

M Emergency Preparedness Training

The requirement for Emergency Preparedness Training is established in Code of Federal Regulations Title 10, Part 50, Appendix E, Training. This is supported by U.S. Nuclear Regulatory Commission document NUREG-0654/[FEMA-REP-1, Rev. 1](#) ~~Federal Emergency Management Agency Report 1~~, Criteria for Preparation and Evaluation of Radiological Emergency Response Plans and Preparedness in Support of Nuclear Power Plants, Section O, Radiological Emergency Response Training.

This section of the Plan describes the Emergency Preparedness Training Program for onsite and offsite emergency response personnel to maintain a state of emergency preparedness at the South Texas Project Electric Generating Station.

M.1 Emergency Plan Training Objectives

The requirement for Emergency Response training at the Station is described in OPGP03-ZT-0139, Emergency Preparedness Training Program.

M.1.1 Emergency Preparedness Training Program

The Emergency Preparedness Training Program will occur in two phases, plus the Drill and Exercise Program. The two phases are:

- Emergency Preparedness Initial Training and, when applicable, specialized training
- Annual re-training

M.1.2 Emergency Preparedness Training Program Objectives

This two phase plan will provide Station personnel involved in the Station Emergency Response Organization with the necessary training required for successful completion of their assigned tasks during declared events, drills, and exercises, and provide the members of the Station Emergency Response Organization with the expertise required to maintain a high degree of emergency readiness. Objectives of the Emergency Preparedness Training Program are as follows:

- Familiarize applicable personnel with the scope, applicability, and implementation of the Plan and the Emergency Plan Procedures.
- Describe the general duties and responsibilities assigned to the personnel under this Plan.
- Keep personnel informed of any changes in the Plan and/or the Emergency Plan Procedures.
- Maintain proficiency of emergency preparedness at all levels.

M.1.3 Emergency Preparedness Training Program Content

To meet these objectives, the Emergency Preparedness Training Program will include, but is not limited to the following:

- *General content of the Plan and procedures*
- *Location of emergency equipment and supplies*
- *Names, locations, and functions of the emergency response facilities*
- *Use of Station communication systems*
- *Personnel accountability, assembly, and evacuation*

M.2 Overall Responsibility - Emergency Plan Training

The overall responsibility for assignment of Emergency Preparedness Training lies with the Supervisor, Emergency Response as described in approved Plant Procedures.

M.2.1 Emergency Response Facility Managers

Each Emergency Response Facility Manager is responsible to ensure the personnel within their facility receive the training required to attend their duties in the Station Emergency Response Organization. Personnel assigned Station Emergency Response Organization duties are responsible to become familiar with their emergency response duties and responsibilities.

M.2.2 Emergency Response Organization Personnel

All Station Emergency Response Organization personnel are not required to have the in-depth training that is required of those personnel who will be in a management position during a declared event. However, cross-training is allowed.

M.2.3 Annual Retraining

Annually, Station personnel shall re-qualify for their position. The requalification may be accomplished by either classroom instruction or through the drill and exercise program by being a participant, mentor, coach, evaluator, or controller, but not as an observer. Multiple assignees to a given key Emergency Response Organization position may receive credit for the same drill if their participation is a meaningful and thorough opportunity to gain proficiency in the assigned position.

M.2.4 Computer Based Training

Computer Based Training (CBT) is an acceptable equivalent method for classroom refresher training.

M.2.5 New Personnel Training

New personnel assigned to the Station shall attend applicable Emergency Plan Training prior to assuming any Emergency Response Organization position.

M.3 Emergency Plan Training

Emergency Plan Training shall consist of in-depth knowledge in those areas where Emergency Response Organization personnel have specific duties and responsibilities in implementing the Emergency Plan. The training that each member of the Emergency Response Organization is required to have is provided in approved Plant Procedures. As a minimum, all Station Emergency Response Organization personnel shall receive Emergency Preparedness Initial training.

M.3.1 Emergency Plan Training is developed as a joint effort between the Nuclear Training Department and the Emergency Response Division.

M.3.2 Emergency Plan Training Program lesson plans are developed using applicable guidance from the systematic approach to training process.

M.3.3 Formal training shall be subject to verification by examination. Examinations are derived from approved examination questions using the terminal and enabling objectives identified in the lesson plans.

M.4 Specialized Emergency Plan Training Content

M.4.1 Specialized training shall be conducted to cover the following topics:

- *Offsite Dose Calculations*
- *Emergency Communications*
- *ICS/ERFDADS/PICS Operation*
- *Offsite Field Teams*
- *Emergency Medical Care*

M.5 Non-Emergency Response Organization Personnel Emergency Plan Familiarization

Station personnel not assigned Station Emergency Response Organization duties (non-essential personnel) shall be trained to respond to emergency alarms.

M.6 Specialized Training Methods

Training for Station Emergency Response Organization personnel shall include formalized classroom training, examinations, or involvement in the Drill and Exercise Program. It is the intent of this training program to qualify Station Emergency Response Organization personnel in the requirements of the Station Emergency Plan and Procedures. Training is accomplished by two means of instruction.

M.6.1 Classroom instruction including, if applicable, successful completion of a written examination.

M.6.2 Demonstration of practical applications and drill participation with on-the-spot error correction where appropriate.

M.7 Emergency Medical Teams

At least one member of an Emergency Medical Team shall, as a minimum, have training equivalent to Red Cross Standard First Aid techniques.

M.8 Offsite Training

Training for hospital personnel, ambulance/rescue, police and fire departments shall include the procedures for notification, basic radiation protection, and their expected roles. For those local services support organizations who will enter the site, training shall also include site access procedures and the identity (by position and title) of the individual in the onsite emergency organization who will control the organizations support activities. Annual retraining shall be offered and/or conducted, as required, for these agencies.