

DIRECTIVES CONTROL FORM - ORO O FINAL DIRECTIVE

PART A (To be completed by the Division of Primary Interest (DPI))

1. **NUMBER AND TITLE OF DIRECTIVE:** **ORO O 420, Chapter VII, Chg. 2, TECHNICAL SAFETY REQUIREMENTS**
2. **PURPOSE OF TRANSMITTAL:** New Directive Revised Directive Page Change
3. **THIS DOCUMENT MAY AFFECT THE WORK PERFORMED BY THE FOLLOWING CONTRACTORS:** (Check appropriate boxes)
- No (all contractors)
- Yes If yes, whom? LMES LMER ORAU SURA
- Bechtel Jacobs Company
- Other contractors (list by type)

Many ORO contractors have approved S/RIDs or WSS sets that may affect applicability of contractor requirements from this directive. Applicability of contractor requirements must take into account the approved standards set for each particular contract.

4. **SIGNIFICANT PROVISIONS:** Are there any significant changes or impact?
- No Yes If yes, describe: This ORO Chapter is part of the ORO sunset review process. Changes to this Chapter include minor editorial revisions to thoroughly integrate correct references to the correlating DOE Order (DOE 5480.22) and to update the ORO and DOE Directives referenced in subparagraphs 6a, e and f.
5. **CONTACT POINT:** Mike Arendale Nuclear Safety Division, SE-33 576-9918
Name Organization Telephone

PART B (To be completed by the Directives Management Group (DMG)):

6. **FILING INSTRUCTIONS:**
- | <u>Remove</u> | <u>Dated</u> | <u>Insert</u> | <u>Dated</u> |
|--|--------------|--|--------------------------|
| ORO O 420, Chapter VII,
Chg. 1, Pages VII-1 through VII-3 | 03/31/1998 | ORO O Control Form
ORO O 420, Chapter VII,
Chg. 2, Pages VII-1 through VII-3 | 02/25/1999
02/25/1999 |

*ORO Orders are available on the ORO Directives Management Home Page
[http://www.ornl.gov/doe_oro_dmg/orchklst.htm] within 5-10 working days after receipt of this Control Form.
The ORO Orders will no longer be mailed in printed copy unless you do not have Internet capabilities.*

7. **APPROVED FOR DISTRIBUTION IN ACCORDANCE WITH THE OFFICIAL DIRECTIVES DISTRIBUTION LIST:**

Original signed by

Jennifer H. Cusick, AD-440
Signature Management Analyst, AD-440

02/25/1999
Date

INSTRUCTIONS TO ADDRESSEES: THIS FORM IS TO BE FILED WITH THE DIRECTIVE AND RETAINED
Rev. 08/04/1998

U.S. Department of Energy

Oak Ridge Operations

ORO O 420 Chapter VII Change 2

DATE: 02/25/1999

SUBJECT: TECHNICAL SAFETY REQUIREMENTS

1. PURPOSE. This Chapter correlates to DOE 5480.22, TECHNICAL SAFETY REQUIREMENTS, dated February 25, 1992. This 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 ORO O 420, Chapter VII, Chg. 1, TECHNICAL SAFETY REQUIREMENTS, dated March 31, 1998.
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, to the extent set forth in their contract.
4. RESPONSIBILITIES. Many ORO contractors have developed Standards/Requirements Identification Documents (S/RIDs) or Work Smart Standards (WSS) sets that may not include requirements referenced or included in DOE 5480.22 or this Chapter. Interpretation and performance of Federal responsibilities outlined below must take into account the approved standards set for each particular contract and must not be deemed to add any requirements to the approved set.
 - 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 Officer's 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 Officer's Representatives.
 - (1) Perform those tasks identified in DOE 5480.22, 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.

6. REFERENCES.

- a. ORO O 420, CHAPTER V, DELEGATION OF APPROVAL AUTHORITY FOR DOE 5480.21, 5480.22, 5480.23, AND 5481.1B, dated September 30, 1996, and any subsequent revisions.
- 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-STD-1104-96, REVIEW AND APPROVAL OF NONREACTOR NUCLEAR FACILITY SAFETY ANALYSIS REPORTS, dated February 199.
- f. DOE-STD-3009-94, PREPARATION GUIDE FOR U.S. DOE NONREACTOR NUCLEAR FACILITY SAFETY ANALYSIS REPORTS, dated July 1994.

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 identified in paragraph 3 of this Chapter will accomplish the following, to the extent set forth in their contract:

1. Prepare TSR consistent with DOE 5480.22, 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.