

ROCHESTER GAS AND ELECTRIC CORPORATION

GINNA STATION

CONTROLLED COPY NUMBER 23

GINNA STATION
UNIT #1
COMPLETED

DATE:-

TIME:-

PROCEDURE NO. SC-201

REV. NO. 8

UNUSUAL EVENT

TECHNICAL REVIEW

PORC REVIEW DATE

6-10-87

Sn Spect
PLANT SUPERINTENDENT

6-16-87
EFFECTIVE DATE

QA X NON-QA _____ CATEGORY 1.0

REVIEWED BY: _____

THIS PROCEDURE CONTAINS 2 PAGES

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SC-201UNUSUAL EVENT1.0 PURPOSE:

- 1.1 The purpose of this procedure is to implement the Emergency Plan for an Unusual Event.

2.0 REFERENCES:

- 2.1 Nuclear Emergency Response Plan
- 2.2 SC-100 Event Classification
- 2.3 SC-110 Ginna Station Event Evaluation for Reducing the Classification
- 2.4 SC-200 Emergency Response Organization/Responsibilities
- 2.5 SC-601 Unusual Event Notification

3.0 INSTRUCTIONS:

3.1 Immediate Actions

- 3.1.1 Control Room Operator notify the Shift Supervisor.

- 3.1.2 Use appropriate plant procedures to limit or correct condition.

- 3.1.3 Shift Supervisor report to Control Room and:

- Evaluate Plant Conditions
- Direct the responses of personnel
- Assume the duties of the Emergency Coordinator until relieved.

- 3.1.4 Notify Plant Superintendent, Operations Manager, Duty Engineer and Manager of Public Affairs of the event and request they report using SC-601 Unusual Event Notification.

- 3.1.4.1 Notify New York State, Wayne & Monroe Counties, within 15 minutes after classifying the event using SC-701.

- 3.1.4.2 Notify the NRC Operations Officer within one hour using O-9.3.

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3.1.4.3 If Unusual Event requires a reactor shutdown, notify on-duty HP Technician to initiate PC-25.7.11 (Post Accident Sampling at the PASS).

3.1.5 Assure all responsibilities for your Emergency Job position are complete. Refer to SC-200 Emergency Response Organization/Responsibilities.

Appropriate pages are:

3.1.5.1 Emergency Coordinator SC-200 Page 20

3.1.5.2 Control Room Operators SC-200 Page 27

3.1.5.3 Shift Technical Advisor SC-200 Page 25

3.1.5.4 Control Room Communicator SC-200 Page 26

3.1.5.5 On Shift Health Physic Technician SC-200 Page 49

3.1.5.6 Auxiliary Operators SC-200 Page 28

3.2 SUBSEQUENT ACTIONS

3.2.1 Activate additional emergency response functions as necessary to respond to the event (SC-200 Emergency Response Organization).

3.2.2 Monitor plant conditions for the need to reclassify the event in accordance with SC-100 Event Classification.

3.2.3 Update New York State, Wayne and Monroe County at least once per hour of plant status using SC-701.

3.2.4 Keep New York State, Wayne & Monroe Counties, and the NRC Operations Officer informed of significant changes in plant status.

3.3 CLOSE OUT

3.3.1 When the Plant has been stabilized and is in a safe condition refer to SC-110, perform a verbal close with New York State, Wayne & Monroe Counties, and the NRC Operations Officer and others activated by the Unusual Event.

3.3.2 An A-25.1, or other appropriate report, will be made.

3.3.3 A written summary will be submitted to the NRC within 24 hours.

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GINNA STATION

CONTROLLED COPY NUMBER 23

GINNA STATION
UNIT #1
COMPLETED

DATE:-

TIME:-

PROCEDURE NO. SC-206

REV. NO. 3

MAJOR RADIOACTIVE RELEASE TO THE LAKE

TECHNICAL REVIEW

PORC REVIEW DATE 7-22-87

Sn Specter
PLANT SUPERINTENDENT

7-24-87
EFFECTIVE DATE

QA X NON-QA _____ CATEGORY 1.0

REVIEWED BY: _____

THIS PROCEDURE CONTAINS 2 PAGES

SC-206MAJOR RADIOACTIVE RELEASE TO THE LAKE1.0 PURPOSE:

- 1.1 To provide instructions for actions to be taken if a radioactive liquid release is suspected of exceeding the maximum permissible concentration as specified in 10 CFR 20.

2.0 REFERENCES:

- 2.1 10 CFR 20, Appendix B, Table II, Column 2.

3.0 INSTRUCTIONS:

- 3.1 The following conditions may indicate a major radioactive release to the Lake:

- 3.1.1 Radioactive spill flowing into the lake or creek.
- 3.1.2 Actual liquid waste release rate greater than recommended.
- 3.1.3 Radiation monitor Hi alarm on R-16 Containment Fan Coolers Monitor.
- 3.1.4 Radiation monitor Hi alarm on R-18 Liquid Waste Disposal Monitor.
- 3.1.5 Radiation monitor Hi alarm on R-20 Spent Fuel Pit Monitor.
- 3.1.6 Radiation monitor Hi alarm on R-21 Retention Tank Monitor.
- 3.1.7 Radiation monitor Hi alarm on R-22 High Conductivity Waste Disposal Monitor.

3.2 Operator Action:

- 3.2.1 Isolate the source of the release.
- 3.2.2 Obtain a sample of the effluent that was being discharged for analysis.
- 3.2.3 Sample diluted effluent in lake or creek.

- 3.2.4 Record the estimated dilution flow (for example one or two circulation pump flow) and estimated quantity of effluent.
- 3.2.5 Notify the Superintendent Ginna Production and the Duty Engineer.
- 3.3 Subsequent Action:
- 3.3.1 If the analysis of the lake or creek water sample is determined to have exceeded the MPC (Maximum Permissible Concentration) as per 10 CFR 20, or is greater than 1×10^{-7} uci/cc gross radioactivity if the identified radionuclide activity is not available, notify authorities per SC-201, Unusual Event (Effluent Release Condition).
- 3.3.1.1 Notify the Health Physics Section to monitor the Ontario Water District Station water on an increased frequency.
- 3.3.1.2 Notify the Ontario Water District
- 9-524-2941 or
9-524-8520 or
9-524-8263
- 3.3.2 If the analysis of the lake or creek water sample is determined to have exceeded ten times the MPC (Maximum Permissible Concentration) as per 10 CFR 20, or is greater than 1×10^{-6} uci/cc gross radioactivity, if the identified radionuclide activity is not available, notify authorities per SC-202, Alert (Effluent Release Condition).
- 3.3.2.1 Notify the Health Physics Section to monitor the Ontario Water District Water Station water on an increased frequency.
- 3.3.2.2 Notify the Ontario Water District:
- 9-524-2941 or
9-524-8520 or
9-524-8263

