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

PLANT SUPERINTENDENT

6-16-87
EFFECTIVE DATE

QA ✕ NON-QA _____ CATEGORY 1.0

REVIEWED BY: _____

THIS PROCEDURE CONTAINS 2 PAGES

A045
1/1

SC-201

UNUSUAL EVENT

1.0 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.

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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PROCEDURE NO. SC-206 REV. NO. 3

MAJOR RADIOACTIVE RELEASE TO THE LAKE

TECHNICAL REVIEW

PORC REVIEW DATE 7-22-87

PLANT SUPERINTENDENT

7-24-87
EFFECTIVE DATE

QA X NON-QA _____ CATEGORY 1.0

REVIEWED BY: _____

THIS PROCEDURE CONTAINS 2 PAGES

SC-206

MAJOR RADIOACTIVE RELEASE TO THE LAKE

1.0 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