

U.S. Department of Energy

OAK RIDGE OPERATIONS

ORO O 140
CHAPTER II

Date: 5-15-96

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

1. PURPOSE. This Chapter correlates to DOE O 142.2 (formerly 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 its contractors. Nothing in this issuance changes any requirements contained in any DOE Order.
2. CANCELLATION. This Chapter cancels and replaces ORIG 1270.2B, SAFEGUARDS AGREEMENT WITH THE INTERNATIONAL ATOMIC ENERGY AGENCY (IAEA), dated June 28, 1995.
3. APPLICABILITY. The provisions of this Chapter apply to ORO Principal Staff and contractors and subcontractors at license-exempt facilities that possess any of the source and special nuclear materials identified in DOE O 474.1 (formerly DOE 5633.3B), Page I-2.
4. RESPONSIBILITIES.
 - a. Director, Evaluation and Control Division (ECD).
 - (1) Performs those tasks identified in DOE O 142.2, subparagraphs 8f(8), (11), and (12).
 - (2) Coordinates ORO performance of requirements related to eligible facilities identified by the DOE and facilities selected by the IAEA.
 - (3) Designates ORO 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) Ensures 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) Develops alternative measurement and inventory procedures for use when IAEA activities preclude the use of DOE procedures.
- b. Director, Safeguards and Security Division.
 - (1) Performs those tasks identified in DOE O 142.2, subparagraphs 8f(6), (7), and (9).
 - (2) Assists ECD in the performance of those tasks identified in DOE O 142.2, subparagraph 8f(8).
 - (3) Ensures that a special security plan is prepared for each facility subject to IAEA inspections.
 - (4) Arranges for classification review of information provided to or accessible by IAEA representatives.
- c. Contracting Officers' Representatives.
 - (1) Perform those tasks identified in DOE O 142.2, 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 ECD 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 Evaluation and Control Division, Materials Control and Accountability Branch:
 - 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 Plant, Vault 16.

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 shall accomplish the following:

1. Escort IAEA inspectors during inspections in accordance with DOE O 142.2, subparagraph 8f(9).
2. Prepare for IAEA inspections in accordance with DOE O 142.2, 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 O 142.2, 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.