

Nuclear Regulatory Commission

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(b) The records shall show, for each batch of nuclear material: material identification, batch data and source data. The *batch data* means a separate listing of the total weight of each element of nuclear material (including, as specified in the license conditions, isotopic composition for special nuclear material) with plutonium and enriched uranium measured in grams and natural or depleted uranium and thorium measured in kilograms. The *source data* are the data, recorded during measurement or calibration or used to derive empirical relationships, which identify nuclear material and provide batch data.

(c) For each inventory change, the records shall show the date of the inventory change and, when appropriate, (1) the originating IAEA material balance area or the shipper, and (2) the receiving IAEA material balance area or the recipient.

§ 75.23 Operating records.

The operating records required by § 75.21 shall include, as appropriate, for each IAEA material balance area:

(a) Those operating data which are used to establish changes in the quantities and composition of nuclear material;

(b) The data obtained from the calibration of tanks and instruments and from sampling and analyses, the procedures employed to control the quality of measurements, and the derived estimates of random and systematic error;

(c) A description of the sequence of the actions taken in preparing for, and in taking, a physical inventory, to ensure that it is correct and complete; and

(d) A description of the actions taken to ascertain the magnitude and cause of any accidental or unmeasured loss that might occur.

§ 75.24 Retention of records.

The records referred to in §§ 75.22 and 75.23 shall be retained by the licensee for at least five years.

REPORTS

§ 75.31 General requirements.

Each licensee who has been given notice by the Commission in writing that

its installation has been identified under the Agreement shall make an initial inventory report in computer-readable format, and thereafter shall make accounting reports, with respect to such installation and, in addition, licensees who have been given notice, pursuant to § 75.41, that their installations are subject to the application of IAEA safeguards, shall make the special reports described in § 75.36. These reports must be based on the records kept in accordance with § 75.21. At the request of the Commission, the licensee shall amplify or clarify any report with respect to any matter relevant to implementation of the Agreement. Any amplification or clarification must be in writing and must be submitted, to the address specified in the request, within twenty (20) days or other time as may be specified by the Commission.

[59 FR 35621, July 13, 1994]

§ 75.32 Initial inventory report.

(a) The initial inventory reporting date shall be the last day of the calendar month in which the Commission gives the licensee notice that an initial inventory report is required.

(b) The initial inventory report, to be submitted to the Commission in computer-readable format, in accordance with instructions (NUREG/BR-0007 and NMSS Report D-24 "Personal Computer Data Input for NRC Licensees"), must show the quantities of nuclear material contained in or at an installation as of the initial inventory reporting date. The information in the initial inventory report may be based upon the licensee's book record.

(c) The initial inventory report shall be dispatched within twenty (20) days after the initial inventory reporting date.

[45 FR 50711, July 31, 1980, as amended at 59 FR 35622, July 13, 1994]

§ 75.33 Accounting reports.

(a)(1) The accounting reports for each IAEA material balance area must consist of

(i) Computer-readable Nuclear Material Transaction Reports (Inventory Change Reports) and

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(ii) Computer-readable Material Balance Reports showing the material balance based on a physical inventory of nuclear material actually present.

(2) These prescribed computer-readable forms replace the following forms which have been submitted in paper form:

- (i) The DOE/NRC Form 741; and
- (ii) The DOE/NRC Form 742.

(b) The reports shall be based on data available as of the date of reporting and may be corrected at a later date, as required.

[45 FR 50711, July 31, 1980, as amended at 49 FR 19629, May 9, 1984; 59 FR 35622, July 13, 1994]

§ 75.34 Inventory change reports.

(a) Nuclear Material Transaction Reports (Inventory Change Reports) in computer-readable format to be completed in accordance with instructions (NUREG/BR-0006 and NMMSS Report D-24 "Personal Computer Data Input for NRC Licensees"), must specify identification and batch data for each batch of nuclear material, the date of the inventory change, and, as appropriate,

(1) The originating IAEA material balance area or the shipper; and

(2) The receiving IAEA material balance area or the recipient.

Each licensee who receives special nuclear material from a foreign source shall complete both the supplier's and receiver's portion of the form.

(b) Nuclear Material Transactions Reports (Inventory Change Reports), when appropriate, must be accompanied by computer-readable Concise Notes, completed in accordance with instructions (NUREG/BR-0006 and NMMSS Report D-24 "Personal Computer Data Input for NRC Licensees"). Copies of these instructions may be obtained from the U.S. Nuclear Regulatory Commission, Division of Fuel Cycle Safety and Safeguards, Washington, DC 20555-0001. This prescribed computer-readable format replaces the DOE/NRC Form 740M which has been previously submitted in paper form. This Concise Note is used in:

(1) Explaining the inventory changes on the basis of the operating records provided for under § 75.23; and

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(2) Describing, to the extent specified in the license conditions, the anticipated operational program for the installation, including particularly, but not exclusively, the schedule for taking physical inventory.

[59 FR 35622, July 13, 1994]

§ 75.35 Material status reports.

(a) A material status report must be submitted for each physical inventory which is taken as part of the material accounting and control procedures required by § 75.21. The material status report must include a computer-readable Material Balance Report and a computer-readable Physical Inventory Listing which lists all batches separately and specifies material identification and batch data for each batch. When appropriate, the material status report must be accompanied by a computer-readable Concise Note. The reports described in this section must be prepared and submitted in accordance with instructions (NUREG/BR-0007, NUREG/BR-0006 and NMMSS Report D-24 "Personal Computer Data Input for NRC Licensees"). Copies of these instructions may be obtained from the U.S. Nuclear Regulatory Commission, Division of Fuel Cycle Safety and Safeguards, Washington, DC 20555-0001. These prescribed computer-readable formats replace the DOE/NRC Forms 742, 742C, and 740M which have been submitted in paper form.

(b) Unless otherwise specified in the license conditions, material status reports shall be dispatched as soon as possible and in any event within thirty (30) days after the start of the physical inventory.

[45 FR 50711, July 31, 1980, as amended at 59 FR 35622, July 13, 1994]

§ 75.36 Special reports.

(a) This section applies only to licensees who have been given notice, pursuant to § 75.41, that their installations are subject to the application of IAEA safeguards.

(b) Each licensee who is subject to this section shall immediately make a special report to the Commission, by telephone (and also by telegraph, mailgram, or facsimile), in those situations described in license conditions.