GINNA STATION
UNIT #1
COMPLETED

DATE:-

TIME:-

ROCHESTER GAS AND ELECTRIC CORPORATION

GINNA STATION

CONTROLLED COPY NUMBER 23

PROCEDURE NO. SC-312 REV. NO. 5

MANNING THE OPERATION SUPPORT CENTER

TECHNICAL REVIEW

PORC REVIEW DATE 9-16-87

PLANT SUPERINTENDENT

9-23-87
EFFECTIVE DATE

QA X NON-QA _____ CATEGORY 1.0

REVIEWED BY: _____

THIS PROCEDURE CONTAINS 4 PAGES

SC-312

MANNING THE OPERATIONAL SUPPORT CENTER

1.0 **PURPOSE:**

1.1 The purpose of this procedure is to provide guidance for personnel who will staff the Operational Support Center (OSC). These personnel will assist the TSC and Control Room with emergency functions as requested.

2.0 **REFERENCES:**

2.1 Nuclear Emergency Response Plan

2.2 SC-200 Emergency Response Organization/Responsibilities

2.3 SC-230 Immediate Entry

2.4 SC-233 Search and Rescue

2.5 SC-235 Repair and Corrective Action Guide

3.0 **INSTRUCTIONS:**

3.1 An area of the Technical Support Center (TSC) is designated as the Operations Support Center (OSC).

3.2 During normal working hours (or if on site) the following persons will report directly to the OSC upon announcement of an Alert level or greater.

1. Pipefitter Foreman
2. Machinist Foreman
3. I & C Foreman
4. Electrician Foreman
5. Maintenance Foreman

3.2.1 Additional Personnel as requested will be obtained from the shops or Emergency Survey Center.

3.3 Personnel at the Training Center Auditorium will be under the direction of the Survey Center Manager until they have been specifically assigned to the OSC or another designated function.

3.3.1 Personnel assigned to the OSC will be under the direction of the Plant Maintenance Assessment Manager.

3.4 Upon arrival at OSC:

3.4.1 Assure your name is posted on TSC magnetic organization chart.

3.4.2 Sign out a dosimeter.

3.4.3 Perform responsibilities as described in SC-200.

3.4.4 Maintain log book for documentation of events.

3.4.5 Account for personnel available for use.

3.4.6 Account for personnel present at OSC.

3.4.7 Account for personnel assigned functions and their location.

3.4.8 Notify TSC of personnel present at OSC and when it is operational.

3.5 During off duty hours individuals will be called to report to Ginna Station.

3.5.1 They may be directed to report to the OSC using normal entrance procedure, or they may be directed to the Emergency Survey Center where they shall:

3.5.1.1 Obtain a TLD and a pocket dosimeter.

3.5.1.2 Obtain appropriate tag from survey center tag board and log name under tag.

3.5.1.3 Follow instructions on tag.

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

3.5.1.5 Refer to SC-235 Repair and Corrective Action Guide for additional guidance.

3.6 Tag assignments are listed in Attachment I.

ATTACHMENT I

TAG BOARD ASSIGNMENTS

Pipefitter Foreman

Proceed to O.S.C.

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

Report to Plant Maintenance Assessment Manager.

REVERSE SIDE

Obtain and Use

TLD
Pocket Dosimeter
Dose Rate Meter
Protective Clothing
Full Face Mask with Filter

Machinist Foreman

Proceed to O.S.C.

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

Report to Plant Maintenance Assessment Manager.

REVERSE SIDE

Obtain and Use

TLD
Pocket Dosimeter
Dose Rate Meter
Protective Clothing
Full Face Mask with Filter

Instrument and Control Foreman

Proceed to O.S.C.

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

Report to Plant Maintenance Assessment Manager.

REVERSE SIDE

Obtain and Use

TLD
Pocket Dosimeter
Dose Rate Meter
Protective Clothing
Full Face Mask with Filter

ATTACHMENT I (con't)

TAG BOARD ASSIGNMENTS

Electrical Foreman

Proceed to O.S.C.	REVERSE SIDE
Use protective guidance of Health Physicist at T.S.C. or actions on reverse side	Obtain and Use
Report to Plant Maintenance Assessment Manager	TLD Pocket Dosimeter Dose Rate Meter Protective Clothing Full Face Mask with Filter

Maintenance Foreman

Proceed to O.S.C.	REVERSE SIDE
Use protective guidance Of Health Physicist at T.S.C. or actions on reverse side.	Obtain and Use
Report to Plant Maintenance Assessment Manager.	TLD Pocket Dosimeter Dose Rate Meter Protective Clothing Full Face Mask with Filter

GINNA STATION
UNIT #1
COMPLETED
DATE:-
TIME:-

ROCHESTER GAS AND ELECTRIC CORPORATION

GINNA STATION

CONTROLLED COPY NUMBER 23

PROCEDURE NO. SC-603 REV. NO. 18

SITE EMERGENCY NOTIFICATION

TECHNICAL REVIEW

PORC REVIEW DATE 2-17-88

PLANT SUPERINTENDENT

3-5-88
EFFECTIVE DATE

QA ✓ NON-QA _____ CATEGORY 1.0

REVIEWED BY: _____

THIS PROCEDURE CONTAINS 3 PAGES

SC-603

SITE EMERGENCY NOTIFICATION

1.0 **PURPOSE:**

1.1 Provide information for the activation of the emergency response plan at the site emergency level.

2.0 **REFERENCES:**

2.1 Nuclear Emergency Response Plan

2.2 SC-200, Emergency Response Organization/Responsibilities

2.3 NUREG 0654

3.0 **INSTRUCTIONS:**

3.1 During normal working hours steps 3.2 through 3.3 may not be necessary.

3.2 If you completed SC-602, go to Step 3.5.

3.3 Notify Gas Dispatcher (71-8522) to begin the GINNA STATION SITE CONTINGENCY CALL LIST, SC-605.

3.4 Notify RG&E Telephone Service (71-0) to begin the GINNA STATION SITE CONTINGENCY CALL LIST SC-605, Attachment B.

3.5 Report "WE HAVE A SITE EMERGENCY AT GINNA STATION BASED ON_____" "PLEASE REPORT TO YOUR EMERGENCY STATION" to the following:
(initiating condition)

3.5.1 Plant Superintendent -

3.5.1.1	STAN SPECTOR	Home -	9-716-271-6177
		Summer -	9-716-554-3269
3.5.1.2	TOM MEYER	Home -	9-315-589-5271
		Summer -	9-315-776-8961

3.5.2 USNRC Resident Inspector -

3.5.2.1	CHARLES MARSCHALL	9-315-592-4749

3.5.2.2 NEIL PERRY 9-315-331-6101

3.6 Notify Security (ext. 258 or page) to activate Security Personnel Action During A Radiation Emergency.

3.7 Report "WE HAVE A SITE EMERGENCY AT GINNA STATION BASED ON _____" to the following: (initiating condition)

3.7.1 Senior Vice President Production & Eng. - Electric
- ROGER KOBER
business - 71-8714
home - 9- 716-872-5296
summer - 9- 716-394-2589
pager - 71-770138

3.7.2 Superintendent of Nuclear Production
- BRUCE SNOW
business - 71-8058
home - 9- 716-671-5912
pager - 9- 716-921-5510

3.7.3 If unable to contact individuals in step 3.7.1 and 3.7.2 call the below persons until one is reached and request they report to EOF as Recovery Manager.

3.7.3.1 Robert Smith Home 9-716-872-3499

3.7.3.2 Stanley Spector - See step 3.4.1 for phone numbers

3.7.3.3 Robert Mecredy Home 9-716-381-6431

3.8 Report information to New York State, Wayne County and Monroe County within 15 minutes of declaring the event. Refer to SC-701 for report and phone contact.

3.9 Report information to USNRC within one hour using O-9.3.

3.10 Notify Power Control that Ginna has an emergency and to implement procedure to increase reliability of power supply to Ginna.

3.11 Contact personnel at special locations as known by Shift Supervisor or Control Room personnel and request they report to Ginna Station for an emergency. i.e. Tom Meyer is bowling on Tuesday night, call him at bowling center.

3.12 Report "WE HAVE A SITE EMERGENCY BASED ON: _____" to the following: (initiating condition)

3.12.1 Contact Westinghouse using phone numbers in SC-606 to activate their Emergency Response Plan.

3.12.2 Contact INPO using phone numbers in SC-606 to activate their Emergency Response Plan.

3.13 If requested by Emergency Coordinator, request radiological assistance from RAP team, Brookhaven using SC-606.

3.14 Review that all personnel on this list have been contacted and when Gas Dispatcher and Telephone Service report back which personnel have not been contacted continue to try reaching them. Make Shift Supervisor aware of any incomplete calls.

GINNA STATION
UNIT #1
COMPLETED

DATE:-
TIME:-

ROCHESTER GAS AND ELECTRIC CORPORATION

GINNA STATION

CONTROLLED COPY NUMBER 23

PROCEDURE NO. SC-604 REV. NO. 20

GENERAL EMERGENCY NOTIFICATION

TECHNICAL REVIEW

PORC REVIEW DATE 2-17-88

S M Spector
PLANT SUPERINTENDENT

3-5-88
EFFECTIVE DATE

QA ✓ NON-QA _____ CATEGORY 1.0

REVIEWED BY: _____

THIS PROCEDURE CONTAINS 3 PAGES

SC-604

GENERAL EMERGENCY NOTIFICATION

1.0 **PURPOSE:**

1.1 Provide information for the activation of the Emergency Response Plan at the General Emergency Level.

2.0 **REFERENCES:**

2.1 Nuclear Emergency Response Plan

SC-200 Emergency Response Organization/Responsibilities

2.2 NUREG 0654

3.0 **INSTRUCTIONS:**

3.1 During normal working hours steps 3.2 through 3.4 may not be necessary.

3.2 If you completed SC-602 go to step 3.5.

3.3 Notify Gas Dispatcher (71-8522) to begin GINNA STATION SITE CONTINGENCY Call List SC-605.

3.4 Notify RG&E Telephone Service (71-0) to begin the GINNA STATION SITE CONTINGENCY CALL LIST SC-605, Attachment B.

3.5 Report "WE HAVE A GENERAL EMERGENCY AT GINNA STATION BASED ON _____" "PLEASE REPORT TO YOUR
(initiating condition)
EMERGENCY STATION" to the following:

3.5.1 Plant Superintendent

3.5.1.1	Stan Spector	Home -	9-716-271-6177
		Summer -	9-716-554-3269
3.5.1.2	Tom Meyer	Home -	9-315-589-5271
		Summer -	9-315-776-8961

3.5.2 USNRC Resident Inspector

3.5.2.1	Charles Marschall	9-315-592-4749
3.5.2.2	Neil Perry	9-315-331-6101

3.6 Notify Security (ext. 258 or page) to activate Security Personnel Action During A Radiation Emergency.

3.7 Report "We have a General Emergency at Ginna Station based on _____" to the following:
(initiating condition)

3.7.1 Senior Vice President Production & Eng. - Electric
- Roger Kober

Business:	7-1-8714
Home:	9-716-872-5296
Summer:	9-716-394-2589
Pager:	71-770138

3.7.2 Superintendent of Nuclear Production
- Bruce Snow

Business:	71-8058
Home:	9-716-671-5912
Pager:	9-716-921-5510

3.7.3 If unable to contact individuals in step 3.7.1 and 3.7.2 call the below persons until one is reached and request they report to EOF as Recovery Manager.

3.7.3.1 Robert Smith Home 9-716-872-3499

3.7.3.2 Stanley Spector - See step 3.4.1 for phone numbers

3.7.3.3 Robert Mecredy Home 9-716-381-6431

3.8 Report information to New York State, Wayne County and Monroe County within 15 minutes of declaring the event. Refer to SC-701 for report and phone contact.

3.9 Report information to USNRC within 1 hour using O-9.3.

3.10 Notify Power Control that Ginna has an emergency and to implement procedure to increase reliability of power supply to Ginna.

3.11 Contact personnel at special locations as known by Shift Supervisor or Control Room personnel and request they report to Ginna Station for an emergency. ie. Tom Meyer is bowling on Tuesday night, call him at the bowling center.

3.12 Report "We have a General Emergency at Ginna Station based on _____" to the following:
(initiating condition)

3.12.1 Contact Westinghouse using phone number in SC-606 to activate their Emergency Response Plan.

3.12.2 Contact INPO using phone number in SC-606 to activate their Emergency Response Plan.

3.13 If requested by Emergency Coordinator request radiological assistance from RAP team, Brookhaven using SC-606.

3.14 Notify Radiation Management Corporation of General Emergency Condition using phone numbers in SC-606.

3.15 Notify Plant Doctors of General Emergency condition and any medical problems using phone numbers in SC-606.

Dr. Loomis

Dr. Daniel Koretz

Dr. Neal Smith

3.16 Notify the US Coast Guard of the General Emergency and to keep the Lake area near the plant clear of water traffic using phone numbers in SC-606.

3.17 Review that all personnel on this list have been contacted and when Gas Dispatcher and Telephone Service report back which personnel have not been contacted continue to try reaching them. Make Shift Supervisor aware of any incomplete calls.

ROCHESTER GAS AND ELECTRIC CORPORATION

GINNA STATION

CONTROLLED COPY NUMBER 23

GINNA STATION
UNIT #1
COMPLETED

DATE:-

TIME:-

PROCEDURE NO. SC-607 REV. NO. 22

STATION CALL LIST

TECHNICAL REVIEW

PORC REVIEW DATE 2-17-88

PLANT SUPERINTENDENT

3-5-88
EFFECTIVE DATE

QA ✓ NON-QA _____ CATEGORY 1.0

REVIEWED BY: _____

THIS PROCEDURE CONTAINS 17 PAGES

SC-607

STATION CALL LIST

1.0 **PURPOSE:**

1.1 To provide the Emergency Coordinator with a list of phone numbers for station personnel.

2.0 **REFERENCES:**

2.1 Nuclear Emergency Response Plan

3.0 **INSTRUCTIONS:**

3.1 If additional assistance during a Radiation Emergency is required, refer to attached listing for phone number of station personnel.

ADAMS, STEVEN	89 ROSSMAN DRIVE WEBSTER, NY 14580	671-0845
AKALIN, ALP	50 BRIGHTWOODS LANE ROCHESTER, NY 14623	272-1714
ALDER, JOSEPH N.	6469 ONTARIO CENTER ROAD ONTARIO, NY 14519	(315) 524-7632 (UNLISTED)
ALEXANDER, THOMAS L.	5929 LINCOLN ROAD ONTARIO, NY 14519	(315) 524-8084
ANDERSON, JUNE	P.O. BOX 119 AVON, NY 14414	226-3166
ANDERSON, MELVIN C.	2537 KENYON ROAD ONTARIO, NY 14519	(315) 524-8067
ANTCZAK, MARY JO	108 COUNTRY MANOR WAY #17 WEBSTER, NY 14580	265-9135
ANZALONE, ROBERT	93 REDWOOD DR. ROCHESTER, NY 14617	544-1824
BACKUS, WESLEY	1835 BRICK CHURCH RD. ONTARIO, NY 14519	(315) 524-8506
BACON, JAMES G.	P.O. BOX 161 ONTARIO, NY 14519	872-1051
BAKER, DONALD A.	1344 WILSON ROAD MACEDON, NY 14502	(315) 986-2670
BANKE, JAMES A.	4638 SMITH ROAD MARION, NY 14505	(315) 926-5256
BATZ, RICHARD	P.O. BOX 245 4030 MAIN STREET WILLIAMSON, NY 14589	(315) 589-9393
BAUMAN, MIKE	92 CASTLE ACRES DR. WEBSTER, NY 14580	671-2551
BELDING, RICHARD L.	2024 ROUTE 64 IONIA, NY 14475	657-6819
BELDUE, RICHARD J.	5250 BRICK SCHOOLHOUSE ROAD NORTH ROSE, NY 14516	(315) 587-2796
BELUKE, STUART	3295 MAPLE AVENUE WALWORTH, NY 14568	(315) 597-5170

BEMENT, JAMES E.	47 TAMARACK DRIVE CANANDAIGUA, NY 14424	396-1712
BERGESON, BILL	110 ALLENDALE STREET ROCHESTER, NY 14610	(315) 524-9581
BERRY, DANIEL	P.O. BOX 148 ONTARIO CENTER, NY 14520	(315) 524-4905
BIEDENBACH, RICHARD C.	1781 WINTON ROAD, NORTH ROCHESTER, NY 14609	654-9291
BLACKALL, KEITH R.	31 BELDEN AVENUE SODUS, NY 14551	(315) 483-6089
BODINE, JAMES C.	149 STOCKTON LANE ROCHESTER, NY 14625	671-1113
BODLEY, WARREN	120 AUTHORS AVENUE HENRIETTA, NY 14467	334-2962
BOMBARD, JAMES	8184 RIDGE ROAD SODUS, NY 14551	(315) 483-4292
BOMMELE, ROBERT	1039 SHOEMAKER ROAD WEBSTER, NY 14580	872-4737
BOTTONI, RONALD G.	126 RIDGE ROAD P.O. BOX 89 UNION HILL, NY 14563	265-0653
BOUTWELL, LOUIS E.	6922 LAKESIDE ROAD ONTARIO, NY 14519	(315) 524-8764
BREHSE, NEIL A.	51 HASKINS LANE N. HILTON, NY 14468	392-9527
BRIGGS, LAWRENCE	3775 MILL STREET P.O. BOX 388 MARION, NY 14505	(315) 926-5269
BROOKS, RICHARD	190 RIDGECREST RD. ROCHESTER, NY 14626	227-0684
BROWN, GERALD	236 RIDGE RD. ONTARIO, NY 14519	265-3285
BRYAN, ROBERT F.	184 EASTEGATE DRIVE ROCHESTER,NY 14617	266-1146
BURGESS, GARY	1349 AYRAULT ROAD, APT. 76 FAIRPORT, NY 14450	223-7273

BUSSARD, WILLARD	5023 LASHER ROAD NORTH ROSE, NY 14516	(315) 594-2467
BUTLER, BARBARA	147 CLARK AVENUE ROCHESTER, NY 14609	342-8184
CAIN, GARY A.	1520 HENNESSEY ONTARIO, NY 14519	(315) 524-7343
CARROLL, ROBERT A.	3389 ORCHID CRESCENT WALWORTH, NY 14568	(315) 986-3406
CARTER, STEVE	3591 SUNSET LANE WILLIAMSON, NY 14589	(315) 589-9051
CASSELMAN, ROBERT	4137 DOWNS ROAD WALWORTH, NY 14568	(315) 597-4256
CATALANO, CATHERINE R.	6254 FURNACE ROAD ONTARIO, NY 14519	(315) 524-7451
CATLIN, JOHN D.	6358 KELLY ROAD SODUS, NY 14551	(315) 483-9412
CAVANAUGH, MARK	16 LINCOLN AVE. PITTSFORD, NY 14534	248-3599
COLLINI, CARMEN JR.	198 ANDIRON LANE ROCHESTER, NY 14612	723-8471
CONGDON, KATHLEEN A.	142 BROOKSIDE TERRACE PALMYRA, NY 14522	UNLISTED
CARIO, CAROL L.	6011 SOUTH SLOCUM RD ONTARIO, NY 14519	(315) 524-4590
CONLEY, SANDRA M.	117 SANDYBROOK DRIVE HAMLIN, NY 14464	(716) 964-2160
CORDARO, FRANK A.	956 WILLITS ROAD ONTARIO, NY 14519	(315) 524-2924
CULLEN, JAMES	29 WOODLAWN AVE. FAIRPORT, NY 14450	377-8219
DAHL, BRIAN A.	7770 JAY STREET PULTNEYVILLE, NY 14538	(315) 589-2238
DAHL, JOAN E.	7770 JAY STREET PULTNEYVILLE, NY 14538	(315) 589-2238

D'AMBROSIA, CHRISTINE	6 SILVERBERRY ROAD HENRIETTA, NY 14467	334-9016
DANGLER, MARY ELLEN	350 COBB TERRACE ROCHESTER, NY 14620	442-2687
DANGLER, ROBERT M.	350 COBB TERRACE ROCHESTER, NY 14620	442-2687
DANGLER, TOM J.	28 NORTH AVE. ROCHESTER, NY 14626	
DEAN, DANIEL	596 ELMAR DRIVE ROCHESTER, NY 14616	663-8506
DEANE, JOHN A.	889 DEWITT ROAD W. WEBSTER, NY 14580	671-6644
DERLETH, JOSEPH	4025 CULVER ROAD ROCHESTER, NY	323-2689
DETTMAN, DONALD	190 WILLOW POND WAY PENFIELD, NY 14526	381-5599
DI BERNARDO, NANCY	1065 SHARON COURT WEBSTER, NY 14580	671-7273
DI CIACCIO, ROBERT	98 RIVIERA DRIVE ROCHESTER, NY 14624	247-6189
DOBBINS, WILLIAM	714 HARD RD. WEBSTER, NY 14580	671-7164
DOBBS, ROGER L.	7598 STONY LONESOME ROAD WILLIAMSON, NY 14589	(315) 589-2590
DODGE, ROBERT E.	6135 HOLLEYBUSH LANE ONTARIO, NY 14519	(315) 524-7294
DUNN, DONALD P.	656 CHATELAINE DRIVE WEBSTER, NY 14580	671-2936
EDGAR, CLAIR E.	27 HEATHERWOOD ROAD FAIRPORT, NY 14450	377-3386
ENG, GENE K.	596 WHITING ROAD WEBSTER, NY 14580	671-3441
ERSTENIUK, STEVEN R.	2395 TITUS AVE. ROCHESTER, NY 14622	342-8541

EVERETT, FRED	60 MILL ST. SPENCERPORT, NY 14559	352-4083
EVERETT, WILLIAM	7659 HAMILTON STREET WILLIAMSON, NY 14589	(315) 589-8156
EVERHART, BRUCE	135 SENECA ROAD ROCHESTER, NY 14622	266-7554
FARNAN, MICHAEL	1091 WHALEN ROAD PENFIELD, NY 14526	377-6787
FAUSTOFERRI, WALTER	191 CITY VIEW DRIVE ROCHESTER, NY 14625	586-0382
FELLOWS, RON	164 COUNTRY MANOR WAY APARTMENT 24 WEBSTER, NY 14580	265-3050
FILION, DONALD E.	36 MEADOW DRIVE WEBSTER, NY 14580	265-9728
FILKINS, DUANE L.	1153 WINTON ROAD NORTH ROCHESTER, NY 14609	654-7359
FORGENSI, RUDOLPH JR.	1996 STEVENS STREET ONTARIO, NY 14519	(315) 524-2303
FOUTS, THOMAS A.	62 WEBSTER MANOR DRIVE #4 WEBSTER, NY 14580	671-6083
FOWLER, MACK J.	349 LYNDON ROAD FAIRPORT, NY 14450	223-4648
FOX, KAREN	7580 FISHER RD. ONTARIO, NY 14519	(315) 524-4379
FRANTANGELO, TIMOTHY	6561 MIDDLE ROAD SODUS, NY 14551	(315) 483-6037
FREEMAN, MELVIN W.	624 ADELINE DRIVE W. WEBSTER, NY 14580	671-7711
GANSKOP, DEAN	4059 STANFORD STREET WILLIAMSON, NY 14589	(315) 589-9587
GARNISH, KYLE	236 GREGORY ST. ROCHESTER, NY 14620	235-2567
GASPER, RODNEY	6353 PEARL STREET WILLIAMSON, NY 14589	(315) 589-8584

GENT, DENNIS R.	127 SCHNACKEL DRIVE ROCHESTER, NY 14622	323-2825
GERMAIN, JEFFREY	4476 NEW ROAD WILLIAMSON, NY 14589	(315) 589-8487
GIBAUD, GERALD	111 BELMONT ROAD ROCHESTER, NY 14612	621-2554
GIBBS, CHRISTIAN M.	457 LAKEVIEW TERRACE WEBSTER, NY 14580	671-8162
GILLOW, ROY	2148 EVERGREEN CIRCLE ONTARIO, NY 14519	(315) 524-2780
GOMEZ, DOUGLAS J.	1340 SCHLEGEL ROAD WEBSTER, NY 14580	265-2555
GOODMAN, WILLIAM P.	222 BELCODA DRIVE ROCHESTER, NY 14617	544-4101
GORSKI, PAUL	7522 SALMON CREEK ROAD WILLIAMSON, NY 14589	(315) 589-8748
GOULD, KENNETH J., JR.	519 JOESPH CIRCLE WEBSTER, NY 14580	872-0226
GRAHAM, ROBERT JR.	8311 EAST PORT BAY ROAD WOLCOTT, NY 14590	(315) 594-9246
GRAUS, ERNEST	53 THIRD AVENUE ROCHESTER, NY 14612	225-0140
GROH, EDWARD	2316 TIMBERLINE DR. MACEDON, NY 14502	(315) 986-5686
GRZYBEK, JOHN C.	31 TEAKWOOD LANE FAIRPORT, NY 14450	223-8371
GUIDER, JOHN	165 DELMAR ROAD ROCHESTER, NY 14616	865-0862
HAMELINK, DAVID P.	7 DEVONSHIRE COURT PENFIELD, NY 14526	UNASSIGNED
HARDING, THOMAS L.	1127 FIVE MILE LINE WEBSTER, NY 14580	671-8756
HARHAY, ANDREW	26 BLANDFORD LANE FAIRPORT, NY 14450	248-5106

HARRINGTON, PAUL	571 RIDGE ROAD ONTARIO, NY 14519	265-0522
HARRISON, MICHAEL	916 BLACKBERRY LANE WEBSTER, NY 14580	671-3079
HART, JOHN W.	8173 RIDGE ROAD EAST, RD. 2 SODUS, NY 14551	(315) 483-6534
HART, KATHLEEN	8173 RIDGE ROAD EAST, RD. 2 SODUS, NY 14551	(315) 483-6534
HASSETT, ALICE L.	27 STOVER RD. ROCHESTER, NY 14624	889-4353
HAYES, KIRK	6900 BEAR SWAMP RD. WILLIAMSON, NY 14589	
HAYES, BOB	77 AUTHORS AVENUE HENRIETTA, NY 14467	334-8380
HILLYARD, JACK	4053 ROSE VALLEY RD. CLYDE, NY 14433	(315) 587-9696
HOLMES, NANCY	2144 RIDGE ROAD ONTARIO, NY 14519	(315) 524-7866
HORNING, DEWEY E.	6935 LAKESIDE ROAD ONTARIO, NY 14519	(315) 524-7148
HOUSER, LEE	52 PRESTIGE DRIVE CLIFTON SPRINGS, NY 14432	(315) 462-3287
HOWE, LIZ	23 RUTLEDGE DR. ROCHESTER, NY 14621	266-1641
HUBBARD, S. LANCE	7 LITTLE SPRING ROAD FAIRPORT, NY 14450	586-2247
HUGHES, LARRY L.	5592 EAST LAKE ROAD WILLIAMSON, NY 14589	(315) 483-4530
HURLEY, ROBERT P.	837 TITUS AVENUE ROCHESTER, NY 14617	342-2447
JENKINS, RICHARD	19 MAPLE AVENUE SODUS, NY 14551	(315) 483-9922
JOHNSON, STEPHEN L.	2163 LAKE ROAD ONTARIO, NY 14519	(315) 524-8242

JONES, ALAN B.	17 VASSAR ST. ROCHESTER, NY 14607	442-2999
JONES, JEFFREY	181 NORTH AVENUE WEBSTER, NY 14580	872-6107
JOSS, GREG E.	6685 FURNACE ROAD ONTARIO, NY 14519	(315) 524-7552
KAIN, CHARLES J.	89 MERWIN AVE. ROCHESTER, NY 14609	288-7861
KANE, PHYLLIS R.	7592 KNICKERBOCKER ROAD ONTARIO, NY 14519	(315) 524-9869
KARALIUS, MARTY	2145 FIRST AVENUE ONTARIO, NY 14519	(315) 524-2992
KENYON, ROBERT B.	6606 ROUTE 14 SODUS POINT, NY 14555	(315) 483-6512
KIEDROWSKI, NELSON	7232 BYRON CIRCLE ONTARIO, NY 14519	(315) 524-2894
KIRKEY, PETER	102 STONECREST DRIVE ROCHESTER, NY 14615	865-4591
KIRKPATRICK, TERRY	139 CURTIS PARK WEBSTER, NY 14580	265-0741
KLEM, JEFFERY	57 LELAND ROAD ROCHESTER, NY 14617	544-8162
KLEMZ, DANIEL J.	126 LAMBERT DRIVE ROCHESTER, NY 14621	865-1505
KLUEBER, MICHAEL R.	6627 LAKE AVENUE WILLIAMSON, NY 14589	(315) 589-8184
KNORR, JAMES V.	786 PLANK ROAD ONTARIO, NY 14519	(315) 524-8265
KOTARSKI, DANIEL	285 PRINCETON ROAD WEBSTER, NY 14580	671-9295
LARIZZA, GIUSEPPE F.	1242 MILLCREEK RUN WEBSTER, NY 14580	872-6342
LATULIPE, PATRICK J.	6045 BIRCHWOOD LANE SODUS, NY 14551	(315) 483-8645

LAWLER, GEORGE	16 CHARMOUTH STREET P.O. BOX 792 HONEOYE, NY 14471	229-4049
LEACH, CHARLES M.	P.O. BOX 106 ALTON, NY 14413	(315) 483-8953
LEEPER, DAVID L.	210 1/2 EAST FILBERT ST. E. ROCHESTER, NY 14445	381-8925
LEMMON, ROBERT	4263 HOG BACK ROAD PALMYRA, NY 14522	(315) 597-4276
LEUBNER, RICHARD	597 ROCK BEACH ROAD ROCHESTER, NY 14617	544-1053
LEYRER, MARY C.	936 WILLITS ROAD ONTARIO, NY 14519	(315) 524-5383
LINDQUIST, PHILLIP	77 TALL OAK LANE PITTSFORD, NY 14534	334-8647
LINGL, RUSSELL	94 WEST BEACH ROAD HILTON, NY 14468	392-9652
LITZENBERGER, GLENN	42 BRAUNSTON DRIVE FAIRPORT, NY 14450	388-1504
LYONS, LOUIS	P. O. BOX 575 ONTARIO, NY 14519	(315) 524-9648
MACIUSKA, FRANK L.	1528 ELDERBERRY CIRCLE WALWORTH, NY 14568	(315) 986-3839
MANN, MICHAEL M.	188 COUNTRY MANOR WAY #23 WEBSTER, NY 14580	265-4149
MARCHIONDA, RICHARD A.	4825 EAST WILLIAMSON ROAD MARION, NY 14505	(315) 926-5578
MARLOW, THOMAS A.	204 SOUTH RIDGE TRAIL FAIRPORT, NY 14450	223-3740
MARRIOTT, DENNIS	218 HUCKLEBERRY ROAD MACEDON, NY 14502	(315) 986-2536
MASKER, KENNETH A.	313 CANANDAIGUA STREET PALMYRA, NY 14522	(315) 597-2409
MASON, STEVE	369 WASHINGTON AVE. IRONDEQUOIT, NY 14617	266-1085

MATTICE, BETH	117 KITTLEBERGER PARK WEBSTER, NY 14580	334-4306
MEYVIS, MARY	1077 WHITNEY ROAD ONTARIO, NY 14519	(315) 524-2787
MC CARTHY, KENNETH W.	1994 KENYON ROAD ONTARIO, NY 14519	(315) 524-4831
MC CASLIN, DAVID J.	36 FORDILLER AVENUE ROCHESTER, NY 14625	381-9819
MC COY, ROBERT A.	891 COPPERKETTLE ROAD WEBSTER, NY 14580	671-7221
MC LAUGHLIN, KEVIN B.	208 COLONIAL DRIVE WEBSTER, NY 14580	377-6961
MC MAHON, ROBERT S.	15 BUCHANAN ROAD PITTSFORD, NY 14534	248-3601
MC NAMARA, ANDREW E.	270 WESTCHESTER AVENUE ROCHESTER, NY 14609	482-3835
MEAKER, NORMAN A.	P.O. BOX 402 6081 WALWORTH ROAD ONTARIO, NY 14519	(315) 524-2340
MEIER, GARY D.	5471 ROUTE 21 SOUTH WILLIAMSON, NY 14589	(315) 589-6691
MEISTER, STEPHEN G.	25 HIGH STREET SODUS, NY 14551	(315) 483-6366
MELECA, MICHAEL J.	503 SPENCER ROAD ROCHESTER, NY 14609	288-2452
MEYER, THOMAS A.	7104 TUCKAHOE ROAD WILLIAMSON, NY 14589	(315) 589-5271
MICKLOW, MICHAEL J.	1550 TREFOIL COURT WALWORTH, NY 14568	(315) 986-2151
MILLER, JAMIE	479 CHEESEFACTORY ROAD HONEOYE FALLS, NY 14472	624-3406
MIS, FRED J.	634 LAKE ROAD WEBSTER, NY 14580	671-9111
MITRANO, CHARLES	2778 CANADAIGUA ROAD MACEDON, NY 14502	(315) 986-3183

MODZELEWSKI, ALAN A.	3785 PEARSON AVENUE MARION, NY 14505	(315) 926-4190
MOORE, ARTHUR	227 ALPINE KNOLL FAIRPORT, NY 14450	
MORRILL, RICHARD W.	235 SAN RON DRIVE W. WEBSTER, NY 14580	671-7082
MORRIS, ARTHUR G.	P.O. BOX 304 ONTARIO, NY 14519	(UNLISTED)
MOSTERT, GORDON	4615 EDDY RIDGE ROAD MARION, NY 14505	(315) 926-5063
MOYNIHAN, KATHLEEN	20 POPLAR STREET ROCHESTER, NY 14620	442-2346
MUNDING, PETER	891 SALT ROAD WEBSTER, NY 14580	671-8610
NASSAUER, KARL	34 MEADOWVIEW MACEDON, NY 14502	(315) 986-5920
NATARELLI, STEPHEN F.	126 MARION ST. ROCHESTER, NY 14610	654-8485
NEIS, JANE B.	43 HEBERTON ROAD ROCHESTER, NY 14622	544-2024
NEWMAN, RICHARD	673 FINCHINGFIELD LANE WEBSTER, NY 14580	872-5077
NYE, ROBIN B.	6938 MAPLE AVENUE SODUS, NY 14551	(315) 483-4603
ORIENTER, FRANKLIN	84 MELVILLE STREET ROCHESTER, NY 14609	288-8076
PAGLIA, THOMAS	943 W. WHITNEY ROAD FAIRPORT, NY 14450	388-0241
PAUL, ROBERT	2351 MORRISON DRIVE PALMYRA, NY 14522	(315) 597-6064
PAVIA, FRANK	15 TIMWAY COURT FAIRPORT, NY 14450	223-6377
PECK, CARL H.	128 SALT ROAD WEBSTER, NY 14580	265-0664

PERRY, PHILLIP M.	123 RODNEY LANE ROCHESTER, NY 14625	671-9131
PETERSON, DOUGLAS A.		288-7014
PHELAN, PATRICK	100 WYNDOVER ROAD ROCHESTER, NY 14616	663-1029
PLANTZ, THOMAS R.	7571 ONTARIO STREET SODUS POINT, NY 14555	(315) 483-8083
POLFLEIT, PETER	39 WASHINGTON ST. WOLCOTT, NY 14590	(315) 594-9433
POPP, ROBERT	8 CITY VIEW DRIVE ROCHESTER, NY 14625	385-5982
PORTER, THOMAS	64 APACHE TRAIL HENRIETTA, NY 14467	334-6237
POWELL, DALE A.	3795 ROUTE 31 PALMYRA, NY 14522	(315) 597-9879
PUDDU, FRANK	73 LANSDALE STREET ROCHESTER, NY 14620	442-4604
PULVER, DANIEL	43 WILMINGTON ST. ROCHESTER, NY 14620	473-9426
RAIKE, JOHN R.	2186 BAIRD ROAD PENFIELD, NY 14526	381-7665
RAUBER, CHRIS	1519 SWEETS CORNERS ROAD PENFIELD, NY 14526	377-5042
RAWA, GREGORY J.	44 PLEASANT WAY ROCHESTER, NY 14622	323-1156
RIOCH, CHARLES M.	1211 CORK ROAD VICTOR, NY 14564	924-3155
RIPLEY, FRED	1075 BAY ROAD WEBESTER, NY 14580	671-6480
ROTH, RICHARD	493 FOX MEADOW ROAD ROCHESTER, NY 14626	225-9018
ROUSELL, MICHAEL	190 DANIEL DRIVE, APT. 1 WEBSTER, NY 14580	872-5003

RUBY, ROBERT M.	190 DANIEL DRIVE, APT. 4 WEBSTER, NY 14580	872-6559
RUEDIN, RONALD P.	4816 ONTARIO CENTER ROAD WALWORTH, NY 14568	(315) 524-3968
SAAVEDRA, ANNE	48 DEVITT ROAD ROCHESTER, NY 14615	663-4648
SACHELI, GARRY	141 MASON AVENUE ROCHESTER, NY 14626	723-1824
ST. MARTIN, JOHN T., JR.	103 CITY VIEW DRIVE ROCHESTER, NY 14625	586-5676
SCHLEGEL, SHERRY	2518 LAKE ROAD ONTARIO, NY 14519	(315) 524-3304
SCHIPPER, WILLIAM	P. O. BOX 411 ONTARIO, NY 14519	248-3258
SCHNEIDER, WENDY	2498 LAKE ROAD ONTARIO, NY 14519	(315) 524-8542
SCHULER, TERRY R.	796 LAUREN COURT WEBSTER, NY 14580	671-3643
SCHWIND, FRANK	7653 FURNACE ROAD ONTARIO, NY 14519	(315) 524-8223
SEHM, FRANK	520 APPLE ORCHARD LANE WEBSTER, NY 14580	(315) 524-9268
SEILER, VALERIE	1729 EMPIRE BLVD. APT. 21 WEBSTER, NY 14580	671-9155
SENSENBACH, BRUCE G.	4372 CONGDON ROAD WILLIAMSON, NY 14589	(315) 589-5601
SEXTON, MELVIN J.	1445 LOUGHTON DRIVE WEBSTER, NY 14580	265-2309
SHAW, MARK T.	R.D. #1, TOLL ROAD PHELPS, NY 14532	(315) 548-9682
SHEEHAN, SANDY	5004 PODGER ROAD MARION, NY 14505	(315) 589-8543
SIDELINGER, PETER G.	284 WELLINGTON ROAD WEBSTER, NY 14580	671-3198

SIMPSON, DAVID J.	173 HINKLEYVILLE ROAD SPENCERPORT, NY 14559	352-1484
SMITH, LAWRENCE F.	7134 LAKESIDE ROAD ONTARIO, NY 14519	(315) 524-9351
SMITH, MIKE J.	301 SPENCER ROAD ROCHESTER, NY 14609	482-3013
SMITH, REX L.	4344 EDDY RIDGE ROAD MARION, NY 14505	(315) 926-5542
SNOW, BRUCE A.	659 REGINA DRIVE WEBSTER, NY 14580	671-5912
SORTINO, SHARON	814 KLEM ROAD WEBSTER, NY 14580	671-6969
SPECTOR, STANLEY M.	40 CORAL WAY ROCHESTER, NY 14618	271-6177
STAVALONE, LORRAINE M.	26 PETRELLA CIRCLE ROCHESTER, NY 14617	467-4658
STEFFON, BRUCE W.	26 CANTERBURY TRAIL FAIRPORT, NY 14450	377-0647
STIEWE, WILLIAM R., III	404 OLDE HARBOUR TRAIL ROCHESTER, NY 14612	227-7734
SUPINA, JAMES R.	264 STONEY CREEK DRIVE ROCHESTER, NY 14616	227-5239
SWEET, JAMES F.	8407 SILL ROAD SODUS POINT, NY 14555	315) 483-6795
TORCELLO, DEBORAH L.	3759 HUNTLEY RD. TR. 66 MARION, NY 14505	(315) 926-5906
TRAVIS, DONALD R.	204 VALIANT DRIVE ROCHESTER, NY 14623	359-1499
VAISEY, NEAL	93 BEACON HILL DRIVE, SOUTH PENFIELD, NY 14526	671-2234
VAN HOOVER, LORI	P.O. BOX 54 ONTARIO CENTER, NY 14520	(315) 524-9268
VAN HOUTE, HERBERT	201 ANN LEE DRIVE NORTH ROSE, NY 14516	(315) 483-9251

VERGASON, VERNON	7436 SEAMAN STREET SODUS POINT, NY 14555	(315) 483-4687
WAHL, GERALD M.	252 DUNNING AVENUE WEBSTER, NY 14580	872-5567
WALDEN, JOHN V.	818 BOSTON ROAD ONTARIO, NY 14519	(315) 524-8536
WARREN, STEVE	1549 HERMANCE ROAD PENFIELD, NY 14526	872-5127
WAYDA, JAMES	22 RONALD CIRCLE SPENCERPORT, NY 14559	352-1857
WAYLAND, JEFFREY	2116 BEAR CREEK DRIVE ONTARIO, NY 14519	(315) 524-2899
WHITE, TERRY A.	82 HEATHER DRIVE ROCHESTER, NY 14625	381-0961
WIDAY, JOSEPH A.	95 HENDERSON DRIVE PENFIELD, NY 14526	586-2679
WILBERT, DONALD J., JR	775 BARNES LANE WEBSTER, NY 14580	671-5247
WILKINSON, ROBERT M.	6118 MAPLE AVE P.O. BOX 699 WILLIAMSON, NY 14589	(315) 589-7541
WILLIAMS, SYLVIA A.	49 ROME LANE ONTARIO, NY 14519	(315) 524-4290
WILSON, DAVID	1578 SLEIGHT RD. NEWARK, NY 14513	(315) 331-7268
WIRTH, RICHARD	496 PLANK ROAD MACEDON, NY 14502	(315) 524-9148
WISNER, DONALD	1730 APPLE HOLLOW LANE HAMLIN, NY 14464	964-8626
WOOD, ROBERT E.	748 JOHN GLEN BLVD. WEBSTER, NY 14580	872-4240
WOOLEVER, KEVIN E.	1906 A RIDGE ROAD ONTARIO, NY 14519	(315) 524-0060
WRIGHT, JOYCE	5765 LINCOLN ROAD ONTARIO, NY 14519	(315) 524-9780

WUNDER, RALPH H.	9 TIMBERLINE DRIVE PENFIELD, NY 14526	671-6852
ZAPETIS, JAMES T.	112 LILLIE ST. NEWARK, NY 14513	(315) 331-7567
ZINK, ED	7478 VICTOR-MENDON ROAD VICTOR, NY 14564	924-9934
ZULAWSKI, JAMES M.	2155 PROSPECT ST. PENFIELD, NY 14526	248-3359

GINNA STATION
UNIT #1
COMPLETED

DATE:-

TIME:-

ROCHESTER GAS AND ELECTRIC CORPORATION

GINNA STATION

CONTROLLED COPY NUMBER 23

PROCEDURE NO. SC-701 REV. NO. 13

INITIAL NOTIFICATION STATUS REPORT

TECHNICAL REVIEW

PORC REVIEW DATE 6-10-87

PLANT SUPERINTENDENT

6-16-87
EFFECTIVE DATE

QA X NON-QA CATEGORY 1.0

REVIEWED BY: _____

THIS PROCEDURE CONTAINS 4 PAGES

SC-701

INITIAL NOTIFICATION STATUS REPORT

1.0 **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.

SC-701 Rev. 13

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: _____ By: _____ Time Approved: _____ By: _____ Time sent via RECS: _____ 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/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

REMARKS

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

GINNA STATION
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DATE:-
TIME:-

ROCHESTER GAS AND ELECTRIC CORPORATION

GINNA STATION

CONTROLLED COPY NUMBER 23

PROCEDURE NO. SC-703 REV. NO. 5

PLANT STATUS REPORT

TECHNICAL REVIEW

PORC REVIEW DATE 10-9-87

SnSpector
PLANT SUPERINTENDENT

10-16-87
EFFECTIVE DATE

QA_____ NON-QA _____ CATEGORY 1.0

REVIEWED BY: _____

THIS PROCEDURE CONTAINS 2 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).

3.3 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 should be provided every 15 to 30 minutes to the Technical Support Center.

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

R.E. GINNA NUCLEAR POWER PLANT

SC-703: PLANT STATUS REPORT

ATTACHMENT 1

REACTOR SHUTDOWN	YES / NO TIME
CTMT ISOLATION	YES / NO
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

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

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

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

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_____

GINNA STATION
UNIT #1
COMPLETED

DATE:-

TIME:-

ROCHESTER GAS AND ELECTRIC CORPORATION

GINNA STATION

CONTROLLED COPY NUMBER 23

PROCEDURE NO. SC-410 REV. NO. 25

INSPECTION OF EMERGENCY EQUIPMENT

TECHNICAL REVIEW

PORC REVIEW DATE 10-9-87

PLANT SUPERINTENDENT

10-16-87
EFFECTIVE DATE

QA_____ NON-QA _____ CATEGORY 1.0

REVIEWED BY: _____

THIS PROCEDURE CONTAINS 15 PAGES

SC-410

INSPECTION OF EMERGENCY EQUIPMENT

1.0 **PURPOSE:**

1.1 The equipment required by the emergency plan and the means of assuring it is available is outlined in this procedure. Inspection will be made monthly as required by Technical Specifications and after each drill or use by the Health Physics Section.

2.0 **REFERENCES:**

2.1 Nuclear Emergency Response Plan

2.2 Tech. Specs, Table 4.1-1

3.0 **INSTRUCTIONS:**

3.1 Inspect each location using attached appendices. Indicate number of items present in blank space on appendix.

3.1.1 Emergency Survey Center - Appendix A

3.1.2 Control Room - Appendix B

3.1.3 Health Physics Office, Auxiliary Building, Operational Support Center, Butler Building Warehouse - Appendix C

3.1.4 Technical Support Center - Appendix D

3.1.5 Monthly Inspection Log - Appendix E

3.2 If any discrepancies are found make note on the Monthly Inspection Log (Appendix E). If there are no discrepancies, enter NONE on Log Sheet.

3.2.1 Discrepancies are to be corrected (or a trouble card submitted) as soon as possible and so noted on the log sheet and filed per A-1701.

3.3 Notify Control Room and Dave Burke (71-8022) prior to initiating Survey Center and TSC Communication checks.

3.4 Send a copy of completed Appendix "E" Emergency Equipment Monthly Inspection Log to Dave Burke at 49 East Ave., 5th floor.

APPENDIX "A"
EMERGENCY EQUIPMENT IN SURVEY CENTER

1.	Assignment tag board - all tags in place	_____
2.	Survey team maps - Red, Green, Orange, Blue, Yellow	15_____
3.	Survey team boxes - Red, Green, Orange, Blue, Yellow, White - If seal is unbroken assume equipment is intact. Inventory boxes and change batteries in January and July.	6_____
	NOTE: Each January update Source Check Data Card	_____
4.	Low range survey instruments, RM-14 with HP-190 probe battery check. Source check per HP-7.31, and log on Attachment III.	5_____
5.	Mid range survey instruments RO2 (1 mR/hr to 5 R/hr) battery check, source check per HP-7.31, and check calibration date. Log on Attachment I HP-7.31.	6_____
6.	High level dose rate meters - battery check, calibration check, source check per HP-7.31. Xetex 305 series instruments (0.1 mR/hr to 99.9 R/hr) Xetex 302 series instruments may be substituted.	5_____
	(24) spare AA batteries for replacement. Log on Attachment I HP-7.31.	24_____
7.	Extendable high level survey meter - battery check, source check, calibration check. Xetex 302 series instruments (0.01 R/hr to 999 R/hr) or equivalent. Log on Attachment I HP-7.31.	1_____
8.	BC-4 scaler or equivalent, source check, efficiency calibration annually.	1_____
9.	Radiation monitor RM-3C or equivalent, with HP-260 probe or equivalent, source check, calibration check.	1_____
10.	Area radiation monitor, stationary - change chart paper, operational check. Mark date on chart and submit to Central Records.	1_____
11.	Dosimeter charger battery charger.	2_____
	line operated.	1_____

APPENDIX "A" (con't)

12.	Dosimeter (High Range) - check calibration	
	0-5R	8_____
	0-10R	8_____
13.	Dosimeter (0-500mr) - check calibration	12_____
	Dosimeter (0-1500mr) - check calibration	75_____
14.	Thermal luminescent dosimeters (TLD)	100_____
15.	Packages of (6) environmental TLD badges (off-site only)	3_____
16.	Battery operated, low volume air samplers - calibration check. Run air sampler several minutes to check operation.	6_____
17.	Battery charger - operation check, disconnect	1_____
18.	RADECO H 809 B2 air sampler - run 90 minutes. Check that AG ZEO cartridge is in place. Replace particulate filter at end of run.	2_____
19.	RADECO H 809 C air sampler - run 1 minute	4_____
20.	Filters for air samplers - particulate	100_____
21.	Filters for air samplers - silver zeolite	50_____
22.	Envelopes for air samples - particulate	100_____
23.	Envelopes for air samples - iodine	100_____
24.	Envelopes for smear papers	100_____
25.	Smear papers	1000_____
26.	Decontamination kit (NMC - 3 piece)	1_____

NOTE: PRECEDE ALL COMMUNICATION WITH "THIS IS A TEST"

27.	Radios, Handi-Talkie - radio check with security. Check that charge status lights are illuminated - these are part of circuitry.	5_____
28.	Radios, Porta-mobile II - radio check with Security	5_____

APPENDIX "A" (con't)

29.	Magnetic car mount antenna	3_____
30.	Radio, stationary - radio check with security	2_____
31.	Full face respirator inspect mask, mark bag with inspection date and initials.	22_____
32.	Charcoal Respirator Filters - check expiration date	22_____
33.	Voice emitters for respirators - operational check	13_____
34.	Contaminated clothing & waste containers, 55 gal drum	2_____
35.	Anti - contamination clothing, sets	25_____
36.	Step off pads	10_____
37.	Masking tape rolls (replace January)	1 box_____
38.	Plastic Bags, poultry	1 box_____
39.	Plastic bags, clean, large	20_____
40.	Radioactive material bags, yellow, large	1 roll_____
41.	Radiation rope	1 roll_____
42.	Radiation hazard signs with inserts, 10 each. (high radiation area)(radiation area) (surface contamination area)(radioactive material)	10_____
43.	Thyroid block tablets, bottles - check expiration date	25_____
44.	Pens and pencils	10_____
45.	Batteries, D size	10_____
46.	Batteries, 9V	10_____
47.	Extension cord	3_____
48.	NMC CAM - Check flow CAM test (60 ~), & check switch positions.	1_____

APPENDIX "A" (con't)

NOTE: PRECEDE ALL COMMUNICATION CHECKS WITH "THIS IS A TEST"

49. Intercom "A" - communication check with Control Room. Call Control Room on GAI page, have them plug in Intercom A and contact survey center. 1_____

50. NRC Red telephone - lift receiver, tell party "This is a Ginna Station Survey Center Communications Check." 1_____

51. New York State Red telephone - Push button, lift receiver, wait 10 seconds, state "This is Ginna Station Emergency Survey Center Communications Check, this is a test." Then say "All Stations Standby for Roll Call", then ask one at a time if New York State, Monroe County, Wayne County and the Control Room are listening. 1_____

52. Telephone Books - Rochester 1, Wayne County 1 1_____

53. Wayne County (946-5663) 1_____

54. Monroe County (9-716-473-0710) 1_____

55. New York State (9-518-457-2200) or (9-518-457-681) 1_____

56. National Weather Service, Rochester (9-716-328-7633) 1_____

57. National Weather Service, Buffalo (9-716-632-2223) 1_____

58. From Health Physics Network phone - call Control Room at 524-4984 and request they call you back at 524-0040

59. From 524-6711 call Control Room at 524-4984 and TSC at 524-4973 1_____

60. From extension 331 call TSC at 280 1_____

61. From extension 207 call TSC at 281 1_____

62. Scissors 1_____

63. Disposable shaving razors 5_____

APPENDIX "A" (con't)

64. Shaving cream 1_____

Initials_____ Date_____

APPENDIX "A" (con't)

EMERGENCY EQUIPMENT PER SURVEY BOX

If box is sealed inventory not required. Boxes shall be opened in January and July for battery change and inventory.

1.	Coveralls, disposable	2_____
2.	Hoods, disposable	2_____
3.	Gloves, pair	2_____
4.	Booties, pair	2_____
5.	Hats, Surgeon	2_____
6.	Hoods, Rain	2_____
7.	Coats, Rain	2_____
8.	Boots, Rain, pair	2_____
9.	Flashlight with Batteries	1_____
10.	Plastic Bags	2_____
11.	Masking Tape, rolls (replace January)	2_____
12.	Pencils	2_____
13.	Pencil Sharpener	1_____
14.	Tablet, writing	1_____
15.	Survey Route Maps	2_____
16.	Air Sampler Filters - Particulate	5_____
17.	Air Sampler Filters - Silver Zeolite GY-130	5_____
18.	Air Sample Envelopes (Iodine)	10_____
19.	Air Sample Envelopes (Environmental)	10_____
20.	Clipboard	1_____
21.	Appropriate procedure for team (Remove survey route instructions in Appendix III that do not apply to that survey team)	_____

APPENDIX "A" (con't)

22.	Procedure SC-452, Sampling Snow, Grass, Soil and Vegetation.	_____
23.	Thyroid Block Tablets (bottle)	3_____
24.	Suits, cold weather (carhart) (on-site team only)	2_____
25.	Equipment Belts with Bags (on-site team only)	2_____
26.	First Aid Room key (onsite team only)	1_____
27.	Backpacks - 2 (on-site teams only)	2_____
28.	Respirator hip pouches (on-site only)	2_____
29.	Quarters for Telephones (Off-site team only)	10_____
30.	Hammer and 10 nails (off-site only)	1_____
31.	HP-190 window clamp (off-site teams only)	1_____
32.	Garden Trowel	1_____
33.	Tags with wire tie	10_____
34.	Ruler, Scale inches	1_____
35.	Scissors	1_____
36.	Packet of screwdrivers	1_____

Initials_____ Date_____

APPENDIX "B"

EMERGENCY EQUIPMENT IN CONTROL ROOM

1.	Scott Air Pack (SCBA) - monthly inspection	2_____
2.	Dosimeters 0-5R or 0-10R - check calibration	10_____
3.	Dosimeters 0-500 mRem - check calibration	15_____
4.	Dosimeter charger with battery - operability check	1_____
5.	High range dose rate meter - battery check, source check per HP-7.31 and calibration check (RO2A)	1_____
6.	Plant radiation survey maps (sets)	3_____
7.	Smear papers	100_____
8.	Envelopes for smear papers	10_____
9.	Thyroid block tablets (bottle) - check expiration date	10_____
10.	Air sampler, low volume - operability check, calibration check	1_____
11.	Air sampler filters - particulate	3_____
12.	Air sampler filters - silver zeolite	3_____
13.	Radiation monitor RM-14 or equivalent with HP-190 probe, battery check, source check, calibration check	1_____
14.	Masking tape, roll (replace January)	1_____
15.	Anti-contamination clothing (sets)	6_____
16.	Continuous Air Monitor Eberline AMS-3 check operation of unit and pump. Check calibration - due annually.	1_____
17.	Head set, control box and minimum 15 feet of cord (for continuous communication with TSC)	1_____
18.	AA Batteries	4_____

Initial_____ Date_____

APPENDIX "C"

EMERGENCY EQUIPMENT

OPERATIONAL SUPPORT CENTER

1.	Full face respirators - inspect mask and then seal in a bag with inspection date and initials	6_____
2.	Respirator charcoal filters - expiration date	6_____
3.	Anti-contamination clothing (sets)	6_____
4.	Flood lights, portable - operational check	2_____
5.	Thyroid block tablets (bottles) - check expiration date	15_____
6.	Dosimeters 0-500 mRem - check calibration	20_____
7.	Dosimeters 0-10R - check calibration	10_____
8.	Dosimeter charger with battery - operational check	1_____
9.	Daily exposure record sheets	5_____
10.	Pens	5_____
11.	Rolls masking tape (replace January)	2_____
12.	Battery operated low volume air samplers. - calibration check. Run air sampler several minutes to check operation.	4_____
13.	Filters for air samplers - particulate	50_____
14.	Filters for air samplers - silver zeolite	10_____
15.	Envelopes for air samples - iodine	50_____
16.	Envelopes for air samples - particulate	50_____
17.	Clipboards with pens	4_____

AUXILIARY BUILDING

1.	Scott air pack (SCBA) - monthly inspection	1_____

APPENDIX "C" (con't)

HEALTH PHYSICS OFFICE

1. Scott air pack (SCBA) - monthly inspection 2_____

2. High range dosimeter - calibration check 20_____

3. Anti-contamination clothing (sets) 20_____

4. High range dose rate meter - battery check, source check per HP-7.31 and check calibration (RO2A, Radector III, Xetec 305 series or Eberline Teletector) 5_____

BUTLER BUILDING WAREHOUSE

1. As per SC-3.16.15 and SC-3.16.15.1, the moisture detector (located in the rear of the breathing air compressor in-line with the filter cartridges) is normally a light blue color. If color is found to be pink, DO NOT OPERATE THE COMPRESSOR. Turn in a Trouble Card and notify the Health Physicist responsible for respiratory protection. 1_____

2. For the three - 300 cubic foot breathing air bottles as part of the cascade system, at least one should have a pressure of at least 2200 psi. If none of the three have this minimum pressure reading, turn in Trouble Card and notify Health Physicist responsible for respiratory protection. 1_____

Initials_____ Date_____

APPENDIX "D"

EMERGENCY EQUIPMENT IN TECHNICAL SUPPORT CENTER

1.	Radiation monitor RM-14 or equivalent with HP-190 probe battery check, source check, check calibration	2_____
2.	Area radiation monitor - battery check, source check, check calibration	1_____
3.	Full face respirator - inspect mask mark bag with inspection date and initials	10_____
4.	Respirator charcoal filter - check expiration date	10_____
5.	Thyroid block tablets (bottles) check expiration date	25_____
6.	Dosimeter, 500mr - check calibration	40_____
7.	Dosimeter, high range - check calibration	20_____
8.	Dosimeter charger with battery - operability check	2_____
9.	RADECO H-809 B2 air sampler - run 120 minutes	1_____
10.	Air sample filters - particulate	4_____
11.	Air sample filters - silver zeolite	4_____
12.	Anti-contamination clothing (sets)	25_____
13.	Step Off Pads	10_____
14.	Daily exposure records sheets	5_____
15.	Radioactive materials bags (yellow)	5_____
16.	Masking tape, rolls (replace January)	5_____
17.	Smear papers	100_____
18.	Envelopes for smears	10_____
19.	Envelopes for particulate air sample	10_____
20.	Envelopes for iodine air samples	10_____

APPENDIX "D" (con't)

21. Pens and pencils 5 ea._____

NOTE: PRECEDE ALL COMMUNICATION CHECKS WITH "THIS IS A TEST"

22. Radio, Portable - radio check with security 4_____

23. Radio, Stationary - radio check with security book entry 1_____

24. NRC Red telephone - lift receiver, tell party "This is a Ginna Station TSC Communication Check." Request the return call to Ginna Station 1_____

25. Answer NRC Red telephone on call back to verify check _____

26. New York State Red Telephone - push button, lift receiver, wait 10 seconds, ask if New York State, Wayne County, Monroe County, Control are listening? Tell them "This is Ginna Station TSC Communication Check." 1_____

27. EOF Direct line (63PL5187) Telephone 1_____

28. From Health Physic Network phone - call Control Room at 524-4984 and request they call you back at 524-0040 1_____

29. Battery operated, low volume air sampler check calibration run for several minutes to check operation. 1_____

30. NMC CAM-check flow, CAM test (60 ~), and check switch positions.

31. Head set, control box, and minimum 15 feet of cord (for continuous communication with Control Room) 1_____

32. AA Batteries 4_____

33. Extension Cords 2_____

Initials_____ Date_____

APPENDIX "E"

EMERGENCY EQUIPMENT MONTHLY INSPECTION LOG

DISCREPANCIES NOTED		DISCREPANCIES CORRECTED	
Survey Center	Date_____Initials_____	Date_____Initials_____	
Control Room	Date_____Initials_____	Date_____Initials_____	
HP Office	Date_____Initials_____	Date_____Initials_____	
Auxiliary Bldg.	Date_____Initials_____	Date_____Initials_____	

APPENDIX "E" (con't)

Butler Bldg. Warehouse	Date_____Initials_____	Date_____Initials_____
Technical Support Center	Date_____Initials_____	Date_____Initials_____
Operational Support Center	Date_____Initials_____	Date_____Initials_____

REVIEWED BY:_____

One copy of the completed Appendix "E" Emergency Equipment Monthly Inspection Log provided to Dave Burke (49/5)

Copy sent _____

ROCHESTER GAS AND ELECTRIC CORPORATION

GINNA STATION

CONTROLLED COPY NUMBER 23

GINNA STATION
UNIT #1
COMPLETED

DATE:-

TIME:-

PROCEDURE NO. SC-422 REV. NO. 2

HYPOTHETICAL (PRE-RELEASE) DOSE ESTIMATES

TECHNICAL REVIEW

PORC REVIEW DATE 9-3-86

PLANT SUPERINTENDENT

9-5-86
EFFECTIVE DATE

QA X NON-QA _____ CATEGORY 1.0

REVIEWED BY: _____

THIS PROCEDURE CONTAINS 6 PAGES

SC-422

HYPOTHETICAL (PRE-RELEASE) DOSE ESTIMATES

1.0 **PURPOSE:**

1.1 The purpose of this procedure is to provide guidance to Health Physicist on projecting doses based on the known source term prior to an actual release. Various release rates are assumed and doses are projected using current meteorological data.

2.0 **REFERENCES:**

2.1 SC-420, Estimating Off-Site Doses

2.2 S-14.3, Operation of Containment High Range Area Monitors, R-29, R-30

2.3 PC-25.4, Guidelines for Interpreting Post Accident Sampling Results to Estimate Core Damage

3.0 **INSTRUCTIONS:**

3.1 Dose projection from current meteorology and assumed release rates.

3.1.1 Obtain current meteorological data.

3.1.2 Run preliminary "what if" dose projections using the current meteorological data and assuming the following release rates.

Noble Gas	Radioiodine
1 Ci/sec	IE-04 Ci/sec
10 Ci/sec	IE-03 Ci/sec
100 Ci/sec	IE-02 Ci/sec

3.2 Dose projection from reactor coolant sample activity.

3.2.1 Using Attachment I, and all Xenons and Kryptons in the sample to obtain the total noble gas concentration. Add the iodine isotopes 131-135 to obtain the total radioiodine concentration. Multiply by the total grams of reactor coolant (1.28×10^8g) by the concentration IE-06 to obtain total curies of noble gas and radioiodine in the reactor coolant.

3.2.2 Assume all noble gas and radioiodine is released to the containment atmosphere.

3.2.3 Assume the containment leaks at the design rate of 2.32E-08/sec to obtain an assumed release rate in Ci/sec of noble gas and radioiodine.

3.2.4 Do a dose projection using the assumed release rates in step 3.2.4 and current meteorology.

3.3 Dose projections from containment air activity.

3.3.1 When reactor coolant has leaked into the containment, the source term in the containment atmosphere can be determined from the containment high range are monitor readings or from a containment air sample. Noble gas and radioiodine concentrations for several types of releases from the fuel are given in Table I. Also see Procedure S-14.3.

3.3.2 From Table I, select the column best corresponding to the time after shutdown and the high range monitor reading. Record the noble gas and radioiodine on Attachment II.

3.3.3 Multiply the total radioiodine and total noble gas concentrations by the free volume of containment which is 2.75E+10 cc and by 1E-06 Curies per microcurie to get total Curies of both radioiodine and noble gas in the containment atmosphere.

3.3.4 If the containment is pressurized and at elevated temperature, the following correction is made:

$$\frac{14.7 + \text{psig}}{14.7} \times \frac{530}{{}^{\circ}\text{F} + 460} = \text{correction factor}$$

where psig is the containment pressure and °F is the containment temperature.

3.3.5 Multiply the curie totals in step 3.3.3 by the correction factor in 3.3.4, if applicable.

3.3.6 After the source term is determined, dose projections can be made by assuming the containment leaks at the design rate.

3.3.7 The containment design leak rate is 0.2% per day. In terms of seconds, this is:

$$\frac{0.002}{\text{day}} \times \frac{\text{day}}{24 \text{ hrs}} \times \frac{\text{hour}}{3600 \text{ sec}} = 2.32\text{E-08 per second.}$$

3.3.8 Multiply Curies of radioiodine and noble gas by 2.32E-08 to determine release rates of each in Curies/sec.

3.3.9 The maximum duration of the release may be determined by dividing the Curies total by the Curie/sec release rate.

3.3.10 Make hypothetical dose projections using the assumed release rate and procedure SC-420 or the IBM-PC Radiation Exposure and Protection Action Recommendations Computer Program.

TABLE I

AIR ACTIVITY FROM HIGH RANGE MONITORS

1. NORMAL COOLANT RELEASE

R/hour 6-20	Hours after shutdown 0.0	0.5	2.0	8.0
NG uCi/cc	1.95	1.87	1.65	1.54
I uCi/cc	2.44E-02	2.30E-02	2.02E-02	1.48E-02

2. GAP RELEASE (W)

R/hour 800-3000	Hours after shutdown 0.0	0.5	2.0	8.0
NG uCi/cc	7.14E+01	7.13E+01	7.03E+01	6.84E+01
I uCi/cc	4.46E+01	4.27E+01	3.87E+01	3.16E+01

3. GAP RELEASE (NRC)

R/hours 7000-30K	Hours after shutdown 0.0	0.5	2.0	8.0
NG uCi/cc	8.96E+02	8.55E+02	7,54E+02	5.78E+02
I uCi/cc	6.34E+02	5.55E+02	4.16E+02	2.57E+02

4. 100% FUEL RELEASE

R/hour 50K-100K	Hours after shutdown 0.0	0.5	2.0	8.0
NG uCi/cc	1.22E+04	1.02E+04	7.69E+03	6.12E+03
I uCi/cc	3.20E+03	2.80E+03	2.10E+03	1.28E+03

ATTACHMENT I

PRE-RELEASE DOSE ESTIMATE CALCULATION SHEET

1. REACTOR COOLANT ACTIVITY SOURCE TERM

Noble Gas (NG) = _____uCi/gm (all Xenons & Kryptons)

Radioiodine (I) = _____uCi/gm (Iodine 131 - 135)

_____uCi/gm NG X 1.28E+2 gm-Ci/uCi = _____Ci NG

_____uCi/gm I X 1.28E+2 gm-Ci/uCi = _____Ci I

2. LEAK RATE

Containment Design Leak Rate Duration: 24 hours

_____Ci NG X 2.32E-08/sec = _____Ci/sec NG

_____Ci I X 2.32E-08/sec = _____Ci/sec I

ATTACHMENT II

PRE-RELEASE DOSE ESTIMATION CALCULATION SHEET

1. CONTAINMENT AIR ACTIVITY SOURCE TERM

Containment Pressure (psig)....._____

Containment Temperature (F)....._____

Temperature Correction Factor (CF)

$$CF = \frac{14.7 + (\quad)\text{psig}}{14.7} \times \frac{530}{(\quad)F + 460}$$

CF = _____ X _____ = _____

AIR ACTIVITY FROM HIGH RANGE MONITORS (R-29, R-30)

Highest Reading ....._____ R/hour

Hours after shutdown....._____ hours

NG = _____ uCi/cc (from S-14.3)

I = _____ uCi/cc (from S-14.3)

Air Sample Results or Estimates from HIGH RANGE MONITORS

_____uCi/cc NG X _____CF X 2.75E+4 cc-Ci/uCi = _____Ci NG

_____uCi/cc I X _____CF X 2.75E+4 cc-Ci/uCi = _____Ci I

2. LEAK RATE

Containment Design Leak Rate Duration: 24 hours

_____Ci NG X 2.32E-8/sec = _____Ci/sec NG

_____Ci I X 2.32E-8/sec = _____Ci/sec I

GINNA STATION
UNIT #1
COMPLETED
DATE:-
TIME:-

ROCHESTER GAS AND ELECTRIC CORPORATION

GINNA STATION

CONTROLLED COPY NUMBER 23

PROCEDURE NO. SC-602 REV. NO. 18

ALERT NOTIFICATION

TECHNICAL REVIEW

PORC REVIEW DATE 2-17-88

M Spector
PLANT SUPERINTENDENT

3-5-88
EFFECTIVE DATE

QA ✓ NON-QA _____ CATEGORY 1.0

REVIEWED BY: _____

THIS PROCEDURE CONTAINS 3 PAGES

SC-602

ALERT NOTIFICATION

1.0 **PURPOSE:**

1.1 Provide information for the activation of the emergency response plan at the alert level.

2.0 **REFERENCES:**

2.1 Nuclear Emergency Response Plan

2.2 SC-200, Emergency Response Organization/Responsibilities

2.3 NUREG 0654

3.0 **INSTRUCTIONS:**

3.1 During normal working hours steps 3.2 through 3.3 may not be necessary.

3.2 Notify Gas Dispatcher (71-8522) to begin the GINNA STATION SITE CONTINGENCY CALL LIST, SC-605.

3.3 Notify RG&E Telephone Service (71-0) to begin the GINNA STATION SITE CONTINGENCY CALL LIST SC-605, Attachment B.

3.4 Report "WE HAVE AN ALERT AT GINNA STATION BASED ON _____" "PLEASE REPORT TO YOUR EMERGENCY STATION" to the following:
(initiating condition)

3.4.1 Plant Superintendent -

3.4.1.1	STAN SPECTOR	Home -	9-716-271-6177
		Summer -	9-716-554-3269
3.4.1.2	TOM MEYER	Home -	9-315-589-5271
		Summer -	9-315-776-8961

3.4.2 USNRC Resident Inspector -

3.4.2.1	CHARLES MARSCHALL	9-315-592-4749
3.4.2.2	NEIL PERRY	9-315-331-6101

3.5 Notify Security (ext. 258 or page) to activate Security Personnel Action During A Radiation Emergency.

3.6 Report "WE HAVE AN ALERT AT GINNA STATION BASED ON _____" to the following:
(initiating condition)

3.6.1 Senior Vice President Production & Eng. - Electric
ROGER KOBER
business - 71-8714
home - 9- 716-872-5296
summer - 9- 716-394-2589
pager - 71-770138

3.6.2 Superintendent of Nuclear Production
BRUCE SNOW
business - 71-8058
home - 9- 716-671-5912
pager - 9- 716-921-5510

3.6.3 If unable to contact individuals in steps 3.6.1 and 3.6.2 call the below persons until one is reached and request they report to EOF as Recovery Manager.

3.6.3.1 Robert Smith Home - 9-716-872-3499

3.6.3.2 Stanley Spector See step 3.3.1 for phone numbers

3.6.3.3 Robert Mecredy Home - 9-716-381-6431

3.7 Report information to New York State, Wayne County and Monroe County within 15 minutes of declaring the event. Refer to SC-701 for report and phone contact.

3.8 Report information to USNRC within one hour using O-9.3.

3.9 Notify Power Control that Ginna has an emergency and to implement procedure to increase reliability of power supply to Ginna.

3.10 Contact personnel at special locations as known by Shift Supervisor or Control Room personnel and request they report to Ginna Station for an emergency. i.e. Tom Meyer is bowling on Tuesday night, call him at bowling center.

3.11 Review that all personnel on this list have been contacted and when Gas Dispatcher and Telephone Service report back which personnel have not been contacted, continue to try reaching them. Make Shift Supervisor aware of any incomplete calls.

3.12 Contact INPO using phone number in SC-606 to activate their Emergency Response Plan.