

2023 FEMA REP Program Manual

Change Summary

The REP Program Manual (RPM) is on a four-year update cycle and was revised in December 2023. This update included corrections, updated references, and language and guidance improvements for clarity. The Change Summary provides an overview of notable changes to the 2023 RPM by Part. For additional information and implementation tools, visit the [REPP RPM Implementation Community](#) on the FEMA PrepToolkit or email the FEMA Technological Hazards Division Policy Section at FEMATHDPolicy@fema.dhs.gov.

Global RPM Edits

- The RPM was technically edited for grammar, punctuation, voice, and style.
- A reference to territorial stakeholders was added where applicable.
- Plan references were updated to reflect current versions.

Introduction

- Added a new section highlighting the data analytics program under D. “Use of this Document”, 5. “Data Analytics”.

Part I

- Removed language referencing high radiation exposures and acute radiation syndrome because it is not appropriate for this type of hazard.

Part II

- Removed revision numbers where appropriate when citing NUREG-0654/FEMA-REP-1.
- Reincorporated language specific to hostile action-based planning into various applicable locations.
- Provided clarification on interpreting planning standard applicability, noting that planning is only required when the planning standard applies to the licensee or ORO that is “checked”.



Planning Standard E

- Corrected the applicable reference for determining translation requirements for individuals with limited English proficiency.

Planning Standard F

- Removed reference to communication drills message content check to meet the intent statement. This was inappropriate for the system and is addressed in the communication drill under N.4.f.

Planning Standard G

- Corrected the applicable reference for determining translation requirements for individuals with limited English proficiency.
- Added a “To meet the intent” statement to address the expectation that ingestion exposure pathway information is included with annually distributed public information materials.

Planning Standard H

- Added information about properly conducting operational tests and quantitative source response checks for portable portal monitors and handheld survey instruments.

Planning Standard I

- Language added to clarify the expectation that offsite response organizations (OROs) characterize the plume and obtain peak plume measurements. Additional language was added for the ORO’s use of other sources, such as the licensee’s field monitoring teams, to obtain peak plume measurements.
- Language added clarifying the expectation that OROs conduct dose assessments independent from those conducted by the licensee.

Planning Standard K

- Added language to extend the shelf life of permanent record dosimeters to three years.

Planning Standard L

- Updated language to clarify the intent of the guidance that OROs determine the staffing capability necessary to treat a contaminated injured individual.

Planning Standard N

- Clarifications made regarding the expectations for participation in laboratory drills.
- Clarified expectations for participation in ingestion drills and activities that should be demonstrated during ingestion drills.

- Added clarifying language to indicate that medical services drills include the transportation and treatment of an individual retrieved from within the EPZ and taken to a designated hospital five, but preferably 10, miles outside the EPZ.

Part III

- Part III is written to the evaluator. It serves as an exercise evaluation guide. Language was added to Part III to clarify its use.

B. REP Assessment Policies and Procedures

- Several footers were added to Exhibit III-1 to clarify the frequency of demonstration and evaluation of activities by FEMA.
- Reorganized and clarified the language regarding Level 1 Findings, including clarification of the notification process and timeline for correction and reporting.

C. REP Objectives / Capability Targets

- Updated several Capability Targets to clarify expectations that public information includes impediments and updated evacuation routes.
- Under Objective 5, clarifying language was added to indicate that medical services drills include the transportation and treatment of an individual retrieved from within the EPZ and taken to a designated hospital five, but preferably 10, miles outside the EPZ.

Part IV

C. REPP Evaluator Qualification

- Updated evaluator qualifications for consistency with the FEMA National Qualification System (NQS) process.

D. REP Exercise Process Milestones and Frequencies

- Revised exhibits IV-2 through IV-4 to clarify activities and frequencies and identify those evaluated by FEMA versus those reported in the annual letter of certification (ALC).

F. Tribal Policies and Procedures

- Updated considerations for Tribal Nations participating in the REP Program.

K. Conducting Scenario Reviews

- Added language to clarify expectations of scenarios and offsite impacts that support adequate participation.
- Clarified expectations for source term and nuclide mix in sample data for post-plume phase scenarios.

- Added Step 8 to ensure all scenario elements and variations are conducted during the 8-year cycle in accordance with Appendix E 10 CFR Part 50, and all scenarios and required variables are tracked.
- Updated exercise planning milestones to clarify specific steps.
- Added iodine concentration to drive exercise play.
- Added language regarding isotopic release rates and specifying maps are included in scenario packages.

L. Annual Letter of Certification

- General re-write of the section to clarify expectations.
- Added language to help identify where the ALC checklist is located and clarify that the approval letter is sent to the state.

M. Public Information Review Guide and Process

- Corrected the applicable reference and language for determining translation requirements for individuals with limited English proficiency.

Part V

- Updated Section B., 12. “Security and Privacy” to clarify submission expectations.
- Section C., 2., b. “FEMA” re-written to clarify roles and responsibilities.

Appendices

Appendix B: Glossary of REP Terms

- Revised definition of “host jurisdiction”.
- Updated the definition of “medical services drill” to clarify expectations about drill conduct within the EPZ, consistent with updates to the 2023 RPM.
- Added definition for “operational instrument checks”.
- Added definition for “quantitative source-response checks”.
- Revised definition of “rapidly-escalating incident”.
- Added definition for “source-response functionality check”.

Appendix C: Authorities and References

- Added REP-10 as an active reference.

Appendix F: Comprehensive List of Periodic REPP Activities

- Created a tool for OROs to quickly identify activities they are responsible for conducting and the periodicity at which they are accomplished.