

# DOE/ORO CONTROL FORM - ORO FINAL DIRECTIVE

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

1. NUMBER AND TITLE OF DIRECTIVE: **ORO O 140, Chapter II, Change 3, SAFEGUARDS AGREEMENT WITH THE INTERNATIONAL ATOMIC ENERGY AGENCY (IAEA)**

2. PURPOSE OF TRANSMITTAL:  New Directive  Revised Directive

3. THIS DOCUMENT MAY AFFECT THE WORK PERFORMED BY THE FOLLOWING CONTRACTORS: (Check appropriate boxes)

No (all contractors)

Yes If yes, whom?  Bechtel Jacobs Co.  ORAU  UT-Battelle

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. Revisions were made to update the reference to the Y-12 Site Office (YSO).

5. CONTACT POINT: Harvey Heckman Office of Safeguards and Security, OS-20 576-2505  
Name Organization Telephone

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## 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 Control Form	01/26/2001	ORO Control Form	03/12/2003
ORO O 140, Chapter II, Chg. 2, Pages II-1 thru II-3	01/26/2001	ORO O 140, Chapter II, Chg. 3, Pages II-1 thru II-3	03/12/2003

*ORO Directives are available on the ORO Directives Management Home Page at [http://www.ornl.gov/doe\\_oro\\_dmg/oro\\_dir.htm](http://www.ornl.gov/doe_oro_dmg/oro_dir.htm). The ORO Directives 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*  
Wayne H. Albaugh 03/12/2003  
Signature: DMG Team Leader, AD-440 Date

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

Rev. 01/10/2003

# NNSA/YSO DIRECTIVES CONTROL FORM – FINAL DIRECTIVE

## PART A (To be completed by the ORO DIRECTIVES MANAGEMENT GROUP, AD-440):

### DIRECTIVE NUMBER, TITLE, AND DATE:

ORO O 140, Chapter II, Change 3, SAFEGUARDS AGREEMENT WITH THE INTERNATIONAL ATOMIC ENERGY AGENCY (IAEA), dated 03/12/2003

PURPOSE OF TRANSMITTAL:  New Directive  Revised Directive

DOES THIS DIRECTIVE **CANCEL/REPLACE OR EXTEND ANY OTHER DIRECTIVES**?  Yes  No  
If "Yes," list what action (cancel/replace or extend) and list the directive(s), including the number(s), title(s), and date(s):

This chapter cancels and replaces ORO O 140, Chapter II, Change 2, SAFEGUARDS AGREEMENT WITH THE INTERNATIONAL ATOMIC ENERGY AGENCY (IAEA), dated 01/26/2001.

The attached directive is forwarded for review and action. Complete Part B and forward this form to ORO DMG, AD-440, by **03/28/2003**.

## PART B (To be completed by the NNSA Y-12 SITE OFFICE, Y12-01):

### CONTRACTOR APPLICABILITY:

Does this directive affect the work performed by BWXT Y-12, L.L.C.?  Yes  No

Does this directive affect the work performed by BWXT Y-12, L.L.C., subcontractors?  Yes  No

If "Yes," list the subcontractors:

*Many 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.*

SIGNIFICANT PROVISIONS: Are there any significant changes or impact?  Yes  No

List summary of directive changes and, if "Yes" above, describe the significant changes or impact:

IMPLEMENTATION: Does the directive contain special implementation requirements and/or dates?  Yes  No

If "Yes," describe:

### FOR DOE DIRECTIVE – SUPPLEMENTAL DIRECTIVE REQUIRED?

Is a new or revised supplemental directive required?  Yes  No

If "Yes," target date for submission of draft supplemental directive is \_\_\_\_\_.

IDENTIFY CONTACT POINT: Sharon Daly or Donat St. Pierre 574-4285/241-8139  
Name Telephone

APPROVED BY COR FOR DIRECTIVES: Diane McCarten, COR for Dir. 03/26/2003 576-9330  
Signature Date Telephone

## PART C (To be completed by the ORO DIRECTIVES MANAGEMENT GROUP, AD-440):

*DOE Directives are available on the DOE Directives, Regulations, Policies, and Standards Portal at <http://www.directives.doe.gov/>.  
ORO Directives are available on the ORO Directives Management Group Home Page at [http://www.ornl.gov/doe\\_oro\\_dmg/oro\\_dir.htm](http://www.ornl.gov/doe_oro_dmg/oro_dir.htm).  
Directives will no longer be mailed in printed copy unless you do not have Internet capabilities.*

### APPROVED FOR DISTRIBUTION IN ACCORDANCE WITH OFFICIAL DIRECTIVE DISTRIBUTION LIST:

*Original Signed By*  
Wayne H. Albaugh, AD-440 03/31/2003  
Name Date

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

(Revised 01/10/2003)

# U.S. Department of Energy

Oak Ridge Operations

ORO O 140  
Chapter II  
Change 3

DATE: 03/12/2003

**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 Site Office (YSO). Nothing in this issuance changes any requirements contained in any DOE directive.
2. CANCELLATION. This chapter cancels and replaces ORO O 140, Chapter II, Change 2, SAFEGUARDS AGREEMENT WITH THE INTERNATIONAL ATOMIC ENERGY AGENCY, dated January 26, 2001.
3. APPLICABILITY. The provisions of this chapter apply to ORO and YSO 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, YSO Technical Division (TD).
    - (1) Perform those tasks identified in DOE 1270.2B, subparagraphs 8f(6) through (12).
    - (2) Coordinate ORO/YSO performance of requirements related to eligible facilities identified by the DOE and facilities selected by the IAEA.
    - (3) Designate ORO/YSO 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/YSO 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/YSO 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).