

DCS

OCT. 12 1992

License: DPR-18

Docket: 50-244

Dr. Robert C. Mecredy  
Vice President, Ginna Nuclear Production  
Rochester Gas and Electric Corporation  
89 East Avenue  
Rochester, New York 14649

Dear Dr. Mecredy:

Subject: Status of the Emergency Preparedness (EP) Program

On September 17, 1992, members of your staff met with members of NRC regional staff in King of Prussia, Pennsylvania to discuss the status of your EP program. The general topics discussed during this meeting are documented in the enclosed meeting summary.

We believe that the meeting was beneficial to our understanding of how you have developed and plan to implement the changes to your EP program. We recognize that the actions you are taking represent a considerable effort to provide a stronger assurance of the ability to respond to emergencies. We will follow-up on these actions during the next EP program review.

No response to this letter is required. Your cooperation with us is appreciated.

Sincerely,

James H. Joyner, Chief  
Facilities Radiological and  
Safeguards Branch  
Division of Radiation Safety  
and Safeguards

Enclosures: as stated

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P PDR

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OCT. 12 1982

Rochester Gas & Electric Company

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cc w/encl:

R. Smith, Senior Vice President, Production and Engineering.

Central Records (4 copies)

Director, Power Division

State of New York, Department of Law

N. Reynolds, Esquire

Public Document Room (PDR)

Local Public Document Room (LPDR)

Nuclear Safety Information Center (NSIC)

K. Abraham, PAO (2)

NRC Resident Inspector

State of New York, SLO Designee

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bcc w/encl:

Region I Docket Room (with concurrences) (w/cy of IFS Forms)

DRS/EB SALP Coordinator

J. Linville, DRP

W. Lazarus, DRP

T. Moslak, SRI - Ginna (w/cy of IFS Forms)

A. Johnson, PM, NRR

V. McCree, OEDO

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CONCURRENCES:

DRSS:RI

DRSS:RI

DRSS:RI

LLE  
Eckert  
9/19/92

  
McCabe  
9/28/92

  
Joyner  
10/11/92

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## MEETING SUMMARY

Licensee: Rochester Gas and Electric Company  
Facility: R. E. Ginna Nuclear Power Plant  
Docket: 50-244  
Time and Date: 10:00 a.m., September 17, 1992  
Subject: Status of the EP Program

### Participants:

<u>NRC:</u>	C. Conklin	Emergency Response Coordinator
	L. Eckert	Emergency Preparedness Specialist, DRSS
	C. Gordon	Senior Emergency Preparedness Specialist, DRSS
	A. Johnson	Project Manager, NRR
	E. Knutson	Resident Inspector
	W. Lazarus	Chief, Reactor Projects Section No. 3B, DRP
	E. McCabe	Chief, Emergency Preparedness Section, DRSS
	T. Moslak	Senior Resident Inspector

<u>Licensee:</u>	R. Beldue	Corporate Nuclear Emergency Planner
	R. Watts	Director, Corporate Radiation Protection

### Topics Discussed:

- Control Room Dose Assessment
- Nuclear Emergency Response Plan, Revision 11
- Facilities, Equipment, and Supplies
- Organization and Management Control
- Training
- Audits
- 1992 Exercise Schedule of Events
- 1992 Off-hours Unannounced Drill
- Exercise Control (ability to drive the Plant Process Computer System with the Control Room Simulator and the use of the Control Room Simulator in dynamic mode)

Note: Licensee presentation handout attached

RG&E / NRC MEETING ON EP ISSUES  
KING OF PRUSSIA, PA 9/17/92

AGENDA:

1. INSPECTION 91-28 FOLLOW-UP ACTIONS
2. CURRENT EP ACTIVITIES
3. 1992 EXERCISE: SCHEDULE OF EVENTS
4. 1992 OFFHOURS/UNANNOUNCED DRILL



**RG&E  
EMERGENCY PREPAREDNESS**

**NRC INSPECTION 50-244/91-28  
SUMMARY OF FOLLOW-UP ACTIONS**

**KING OF PRUSSIA, PA  
9/17/92**

# INSPECTION REPORT 91-28

## KEY AREAS

### 1. CONTROL ROOM DOSE ASSESSMENT

- VIOLATION VS 10 CFR 50.47(B)(9) WHEN SHIFT NOT ABLE TO PERFORM DOSE RATE CALCULATION
- DOSE ASSESSMENT CAPABILITY IN EOF/TSC DEMO'D

### 2. NUCLEAR EMERGENCY RESPONSE PLAN

- SUGGESTIONS ON CLARIFICATIONS & FORMAT

### 3. FACILITIES, EQUIPMENT, SUPPLIES

- NEED BETTER VERIFICATION THAT TSC VENT. SYSTEM PERFORMING ADEQUATELY
- NEED TO IMPROVE ADMIN./DOCUMENTATION CONTROLS FOR INVENTORY CHECKS & INSPECTIONS

### 4. ORGANIZATION & MANAGEMENT CONTROL

- DEPTH OF EMERGENCY RESPONSE STAFFING
- EP STAFF BURDENED WITH CLERICAL TASKS

# INSPECTION REPORT 91-28

## KEY AREAS (CONT'D)

### 5. TRAINING

- TRAINING SCHEDULING, ATTENDANCE
- CASUALTY CONTROL DRILL (POSITIVE)

### 6. INDEPENDENT REVIEWS/AUDITS

- SCOPE AND CONDUCT OF AUDITS FOUND EFFECTIVE
- INFORMALITY, CONSISTENCY OF SOME  
DRILL AND EQUIPMENT CHECK RECORDS

# INSPECTION REPORT 91-28

## RG&E RESPONSE

### 1. CONTROL ROOM DOSE ASSESSMENT

- RG&E INITIATED CONF. CALL ON 1/21/92.
- SHORT TERM: PROCEDURE DEVELOPMENT, TRAINING COMPLETE
- LONGER TERM: DERIVE OBJECTIVE EALS'S STA/SS AWARENESS TRAINING  
INVITE SHIFT HP'S TO SIMULATOR

### 2. NUCLEAR EMERGENCY RESPONSE PLAN

- HAVE OR WILL ADDRESS ALL SUGGESTIONS

### 3. FACILITIES, EQUIPMENT SUPPLIES

- CLARIFYING TSC VENTILATION OPS CHECKS
- STREAMLINING EQUIPMENT CHECK PROCEDURES

# INSPECTION REPORT 91-28

## RG&E RESPONSE (CONT'D)

### 4. ORGANIZATION & MANAGEMENT CONTROLS

- REVIEWED QUALIFICATION LISTS WITH KEY MANAGERS
- RECRUITING TO ASSURE MINIMUM 3-DEEP FOR EACH POSITION
- STEPS TAKEN TO ALLEVIATE ADMIN. TASKS

### 5. TRAINING

- IMPROVED DEFINITION OF REQUIRED TRAINING ELEMENTS AND REQUAL FREQUENCY.

### 6. INDEPENDENT REVIEWS AND AUDITS

- PROGRAM FORMALITY & CONSISTENCY
- WILL REQUEST THAT QA REVIEW/SUGGEST IMPROVEMENTS



# Neutral- Stability Class

Neutral Stability Class has a delta T of -1.74 to -0.65

1. Verify Stability Class: 250 ft. temp - 33 ft. temp = delta T

2. Determine the 33 ft. Level Wind Speed                      MPH

3. Determine which of the following monitors are on "ALARM" and providing a "RELEASE" Path

- a. R-12 Containment Vent Gas
- b. R-14 Plant Vent
- c. R-15 Air Ejector Vent
- d. R-31/32 "A"/"B" Steam line Radiation Monitor

DOSE AT SITE  
BOUNDRY IN  
" REM/HR "

4. Dose Assessment Calculation at the Site Boundry  
On available PPCS Terminal ENTER " EVENT2" ( If PPCS is unavailable Refer to Attach. IV )

a. R-12  
R12A7 (IF >10uCi/cc use R12A9)      Dose Conv. Constant  
                     uCi/cc      x      9.65E-1      =      \_\_\_\_\_

windspeed                      MPH

b. R-14  
R14A7 (IF >10uCi/cc use R14A9)      Dose Conv. Constant  
                     uCi/cc      x      4.84E+0      =      \_\_\_\_\_

windspeed                      MPH

c. R-15  
R15A7 (IF >10uCi/cc use R15A9)      Dose Conv. Constant  
                     uCi/cc      x      3.78E-2      =      \_\_\_\_\_

windspeed                      MPH

d. ARV Release Point      # of ARVs  
R-31/32 whichever is Higher      OPEN  
                     mR/Hr.      x                                x      2.30E-2      =      \_\_\_\_\_

windspeed                      MPH

e. Main Steam Safety Valve Release Point      # of Sateties  
R-31/32 whichever is Higher      OPEN  
                     mR/Hr.      x                                x      4.59E-2      =      \_\_\_\_\_

windspeed                      MPH

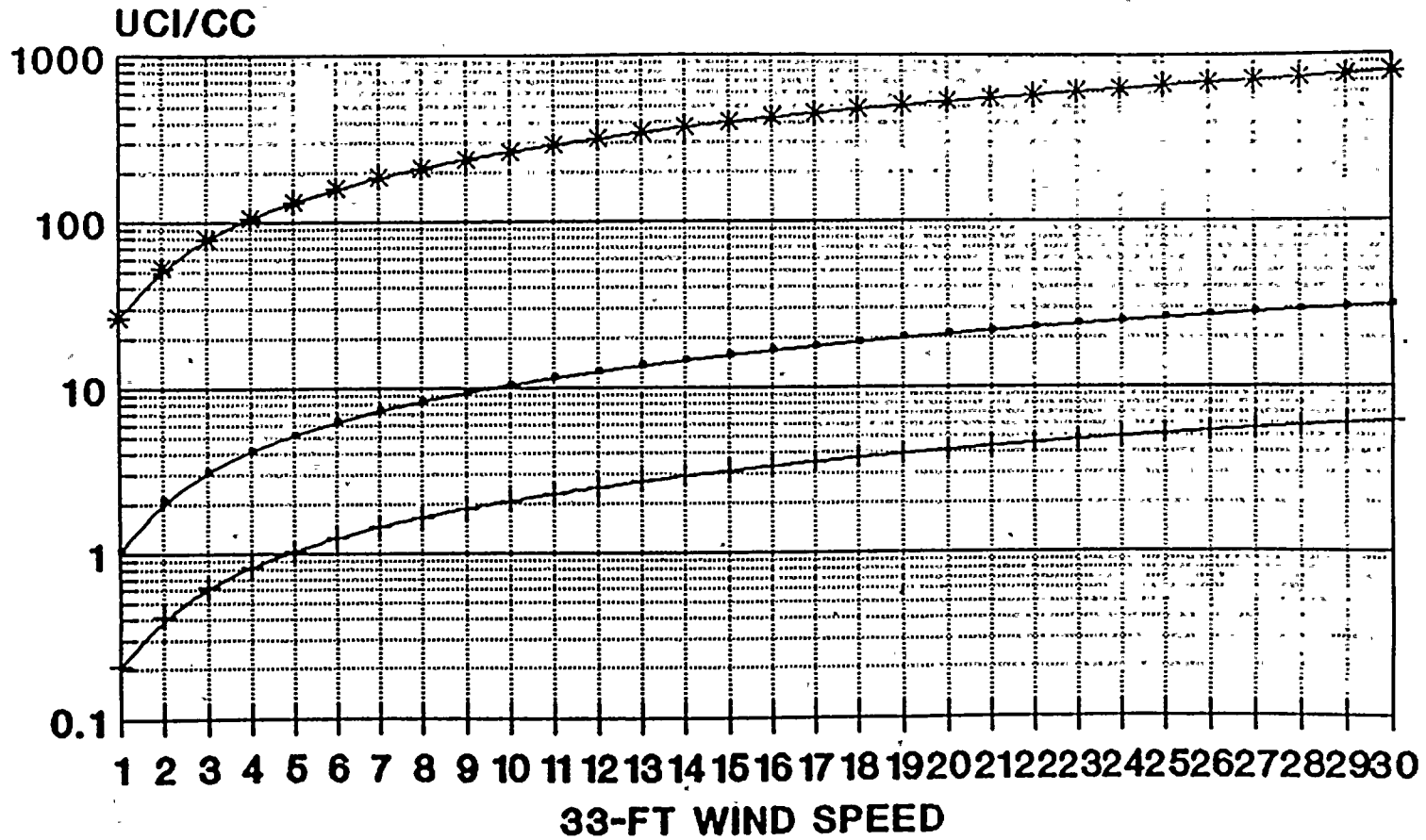
f. Site Boundry Dose Rate, Total 4a thru 4e. (Refer to EPIP 1-0 for EAL Criteria)





# NEUTRAL METEOROLOGY \*

MONITOR READINGS - 1 REM/HR W.B. AT S.B.



—●— R-12A7
—+— R-14A7
—\*— R-15A7

\* 250-33 FT DELTA TEMP: -1.74 TO -0.65 F

**QUALIFIED INDIVIDUALS**

The below individuals have been identified through experience and training as qualified for positions in the R.E. Ginna Emergency Response Organization.

**Emergency Coordinators**

* R. Marchionda	R. Ruby
* T. Marlow	R. Ruedin
* J. Widay	D. Berry
R. Lingl	T. Schuler
G. Litzenberger	P. Sidelinger
K. McCarthy	L. Smith
R. McMahan	J. St. Martin
D. Peterson	T. White
G. Mostert	B. Everett
K. McLaughlin	B. Sensenbach
R. Nye	L. Briggs
M. Micklow	R. Gillow
R. McCoy	D. Gomez
R. McCoy	

**Dose Assessment Manager**

\* D. Fillion  
\* A. Herman  
\* F. Mis  
N. Kiedrowski  
B. Quinn  
P. Polfleit

**Dose Assessment Support**

F. Paddu    J. Bement  
M. Harrison    K. Gould  
R. Kenyon    C. Smith  
D. Doyle    L. Vanhoover,

**Health Physics/Chemistry Manager**

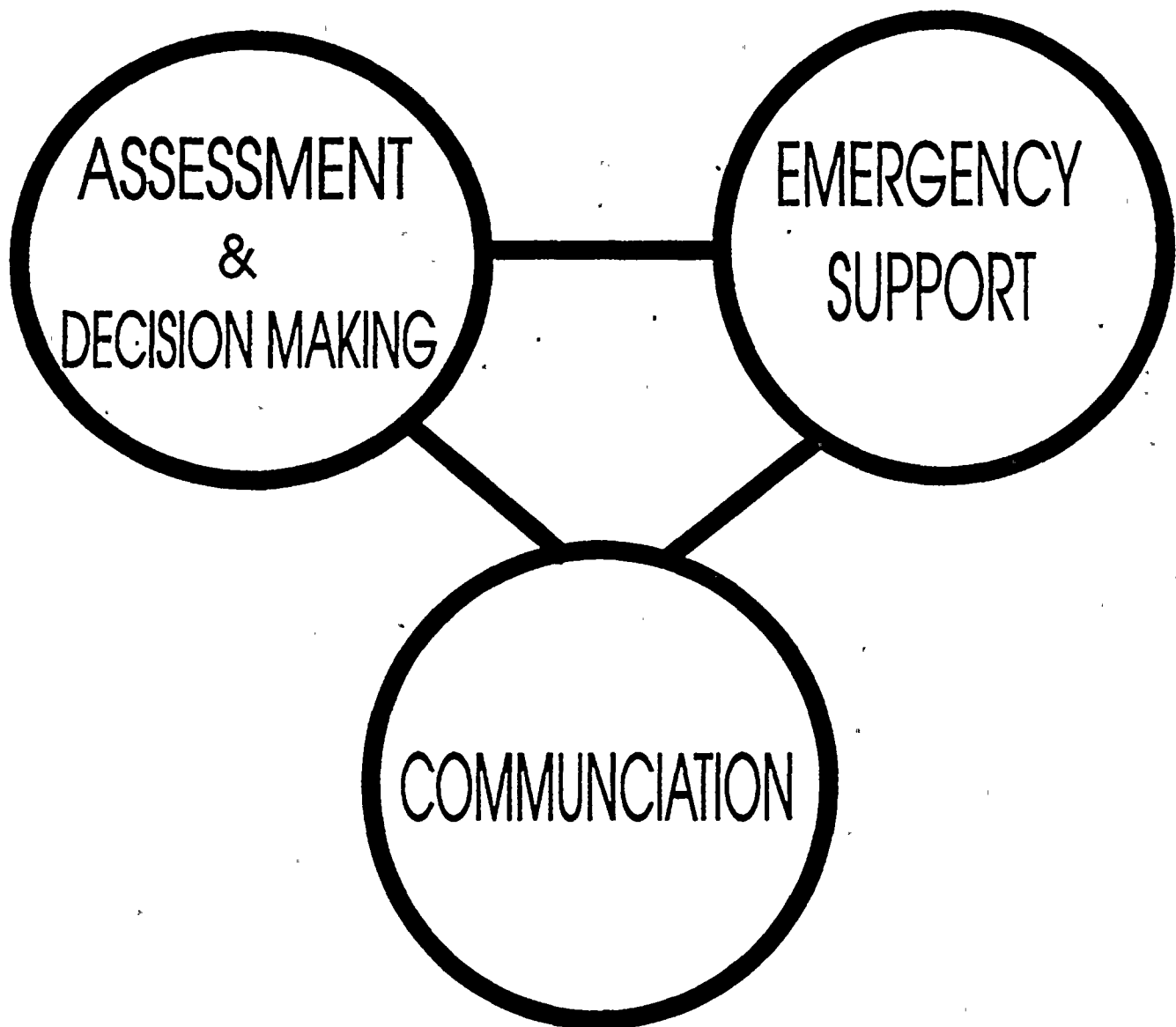
\* W. Goodman    A. Herman  
\* J. Bement    D. Filkins  
\* K. Lang    D. Fillion

**Chemistry Coordinator**

\* A. Harhay    G. Jones  
\* W. Schneider    L. Houser  
\* B. Dahl

\* Primary Responders to position

# EMERGENCY FUNCTIONS





# ONGOING EP ACTIVITIES - 1992

1. SIREN FEEDBACK SYSTEM
2. AUTO-DIAL SYSTEM
3. ERDS
4. PORTABLE PORTAL MONITOR
5. EPA-400 PAG'S
6. EOF PHONE UPGRADES
7. FTS-2000
8. EVACUATION TIME ESTIMATE STUDY
9. CASUALTY CONTROL DRILL
10. REVIEW OF EAL PROCEDURE

SECTION 6.0

1992 GINNA PLUME EXPOSURE PATHWAY EXERCISE

SCHEDULE OF EVENTS

<u>DATE</u>	<u>TIME</u>	<u>PERSONNEL GROUPS</u>	<u>ACTIVITY</u>
10/5	9-11	ALL (EOF)	P L A Y E R BRIEFING
	2-4	ALL (TSC)	P L A Y E R BRIEFING
10/7	8-12	AS ASSIGNED	CONTROLLER BRIEFING
	1-4	NRC TEAM	NRC TEAM BADGING & BRIEFING
10/8	?	ALL	1992 EXERCISE
10/9	8-10	CONTROLLERS	PRE-CRITIQUE MEETING
	10-11	OPEN	R G E CORPORATE CRITIQUE
	11-12	OPEN	NRC CRITIQUE



# OFFHOURS/UNANNOUNCED DRILL PROPOSED SCOPE & ACTIVITIES

1. DATE: WEEK OF NOV. 9, 1992
2. FACILITIES: CR, TSC, EOF, JENC
3. SCENARIO: SAE OR GE
4. POSITIONS/FUNCTIONS REQUIRED TO REPORT:
  - TSC: ALL KEY MANAGERS, COMMUNICATORS
  - EOF: ALL KEY MANAGERS, COMMUNICATORS
  - JENC: NEWS CENTER MANAGER, PIO, WRITER  
& RUMOR CONTROL