

ES&H RESPONSIBILITIES

DATE: 10/29/2008

SUBJECT: FIRE PROTECTION

1. PURPOSE. This document addresses responsibility and accountability and provides administrative guidance to the Oak Ridge Office (ORO).
2. APPLICABILITY. The provisions of this document apply to ORO Principal Staff.
3. RESPONSIBILITIES.
 - a. Manager, ORO.
 - (1) Fulfills the role and responsibilities for the Authority Having Jurisdiction (AHJ) for matters involving fire protection as defined by the National Fire Protection Association (NFPA) codes and standards unless otherwise delegated.
 - (2) Submit recommendation for approval of contractor's exemption requests to Department of Energy (DOE) Headquarters (HQ).
 - b. Assistant Manager for Environment, Safety, and Health.
 - (1) Disseminates requirements, incidents, lessons learned, and applicable information generated by DOE HQ, other agencies, organizations, and facilities among ORO line organizations.
 - (2) Provides ORO fire protection engineering support to the ORO line organizations for fire protection matters, as requested by ORO line management.
 - c. Assistant Manager for Environmental Management; Assistant Manager for Science; Assistant Manager for Nuclear Fuel Supply; and Assistant Manager for Administration.
 - (1) Ensure that comprehensive assessments of the contractors' fire protection programs are conducted every 3 years.
 - (2) Ensure that contractors' fire department baseline needs assessments are reviewed and approved at least every 3 years.
 - (3) Submit contractor requests for exemptions and equivalencies to required Directives, codes, and standards to the Manager, ORO, for review and concurrence or approval, as appropriate.
 - d. Director, Safety and Health Division.
 - (1) Provides fire protection subject matter expert support to the ORO line organizations for assessment, general technical support, review of proposed equivalencies and variances, and review of contractual provisions, as requested.
 - (2) Schedules and performs ORO Fire Protection Program self-assessments every 3 years.

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- e. Fire Protection Engineer, ORO.
 - (1) Recommends the approval or rejection of contractor exemption requests related to noncompliant fire protection and life safety related configurations that are determined to be in direct violation of a national standard, code, or DOE requirements.
 - (2) Recommends approval or rejection of equivalency requests related to configurations for fire protection and life safety conditions that are determined to provide an acceptable level of protection, safety, and/or an equivalent level of performance of required systems, methods, or devices.
 - (3) Support assessments of contractors' fire protection programs, as requested by ORO line management.

4. REFERENCES.

- a. Title 29, Code of Federal Regulations, Part 1910.165, EMPLOYEE ALARMS SYSTEMS, Paragraph (d)(2).
- b. DOE O 231.1A, Change 1, ENVIRONMENTAL, SAFETY AND HEALTH REPORTING, dated June 3, 2004.
- c. DOE M 231.1-1A, Change 2, ENVIRONMENT, SAFETY AND HEALTH REPORTING MANUAL, dated March 19, 2004.
- d. DOE O 440.1B, WORKER PROTECTION FOR DOE (INCLUDING NATIONAL NUCLEAR SECURITY ADMINISTRATION) FEDERAL EMPLOYEES, dated May 17, 2007.
- e. DOE G 440.1-5, IMPLEMENTATION GUIDE FOR USE WITH DOE ORDERS 420.1 AND 440.1, FIRE SAFETY PROGRAM, dated September 30, 1995.
- f. DOE G 450.1-4, IMPLEMENTATION GUIDE, WILDLAND FIRE MANAGEMENT PROGRAM FOR USE WITH DOE O 450.1, *ENVIRONMENTAL PROTECTION PROGRAM*, dated February 11, 2004.
- g. DOE-STD-1066-99, FIRE PROTECTION DESIGN CRITERIA, dated July 1999.
- h. DOE-HDBK-1081-94, PRIMER ON SPONTANEOUS HEATING AND PYROPHORICITY, dated December 1994, Reaffirmed with memorandum January 2001.
- i. DOE-STD-1088-95, FIRE PROTECTION FOR RELOCATABLE STRUCTURES, dated June 1995, Reaffirmed with memorandum June 2000.
- j. DOE-STD-1137-2000, FIRE PROTECTION ENGINEERING FUNCTIONAL AREA QUALIFICATION STANDARD, dated July 2000.

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- k. DOE HQ Memorandum, Joseph E. Fitzgerald, Jr., to John D. Rothrock, SE-30 “Equivalency Request – Inspection, Testing, and Maintenance of Fire Protection and Fire Alarm Systems,” dated June 8, 1994.
- l. ORO Memorandum, Gerald G. Boyd, M-1, to Dan Wilken, AD-40; George Malosh, LM-10; Larry Clark, AU-60; Stephen McCracken, EM-90; and Dale Jackson, NU-50, “Oak Ridge Operations Policy Statement Regarding Protective Clothing Requirements During Hot Work Operations,” dated August 21, 2003.
- m. National Fire Protection Association (NFPA) Codes and Standards, including:
 - NFPA 25 (2002 Edition), STANDARD FOR THE INSPECTION, TESTING, AND MAINTENANCE OF WATER-BASED FIRE PROTECTION SYSTEMS

5. DEFINITIONS.

- a. **AUTHORITY HAVING JURISDICTION.** Except as noted, decision making authority in the matters concerning fire protection rests with the manager of the DOE Field Office or designee.
- b. **EQUIVALENCY.** An approved alternative means of satisfying the technical provisions of an applicable code or standard.
- c. **EXEMPTION.** An approved deviation from a Directive, a nonstatutory code, or a standard.