

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 III, Change 1, SAFETY OF ACCELERATOR FACILITIES**

2. **PURPOSE OF TRANSMITTAL:** New Directive Revised Directive Page Change

3. **CONTRACTOR REQUIREMENTS:** Does directive contain requirements applicable to contractor(s)?
Check appropriate boxes:

 No (all contractors)

 Yes If yes, whom? LMES LMER ORAU 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. **SUMMARY OF SIGNIFICANT PROVISIONS OR CHANGES:** Revises paragraph 4 to modify the language to acknowledge that the subject matter of this Chapter (not any specific requirements from this Chapter) may be covered under one or more WSS sets or S/RIDs.

5. CONTACT POINT: <u>Mike Boyd</u>	<u>Nuclear Safety Division, SE-33</u>	<u>576-0821</u>
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 III Page III-1	09-30-96	ORO O Control Form ORO O 420, Chapter III, Chg. 1 Pages III-1 and III-1a	03-31-98 03-31-98

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[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

03/31/1998

Signature Management Analyst, AD-440

Date

U.S. Department of Energy

Oak Ridge Operations

ORO O 420 Chapter III Chg. 1

DATE: 03-31-98

SUBJECT: SAFETY OF ACCELERATOR FACILITIES

1. PURPOSE This Chapter correlates to DOE 5480.25, SAFETY OF ACCELERATOR FACILITIES, dated November 3, 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 ORIG 5480.25A, SAFETY OF ACCELERATOR FACILITIES, dated December 10, 1993.
3. APPLICABILITY. The provisions of this Chapter apply to ORO Principal Staff and management and operating contractors.
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 5480.25 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. Director, Operations Division.
 - (1) Provides guidance and technical assistance to the Contracting Officers' Representatives in their performance of tasks as described in subparagraph 4b of this Chapter.
 - (2) Provides independent review of contractor operation of accelerator facilities and safety documentation submitted to ORO, and transmits findings to the appropriate ORO line organization.
 - b. Contracting Officer's Representatives.
 - (1) Perform those tasks identified in DOE 5480.25, subparagraph 7b (except 7b(10)) and 11c.
 - (2) Review contractor hazard class determination evaluations and transmit them to the Cognizant Secretarial Officer for designation of the hazard class for the accelerator facility.
 - c. Principal Staff, who initiate a procurement request, shall perform those tasks identified in DOE 5480.25, subparagraph 7b(10), except where a Headquarters Program Office has directed an alternate approach.

5. REQUIREMENTS AND PROCEDURES. See Attachments 2-4 of this Chapter.
6. REFERENCES. None.

7. DEFINITIONS. None.
8. CONTRACTOR REQUIREMENTS DOCUMENT. See Contractor Requirements Document, Attachment 1 of this Chapter.
9. ATTACHMENTS.
 - a. Attachment 1 - Contractor Requirements Document.
 - b. Attachment 2 - "GUIDANCE FOR AN ACCELERATOR FACILITY SAFETY PROGRAM," dated September 1, 1993.
 - c. Attachment 3 - "GUIDANCE ON CONTENT OF IMPLEMENTATION PLANS FOR DOE 5480.25, SAFETY OF ACCELERATOR FACILITIES," dated September 1, 1993.
 - d. Attachment 4 - "BACKGROUND [BASES AND RATIONALE] FOR DOE 5480.25, SAFETY OF ACCELERATOR FACILITIES," dated September 1, 1993.

CONTRACTOR REQUIREMENTS DOCUMENT

Contractors that are identified in paragraph 3 of this Chapter shall establish and maintain programs for the design and operation of accelerator facilities that conform to:

1. Design and operation requirements stated in DOE O 420.2, paragraph 9.
2. Safety analysis requirements stated in DOE O 420.2, paragraph 10.
3. Risk acceptance process requirements stated in DOE O 420.2, paragraphs 11d and e.
4. Personnel training and qualification requirements stated in DOE O 420.2, paragraph 12.
5. Internal safety review system requirements stated in DOE O 420.2, paragraph 13.
6. Implementation requirements stated in DOE O 420.2, paragraph 14 (see Attachment 3 of this Chapter).