

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 440, Chapter III, Chg. 2, ENVIRONMENTAL PROTECTION, SAFETY, AND HEALTH PROTECTION STANDARDS**

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) Other contractors subject to the provisions of DEAR 970.5204.2 and DEAR 952.223-72 or other contractual provisions where ORO has elected to enforce ES&H protection regulations.

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 references to the correct correlating DOE Order (DOE 5480.4) and update the DOE Directive referenced in subparagraph 6a.

5. **CONTACT POINT:** Tim Joseph Technical Support Division, SE-32 576-1582
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 440, Chapter III, Chg. 1, Pages III-1 through III-5	03/31/1998	ORO O Control Form ORO O 440, Chapter III, Chg. 2, Pages III-1 through III-5	04/16/1999 04/16/1999

*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

04/16/1999
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 440 Chapter III Change 2

DATE: 04/16/1999

SUBJECT: ENVIRONMENTAL PROTECTION, SAFETY, AND HEALTH PROTECTION STANDARDS

1. PURPOSE. This Chapter correlates to DOE 5480.4, ENVIRONMENTAL PROTECTION, SAFETY, AND HEALTH PROTECTION STANDARDS, dated May 15, 1984, by assigning responsibility and accountability and providing administrative and/or contractual guidance to ORO and its contractors. Nothing in this issuance changes any requirements in any DOE Order.
2. CANCELLATION. This Chapter cancels and replaces ORO O 440, Chapter III, Chg. 1, ENVIRONMENTAL PROTECTION, SAFETY, AND HEALTH PROTECTION STANDARDS, dated March 31, 1998.
3. APPLICABILITY. The provisions of this Chapter apply to ORO Principal Staff and contractors subject to the provisions of DEAR 970.5204-2 and DEAR 952.223-72.
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 5480.4 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. Directors, Technical Support (TSD) and Operations Divisions (OD).
 - (1) Provide technical guidance and assistance, as requested, to the Contracting Officer's Representatives (COR) in their performance of tasks under DOE 5480.4 and this Chapter.
 - (2) Review contractor requests for exemptions from mandatory standards of DOE 5480.4 and submit them to the cognizant Secretarial Officer (CSO) for approval.
 - (3) Identify needs, in coordination with the COR, for new or revised environmental, safety, and health (ES&H) standards in accordance with the requirements of DOE 1300.2A and ORO O 250, Chapter III.
 - (4) Submit information copies of all requests to Federal or state agencies for exemptions from statutory requirements to the Assistant Secretary for Environment, Safety, and Health and appropriate CSO.
 - b. Contracting Officer's Representatives.
 - (1) Perform those tasks identified in DOE 5480.4, subparagraphs 8b(1) and (2).

- (2) Review, coordinate with, and forward to TSD or OD the requests for exemptions from the mandatory standards in accordance with the exemption procedures of DOE 5480.4. Copies of any exemption request must be sent to the Directives Management Group.
 - (3) Prescribe, as appropriate, additional and/or more stringent standards for individual facilities after appropriate consultation with TSD, OD, and the ORO Standards Co-Managers (see ORO O 250, Chapter III).
 - (4) Provide technical and management oversight of contractors, as requested, in accordance with statutory requirements and DOE Orders.
5. REQUIREMENTS AND PROCEDURES. None.
6. REFERENCES.
 - a. DOE 1300.2A, DEPARTMENT OF ENERGY TECHNICAL STANDARDS PROGRAM, dated May 19, 1992.
 - b. ORO O 250, Chapter III, OAK RIDGE OPERATIONS TECHNICAL STANDARDS PROGRAM, dated August 13, 1996, and any subsequent revisions.
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 - Additional Standards, which lists mandatory standards and nonmandatory guidance.

CONTRACTOR REQUIREMENTS DOCUMENT

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

1. Comply with all ES&H mandatory standards and use as a guideline all ES&H reference standards specified in DOE 5480.4 and this Chapter.
2. Generate new ES&H procedures, as necessary, to fully implement all mandatory requirements of DOE 5480.4 and this Chapter.
3. Follow procedures identified in DOE 5480.4, paragraph 5; Attachment 1, paragraph 3; or Attachment 2, paragraph 3, when requesting exemptions, variances, exceptions, interim orders, waivers, or deviations.

ADDITIONAL STANDARDS

1. Mandatory Standards (Statutory Requirements). The ES&H standards listed in DOE 5480.4, Attachment 1, are mandatory for those ORO direct operations and ORO contractors subject to this Chapter and are included by direct reference. In addition to the mandatory standards of DOE 5480.4, Attachment 1, the following standards are mandatory as a result of non-DOE Federal or state ES&H statutes and/or implementing requirements. These additional requirements are essential to safety and proper performance of the contractor functions and will be used in conducting ORO ES&H Programs, as appropriate:
 - a. Environmental Protection. All Environmental Protection Agency (EPA) regulations, state regulations, and local permit pretreatment use ordinances applicable to ORO. State regulations include state air, water, hazardous waste, and solid waste.
 - b. Occupational Health Protection.
 - (1) Radiation Protection. Applicable regulations of the Bureau of Radiological Health, Nuclear Regulatory Commission (NRC), and Agreements States concerning the possession, storage, use and disposal of radioisotopes, and ionizing radiation producing equipment that are not otherwise covered by DOE requirements/standards, such as the Radiological Control Manual.
 - (2) Industrial Hygiene and Industrial Safety. OSHA Standards 29 CFR 1910 and 29 CFR 1926. (For ORO sites where DOE does not exercise its statutory authority to enforce worker safety and health standards under the Atomic Energy Act, OSHA Standards are directly enforced by OSHA.)
2. Mandatory Standards (DOE Policy). The following standards are in addition to the ES&H standards listed in DOE 5480.4, Attachment 2, which are mandatory as a matter of DOE policy. ORO direct operations and ORO contractors subject to this Chapter will follow those standards.

Occupational Health Protection - Public Health and Sanitation

- a. Food.
 - (1) Food Service Sanitation Manual DHEW Publication No. 78-2081 (FDA).
 - (2) The Vending of Food and Beverages, USPHS Publication No. 546.
 - (3) Ohio Food Service Operation, Section 3732 (Ohio plants only; substantive requirements only).
 - (4) Kentucky Food Service Establishment Act & State Food Service Code (Kentucky plants only; substantive requirements only).

b. Water.

- (1) National Interim Primary Drinking Water Regulations, Publication No. EPA-570/9-76-003 (EPA).
- (2) Manual for Evaluating Public Drinking Water Supplies, Publication No. 1820 (EPA).
- (3) Manual of Individual Water Supply Systems, Publication No. 430 9/73-003 (EPA).
- (4) Quality Standards for Bottled Water (21 CFR 11).
- (5) Sanitary Standard for Manufactured Ice, USPHS 1183.
- (6) GSA Handbooks on Performance Standards for Cleaning Public Buildings (GSA).
- (7) The Safe Drinking Water Act, S/N 95-10.
- (8) Kentucky Public & Semipublic Water Supplies Regulations 401 KAR 6-015 (Kentucky plants only; substantive requirements only).
- (9) Tennessee Regulations on Water Quality Control, Chapter 1200-5-1 (Tennessee plants only; substantive requirements only).
- (10) Ohio Drinking Water Rules, EPA OAC-3745.81 (Ohio plants only; substantive requirements only).

c. Sanitation. Minimum Requirements for Sanitation in Places of Employment, ANSI Z4-1.

3. Guidelines. The ES&H standards and guidelines listed in DOE 5480.4, Attachment 3, are incorporated in this Chapter by direct reference. In addition, the following standards and guidelines are provided for reference and information:

Industrial Safety.

- a. DOE Hoisting and Rigging Manual.
- b. Accident Prevention Manual, National Safety Council.