

**INFORMATION IN RESPECT OF NUCLEAR
MATERIAL OUTSIDE FACILITIES***

DATE:

**CONFIDENTIAL
WHEN COMPLETED**

APPROVED BY OMB: NO. 3150-0056

EXPIRES: 08/31/2014

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**INTERNATIONAL ATOMIC ENERGY AGENCY
DEPARTMENT OF SAFEGUARDS AND INSPECTION**

**DESIGN INFORMATION
QUESTIONNAIRE ***

(CONTINUED)

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* Questions which are not applicable may be left unanswered.

INFORMATION IN RESPECT OF NUCLEAR MATERIAL OUTSIDE FACILITIES*

GENERAL INFORMATION

1. LOCATION AND POSTAL ADDRESS FOR ROUTINE BUSINESS PURPOSES	
2. OWNER (legally responsible)	

* Locations where the amount of nuclear material is less than one effective kilogram (for each separate location, attach separate sheet).

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GENERAL INFORMATION

3. OPERATOR
(legal responsible)

4. NAMES AND/OR TITLES AND ADDRESS
OF RESPONSIBLE OFFICERS
(for nuclear material accountancy and
control and contact with the Agency)

NUCLEAR MATERIAL DESCRIPTION AND FLOW

5. TYPE OF NUCLEAR MATERIAL

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NUCLEAR MATERIAL DESCRIPTION AND FLOW

6. GENERAL MATERIAL DESCRIPTION
(for each type)

i) Chemical and Physical Form

ii) Enrichment Range and Pu Content

iii) Amounts of Nuclear Material Usually
Kept at the Location

7. MEANS OF NUCLEAR MATERIAL
IDENTIFICATION

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NUCLEAR MATERIAL DESCRIPTION AND FLOW	
8. RADIATION LEVEL (at the surface of the nuclear material, at a distance of 1 metre)	
9. DESCRIPTION OF MAIN CONTAINERS USED FOR STORAGE AND HANDLING	IF NECESSARY, ATTACH DRAWING(S)
10. NUCLEAR MATERIAL TRANSFER EQUIPMENT	IF NECESSARY, ATTACH DRAWING(S)
11. IDENTIFICATION OF MEASUREMENT POINTS, ACCOUNTABILITY AREAS, INVENTORY LOCATION	FLOW SHEET(S) ATTACHED UNDER REFERENCE NUMBERS:

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PROTECTION AND SAFETY MEASURES

12. BASIC MEASURES FOR PHYSICAL
PROTECTION OF NUCLEAR MATERIAL

13. SPECIFIC HEALTH AND SAFETY RULES
FOR INSPECTOR COMPLIANCE

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NUCLEAR MATERIAL ACCOUNTANCY AND CONTROL

14. DESCRIPTION OF THE SYSTEM

Give description of:

- the nuclear material accountancy
- system
the method of recording and reporting
accountancy data and establishing
- material balance
the procedures for account adjustment
after inventory, etc.

under the following headings:

- i) General

SPECIMEN FORMS USED IN ALL PROCEDURES ATTACHED
UNDER REFERENCE NUMBERS:

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NUCLEAR MATERIAL ACCOUNTANCY AND CONTROL

14. DESCRIPTION OF THE SYSTEM
(Continued)

ii) Receipts

iii) Shipments

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NUCLEAR MATERIAL ACCOUNTANCY AND CONTROL

14. DESCRIPTION OF THE SYSTEM
(Continued)

iv) Measured Discards and
Retained Waste

v) Physical Inventory

Description of procedures, scheduled
frequency, method of operator's
inventory taking, expected accuracy,
access to nuclear material

vi) Operational Records and
Accounting Records
(including method adjustment or
correction and place of preservation
and language)

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NUCLEAR MATERIAL ACCOUNTANCY AND CONTROL

15. FOR EACH MEASUREMENT POINT OF ACCOUNTABILITY AREAS, IDENTIFIED UNDER QS. 11, GIVE THE FOLLOWING (if applicable)

SEPARATE SHEET(S) CAN BE ATTACHED FOR EACH MEASUREMENT POINT. IF NECESSARY, ATTACH DRAWING(S)

i) Description of Location, Type, Identification

ii) Physical and Chemical form of Nuclear Material (with cladding materials description)

iii) Measurement Method(s) and Equipment Used

iv) Method of Converting Source Data to Batch Data

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NUCLEAR MATERIAL ACCOUNTANCY AND CONTROL

15. FOR EACH MEASUREMENT POINT OF ACCOUNTABILITY AREAS, IDENTIFIED UNDER QS. 11, GIVE THE FOLLOWING (if applicable)
(Continued)

- v) Means of Batch Identification and Batch Data Description

OPTIONAL INFORMATION

16. OPTIONAL INFORMATION
(that the operator considers relevant to safeguarding the nuclear material)

Signature of Responsible Officer:

Date:
