

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

DATE:

**CONFIDENTIAL  
WHEN COMPLETED**

APPROVED BY OMB: NO. 3150-0056

EXPIRES: 08/31/2020

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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:

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Date:

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