



U.S. Department of Homeland
Security
Region 5
536 South Clark Street
Chicago, Illinois 60605
FEMA

July 31, 2024

Kristi Rollwagen
Director, Division of Homeland Security and Emergency Management
445 Minnesota Street Suite 223
Saint Paul, Minnesota 55101

Dear Director Rollwagen,

Attached is one copy of the Final After-Action Report/Improvement Plan (AAR/IP), for the Monticello Nuclear Generating Plant Radiological Emergency Preparedness out-of-sequence Plume Exposure Pathway, School Evaluation conducted on June 26, 2024.

The exercise resulted in no Level 1 Findings, no Level 2 Findings, and no Plan Issues for the State of Minnesota.

Based on the results of the exercise, the planning and preparedness for both the State of Minnesota and the affected local jurisdiction continue to provide reasonable assurance that appropriate measures can be taken to protect the public health and safety. Therefore, Title 44 CFR 350 approval of the offsite radiological emergency response plans and preparedness program remain in effect.

If you have any questions, please contact Edward Golinski, Minnesota Senior Site Specialist, at (312) 408-5353.

Sincerely,

S.P. O'Leary
Chair, Regional Assistance Committee

Date: 2024.07.31
09:42:31 -05'00'

Cc:
DHS/FEMA Headquarters
NRC Region III
NRC Headquarters Document Control Desk

Attachment (1):
Final MNGP OOS 2024 AAR.pdf



Nuclear Power Plant Exercise

Monticello Nuclear Generating Plant

Radiological Emergency Preparedness Program

Big Lake School District School Evaluation (EV-2)

Final After-Action Report/Improvement Plan

Exercise Date: June 26, 2024

Report Date: July 31, 2024



FEMA

Table of Contents

| | |
|---|-----------|
| Executive Summary | 2 |
| Section 1: Exercise Overview..... | 3 |
| Section 2: Exercise Design Summary | 4 |
| 2.1 Exercise Purpose | 4 |
| 2.2 Exercise Core Capabilities | 4 |
| Section 3: Analysis of Capabilities..... | 7 |
| 3.1 Exercise Evaluation and Results | 7 |
| Table 3.1.1 Summary of Exercise Evaluation - State of Minnesota Out of-Sequence Activity..... | 8 |
| 3.2 Detailed Results of Exercise Evaluation | 9 |
| 3.2.1 State of Minnesota..... | 9 |
| 3.2.1.1 Big Lake School District - School Evaluation (EV-2) | 9 |
| Section 4: Conclusion..... | 10 |
| Appendix A: Participating Organizations..... | 11 |
| Appendix B: Evaluation Team | 12 |
| Appendix C: Extent-of-Play | 13 |

Executive Summary

On June 26, 2024, the U.S. Department of Homeland Security, Federal Emergency Management Agency (DHS/FEMA) Region 5 Radiological Emergency Preparedness Program staff evaluated an out-of-sequence Plume Exposure, Big Lake School District, School Evaluation EV-2 Drill in the Emergency Planning Zones (EPZ) for the Monticello Nuclear Generating Plant (MNGP).

The MNGP plant is located 55 miles northwest of St. Paul, Minnesota. The MNGP 10-mile Plume Exposure Pathway EPZ encompasses portions of Sherburne and Wright County, Minnesota. The purpose of the drills was to assess the level of state and local preparedness in responding to an incident at the MNGP. This exercise was conducted in accordance with DHS/FEMA's policies and guidance concerning the exercise of State and Local radiological emergency response plans and procedures. The previous federally evaluated exercise for this site was conducted on June 27, 2023. The qualifying emergency preparedness exercise was conducted on January 7, 1981.

Officials and representatives from the State of Minnesota and the Licensee Xcel Energy participated in this exercise. State and Local officials demonstrated knowledge of their emergency response plans and procedures and successfully implemented them. No Findings or Plan Issues were identified for the State of Minnesota as a result of the 2024 MNGP out-of-sequence Plume Exposure, School Evaluation EV-2 Drill. The DHS/FEMA evaluation team identified no Level 1 Findings, no Level 2 Findings, and no Plan Issues for the State of Minnesota.

The Federal Emergency Management Agency wishes to acknowledge the efforts of the many individuals who participated in the exercise and made it a success. Over eight positions were staffed during the out-of-sequence exercise activities. The professionalism and teamwork of the participants was evident throughout all phases of the exercise.

Section 1: Exercise Overview

| | | |
|--|--|--------------------------|
| Exercise Name | 2024 Radiological Emergency Preparedness Big Lake School District School Evaluation (EV-2) | |
| Type of Exercise | School Evaluation EV-2 | |
| Exercise Date | June 26, 2024 | |
| Out of Sequence Date(s) | N/A | |
| Program | Radiological Emergency Preparedness Program | |
| FINAL Scenario Submittal to FEMA | April 16, 2024 | |
| FINAL Extent-of-Play Agreement Submittal to FEMA | April 16, 2024 | |
| Mission Area | Response, Preparedness, Protection | |
| Core Capabilities | Environmental Response/Health & Safety | Operational Coordination |
| | Planning | Situational Assessment |
| Participating Organizations | See Appendix A for the list of Participating Organizations | |
| Evaluated Facilities | See Appendix B Section 4 for the Extent-of-Play Agreement | |
| Exercise Planning Team | Minnesota Homeland Security Emergency Management Xcel Energy | |
| FEMA Exercise Evaluation Leadership Team | S.P. O'Leary, Chair, Regional Assistance Committee Edward Golinski, Exercise Director Edward Diaz, Site Specialist | |

Section 2: Exercise Design Summary

2.1 Exercise Purpose

The DHS/FEMA administers the Radiological Emergency Preparedness Program pursuant to the regulations found in Title 44 C.F.R. § 350, 351, 352, 353, and 354. 44 C.F.R. § 350 codifies 16 planning standards that form the basis for radiological emergency response planning for the licensee, state, local, tribal, and territorial governments impacted by the emergency planning zones established for each nuclear power plant site in the United States. United States Nuclear Regulatory Commission regulations also codify the 16 planning standards for the licensee. 44 C.F.R. § 350, 351, 352, 353, and 354 sets forth the mechanisms for the formal review and approval of state, local, tribal, and territorial government radiological emergency response plans and procedures by FEMA. One of the Radiological Emergency Preparedness Program cornerstones established by these regulations is the biennial exercise of offsite response capabilities. During these exercises, affected state, local, tribal, and territorial governments demonstrate the capability to implement their plans and procedures to protect the health and safety of the public in the event of a radiological incident at a nuclear plant.

The results of this exercise, together with reviews of the radiological emergency response plans and verification of the periodic requirements set forth in NUREG-0654/FEMA-REP-1, the annual letter of certification, and staff assistance visits, enabled FEMA to provide a statement with the transmission of this final after-action report to the United States Nuclear Regulatory Commission. This statement verifies that the affected state, local, tribal, and territorial plans, and preparedness are: (1) adequate to protect the health and safety of the public living in the vicinity of the nuclear power facility by providing reasonable assurance that appropriate protective measures can be taken offsite in the event of a radiological incident; and (2) capable of being implemented. Using the Homeland Security Exercise and Evaluation Program methodology, core capabilities-based planning allows for exercise planning teams to develop exercise objectives and observe exercise outcomes through a framework of specific action items.

2.2 Exercise Core Capabilities

Furthermore, in an effort to strengthen response against catastrophic incidents, FEMA is aligning the REP Program with the National Preparedness System to ensure that not only preparedness is addressed, but also the five mission areas: prevention, protection, recovery, response, and mitigation. Additionally, the exercise objectives and capability targets assessed meet Radiological Emergency Preparedness Program Manual requirements and objectives. The core capabilities scheduled for demonstration during this exercise were:

- **Access Control/Identity Verification:** Apply a broad range of physical, technological, and cyber measures to control admittance to critical locations and systems, limiting access to authorized individuals to carry out legitimate activities.
- **Critical Transportation:** Provide transportation (including infrastructure access and accessible transportation services) for response priority objectives, including the evacuation of people and animals, and the delivery of vital response personnel, equipment, and services into the affected areas.
- **Environmental Response/Health and Safety:** Conduct appropriate measures to ensure the protection of the health and safety of the public and workers, as well as the environment, from all-hazards in support of responder operations and the affected communities.

- **On-Scene Security, Protection, and Law Enforcement:** Ensure a safe and secure environment through law enforcement and related security and protection operations for people and communities located within affected areas and also for response personnel engaged in lifesaving and life-sustaining operations.
- **Operational Coordination:** Establish and maintain a unified and coordinated operational structure and process that appropriately integrates all critical stakeholders and supports the execution of core capabilities.
- **Operational Communication:** Ensure the capacity for timely communications in support of security, situational awareness, and operations, by any and all means available, among and between affected communities in the impact area and all response forces.
- **Planning:** Conduct a systematic process engaging the whole community as appropriate in the development of executable strategic, operational, and/or community-based approaches to meet defined objectives.
- **Situational Awareness:** Provide all decision makers with decision-relevant information regarding the nature and extent of the hazard, any cascading effects, and the status of the response.

These core capabilities, when successfully demonstrated, meet the exercise objectives. The objectives for this exercise were as follows:

- **Objective 1:** Emergency Operations Management
- **Objective 2:** Exposure Control
- **Objective 3:** Alert and Notification

Section 3: Analysis of Capabilities

3.1 Exercise Evaluation and Results

This section contains the results and findings of the evaluation of all jurisdictions and functional entities that participated in the June 26, 2024, Big Lake School District, School Evaluation EV-2 Drill.

Each jurisdiction and functional entity were evaluated based on the demonstration of objectives, core capabilities, and capability targets as delineated in the DHS/FEMA Radiological Emergency Preparedness Program Manual dated December 2019. Capability targets are listed by number and the demonstration status of those capability targets are indicated by the use of the following terms:

- **Met (M):** The jurisdiction or functional entity performed all activities under the objective/capability target to the level required per the work plan and/or the extent-of-play agreement, with no level 1 or level 2 findings evaluated under that objective/capability target during the current activity and no unresolved prior level 2 finding(s).
- **Level 1 Finding (L1):** An observed or identified inadequacy of organizational performance during an assessment activity that could cause a determination that offsite emergency preparedness is not adequate to provide reasonable assurance that appropriate protective measures can be taken in the event of a radiological emergency to protect the health and safety of the public living in the vicinity of a nuclear power plant.
- **Level 2 Finding (L2):** An observed or identified inadequacy of organizational performance during an assessment activity that is not considered, by itself, to adversely impact public health and safety.
- **Plan Issue (P):** An observed or identified inadequacy in the offsite response organization's emergency plan/implementing procedures, rather than in that of the offsite response organization's performance.
- **Not Applicable (NA):** The objective/capability target does not apply to the jurisdiction.
- **Not Selected (NS):** For a justifiable reason, the jurisdiction or functional entity did not perform assessment activities under the objective/capability target as specified in the extent-of-play agreement.

Table 3.1.1 Summary of Exercise Evaluation - State of Minnesota Out-of-Sequence Activity

| | |
|---|----------------------------------|
| SITE: Monticello Nuclear Generating Plant DATE: June 26, 2024 M: Met L1: Level 1 Finding L2: Level 2 Finding P: Plan Issue NA: Not Applicable NS: Not Selected | Big Lake School District EV-2 |
| Objective 1: Emergency Operations Management Capability Targets | |
| 1.1: Mobilization | NA |
| 1.2: Direction and Control | NA |
| 1.3: Protective Action Recommendations | NA |
| 1.4: Protective Action Decisions Plume Phase | NA |
| 1.5: Protective Action Decision Implementation Plume Phase | M |
| 1.6: Protective Action Decisions Post-Plume Phase | NA |
| 1.7: Protective Action Decision Implementation for the Post-Plume Phase | NA |
| Objective 2: Exposure Control Capability Targets | |
| 2.1: Emergency Worker Exposure Control Decision-Making Process | NA |
| 2.2: Emergency Worker Exposure Control Management | M |
| Objective 3: Alert and Notification Capability Targets | |
| 3.1: Communications | M |
| 3.2: Alert and Notification of the Public | NA |
| 3.3: Emergency Information and Instructions Public and News Media | NA |
| Objective 4: Detect, Measure, Sample, Analyze, and Assess Capability Targets | |
| 4.1: Field Monitoring Teams Management | NA |
| 4.2: Plume Phase Measurements and Sampling | NA |
| 4.3: Post-Plume Phase Measurements and Sampling | NA |
| 4.4: Laboratory Operations | NA |
| 4.5: Plume Phase Analysis and Dose Assessment | NA |
| 4.6: Post-Plume Phase Sampling Plan Development and Analysis | NA |
| Objective 5: Operate Capability Targets | |
| 5.1: Monitoring, Decontamination, Sheltering, and Registration of Evacuees | NA |
| 5.2: Monitoring & Decontamination of Emergency Workers, Equipment, & Vehicles | NA |
| 5.3: Transportation and Treatment of Contaminated, Injured Individuals | NA |
| 5.4: Traffic and Access Control | NA |

3.2 Detailed Results of Exercise Evaluation

The Homeland Security Exercise and Evaluation Program methodology is an analytical process used to assess the demonstration of specific capabilities during an exercise. A capability provides a means to perform one or more capability targets under specified conditions and to specific performance standards. Core capabilities form the foundation of the FEMA Region 5 Radiological Emergency Preparedness Program evaluations. Each jurisdiction's standalone capability summaries are provided below.

3.2.1 State of Minnesota

3.2.1.1 Big Lake School District – School Evaluation (EV-2)

Capability Target: 1.5 Protective Action Decision Implementation for the Plume Phase

Core Capabilities: Operational Coordination; Public Information and Warning; Environmental Response/Health and Safety; Critical Transportation; Health and Social Services; Housing; Natural and Cultural Resources; Planning

Capability Target: 2.2: Emergency Worker Exposure Control Management

Core Capabilities: Operational Coordination; Environmental Response/Health and Safety; Planning

Capability Target: 3.1: Communication

Core Capabilities: Operational Communications; Operational Coordination; Situational Awareness; Planning

In summary, the status of DHS/FEMA-evaluated Capability Target and Core Capabilities is as follows:
MET: The Capability Target and Core Capabilities identified in the DHS/FEMA-approved extent-of-play agreement.

Section 4: Conclusion

The DHS/FEMA assesses offsite response organization preparedness on an ongoing basis which meets the intent of Title 44 C.F.R. § 350, 351, 352, 353, and 354 planning standards and, through the assessment of selected core capabilities, the National Preparedness Goal.

The analysis of capabilities in Section 3 described the State of Minnesota and Monticello Nuclear Generating Plant offsite response capabilities. Overall, the drill was a success. The demonstration-based assessment activities evaluated by core capabilities, objectives, and capability targets were successfully demonstrated. All offsite response organizations demonstrated knowledge of their emergency response plans and procedures, and successfully demonstrated the ability to protect the health and safety of the public in the event of an incident involving the Monticello Nuclear Generating Plant. There were no Findings or Plan Issues identified for the State of Minnesota.

Based on the results of the Big Lake School District School Evaluation (EV-2), the planning and preparedness for the State of Minnesota and affected local jurisdictions provide reasonable assurance that appropriate measures can be taken to protect public health and safety. Therefore, Title 44 C.F.R. § 350, 351, 352, 353, and 354, approval of the offsite radiological emergency response plans and preparedness for the State of Minnesota, remains in effect.

The DHS/FEMA wishes to acknowledge the efforts of the many individuals who participated and made this exercise a success.

Appendix A: Participating Organizations

Federal Organizations

U.S. Department of Homeland Security/Federal Emergency Management Agency

State of Minnesota

Homeland Security Emergency Management

Private Organizations

Big Lake School District

Xcel Energy

Appendix B: Evaluation Team

| Exercise Management | Name | Agency/ Organization |
|--|-----------------|---------------------------------|
| Chair, Regional Assistance Committee | S.P. O’Leary | DHS/FEMA |
| Exercise Director | Edward Golinski | DHS/FEMA |
| Minnesota Site Specialist | Edward Diaz | DHS/FEMA |
| Evaluator – Big Lake School District School Evaluation | Paul Anderson | Cadmus |

Appendix C: Extent-of-Play



Nuclear Power Plant Exercise

Monticello Nuclear Generating Plant

Radiological Emergency Preparedness (REP) Program

Extent-of-Play Agreement for Big Lake School District

June 26, 2024

Table of Contents

| | |
|--|----|
| Section 1: Exercise Overview | 15 |
| Overarching Purpose | 15 |
| Scope | 15 |
| Table 1 – Schedule of Activities | 15 |
| Section 2: Extent-of-Play Agreement | 16 |
| Standards & References | 16 |
| Exercise Participants | 17 |
| Section 3: Objectives and Exceptions | 17 |
| Objective 1: Emergency Operations Management | 17 |
| Objective 2: Exposure Control | 18 |
| Objective 3: Alert and Notification | 19 |
| Acronyms | 20 |

Section 1: Exercise Overview

Overarching Purpose

The purpose of this extent of play agreement (EOP) identifies the conditions that will be used to conduct, control and evaluate the 2024 Monticello Generating Plant Evaluated Exercise, as agreed to by the offsite response organizations and Federal Emergency Management Agency (FEMA) Region 5, Radiological Assistance Committee (RAC) Chair.

The extent-of-play agreement is negotiated during the exercise planning process and documents deviations from activities as described in plans and procedures for exercise demonstration purposes. The extent-of-play agreement identifies the capability targets that will be evaluated during the exercise, including any exceptions, as well as the entities responsible for demonstrating the capability targets.

Scope

The exercise is only an Out-of-Sequence demonstration activity. This exercise marks the start of the eight-year exercise cycle for Big Lake School District.

Out of Sequence activities will be managed by the Lead Controller at each field locations and will be managed independently. All demonstrations will commence promptly and, barring any complications, not continue past the end time. (See Table – 1)

Demonstration Windows

Demonstration windows are those periods of time designated in the exercise during which specified demonstrations will be accomplished.

The schedule of activities including OROs, locations, dates, and times for Out-of-Sequence Play activities are summarized in Table 1 below. Additional information is provided in Section 4.

Table 1 – Schedule of Activities

| Activity | ORO/Location | Date/Time |
|-----------------------------|--------------|----------------------------|
| Big Lake Schools Evaluation | | June 26, 2024; 10:00 AM |

Re-demonstration

All activities will be demonstrated fully in accordance with respective plans and procedures, as they would be in an actual emergency. This extent-of-play agreement is written by exception. If an exception is not included below then the activity will be demonstrated as described in plans and/or procedures.

2019 Capability Targets that will be demonstrated during this exercise and may be re-demonstrated immediately for credit, at the decision of the Jurisdiction FEMA Team Leader 1.1, 1.5, 1.6, 1.7, 2.1, 2.2, 3.1, 5.1, 5.2, and 5.4.

2019 Capability Targets that will be demonstrated during this exercise and may be re-demonstrated immediately for credit, at the decision of the Jurisdiction FEMA Team Leader OR may be re-demonstrated as approved on a case-by-case basis by the Chairperson, FEMA R5 Regional Assistance Committee: 1.2, and 3.3.

2019 Capability Targets that will be demonstrated during this exercise and may be re-demonstrated as approved on a case-by-case basis by the Chairperson, FEMA R5 Regional Assistance Committee: 1.4, 3.2, and 5.4.

Re-demonstration will be negotiated between the Lead Controller, Jurisdiction FEMA Team Leader, and the Offsite Response Organization (ORO) involved, and will be conducted only when the corrective action would not interfere with the flow of the exercise. Refresher training may be provided by ORO personnel and/or the Controller.

It is permissible to extend the evaluation time to accommodate the re-demonstration. Issues resolved as the result of a re-demonstration will be noted as Findings resolved through re-demonstration.

Activities, Core Capabilities, and Exercise Objectives

| Activity | Core Capability | Exercise Objective |
|---------------------------------|---|--|
| School/Transportation Interview | Operational Communications Operational Coordination Critical Transportation | Objective 1: Emergency Operations Management |

Section 2: Extent-of-Play Agreement

Standards & References

Reception Centers and Congregate Care Centers will use the following references, plans, and procedures during exercise play:

- School Standard Operating Procedures
- DHS/FEMA REP Program Manual December 2019.

- NUREG 0654/FEMA REP 1 Rev. 2.

Exercise Participants

County and local Offsite Response Organizations (ORO) that will participate in this exercise may include but are not limited to the following:

- Big Lake School District
- Minnesota Homeland Security and Emergency Management (HSEM)

Section 3: Objectives and Exceptions

Objective 1: Emergency Operations Management

Capability Target 1.5: Protective Action Decision Implementation for the Plume Phase –Implement decisions for those populations and areas subject to plume phase protective actions.

***Intent:** The capability to implement precautionary protective action and/or PADs, including evacuation and/or sheltering, for all populations within the plume and ingestion exposure pathway EPZs. The populations include those with access and functional needs, students, and institutionalized individuals.*

***Planning reference:** NUREG-0654/FEMA-REP-1, Rev. 2 (A.4, C.2.a, G.1, J.11, J.11.a, J.11.b, J.11.c, J.11.e, J.11.g, and O.1)*

***Core Capabilities:** Operational Coordination; Public Information and Warning; Environmental Response/Health and Safety; Critical Transportation; Health and Social Services; Housing; Natural and Cultural Resources; Planning*

***Exercise Parameters:** No actual evacuations or demonstrations of shelter-in-place will occur. Phone calls and public notifications will be simulated. All transportation points of review will be demonstrated by interview/discussion. No actual transportation will occur. School demonstration is out of sequence relative to EOC demonstration, most of School Services Officer demonstration will be by interview, and communications with school districts will be simulated.*

| Assessment | Venue | Extent of Play |
|---|--|-------------------------|
| Implement PADs, ensuring communication and coordination with all appropriate jurisdictions. | Big Lake School/Transportation Interview | See Exercise Parameters |
| Assist those with access and functional needs during the implementation of PADs. | Big Lake School/Transportation Interview | See Exercise Parameters |
| Communicate, coordinate, and implement protective actions for schools. | Big Lake School/Transportation Interview | See Exercise Parameters |
| Communicate with transportation officials. | Big Lake School/Transportation Interview | See Exercise Parameters |
| Identify evacuation routes for the general public. | Big Lake School/Transportation Interview | See Exercise Parameters |
| Make KI available to both institutionalized persons and the general public, in accordance with plans and procedures | Big Lake School/Transportation Interview | See Exercise Parameters |

Objective 2: Exposure Control

Capability Target 2.2: Emergency Worker Exposure Control Management - Emergency workers manage radiological exposure and dose in accordance with the plans/procedures.

Intent The capability of emergency workers to manage dose and exposure, use equipment (e.g., dosimetry, radio protective drugs), and identify procedures to monitor their exposure and dose, including following procedures to obtain authorization to receive emergency exposures in excess of the PAGs.

Planning reference: NUREG-0654/FEMA-REP-1, Rev. 2

Core Capabilities: Operational Coordination; Environmental Response/Health and Safety; Planning

Exercise Parameters KI for staff and students is pre-distributed and described in the Big Lake School District Plan. In the event that the use of KI is recommended to general population, players will simulate taking KI.

| Assessment | Venue | Extent of Play |
|--|--------------------------|---|
| Retain an adequate supply of radioprotective drugs. | Big Lake School District | No Exception |
| Implement decisions to administer radioprotective drugs. | Big Lake School District | Exception: State Function for decision, County will coordinate. MN Department of Health is responsible for the decision to ingest KI. Ingestion of KI will be simulated. School will follow county orders to administer KI to staff and students. |

Objective 3: Alert and Notification

Capability Target 3.1: Communications - Communication processes, systems, and equipment are sufficient to support emergency operations.

Intent: The capability to provide and maintain reliable communications with emergency personnel.

Planning reference: NUREG-0654/FEMA-REP-1, Rev. 2

Core Capabilities: Operational Communications; Operational Coordination; Situational Awareness; Planning

Exercise Parameters: Sherburne County is the primary communications with the Big Lake School District as described in the plans. Communication will be discussed during the table top exercise.

| Assessment | Venue | Extent of Play |
|---|--------------------------|----------------|
| Utilize communication systems that are fully functional, continuously available, and redundant. | Big Lake School District | No Exception |
| Access at least one communication system that is independent of the commercial telephone system. | Big Lake School District | No Exception |
| Manage the communication systems and ensure that all message traffic is handled without delays that might disrupt emergency operations. | Big Lake School District | No Exception |

Section 5: Back-up Documentation

Big Lake School District Radiological Emergency Preparedness Plan, Suggested Operational Guidance and other supporting information to be provided separately.

Section 6: Acronyms

| Acronym | Term |
|---------|--|
| ARC | American Red Cross |
| CDT | Central Daylight Time |
| EMS | Emergency Medical Service |
| EOC | Emergency Operations Center |
| EOP | Extent of Play |
| EWDC | Emergency Worker Monitoring/Decontamination Center |
| FEMA | Federal Emergency Management Agency |
| JIC | Joint Information Center |
| ORO | Offsite Response Organization |
| PIO | Public Information Officer |
| R5 | FEMA Region Five |
| RAC | Radiological Assistance Committee |
| RERP | Radiological Emergency Response Plan |
| SOG | Suggested Operational Guidance |
| TACP | Traffic/Access Control Point |