

**Activity:                      Fire Drills**

1.0    Purpose:            This guideline provides a method to evaluate the process of conducting fire drills.

2.0    Scope: This guideline has been developed for the review and evaluation of fire drills.

3.0    References:

3.1    Site specific Fire Protection Plan (FSAR)

3.2    Site specific Technical Specifications

3.3    10CFR50, Appendix R, "Fire Protection Program for Nuclear Power Facilities Operating  
Prior to January 1, 1979"

3.4    NRC Inspection and Enforcement Manual, Chapter 64704, "Fire Protection/Prevention  
Program"

4.0    Guidelines:

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

Obtain and review implementing procedures, instructions and drawings governing  
this activity.

Prepare a guide or checklist using the selected items from this guideline.

Review past surveys, audits, surveillances and other evaluations/ assessments.

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 Obtain and review the procedures which implement the Fire Protection Programs.

4.3 Identify the relevant requirements to be examined using controlled plant procedures to evaluate program implementation. As a minimum, the requirements should take into account:

- A. Is the drill to be observed preplanned using the individual site's prefire plan as a guide?
- B. Is the drill to be observed different in areas and type of fire than the previous drill?
- C. Is the drill structured so that the fire brigade can practice as a team?
- D. Is the fire brigade staffed as required by the site specific Technical Specifications and/or 10CFR50, Appendix R?

4.4 Observe that the fire drill, as a minimum, meets the following:

- A. Is the fire alarm effective?
- B. Is the time required to notify and assemble the fire brigade adequate?
- C. Is equipment selected, placed and used as required?
- D. Is each fire brigade member knowledgeable of their role and of fire fighting strategy and procedures?
- E. Is each fire brigade member able to use fire fighting and emergency equipment as required?

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- F. Is the fire brigade leader able to direct the firefighting effort in a manner that is thorough, accurate and effective?
- G. Is the critique after the drill effective? Have individual members performance been assessed?
- H. If problems were encountered is additional training or repeat drills specified?

5.0 Other Guidelines for Consideration:

5.1 A.1, "General Quality Surveillance Guidance"