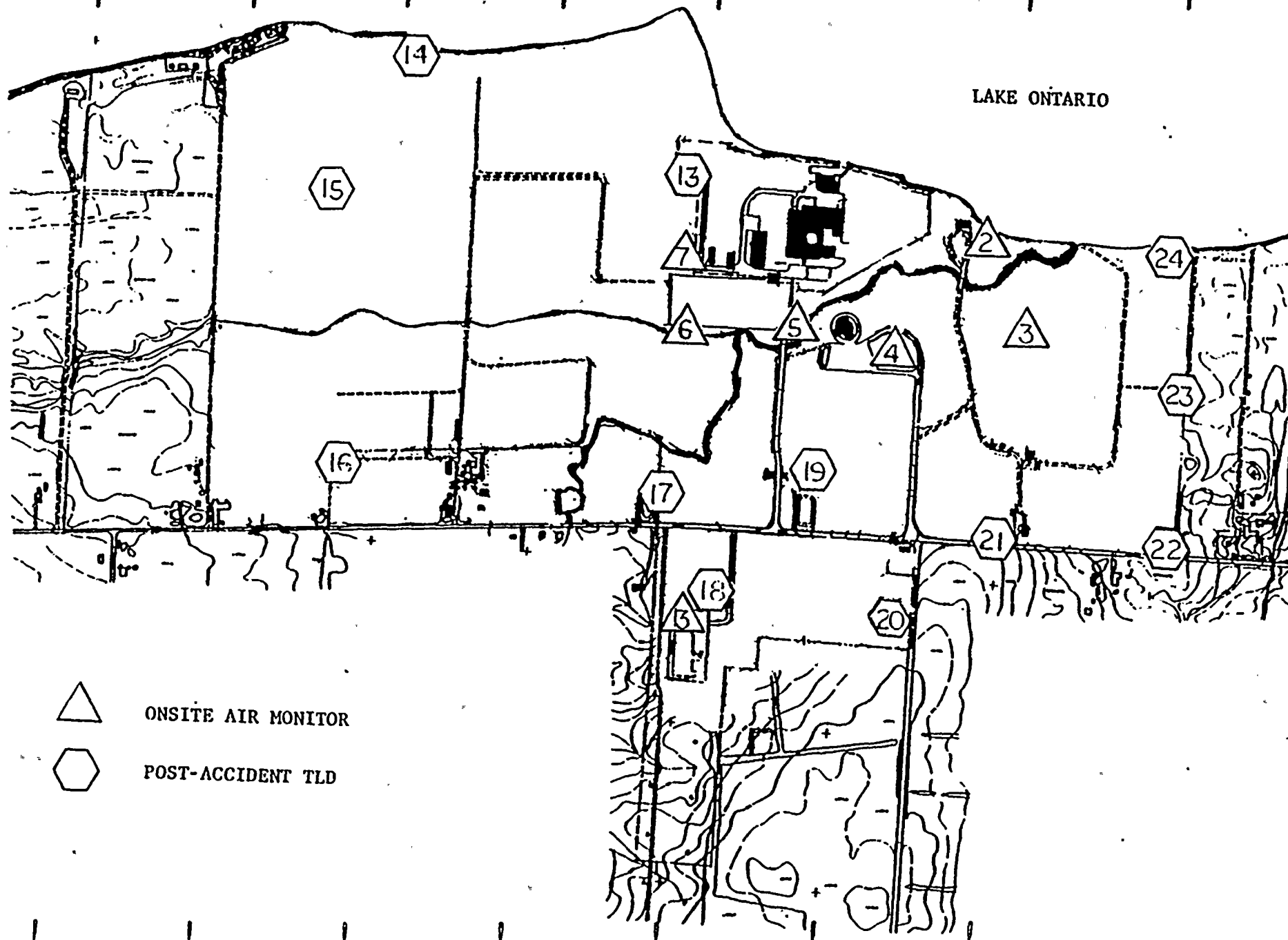
- 2.1 Nuclear Emergency Response Plan
- 2.2 Health Physics Procedure, HP-1.8 Panasonic TLD Readout

3.0 INSTRUCTIONS:

- 3.1 Environmental TLD's are placed at the locations shown on attached maps and Tables I and II. Table III gives locations at which survey teams will place TLD's as described in procedures SC-323 and SC-324 or 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.

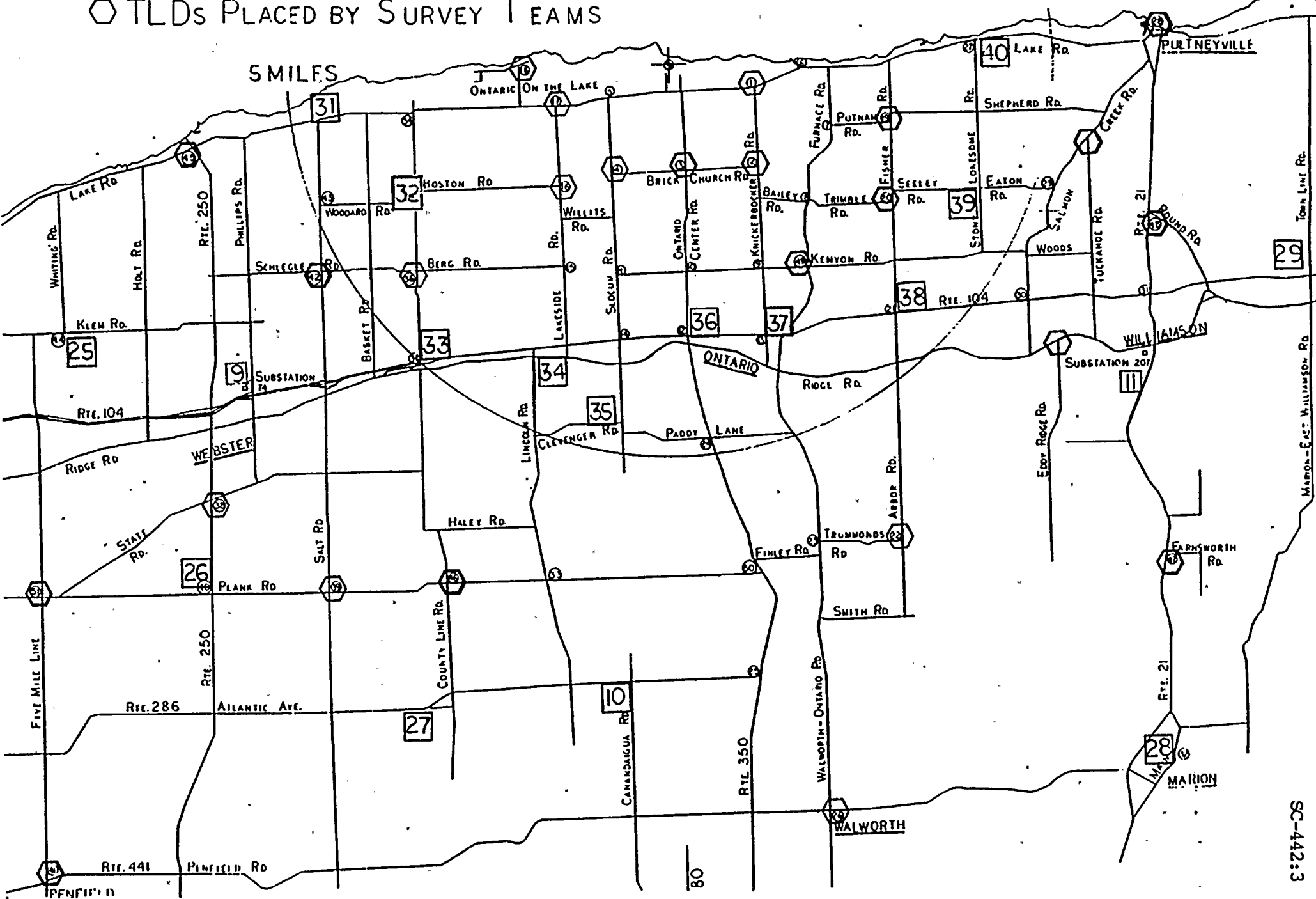








□ TLDs PERMANENTLY PLACED  
 ○ TLDs PLACED BY SURVEY TEAMS



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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

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TABLE II

PERMANENT OFF SITE POST ACCIDENT TLD LOCATIONS

<u>Intersection No.</u>	<u>Location</u>	<u>TLD #</u>
93	Topper Dr. - Irondequoit, 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 Right-of-way	#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 pump	#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 right-of-way	#35

一、二、三、四、五、六、七、八、九、十、十一、十二、十三、十四、十五、十六、十七、十八、十九、二十、二十一、二十二、二十三、二十四、二十五、二十六、二十七、二十八、二十九、三十、三十一、三十二、三十三、三十四、三十五、三十六、三十七、三十八、三十九、四十、四十一、四十二、四十三、四十四、四十五、四十六、四十七、四十八、四十九、五十、五十一、五十二、五十三、五十四、五十五、五十六、五十七、五十八、五十九、六十、六十一、六十二、六十三、六十四、六十五、六十六、六十七、六十八、六十九、七十、七十一、七十二、七十三、七十四、七十五、七十六、七十七、七十八、七十九、八十、八十一、八十二、八十三、八十四、八十五、八十六、八十七、八十八、八十九、九十、九十一、九十二、九十三、九十四、九十五、九十六、九十七、九十八、九十九、一百。



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

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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



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ROCHESTER GAS AND ELECTRIC CORPORATION

GINNA STATION

CONTROLLED COPY NUMBER

23

PROCEDURE NO. SC-605

REV. NO. 18

SITE CONTINGENCY CALL LIST

TECHNICAL REVIEW

PORC REVIEW DATE

7-20-89

Joseph A. Widay  
PLANT SUPERINTENDENT

8-4-89  
EFFECTIVE DATE

QA ☒ NON-QA ☐ CATEGORY 1.0

REVIEWED BY: \_\_\_\_\_

THIS PROCEDURE CONTAINS 9 PAGES

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SC-605SITE CONTINGENCY CALL LIST1.0 PURPOSE:

- 1.1 Provide a notification list to activate the Emergency Response Organization.

2.0 REFERENCES:

- 2.1 Nuclear Emergency Response Plan  
2.4 SC-322

3.0 INSTRUCTIONS:

- 3.1 The call list shall be divided.

Attachment A will be performed under emergency situations by the Gas Dispatcher.

Attachment B will be performed under emergency situations by Telephone Service.

- 3.1.1 Each call will be to contact an individual and request they "Report to Ginna Station for a SC Response".
- 3.1.2 If individual is not at home leave a message to have individual call you immediately at (your phone number).



USE OF ATTACHMENT A  
TSC ENGINEERING SUPPORT

1. The Gas Dispatcher shall initiate the Site Contingency Call List Attachment A for TSC engineering support when requested by the Ginna Control Room personnel. They will request begin the Ginna Site Contingency Call List SC-605.
2. Each individual when called shall be told "THERE IS AN EMERGENCY SITUATION AT GINNA, PLEASE REPORT."
3. If the individual is not at home, leave a message to have the individual contacted and call you at your number.
4. The call list contains six functions which must be filled first
  - a. Emergency Coordinator
  - b. Technical Assessment
  - c. Operations Assessment
  - d. Maintenance Assessment
  - e. TSC Communicator
  - f. Survey Center Manager
5. Call down the list and mark an X in the function box for individuals answering call. When calls have filled all six functions, call the remaining names and place X in any individuals function box.
6. If you reach the pager box before filling the function, call the pager and request the individual call you at \_\_\_\_\_.
7. If the six functions on the call list are not filled when you complete the list, repeat calls to missing functions.
8. When you have filled the functions and completed the list notify the Ginna Control Room ext. 235 you have filled the functions and contacted \_\_\_\_\_ individuals.



ATTACHMENT A  
 TECHNICAL SUPPORT CENTER CALL LIST  
 "THERE IS AN EMERGENCY SITUATION AT GINNA, PLEASE REPORT"

	TSC DIRECTOR	TECHNICAL ASSESSMENT	OPERATION ASSESSMENT	MAINTENANCE ASSESSMENT	SURVEY CENTER MGR.	TSC COMMUNICATOR
Terry Schuler Home 671-3643					***** ***** ***** *****	***** ***** ***** *****
Joe Widay Home 586-2679					***** ***** ***** *****	***** ***** ***** *****
Tom Marlow Home 223-3740					***** ***** ***** *****	***** ***** ***** *****
Jack St. Martin Home 586-5676					***** ***** ***** *****	***** ***** ***** *****
Dick Marchionda Home (315) 926-5578					***** ***** ***** *****	***** ***** ***** *****
IF NOT REACHED CALL	*****	*****	*****	*****	*****	*****
PAGER	*****	*****	*****	*****	*****	*****
921-5507	*****	*****	*****	*****	*****	*****
	*****	*****	*****	*****	*****	*****
Steve Adams Home 671-0845	***** ***** ***** *****				***** ***** ***** *****	***** ***** ***** *****
Tom Harding Home 671-8756	***** ***** ***** *****				***** ***** ***** *****	



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ATTACHMENT A (CONT'D)  
 TECHNICAL SUPPORT CENTER CALL LIST  
 "THERE IS AN EMERGENCY SITUATION AT GINNA, PLEASE REPORT"

	TSC DIRECTOR	TECHNICAL ASSESSMENT	OPERATION ASSESSMENT	MAINTENANCE ASSESSMENT	SURVEY CENTER MGR.	TSC COMMUNICATOR
Jeff Wayland Home 524-2899	***** ***** ***** *****			***** ***** ***** *****	***** ***** ***** *****	
Mike Smith Home 482-3013	***** ***** ***** *****				***** ***** ***** *****	
	***** IF NOT REACHED ***** CALL PAGER ***** 921-5508 *****		***** ***** ***** *****	***** ***** ***** *****	***** ***** ***** *****	***** ***** ***** *****
Larry Smith Home 524-9351	***** ***** ***** *****	***** ***** ***** *****		***** ***** ***** *****	***** ***** ***** *****	
Tom Alexander Home 524-8084	***** ***** ***** *****			***** ***** ***** *****	***** ***** ***** *****	
Paul Gorski Home (315) 589-8748	***** ***** ***** *****			***** ***** ***** *****	***** ***** ***** *****	
Bob Carroll Home 986-3406	***** ***** ***** *****			***** ***** ***** *****	***** ***** ***** *****	
	***** IF NOT REACHED ***** CALL PAGER ***** 921-8278 *****	***** ***** ***** *****		***** ***** ***** *****	***** ***** ***** *****	***** ***** ***** *****

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**ATTACHMENT A (CONT'D)**  
**TECHNICAL SUPPORT CENTER CALL LIST**  
**"THERE IS AN EMERGENCY SITUATION AT GINNA, PLEASE REPORT"**

	TSC DIRECTOR	TECHNICAL ASSESSMENT	OPERATION ASSESSMENT	MAINTENANCE ASSESSMENT	SURVEY CENTER MGR.	TSC COMMUNICATOR
Lou Boutwell Home 524-8764	***** ***** ***** *****	***** ***** ***** *****	***** ***** ***** *****		***** ***** ***** *****	***** ***** ***** *****
Clair Edgar Home 377-3386	***** ***** ***** *****	***** ***** ***** *****	***** ***** ***** *****		***** ***** ***** *****	***** ***** ***** *****
Gerry Wahl Home 872-5567	***** ***** ***** *****	***** ***** ***** *****	***** ***** ***** *****		***** ***** ***** *****	***** ***** ***** *****
Gene Eng Home 671-3441	***** ***** ***** *****				***** ***** ***** *****	
	***** ***** ***** *****	***** ***** ***** *****	***** IF NOT REACHED ***** CALL PAGER ***** 921-8366 *****		***** ***** ***** *****	***** ***** ***** *****
Gave Bryant Home 671-8102	***** ***** ***** *****	***** ***** ***** *****	***** ***** ***** *****	***** ***** ***** *****		***** ***** ***** *****
Yvonne Selbig Home 986-2752	***** ***** ***** *****	***** ***** ***** *****	***** ***** ***** *****	***** ***** ***** *****		***** ***** ***** *****
Jeff Germain Home (315) 589-8487	***** ***** ***** *****	***** ***** ***** *****	***** ***** ***** *****	***** ***** ***** *****		***** ***** ***** *****
Dick Biedenbach Home 654-9291	***** ***** ***** *****	***** ***** ***** *****	***** ***** ***** *****	***** ***** ***** *****		
Kathy Hart Home 483-8141	***** ***** ***** *****	***** ***** ***** *****	***** ***** ***** *****	***** ***** ***** *****		***** ***** ***** *****



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**ATTACHMENT A (CONT'D)**  
**TECHNICAL SUPPORT CENTER CALL LIST**

**"THERE IS AN EMERGENCY SITUATION AT GINNA, PLEASE REPORT"**

	TSC DIRECTOR	TECHNICAL ASSESSMENT	OPERATION ASSESSMENT	MAINTENANCE ASSESSMENT	SURVEY CENTER MGR.	TSC COMMUNICATOR
Barb Butler Home 342-8184	***** ***** ***** *****	***** ***** ***** *****	***** ***** ***** *****	***** ***** ***** *****		
	*****	*****	*****	***** IF NOT REACHED	*****	*****
	*****	*****	*****	***** CALL PAGER	*****	*****
	*****	*****	*****	***** 77-0353	*****	*****
	*****	*****	*****	*****	*****	*****
Bob Bryan Home 265-1146	***** ***** ***** *****	***** ***** ***** *****	***** ***** ***** *****	***** ***** ***** *****	***** ***** ***** *****	
Charlie Rioch Home 924-3155	***** ***** ***** *****		***** ***** ***** *****	***** ***** ***** *****	***** ***** ***** *****	
John Walden Home 524-8536	***** ***** ***** *****	***** ***** ***** *****	***** ***** ***** *****	***** ***** ***** *****	***** ***** ***** *****	
Frank Maciuska Home 986-3839	***** ***** ***** *****			***** ***** ***** *****	***** ***** ***** *****	
Rudy Fargensi Home 524-2303	***** ***** ***** *****	***** ***** ***** *****	***** ***** ***** *****	***** ***** ***** *****	***** ***** ***** *****	
	*****	*****	*****	***** IF NOT REACHED	*****	*****
	*****	*****	*****	***** CALL PAGER	*****	*****
	*****	*****	*****	***** 921-5509	*****	*****
	*****	*****	*****	*****	*****	*****



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## USE OF ATTACHMENT B

## HEALTH PHYSICS SECTION CALL LIST

1. The Telephone Service Operator shall initiate the Site Contingency Call List for Health Physics Section when requested by the Ginna Control Room personnel. They will request begin the Ginna Site Contingency Call List SC-605.
2. Each individual when called shall be told "THERE IS AN EMERGENCY SITUATION AT GINNA, PLEASE REPORT".
3. If the individual is not at home leave a message to have the individual contacted and call you at your number.
4. The call list contains four functions which must be filled first.
  - a. Dose Assessment
  - b. Health Physics/Chemistry
  - c. HP Tech 1
  - d. HP Tech 2
5. Call down the list and make an X in the function box for individuals answering call. When calls have filled all four functions call the remaining names and place X in any individuals function box.
6. If you reach the pager box before filling the function, call the pager number and request the individual call you at \_\_\_\_\_.
7. If the four functions on the call list are not filled when you complete the list repeat calls to missing functions.
8. When you have filled the functions and completed the list notify the Ginna Control Room ext. 235 you have filled the functions and contacted \_\_\_\_\_ individuals.



## ATTACHMENT B

## HEALTH PHYSICS SECTION CALL LIST

"THERE IS AN EMERGENCY SITUATION AT GINNA, PLEASE REPORT"

	DOSE ASSESSMENT	HP/ CHEMISTRY	HP TECH 1	HP TECH 2
Duane, Filkins 654-7359			***** ***** ***** *****	***** ***** ***** *****
Fred Mis 671-9111			***** ***** ***** *****	***** ***** ***** *****
Steve Warren 872-5127			***** ***** ***** *****	***** ***** ***** *****
Don Filion 265-9728			***** ***** ***** *****	***** ***** ***** *****
Bernie Quinn 524-5201			***** ***** ***** *****	***** ***** ***** *****
Nelson Kiedrowski 524-2894			***** ***** ***** *****	***** ***** ***** *****
Jim Supina 227-5239			***** ***** ***** *****	***** ***** ***** *****
Al Herman 544-1942			***** ***** ***** *****	***** ***** ***** *****
Bill Goodman 544-4101	***** ***** ***** *****			
	Dose Ass. Pager 921-5525	HP/Chem Pager 921-8360	***** ***** ***** *****	***** ***** ***** *****
Jim Bement 396-1712	***** ***** ***** *****	***** ***** ***** *****		



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## ATTACHMENT B

## HEALTH PHYSICS SECTION CALL LIST

"THERE IS AN EMERGENCY SITUATION AT GINNA, PLEASE REPORT"

	DOSE ASSESSMENT	HP/ CHEMISTRY	HP TECH 1	HP TECH 2
Gerry Brown 265-3285	***** ***** *****	***** ***** *****		
Rodney Gasper (315) 589-8584	***** ***** *****	***** ***** *****		
Ken Gould 872-0226	***** ***** *****	***** ***** *****		
Mike Harrison 671-3079	***** ***** *****	***** ***** *****		
Bob Kenyon (315) 483-6512	***** ***** *****	***** ***** *****		
Mike Klueber (315) 589-8184	***** ***** *****	***** ***** *****		
Lou Lyons (315) 524-9648	***** ***** *****	***** ***** *****		
Pete Polfleit (315) 594-9433	***** ***** *****	***** ***** *****		
Frank Puddu 467-5700	***** ***** *****	***** ***** *****		
Dan Kotarski 671-9295	***** ***** *****	***** ***** *****		
John Raike 381-7665	***** ***** *****	***** ***** *****		



ROCHESTER GAS AND ELECTRIC CORPORATION

GINNA STATION

CONTROLLED COPY NUMBER 23

GINNA STATION  
UNIT #1  
COMPLETED

DATE:-

TIME:-

PROCEDURE NO. SC-701

REV. NO. 15

INITIAL NOTIFICATION STATUS REPORT

TECHNICAL REVIEW

PORC REVIEW DATE

SEP 14 1988

*Sn Specta*  
PLANT SUPERINTENDENT

SEP 27 1988

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, Part 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 Part I 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, Part I, New York State Radiological Emergency Data Form.



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        9-1-946-5663 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 Part 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, Part 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 of the New York State Radiological Emergency Data Form Part II should be transmitted by telecopy as information becomes available.

Telecopy numbers to:

- |                |                  |
|----------------|------------------|
| EOF            | - (716) 262-5788 |
| Wayne County   | - (315) 946-9721 |
| Monroe County  | - (716) 473-7087 |
| New York State | - (518) 457-9942 |

- 3.4      Blank copies of the New York State Radiological Emergency Form Part I & Part II are available in the Communicators Area.
- 3.5      At the completion of an actual event or exercise, completed copies of the New York State Radiological Emergency form Part I and Part II used shall be sent to Corporate Emergency Planner (Dave Burke - 49/5) for review and submittal to Central Records as appropriate.





**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 250 feet	_____	°F		
Temperature at 33 feet	_____	°F		
Temperature difference	_____	°F		
	-1.9	-0.5		
Unstable	Neutral	Stable		
-3	-2	-1	0	1
Temperature Difference				

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

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

Completed form sent to CEP 49/5 \_\_\_\_\_



## 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/Q	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)

MARKS

FOR RG&E USE ONLY: Time Completed: \_\_\_\_\_ Time Approved: \_\_\_\_\_  
 By: \_\_\_\_\_ By: \_\_\_\_\_

Time telecopied: \_\_\_\_\_

Completed form sent to CEP 49/5 \_\_\_\_\_



ROCHESTER GAS AND ELECTRIC CORPORATION

GINNA STATION

CONTROLLED COPY NUMBER

23

PROCEDURE NO. SC-703

REV. NO. 8

PLANT STATUS REPORT

TECHNICAL REVIEW

PORC REVIEW DATE

7-20-89

Joseph A. Widay  
PLANT SUPERINTENDENT

8-4-89

EFFECTIVE DATE

QA ☒ NON-QA ☐ CATEGORY 1.0

REVIEWED BY:

THIS PROCEDURE CONTAINS 8 PAGES

GINNA STATION  
UNIT #1  
COMPLETED

DATE:-

TIME:-



SC-703PLANT STATUS REPORT1.0 PURPOSE:

- 1.1 Provide an up-to-date standardized listing of important plant parameters to be provided to offsite organizations during a Ginna emergency.

2.0 REFERENCES:

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

3.0 INITIAL CONDITIONS:

- 3.1 An emergency condition exists and, as a minimum, the TSC has been fully manned and has assumed command and control.
- 3.2 Assure the Plant Process Computer System (PPCS) is operational and "EVENT1" and "EVENT2" reports can be obtained. If PPCS not available then Attachment 4 must be used.

4.0 PRECAUTIONS:

- 4.1 Assure that "EVENT1" and "EVENT2" printout copies are legible and adequately reduced in size for telefaxing to offsite organizations.
- 4.2 Telefax operations should be monitored to assure that no undue data transmission delays are occurring.

5.0 INSTRUCTIONS:

- 5.1 Query the PPCS to obtain printouts of "EVENT1" and "EVENT2" approximately every 15 - 30 minutes or as plant conditions warrant (See Attachments 1 and 2).
- 5.2 Prior to transmission of the EVENT forms via telefax, supplemental information contained in Attachment 3 should be added to the bottom of the "EVENT1" report (NOTE: Use either pre-printed labels or rubber stamp provided).





- 5.3 Clearly legible, reduced copies of "EVENT1" and "EVENT2" should be telefaxed to Wayne County, Monroe County and NYS approximately every 15 - 30 minutes or as conditions warrant. Telefax back-ups should be avoided by staggering times when "EVENT" forms and SC-701 forms are transmitted.
- 5.4 IF the PPCS is unavailable, Attachment 4 must be completed with the assistance of Control Room or TSC personnel, and telefaxed to Wayne and Monroe Counties, NYS and the EOF.
- 5.4.1 When completing Attachment 4, if the parameter is measurable (i.e., pressurizer level) use the numerical value.
- 5.4.2 When the Attachment 4 parameter is not measurable, the condition or any deviation from normal should be noted (i.e., core circulation - forced or natural).
- 5.5 The completed forms shall be returned to the Shift Supervisor or Emergency Coordinator after transfer of the data.
- 5.6 At the completion of an actual event or exercise, completed Plant Status Reports shall be forwarded to Corporate Emergency Planner (Dave Burke - 49/5) for review and submittal to Central Records as appropriate.



PROGRAM NAME :LRGTSZ.E  
R.E. GINNA NUCLEAR POWER PLANT

# TREND GROUP ASSIGNMENT SUMMARY

GROUP NAME  
EVENT 1

GROUP DESCRIPTION  
SC-703 PLANT STATUS\*DON'T MODIFY

	<u>POINT ID</u>	<u>DESCRIPTION</u>	<u>CURRENT VALUE</u>	<u>QUALITY CODE</u>	<u>ENGR UNITS</u>
1	ATWS	ANTICIPATED TRANSIENT W/O SCRAM V	NO ATWS	GOOD	
2	RXT	REACTOR TRIP BREAKER STATUS V	NOT TRIP	GOOD	
3	N31	SOURCE RANGE DETECTOR N-31 V		INHB	CPS
4	N32	SOURCE RANGE DETECTOR N-32 V		GOOD	CPS
5	N35	INTERMEDIATE RANGE DETECTOR N-35		INHB	AMP
6	N36	INTERMEDIATE RANGE DETECTOR N-36 V		INHB	AMP
7	NP	AVERAGE NUCLEAR POWER		GOOD	%
8	PRCS	REACTOR COOLANT SYSTEM AVG PRESS		LWRN	PSIG
9	LPZR	PRESSURIZER AVERAGE LEVEL		GOOD	%
10	FRCLA	REACTOR COOLANT LOOP A AVG FLOW		GOOD	%
11	FRCLB	REACTOR COOLANT LOOP B AVG FLOW		GOOD	%
12	RXT16	RCPA BREAKER CAUSE RX TRIP	NOT TRIP	GOOD	
13	RXT17	RCPB BREAKER CAUSE RX TRIP	NOT TRIP	GOOD	
14	TSUBTC	INCORE TC SUBCOOLED MARGIN		GOOD	DEGF
15	LSGA	STM GEN A NARROW RANGE AVG LEVEL		GOOD	%
16	LSGB	STM GEN B NARROW RANGE AVG LEVEL		GOOD	%
17	PSGA	STM GEN A AVERAGE PRESSURE		GOOD	PSIG
18	PSGB	STM GEN B AVERAGE PRESSURE		GOOD	PSIG
19	GENBKR1	GENERATOR ON LINE BREAKER 1G1372	NOT TRIP	GOOD	
20	GENBKR2	GENERATOR ON LINE BREAKER 9X1372	NOT TRIP	GOOD	
21	BUS11A	BUS 11A SUPPLY BREAKER	NOT TRIP	GOOD	
22	BUS11B	BUS 11B SUPPLY BREAKER	NOT TRIP	GOOD	
23	BUS12A	BUS 12A SUPPLY BREAKER	NOT TRIP	GOOD	
24	BUS12B	BUS 12B SUPPLY BREAKER	NOT TRIP	GOOD	
25	B11A12A	BUS 11A TO 12A TIE BREAKER	TRIPPED	GOOD	
26	B11B12B	BUS 11B TO 12B TIE BREAKER	TRIPPED	GOOD	
27	PCV	CONTAINMENT AVERAGE PRESSURE		GOOD	PSIG
28	LSUMPA	CONTAINMENT SUMP A AVERAGE LEVEL		GOOD	FEET
29	L0942E	SUMP B LEVEL 8 INCHES (TRAIN A)	LOWER	GOOD	
30	L0943E	SUMP B LEVEL 8 INCHES (TRAIN B)	LOWER	GOOD	

ATTACHMENT 1

SC-703:3



PROGRAM NAME :LRGTSZ.E  
R.E. GINNA NUCLEAR POWER PLANT

### TREND GROUP ASSIGNMENT SUMMARY

GROUP NAME  
EVENT 1

GROUP DESCRIPTION  
SC-703 PLANT STATUS\*DON'T MODIFY

	<u>POINT ID</u>	<u>DESCRIPTION</u>	<u>CURRENT VALUE</u>	<u>QUALITY CODE</u>	<u>ENGR UNITS</u>
✓31	L0942D	SUMP B LEVEL 78 INCHES (TRAIN A)	LOWER	GOOD	
✓32	L0943D	SUMP B LEVEL 78 INCHES (TRAIN B)	LOWER	GOOD	
✓33	L0942C	SUMP B LEVEL 113 INCHES (TRAIN A)	LOWER	GOOD	
✓34	L0943C	SUMP B LEVEL 113 INCHES (TRAIN B)	LOWER	GOOD	
✓35	L0942B	SUMP B LEVEL 180 INCHES (TRAIN A)	LOWER	GOOD	
✓36	L0943B	SUMP B LEVEL 180 INCHES (TRAIN B)	LOWER	GOOD	
✓37	L0942A	SUMP B LEVEL 214 INCHES (TRAIN A)	LOWER	GOOD	
✓38	L0943A	SUMP B LEVEL 214 INCHES (TRAIN B)	LOWER	GOOD	
✓39	T0409A	RCLA HOT LEG TEMPERATURE		GOOD	DEGF
✓40	T0410A	RCLB HOT LEG TEMPERATURE		GOOD	DEGF
✓41	T0450	RCLA COLD LEG TEMPERATURE		GOOD	DEGF
✓42	T0451	RCLB COLD LEG TEMPERATURE		GOOD	DEGF
✓43	TAVGAWID	RCLA TAVG (THOT/TCOLD WIDE RNG)		GOOD	DEGF
✓44	TAVGBWID	RCLB TAVG (THOT/TCOLD WIDE RNG)		GOOD	DEGF
✓45	LRV	REACTOR VESSEL AVERAGE LEVEL		GOOD	%
✓46	TCCORE	E1.1 INCORE TC AVERAGE TEMP		GOOD	DEGF
✓47	FAUXFWA	S/G A TOTAL AUX FEEDWATER FLOW		GOOD	GPM
✓48	FAUXFWB	S/G B TOTAL AUX FEEDWATER FLOW		GOOD	GPM
✓49	BKR081	MTR AUXILIARY FEEDWATER PUMP A	OFF	GOOD	
✓50	BKR082	MTR AUXILIARY FEEDWATER PUMP B	OFF	GOOD	
✓51	V3505	AUX FEED PUMP STEAM SUPPLY VALVE A	CLOSED	GOOD	
✓52	V3504	AUX FEED PUMP STEAM SUPPLY VALVE B	CLOSED	GOOD	
✓53	FSIA	SAFETY INJECTION LOOP A AVG FLOW		GOOD	GPM
✓54	FSIB	SAFETY INJECTION LOOP B AVG FLOW		GOOD	GPM
✓55	P2160	SERVICE WATER PUMPS A & B HEADER		GOOD	PSIG
✓56	P2161	SERVICE WATER PUMPS C & D HEADER		GOOD	PSIG
✓57	BKR041	SERVICE WATER PUMP A	OFF	GOOD	
✓58	BKR042	SERVICE WATER PUMP B	ON	GOOD	
✓59	BKR043	SERVICE WATER PUMP C	ON	GOOD	
✓60	BKR044	SERVICE WATER PUMP D	OFF	GOOD	

**ATTACHMENT I**

SC-703:4



TREND GROUP ASSIGNMENT SUMMARY

GROUP NAME  
 EVENT 2

GROUP DESCRIPTION  
 SC-703 PLANT STATUS\*DON'T MODIFY

	<u>POINT ID</u>	<u>DESCRIPTION</u>	<u>CURRENT VALUE</u>	<u>QUALITY CODE</u>	<u>ENGR UNITS</u>
1	F0619	COMPONENT COOLING LOOP TOTAL FLW		LALM	GPM
2	LRWT	REFUELING WATER STORAGE TANK LVL		GOOD	%
3	WS033	33 FOOT LEVEL WIND SPEED		GOOD	MPH
4	WD033	33 FOOT LEVEL WIND DIRECTION		GOOD	DEG.
5	WT033	33 FOOT LEVEL TEMPERATURE		GOOD	DEGF
6	WT250	250 FOOT LEVEL TEMPERATURE		GOOD	DEGF
7	WDT2	250 TO 33 FOOT LEVEL DELTA TEMP		GOOD	DEGF
8	R01	AREA 1-CONTROL ROOM		GOOD	MR/H
9	R02	AREA 2-CONTAINMENT		GOOD	MR/H
10	R09	AREA 9-LETDOWN LINE MONITOR		GOOD	MR/H
11	R10A	CONTAINMENT IODINE MONITOR R10A		GOOD	CPM
12	R11	CONTAINMENT AIR PARTICULATE		GOOD	CPM
13	R12	CONTAINMENT GAS MONITOR		GOOD	CPM
14	R10B	PLANT VENT IODINE MONITOR R10B		GOOD	CPM
15	R13	AUX BLDG EXHAUST AIR PARTICULATE		GOOD	CPM
16	R14	AUX BLDG EXHAUST GAS MONITOR		GOOD	CPM
17	R29	AREA 29-CONTAINMENT HIGH RANGE		GOOD	R/HR
18	R30	AREA 30-CONTAINMENT HIGH RANGE		GOOD	R/HR
19	R15	CONDENSER AIR EJECTOR EXHAUST		GOOD	CPM
20	R12A5	CV VENT CHAN 5-LOW RANGE GAS		GOOD	UCI/CC
21	R12A7	CV VENT CHAN 7-MID RANGE GAS		GOOD	UCI/CC
22	R12A9	CV VENT CHAN 9-HIGH RANGE GAS		GOOD	UCI/CC
23	R14A5	PLANT VENT CHAN 5-LOW RANGE GAS		GOOD	UCI/CC
24	R14A7	PLANT VENT CHAN 7-MID RANGE GAS		GOOD	UCI/CC
25	R14A9	PLANT VENT CHAN 9-HIGH RANGE GAS		GOOD	UCI/CC
26	R15A5	AIR EJECTOR CHAN 5-LOW RANGE GAS		GOOD	UCI/CC
27	R15A7	AIR EJECTOR CHAN 7-MID RANGE GAS		GOOD	UCI/CC
28	R15A9	AIR EJECTOR CHAN 9-HI RANGE GAS		GOOD	UCI/CC
29	R31	AREA 31 STEAM LINE A (SPING)		GOOD	MR/HR
30	R32	AREA 32 STEAM LINE B (SPING)		GOOD	MR/HR

ATTACHMENT I

SC-703:5





## Attachment 2

## Obtaining Plant Status from the Computer

To review EVENT1

Type GD return

Computer response - ENTER NAME OF GROUP

Type EVENT1 return

Computer response - SELECT FUNC. KEY

To print EVENT1

Type GASR return

Computer response - ENTER GROUP NAME

Type EVENT1 return

Computer response - SELECT PRINTER LOCATION

Press F1

To review EVENT2

Type GD return

Computer response - ENTER NAME OF GROUP

Type EVENT2 return

Computer response - SELECT FUNC. KEY

To print EVENT2

Type GASR return

Computer response - ENTER GROUP NAME

Type EVENT2 return

Computer response - SELECT PRINTER LOCATION

Press F1

You now have copies of EVENT1 and EVENT2

Using Attachment 1, complete the \* items in center column.



1/2  
1/4  
1/8  
1/16  
1/32  
1/64  
1/128  
1/256  
1/512  
1/1024  
1/2048  
1/4096  
1/8192  
1/16384  
1/32768  
1/65536  
1/131072  
1/262144  
1/524288  
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# ATTACHMENT 3

61	AUX FEEDWATER SYS	_____	INSERV/	_____	STNDBY/	_____	OOS
62	SAFETY INJECT SYS	_____	INSERV/	_____	STNDBY/	_____	OOS
63	DIESEL GENERATORS	_____	INSERV/	_____	STNDBY/	_____	OOS
64	CV FAN COOLER SYS	_____	INSERV/	_____	STNDBY/	_____	OOS
65	SERVICE WATER SYS	_____	INSERV/	_____	STNDBY/	_____	OOS
66	POST-ACC CHAR FILT	DAMPERS _____ OPEN/ _____ CLOSED					
67	CV SPRAY PUMPS	_____	INSERV/	_____	STNDBY/	_____	OOS
68	COMPONT COOL SYS	_____	INSERV/	_____	STNDBY/	_____	OOS
69	DC SYSTEM	A _____ v B _____ v					
70	NAOH TNK LEVEL	_____	%				
71	BOR ACID TNK LEVEL	_____	%				



* REACTOR SHUTDOWN	YES / NO	TIME
R.C.S. PRESSURE		PSIG
PRZR LEVEL		%
CORE CIRC.	FORCED / NATURAL	
SUBCOOLED		°F
"A" S/G LEVEL		%
"B" S/G LEVEL		%
"A" S/G PRESSURE		PSIG
"B" S/G PRESSURE		PSIG
ONSITE POWER	EDG / TURBINE	
OFFSITE POWER	AVAILABLE/ UNAVAILABLE	
C.V. PRESSURE		PSIG
SUMP "A" LEVEL		FT
SUMP "B" LEVEL		IN
RCS TEMP		°F
RVLIS		%
CET		°F

AUXILIARY	_____	INSERVICE
FEEDWATER	_____	STANDBY
SYSTEM		OOS
SAFETY	_____	INSERVICE
INJECTION	_____	STANDBY
SYSTEM		OOS
DIESEL	_____	INSERVICE
GENERATORS	_____	STANDBY
		OOS
SERVICE	_____	INSERVICE
WATER	_____	STANDBY
SYSTEM		OOS
C.V. FAN	_____	INSERVICE
COOLERS	_____	STANDBY
SYSTEM		OOS
POST ACC.	DAMPER	DAMPER
CHARCOAL	OPEN	/
FILTER		CLOSED
C.V.	_____	INSERVICE
SPRAY	_____	STANDBY
PUMPS		OOS
COMPONENT	_____	INSERVICE
COOLING	_____	STANDBY
SYSTEM		OOS
D.C.		
SYSTEM		VOLTS
NaOH TANK		
LEVEL		%
RWST		
LEVEL		%
B.A. TANK		
LEVEL		%
WIND SPEED (FROM)		MPH
WIND DIRECTION		DEGREES
TEMPERATURE 33 FT		°F
TEMPERATURE 250 FT		°F

RADIATION MONITOR READINGS	
R-1 CONTROL ROOM	Mrem/hr
R-2 CONTAINMENT	Mrem/hr
R-9 LETDOWN MONITOR	Mrem/hr
R-10 "A" CONTAINMENT IODINE	CPM
R-11 CONTAINMENT PARTICULATE	CPM
R-12 CONTAINMENT GAS	CPM
R-10 "B" PLANT VENT IODINE	CPM
R-13 PLANT VENT PARTICULATE	CPM
R-14 PLANT VENT GAS	CPM
R-29 "A" CONTAINMENT HIGH RANGE	R/hr
R-30 "B" CONTAINMENT HIGH RANGE	R/hr
R-15 AIR EJECTOR	CPM
*R-12A SPING CONTAINMENT GAS	uc/cc
*R-14A SPING PLANT VENT GAS	uc/cc
*R-15A SPING AIR EJECTOR GAS	uc/cc
R-31 STEAM LINE "A"	Mrem/hr
R-32 STEAM LINE "B"	Mrem/hr

DATE \_\_\_\_\_

TIME COMPLETED \_\_\_\_\_

COMPLETED BY \_\_\_\_\_

R/hr = ROENTGEN/HOUR  
 uc/cc = MICROCURIES/CUBIC CENTIMETER  
 Mrem/hr = MILLIREM/HOUR  
 CPM = COUNTS/MINUTE

\* SPING UNIT READINGS MAY BE DELETED IF  
 RADIATION MONITORS R-12 & R-14 ON SCALE

1  
2  
3



NUCLEAR EMERGENCY OFFSITE RESPONSE PROCEDURES

(NEORP)

CONTROLLED  
DOCUMENT

ASSIGNEE

Betty Goble

NUMBER

116

Revision 20  
May 1989

RECEIVED  
COMMUNICATIONS SECTION

NOV 19 1954  
U.S. AIR FORCE  
OFFICE OF THE JUDGE ADVOCATE GENERAL  
WASHINGTON, D.C.



NUCLEAR EMERGENCY OFFSITE RESPONSE  
EOF/RECOVERY MANAGER  
CALL LIST

<u>Position</u>	<u>Name</u>	<u>Phone Numbers</u>
Nuclear Operations Manager	1. Robert C. Mecredy	Office: (716) 724-8069 Home: (716) 381-6430 Pager: (716) 921-5514
	2. Wesley H. Backus	Office: (315) 524-4446 ext.302 Home: (716) 383-1006 Pager: (716) 921-5512
	3. Gary D. Meier	Office: (716) 546-2700, ext. 21222 Home: (315) 589-6691 Pager: (716) 238-1325
	4. Joe F. Larizza	Office: (716) 724-8116 Home: (716) 872-6342
Corporate Spokesperson	1. John C. Noon	Office: (716) 724-8031 Home: (716) 342-1282 Pager: (716) 921-5522
	2. Howard E. Rowley	Office: (716) 724-8809 Home: (716) 377-5096 Pager: (716) 546-2700, ext. 770836
	3. Michael A. Power	Office: (716) 724-8828 Home: (716) 473-8418 Pager: (716) 546-2700, ext. 770506
	4. Richard C. Peck	Office: (716) 724-8813 Home: (716) 663-2455 Pager: (716) 546-2700, ext. 770092
Engineering Support	1. Bruce A. Snow	Office: (716) 724-8058 Home: (716) 671-5912 Pager: (716) 921-5510
	2. William L. McCoy	Office: (716) 724-8122 Home: (716) 248-2154 or: (716) 396-1053

(Note: Additional names can be found in ATTACHMENT III)

Revision 20 May 1989



NUCLEAR EMERGENCY OFFSITE RESPONSE  
EOF RECOVERY MANAGER  
OFF HOUR CALL LIST

April 11, 1989  
Page 2

INSTRUCTIONS

If pager calls are necessary, a message will indicate appropriate instructions such as:

- A. Call me at (phone number)
- B. Call me in the EOF [(716)546-2700 Ext. 4091] in \_\_\_\_ minutes.
- C. Call the EOF answering machine at (716)262-5413

ALL PAGER MESSAGES SHALL BE REPEATED AT LEAST TWICE.

OTHER IMPORTANT NUMBERS:

Roger W. Kober	Home: (716) 872-5296
	Other: (716) 394-2589
	Pager: (716) 546-2700 Ext. 770138
Ginna Control Room	(716) 546-7842
	(716) 546-7848
John Oberlies	Home: (716) 461-3149
	Other: (518) 624-3741
	Pager: (716) 546-2700 Ext. 770096
Bob Smith	Home: (716) 872-3490
	Pager: (716) 921-8317



ADDITIONAL PERSONNEL FOR  
ENGINEERING SUPPORT

3.	Paul C. Wilkens	Office: (716) 724-8076 Home: (716) 248-2385
4.	Leonard Sucheski	Office: (716) 724-8112 Home: (716) 377-3758
5.	Gary A. Goetz	Office: (716) 724-8073 Home: (716) 227-4875 Other: (716) 659-2630
6.	Charles R. Anderson	Office: (716) 724-8119 Home: (716) 265-0987
7.	Gene Voci	Office: (716) 724-4440 Home: (716) 586-0987
8.	George Daniels	Office: (716) 724-8094 Home: (716) 248-2691

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NUCLEAR EMERGENCY OFFSITE RESPONSE  
CALL LIST  
NUCLEAR OPERATIONS MANAGER

<u>Position</u>	<u>Name</u>	<u>Phone Numbers</u>
Corporate Nuclear Emergency Planner	1. David W. Burke	Office: (716) 724-8022 Home: (716) 334-4744
	2. Richard W. Morrill	Office: (716) 724-8065 Home: (716) 671-7082
	3. Richard Watts	Office: (716) 546-2700 ext, 4165 Pager: (716) 921-5513 Home: (716) 425-2644
	Corporate Emergency Planner Pager: (716) 238-1324	

Technical Assistant  
to Nuclear  
Operations Manager

1. Dan Klemz	Office: (315) 524-4446 ext. 473 Home: (716) 865-1505
2. Mel Sexton	Office: (315) 524-4446 ext. 235 Home: (716) 265-2309
3. Dan Berry	Office: (315) 524-4446 ext. 235 Home: (315) 524-4905

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NUCLEAR EMERGENCY OFFSITE RESPONSE  
CORPORATE SPOKESPERSON'S CALL LIST

- 1.0 PURPOSE  
To provide the Corporate Spokesperson with a list of phone numbers to alert his aides and Public Information in the event of a nuclear emergency.
- 2.0 INSTRUCTIONS
- 2.1 Upon notification by the EOF/Recovery Manager of an emergency at Ginna Station, notify the following personnel to standby, report to the EOF, or provide other instructions.
- 2.1.1 Howard E. Rowley      Office: 724-8809  
                                 Home: 377-5096  
                                 Pager: 546-2700, ext. 770836
- 2.1.2 Michael A. Power      Office: 724-8828  
                                 Home: 473-8418
- 2.1.3 Richard C. Peck      Office: 724-8813  
                                 Home: 663-2455  
                                 Pager: 546-2700 ext. 770092
- 2.1.4 Alternate Corporate Spokesperson Pager (716) 921-5522
- 2.1.5 News Center Manager
- Gordon R. Nacy      Office: 546-2700 ext. 4762  
                                 Home: 381-0868
- 2.1.6 David J. Whitlock      Office: 724-8154  
                                 Home: 265-9849
- 2.1.7 John W. Edmunds      Office: 724-8864  
                                 Home: 243-5151  
                                 Summer: 437-5442
- 2.1.8 Lee M. Loomis      Office: 724-8169  
                                 Home: 889-2575
- News Center Managers Pager: (716) 921-5521
- Other Numbers
- 2.1.9 John W. Oberlies      Office: 546-2700 Ext. 8808  
                                 Home: 461-3149  
                                 Summer: (518) 624-3741  
                                 Pager: 546-2700 ext. 770096
- 2.1.10 W. J. Schrouder, Jr. Office: 724-8751  
                                 Home: 377-1161

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NUCLEAR EMERGENCY OFFSITE RESPONSE  
OFFSITE AGENCY LIAISON CALL LIST

1.0 PURPOSE:

To provide the Offsite Agency Liaison with phone numbers to alert RG&E technical liaisons to New York State, Monroe County and Wayne County.

2.0 INSTRUCTIONS:

Upon notification by the Corporate Emergency Planner of an emergency at Ginna Station, notify the following personnel to standby or report to a designated post.

2.1.1	Thomas Swartz	Office: (Albany) (518) 462-5631 Home: (Marriott Hotel) (518) 458-8444
		Office: (RG&E) (716) 724-8867 Home: (716) 621-3926
2.1.2	J. Robert Brown	Office: (716) 546-2700, ext. 4029 Home: (716) 872-2148 (Unlisted)
2.1.3	Wes Hunter	Office: (315) 524-4446, ext. 613 Home: (716) 377-6935
2.1.4	Bob Harper	Office: (315) 524-4446, ext. 358 Home: (716) 377-4977
2.1.5	John Hart	Office (315) 524-4446, ext. 309 Home: (315) 483-8141
2.1.6	James F. Sweet	Office: (716) 546-2700, ext. 71-283 Home: (315) 483-6795
2.1.7	Raymond B. Junot	Office: None (Retired) Home: (716) 334-2690

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ESP 24/1

NUCLEAR EMERGENCY OFFSITE RESPONSE  
CORPORATE EMERGENCY PLANNER  
CALL LIST

1.0 PURPOSE

To provide the Corporate Emergency Planner with a list of phone numbers for emergency notification of certain Emergency Operations Facility positions.

2.0 INSTRUCTIONS

2.1 Upon notification by the Nuclear Operations Manager of an Emergency at Ginna Station, notify the following personnel to standby or report to the EOF.

<u>Position</u>	<u>Name</u>	<u>Phone Numbers</u>
2.1.1 Offsite Agency Liaison	1. Elmer E. Adkins	Office: (716) 724-8810 Home: (716) 482-8065 Pager: (716) 921-5523
	2. Bobby Ellis	Office: (716) 724-4953 Home: (716) 381-3356
	3. Tom Swartz	Office: (716) 724-8867 Home: (716) 621-3926
2.1.2 Personnel and Facilities	1. David J. Irish	Office: (716) 724-8302 Home: (716) 223-9297 Pager: (716) 921-5519
	2. Jeffrey W. Peters	Office: (716) 724-8750 Home: (716) 385-3015
	3. Thomas J. Powell	Office: (716) 724-8717 Home: (716) 381-8852
	4. David S. Webster	Office: (716) 724-8838 Home: (716) 377-5229
	5. W.J. Schrouder, Jr.	Office: (716) 724-8751 Home: (716) 377-1161

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<u>Position</u>	<u>Name</u>	<u>Phone Numbers</u>
2.1.3 Advisory Support	1. Clifton B. Olson	Home: 1-768-4225 Pager: (716) 921-8697
	2. Thomas Frantz	Office: (716) 724-8737 Home: (716) 889-9768
	3. Paul G. Ruganis	Office: (716) 724-8018 Home: (716) 223-4427
	4. John E. Arthur	Office: (716) 724-8117 Home: (716) 889-1512
2.1.4 Communicators	1. Donald R. Travis	Office: (315) 524-4446 ext. 595 Home: (716) 359-1499
	2. Roger L. Dobbs	Office: (716) 724-8060 Home: (315) 589-6884
	3. Robert Dodge	Office: (315) 524-4446 ext. 396 Home: (315) 524-7294
	4. Diana Brunson	Office: (716) 546-2700 ext. 4006 Home: (716) 464-0606 (unlisted)
2.1.5 Status Board Keepers	1. James Cullen	Office: (315) 524-4446 ext. 595 Home: (716) 377-8219
	2. David Stone	Office: (716) 546-2700 ext. 4059 Home: (716) 377-4231
	3. Bernie Rivera	Office: (716) 546-2700 ext. 4020 Home: (716) 875-7130
	4. Dave Dennany	Office: (716) 546-2700 ext. 4057 Home: (716) 266-4654
	5. Nick Acciacio	Office: (716) 546-2700 ext. 4040 Home: (716) 638-7257

NOTE: Communicators and Status Board Keepers receive similar training and can be used in either position.

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<u>Position</u>	<u>Name</u>	<u>Phone Numbers</u>
2.1.6 Plant Computer Operator	1. Donald E. Buehlman	Office: (716) 546-2700 ext. 4669 Home: (716) 377-3128
	2. Deborah K. Zakrzewski	Office: (716) 564-2700 ext. 4588 Home: (716) 266-3906
	3. David M. Baldwin	Office: (716) 546-2700 ext. 4587 Home: (716) 663-9159
2.1.7 EOF Dose Assessment Support	1. Robert Burton	Office: (716) 724-8397 Home: (716) 265-2167
	2. Dudley Schuyler	Office: (716) 546-2700 ext. 4042 Home: (716) 586-1824
	3. Karen Sahler	Office: (716) 724-8684 Home: (716) 671-0957
2.1.8	Offsite Agency Liaison, Facilities and Personnel, Advisory Support, and EOF Dose Assessment Support will continue the sequence of calls per their individual procedures and plans.	
2.1.9	When all other positions are confirmed to be filled, continue calling the remaining personnel to ensure continuous EOF manning.	



ROCHESTER GAS AND ELECTRIC CORPORATION  
Inter Office Correspondence  
March 30, 1989

ESP 25/3

SUBJECT: Off Hours Call-in Procedures Test

TO: Recovery Manager                      Corporate Emergency Planner  
Nuclear Operations Manager           Facilities & Personnel Mgr.  
Corporate Spokesperson               Dose Assessment Support  
News Center Manager                  Offsite Agency Liaison  
Advisory Support Manager

Sometime before the Annual Exercise, a test or tests of the call-in procedures will be conducted to verify the ability to adequately man Ginna Emergency Response Facilities. Upon notification of an off-hours call-in procedure test, begin making calls using the attached worksheet(s).

As indicated call the home number first, then the individual's alternate home number if required. If neither call fills the position work down the list until successful. If you receive no responses to the phone list, call the pager number as noted. MAKE EVERY EFFORT TO CONTACT SOMEONE IN EACH POSITION AS QUICKLY AS POSSIBLE.

Following are instructions for each column noted on the worksheet:

TIME CALLED      Enter the time you started each number. When you contact the person give the test message.

BUSY            On the first call to any number place a check mark in the left column. When you try again within a maximum of 5 minutes enter the time if still busy in the right column.

NO ANSWER        Enter a check mark. In the case of an answering machine, leave a message but consider it a "no answer".

PERSON HOME      Check the appropriate column, yes or no.

CAN BE REACHED    If previous answer is no, inquire if the person can be contacted to return call. If yes, give the number you want called.

TIME CALL RETURNED    Enter time.

ETA    Ask the person called what they estimate as their time of arrival at their assigned facility. Enter their response.

At the end of your calling lists please check to see that all spaces are filled as appropriate, sign and forward to Corporate Emergency Planner, 49 East Ave., 5th floor on the next working day.

Thank you for your assistance in conducting this test.

David W. Burke  
Corporate Nuclear Emergency Planner  
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1. The first part of the document is a list of names and addresses of the members of the committee. The names are listed in alphabetical order, and the addresses are listed below each name. The list includes the names of the members of the committee, the names of the members of the subcommittee, and the names of the members of the advisory committee. The addresses are listed in the same order as the names.

ATTACHMENT II  
PAGER TEST

ESP 26/4

Caller: \_\_\_\_\_

Date: \_\_\_\_\_

Test Message:

This is the monthly test of Emergency Plan Pagers. Please respond per the test notice. This is a test.

<u>Pager Number</u> <u>Person or</u> <u>Position assigned</u>	<u>Time</u> <u>Called</u>	<u>Person Responding</u>	<u>Time of Response</u>	<u>No</u> <u>Action</u>
Robert E. Smith (Recovery Mgr.) 921-8317 (x 8074)				
Robert C. Mecredy Nuclear Operation Manager 921-5514 (x 8069)				
Gary Meier (Alt. Nuclear Operation Mgr.) 238-1325(x21-222)				
Wes Backus (Alt. Nuclear Operation Mgr.) 921-5512(x71-302)				
Jack Noon (Corporate Spoke- person) 921-5522 (x 8031)				
Bruce A. Snow Eng. Support Mgr. 921-5510 (x8058)				
David W. Burke Corporate Emer- gency Planner 238-1324 (x 8022)				
Rick Watts Corporate Emer- gency Planner 921-5513				
Gordon Nacy News Center Mgr. 921-5521 (x 4762)				

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<u>Pager Number Person or Position assigned</u>	<u>Time Called</u>	<u>Person Responding</u>	<u>Time of Response</u>	<u>No Response Action</u>
Elmer Adkins Offsite Agency Liaison 921-5523 (x 8810)				
D. Irish Facilities and Personnel 921-5519 (x 8302)				
Clif Olson Advisory Support 921-8697 (x 8954)				
Stan Spector Emergency Coord. 921-5507 (x71-250)				
John Walden TSC Communicator 921-5509 (x71-588)				
Duane Filkins 921-5525 (DA) 921-8360 (HP/Chem) (x 71-219)				
Terry Schuler Operations Mgr. 921-8278 (x71-255)				
Tom Marlow Maintenance Mgr. 921-8366 (x71-214)				
Steve Adams Tech. Assess. Mgr 921-5508 (x71-494)				
Karl Nassauer Survey Center Mgr RG&E Ext. 770353 (x 71-488)				

