

U.S. Department of Energy

Oak Ridge Operations

ORO O 420 Chapter VII

DATE: 9-30-96

SUBJECT: TECHNICAL SAFETY REQUIREMENTS

1. PURPOSE. This Chapter correlates to DOE O 423.1 (formerly DOE 5480.22), TECHNICAL SAFETY REQUIREMENTS, dated February 25, 1992, which has now been renumbered in accordance with the new DOE Order Numbering System, as published in DOE M 251.1-1, Change 1, dated December 12, 1995. Nothing within the DOE Order has been changed at this point, but if a new DOE Order is published, it will be numbered in this manner. Until that time, the new number is assigned to the previous DOE Order. This new ORO Order assigns responsibility and accountability and provides administrative and/or contractual guidance to Oak Ridge Operations (ORO) and its contractors. Nothing in this issuance changes any requirements contained in any DOE Order.
2. CANCELLATION. This Chapter cancels and replaces ORIG 5480.22B, TECHNICAL SAFETY REQUIREMENTS, dated February 28, 1994.
3. APPLICABILITY. This Chapter applies to ORO Principal Staff, management and operating (M&O) contractors, and other covered contractors responsible for the design, operation, decontamination, or decommissioning of ORO nuclear facilities.
4. RESPONSIBILITIES.
 - a. Manager approves Technical Safety Requirements (TSR) if so delegated by the cognizant Secretarial Officer (CSO) where redelegation to subordinate levels of ORO is not authorized.
 - b. Assistant Managers approve TSR where redelegation to subordinate levels of ORO is authorized and/or approved by the CSO and formally documented by the Manager.
 - c. Director, Nuclear Safety Division (NSD), upon request, provides technical advice and review assistance to Contracting Officers' Representatives (COR). Prepares review documentation in accordance with NSD procedures.
 - d. Principal Staff, under whose supervision procurement requests are initiated, perform those tasks identified in DOE O 423.1, subparagraph 8b(5)(a).
 - e. Contracting Officers' Representatives.
 - (1) Perform those tasks identified in DOE O 423.1, subparagraphs 8b(1)-(4).
 - (2) Approve TSR where redelegation to subordinate levels of ORO is authorized and/or approved by the CSO and formally documented by the Manager.
 - (3) As needed, request technical advice and assistance from NSD on the review of TSR. Negotiate response time with the Director or his/her designated representative.
5. REQUIREMENTS AND PROCEDURES. None.

DISTRIBUTION: ORO, OSTI, AND CONTRACTORS

INITIATED BY: NUCLEAR SAFETY DIVISION

6. REFERENCES.

- a. ORO O 420, CHAPTER V, DELEGATION OF APPROVAL AUTHORITY FOR DOE 5480.21, 5480.22, 5480.23, AND 5481.1B, to be published.
- b. DOE-STD-1082-94, PREPARATION, REVIEW, AND APPROVAL OF IMPLEMENTATION PLANS FOR NUCLEAR SAFETY REQUIREMENTS, dated October 1994.
- c. DOE-STD-3011-94, GUIDANCE FOR PREPARATION OF DOE 5480.22 (TSR) AND DOE 5480.23 (SAR) IMPLEMENTATION PLANS, dated November 1994.
- d. DOE-EM-STD-5502-94, HAZARD BASELINE DOCUMENTATION, dated August 1994.
- e. DOE/OR-901, GUIDANCE FOR PREPARATION OF SAFETY ANALYSIS REPORTS FOR NONREACTOR FACILITIES AND OPERATIONS, Revision 2, dated November 1992.

7. DEFINITIONS. None.

8. CONTRACTOR REQUIREMENTS DOCUMENT. See Contractor Requirements Document, Attachment 1 of this Chapter.

9. ATTACHMENTS.

Attachment 1 - Contractor Requirements Document.

CONTRACTOR REQUIREMENTS DOCUMENT

Contractors that are identified in paragraph 3 of this Chapter shall accomplish the following:

1. Prepare TSR consistent with DOE O 423.1, paragraph 9 and Attachment 1, or the requirements of this Chapter or DOE 5480.22 as listed in the Work Smart Standards documents.
2. Submit TSR and changes thereto to the cognizant COR. If directed by the COR, provide copies of TSR to other DOE organizations.
3. Ensure subcontractors are aware of TSR that may be affected by subcontractor work orders or other activities.

NOTE: See ORO O 420, Chapter V, Attachment 1, for additional responsibilities delegated to contractors.