



LEHIGH EMERGENCY SERVICES TRAINING ACADEMY



MGT-453 REP Post Plume Plan Review Course

This course focuses on the review of offsite response organizations' radiological emergency preparedness (REP) plans and implementation procedures utilizing the 16 planning standards (from 44 CFR Part 350 and 10 CFR § 50.47) and associated evaluation criteria (from NUREG-0654 FEMA-REP-1, Rev.1 or Rev.2) which address protecting the health and safety of the public when responding during the post-plume phase of a radiological emergency at an NRC-licensed commercial nuclear power plant. The scenario-driven classroom exercises will focus on the participants' organization Post-Plume (Intermediate) Phase plans and implementation procedures for response activities related to Relocation, Reentry, Return using EPA Protective Action Guidelines and the Ingestion Exposure Pathway protective actions following FDA guidelines.

Target Audience: Emergency Managers and Planners from Offsite Response Organizations with responsibilities within the entire 50-mile Emergency Planning Zone and Radiological Emergency Preparedness Program Staff responsible for reviewing State and County plans and procedures. (Other beneficial parties: personnel from supporting agencies involved in response to a NRC-licensed Commercial Nuclear Power Plant incident.)

Required Textbook(s): Handouts will be provided

Required Equipment: Computer with audio/video capability and internet access

Cost: Free to all responders

DOH Con-ed Credits: 13 hours



Location

**Lehigh Carbon Community College
Community Services Center Room 106**

Address

**4525 Education Park Dr
Schnecksville PA 18078**

Course Dates & Times

November 13th & 14th 2024 0830-1500

Course Registration Deadline

November 12th 2024

Prerequisites

**MGT-445 REP Plume Plan Review Course (RPPR) OR
AWR-352 REP Planning Core Concepts (RPCC)**

Registration Information

Registration is **required** through the **PA Train website**. Register for this course by visiting the following link

Please **[CLICK HERE]** to register, or visit <https://www.train.org/pa/course/1078444/live-event>

FEMA S.I.D. REQUIRED. Register for your FEMA Student Identification Number by visiting <https://cdp.dhs.gov/femasid>

For more information regarding this course, please contact the following:

Course Contact Person

Joseph Light

Course Contact Phone #

(610) 762-4603

Course Contact Email Address

josephlight@lehighcounty.org



FEMA

National Preparedness Directorate
Technological Hazards Division
Radiological Emergency Preparedness (REP) Program



- Course:** MGT-453 REP Post-Plume Planning Course (RPPP)
- Promo Code:** 25N-0099 RPPP
- Host:** FEMA Region III
For additional information regarding the course please contact: Joseph.Suders@fema.dhs.gov
- Dates:** Wednesday, November 13 through Thursday, November 14, 2024
- Course Time (CST):** Wednesday and Thursday 8:00 a.m. to 5:00 p.m.
- Registration:** Click "Apply Now" button or follow registration process found on following page.
- Certificates:** Students may use the link below to access their student portal. The certificate will be located under the "My Past Training" tab. <https://cdp.dhs.gov/students>
- Course Location:** **Lehigh Carbon Community College (Rm CSC 106)**
4525 Education Park Drive
Schnecksville, PA 18078
- Target Audience:** Federal, State, Tribal, Utility, and Local Emergency Management
- Prerequisites:** AWR-923-W [REM](#), AWR-351 [RPPA](#), AWR-352 [RPCC](#), and AWR-928-W [NRIA](#)

Course Information:

This course focuses on the review of offsite response organizations' radiological emergency preparedness (REP) plans and implementation procedures utilizing the 16 planning standards (from 44 CFR Part 350 and 10 CFR § 50.47) and associated evaluation criteria (from NUREG-0654/FEMA-REP-1, Rev.2) which address protecting the health and safety of the public when responding during the post-plume phase of a radiological emergency at an NRC-licensed commercial nuclear power plant. The scenario-driven classroom exercises will focus on the participants' organization Post-Plume (Intermediate) Phase plans and implementation procedures for response activities related to Relocation, Reentry, Return using EPA Protective Action Guidelines and the Ingestion Exposure Pathway protective actions following FDA guidelines.

***Required:** Each participant should bring a copy of their jurisdiction's REP plan and list of implementation procedures (pertaining to RRR & Ingestion Pathway planning) for use during the classroom exercises, to include your plan's NUREG-0654 cross-reference. (Electronic or otherwise)

The RPPP participant course materials are available online (FEMA's Preparedness ToolKit (PTK) / REPP Training Community). Links found on the following pages.

** If you would like to request a printed copy of the [2023 REP Program Manual](#) or [Post-Plume Reference Booklet](#) prior to the class, please complete and submit the online [Order Form](#)*

Register with FEMA /Center for Domestic Preparedness (CDP)

REP Post-Plume Planning Course (RPPP) will be offered November 13-14, 2024.

To apply for this class, follow the instructions below:

1. Have your FEMA SID number and password. You must have a FEMA SID number before you can apply for the class.
 - If you need a FEMA SID number, go to [FEMA Student Identification System](#) and click "Register for a FEMA SID" or click "Forgot FEMA SID?" if you have forgotten your FEMA SID.
 - Registering for a FEMA SID **does not** register you for this class. You must apply for the class separately.
2. Click this link to apply for the class: [Click Here to Apply](#).
 - Enter your FEMA SID and password.
 - A CDP Training Registration System (TRS) application for **25N-0099 RPPP** will open.
 - Complete the required fields.
 - Click the "Review and Submit Application Now" button.
 - Complete the application process by clicking the affirmation checkbox and providing your digital signature by entering your name and FEMA SID password.

(If you have trouble with the link, go to [CDP Student Portal](#) and enter 25N-0099 RPPP in the "Have a Promo Code?" box. You must enter the promo code exactly as it appears here to successfully apply).

3. If you encounter any errors, please do not attempt to bypass or skip through them. Please document the error with as many details as possible and/or screen shots (print screen) and submit to FEMASIDHELP@cdpemail.dhs.gov so the error can be documented and addressed by the development team. Once the error has been reported, then proceed.

FEMA Preparedness ToolKit
REPP Training Community

Quick Guide to Useful Documents

Folder: MGT-453 REP Post-Plume Planning Course (RPPP)

| Documents : | RPPP Handout(s) Folder : |
|--|--|
| <ul style="list-style-type: none"> ▪ Post-Plume Reference Booklet ▪ FEMA-REP-1, Rev.2 Cross-Reference Generator.xlsx ▪ FEMA REP Program Manual (RPM) (Dec2023).pdf ▪ FEMA REP Program Manual (RPM) (Dec2019).pdf ▪ RPPP Participant Manual (PM).pdf | <ul style="list-style-type: none"> ▪ REP Response Plan Review Methodology Job-Aid |
| | RPPP Visual Folder : |
| | <ul style="list-style-type: none"> ▪ 1.0 RPPP Introduction.pptx ▪ 2.0 RPPP Summary Review of NUREG-0654 Planning Standard "P" & Plan Review Methodology.pptx ▪ 3.0 RPPP Radiological Incident Phases.pptx ▪ 4.0 RPPP Post-Plume (Intermediate) Phase – Common Incident Response Capabilities.pptx ▪ 5.1 RPPP Exposure Interventions - Planning Consideration for Relocation.pptx ▪ 5.2 RPPP Exposure Interventions - Planning Consideration for Reentry.pptx ▪ 5.3 RPPP Exposure Interventions - Planning Consideration for Return.pptx ▪ 6.0 RPPP Ingestion Interventions - Planning Considerations for Ingestion Exposure Pathway.pptx ▪ 7.0 RPPP Recovery (Late) Phase.pptx ▪ 8.0 RPPP Summary Review of NUREG-0654 PS-N.pptx ▪ 9.0 RPPP Course Summary & Post-Test.pptx |
| | RPPP References Folder : |
| | <ul style="list-style-type: none"> ▪ EPA PAG Manual (2017).pdf ▪ FDA PAG Manual (1998).pdf ▪ Nuc-Rad Incident Annex (2016).pdf ▪ FRMAC Assessment Manual Vol 1 [2017].pdf ▪ FRMAC Assessment Manual Vol 2 [2010].pdf ▪ FRMAC Monitor Sample Vol 2 [2012].pdf ▪ FRMAC Operations Manual [2010].pdf ▪ FRMAC Radiological Emergency Response H&S Manual [2001].pdf ▪ REP Program Manual (RPM) (Jan2016).pdf |

**MGT-453 Radiological Emergency Preparedness (REP)
Post-Plume Planning Course (RPPP)
AGENDA**

This course focuses on the review of offsite response organizations' radiological emergency preparedness (REP) plans and implementation procedures utilizing the 16 planning standards (from 44 CFR Part 350 and 10 CFR § 50.47) and associated evaluation criteria (from NUREG-0654 FEMA-REP-1, Rev.2) which address protecting the health and safety of the public when responding during the post-plume phase of a radiological emergency at an NRC-licensed commercial nuclear power plant. The scenario-driven classroom exercises will focus on the participants' organization Post-Plume (Intermediate) Phase plans and implementation procedures for response activities related to Relocation, Reentry, Return, Reoccupancy, (exposure interventions) using EPA Protective Action Guidelines and the Ingestion Exposure Pathway protective actions (food interventions) following FDA guidelines.

- Module 1.0 Introductions & Course Overview

- Module 2.0 Summary Review of NUREG-0654 Planning Standard "P" - Planning and "M" -
Recovery and Reentry Planning and Post-Accident Operations

- Module 3.0 Radiological Incident Phases

- Module 4.0 Post-Plume (Intermediate) Phase – Common Incident Response Capabilities

- Module 5.1 People Interventions - Planning Considerations for Relocation

- Module 5.2 People Interventions - Planning Considerations for Reentry

- Module 5.3 People Interventions - Planning Considerations for Return

- Module 6.0 Ingestion Interventions – Planning Considerations for Ingestion Exposure Pathway

- Module 7.0 Overview of Recovery (Late) Phase and Planning Considerations for Reoccupancy

- Module 8.0 Summary Review of NUREG-0654 Planning Standard "N" – Exercises and Drills

- Module 9.0 Course Summary, Post-Test and End-of-Course Evaluation