

# 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 140, Chapter II, Chg. 2, SAFEGUARDS AGREEMENT WITH THE INTERNATIONAL ATOMIC ENERGY AGENCY (IAEA)**

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?  BWXT Y-12  UT-B  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 chapter is part of the ORO sunset review process. Revisions have been made throughout the chapter to reflect the establishment of the NNSA Y-12 Area Office and the relocation of the Materials Control and Accountability Team to the Office of Safeguards and Security. The previous subparagraphs 4a and b have been combined and subsequent subparagraphs renumbered as necessary. Revisions have also been made in subparagraph 6c, and in Attachment 1, paragraph 4.

5. **CONTACT POINT:** Harvey Heckman Office of Safeguards and Security, OS-20 576-2505  
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 140, Chapter II, Chg. 1, Pages II-1 through II-3	05/15/1998	ORO O Control Form ORO O 140, Chapter II, Chg. 2, Pages II-1 through II-3	01/26/2001 01/26/2001

*ORO Orders are available on the ORO Directives Management Home Page at [http://www.ornl.gov/doe\\_oro\\_dmg/orchklst.htm](http://www.ornl.gov/doe_oro_dmg/orchklst.htm). 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*

Kenneth W. Warden, AD-440  
Signature Management Analyst, AD-440

01/26/2001  
Date

**INSTRUCTIONS TO ADDRESSEES: THIS FORM IS TO BE FILED WITH THE DIRECTIVE AND RETAINED**

Rev. 10/12/2000

# U.S. Department of Energy

Oak Ridge Operations

ORO O 140 Chapter II Chg. 2
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**DATE: 01/26/2001**

**SUBJECT: SAFEGUARDS AGREEMENT WITH THE INTERNATIONAL ATOMIC ENERGY AGENCY  
(IAEA)**

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1. PURPOSE. This Chapter correlates to DOE 1270.2B, SAFEGUARDS AGREEMENT WITH THE INTERNATIONAL ATOMIC ENERGY AGENCY, dated June 23, 1992, by assigning responsibility and accountability and providing administrative and/or contractual guidance to Oak Ridge Operations (ORO) and the National Nuclear Security Administration Y-12 Area Office (YAO). Nothing in this issuance changes any requirements contained in any DOE Directive.
2. CANCELLATION. This Chapter cancels and replaces ORO O 140, Chapter II, Chg. 1, SAFEGUARDS AGREEMENT WITH THE INTERNATIONAL ATOMIC ENERGY AGENCY, dated May 15, 1998.
3. APPLICABILITY. The provisions of this Chapter apply to ORO and YAO Principal Staff and contractors and subcontractors at license-exempt facilities that possess any of the source and special nuclear materials identified in DOE M 474.1-1A, Table I-1 (page I-2).
4. RESPONSIBILITIES.
  - a. Director, ORO Office of Safeguards and Security (ORO-OS) and Director, YAO Technical Division (TD).
    - (1) Perform those tasks identified in DOE 1270.2B, subparagraphs 8f(6) through (12).
    - (2) Coordinate ORO/YAO performance of requirements related to eligible facilities identified by the DOE and facilities selected by the IAEA.
    - (3) Designate ORO/YAO personnel to serve on the team providing technical support to the U.S. representatives negotiating with the IAEA on design information questionnaires and facility attachments.
    - (4) Ensure that DOE requirements for domestic nuclear materials accounting continue in effect even though special accounting procedures have to be designed, developed, and put into effect for reporting to the IAEA.
    - (5) Develop alternative measurement and inventory procedures for use when IAEA activities preclude the use of DOE procedures.
    - (6) Ensure that a special security plan is prepared for each facility subject to IAEA inspections.

- (7) Arrange for classification review of information provided to or accessible by IAEA representatives.
- b. ORO/ YAO Contracting Officer's Representatives.
  - (1) Perform those tasks identified in DOE 1270.2B, subparagraphs 8f(2)-(5) and (13).
  - (2) Ensure that resources available to contractors are adequate to satisfy DOE obligations pursuant to the IAEA agreement.
  - (3) Notify ORO-OS/YAO TD of any event that could affect the IAEA inspection activity agreed to between the U.S. and the IAEA.
- 5. REQUIREMENTS AND PROCEDURES. None.
- 6. REFERENCES. The following documents are available in the ORO Office of Safeguards and Security, Materials Control and Accountability Team:
  - a. IAEA publication, INFCIRC/153 (corrected), The Structure and Content of Agreements Between the Agency and States Required in Connection With the Treaty on the Nonproliferation of Nuclear Weapons, June 1972.
  - b. IAEA publication, INFCIRC/288, Safeguards Agreement Under the Nonproliferation Treaty Between the U.S. and the International Atomic Energy Agency.
  - c. Design Information Questionnaire and Facility Attachment for the Y-12 National Security Complex, Tube Vault 16A.
- 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 will accomplish the following:

1. Escort IAEA inspectors during inspections in accordance with DOE 1270.2B, subparagraph 8f(9).
2. Prepare for IAEA inspections in accordance with DOE 1270.2B, subparagraph 8f(6).
3. Ensure that IAEA inspectors and any IAEA staff members carrying out functions under the agreement have the benefit of safety and radiation protection measures in effect at each facility as prescribed in DOE 1270.2B, subparagraph 8f(10).
4. Designate personnel to serve on the team providing technical support to the U.S. representatives negotiating with the IAEA on design information questionnaires and facility attachments, as prescribed in DOE 1270.2B, subparagraph 8f(1).