

Activity: Drills/Exercises

1.0 Purpose: This guideline provides a method to evaluate emergency preparedness drills and exercises.

2.0 Scope: This guideline has been developed for the reviewing and evaluating of the activities associated with drills and exercises conducted to demonstrate the emergency preparedness program.

3.0 References:

- 3.1 10CFR50, Appendix E, "Emergency Planning and Preparedness for Production and Utilization Facilities"
- 3.2 10CFR50.47, "Emergency Plans"
- 3.3 10CFR50.54(Q),(R) and (T), "Conditions of Licenses"
- 3.4 NUREG-0654, "Criteria for Preparation and Evaluation of Radiological Emergency Response Plans and Preparedness in Support of Nuclear Power Plants"
- 3.5 INPO Good Practice EP-806, "Emergency Response Exercise Guide"
- 3.6 NRC Inspection and Enforcement Manual, Chapter 82301, "Evaluation of Exercises"

4.0 Guidelines:

4.1 In preparation for and during the conduct of this surveillance:

- E Obtain and review implementing procedures, instructions and drawings governing this activity.
- E Prepare a guide or checklist using the selected items from this guideline.
- E Review past surveys, audits, surveillances and other evaluations/ assessments.
- E Ensure that checklists include, where applicable, actual observations of performance, general plant conditions, radiological work practices, housekeeping, work document controls and use, and safety practices.

NOTE: Refer to Guideline A.1, "General Quality Surveillance Guidance," for specific details on the attributes listed above.

4.2 Using controlled plant procedures, prepare a checklist which delineates the relevant requirements to be examined to evaluate program implementation. As a minimum the checklist should take into account:

- A. Emergency detection - have all available applicable parameters been checked?
- B. Has the proper classification of the emergency been assessed for the indicated condition?
- C. Have the required notifications been given (State, Local, NRC, etc.)?
- D. Has the Technical Support, Operational Support Emergency Operations Facility, and Corporate Command Center been activated and staffed as required? Have security measures been established if required?

- E. Have communications been established between the organizations noted in "D" above?
- F. Is emergency equipment/personal protection gear available, adequate and used when necessary?
- G. Do the offsite monitoring teams perform as required by the drill scenario and emergency plan procedures?
- H. Does the corrective actions/rescue team(s) perform as required by the drill scenario and emergency plan procedures?
- I. If a site evacuation is required was personnel accountability achieved as required?
- J. Does the medical team respond to personal injury as required? If the victim is contaminated are proper radiological controls in place and adhered to?
- K. Is post-accident sampling performed as required? Are the radiological controls for handling the samples adequate?
- L. Do operations personnel handle the accident as required by emergency operating procedures?
- M. For items that have been simulated, was a realistic approach utilized?
- N. After recovery is the drill terminated as required or was termination premature?

5.0 Other Guidelines for Consideration:

5.1 A.1, "General Quality Surveillance Guidance"