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INTERNATIONAL ATOMIC ENERGY AGENCY
DEPARTMENT OF SAFEGUARDS AND INSPECTION

DESIGN INFORMATION QUESTIONNAIRE *

(CONTINUED)

The "Confidential" marking on this form is for IAEA purposes only. It indicates that the IAEA considers the information in the completed form to be 'safeguards confidential' and is not to be confused with any U.S. security classification.

* Questions which are not applicable may be left unanswered.

IAEA USE ONLY

SEPARATE STORAGE INSTALLATIONS

GENERAL STORAGE DATA

13. FACILITY DESCRIPTION (for each storage area)	GENERAL DIAGRAM(S) ATTACHED UNDER REFERENCE NUMBERS:

SEPARATE STORAGE INSTALLATIONS

DATE:

GENERAL STORAGE DATA	
14. DESIGN CAPACITY	
15. ANTICIPATED ANNUAL THROUGHPUT AND INVENTORY (in the form of forward programme indicating the proportion of various receipts and shipments)	

NUCLEAR MATERIAL DESCRIPTION AND FLOW	
16. TYPES OF UNITS HANDLED AT THE FACILITY	IF NECESSARY, ATTACH DRAWING(S)
17. MAIN MATERIAL DESCRIPTION (in general) i) Physical (Mechanical) Form and Dimensions (for fuel element/assembly stored, attach drawings)	DRAWING(S) ATTACHED UNDER REFERENCE NUMBER(S)

NUCLEAR MATERIAL DESCRIPTION AND FLOW	
17. MAIN MATERIAL DESCRIPTION (in general) (Continued) ii) Chemical Form (indicate chemical composition or main alloy constituents)	
iii) Enrichment Range and Pu Content	
iv) Range of Weight of Nuclear Material	
v) Cladding Materials	
vi) Means of Nuclear Material Identification	

NUCLEAR MATERIAL DESCRIPTION AND FLOW	
17. MAIN MATERIAL DESCRIPTION (in general) (Continued) vii) Types of Containers, Packaging	DRAWING(S) ATTACHED UNDER REFERENCE NUMBERS:
viii) Radiation Level at Nuclear Material Location	
ix) Other Nuclear Material in the Facility Not Already Specified (quantity, form and location of inventory)	
18. SCHEMATIC FLOW SHEET FOR NUCLEAR MATERIAL (identifying measurement points. accountability areas, inventory locations, etc., for operator purposes)	DRAWING(S) ATTACHED UNDER REFERENCE NUMBERS:

SEPARATE STORAGE INSTALLATIONS

DATE:

HANDLING OF NUCLEAR MATERIAL	
19. DESCRIPTION OF EACH NUCLEAR MATERIAL STORAGE AREA (inventory location)	DRAWING(S) ATTACHED UNDER REFERENCE NUMBERS:
20. DESIGN RANGE OF INVENTORIES OF NUCLEAR MATERIAL IN EACH STORAGE AREA	
21. METHOD OF POSITIONING OF NUCLEAR MATERIAL IN STORAGE	IF NECESSARY, ATTACHED DRAWING(S)
22. ROUTES AND EQUIPMENT USED FOR MOVEMENT OF NUCLEAR MATERIAL (if applicable)	DRAWING(S) ATTACHED UNDER REFERENCE NUMBERS:
23. FREQUENCY OF RECEIPT AND SHIPMENT	

HANDLING OF NUCLEAR MATERIAL	
24. SHIELDING (for storage and transfer)	
PROTECTION AND SAFETY MEASURES	
25. BASIC MEASURES FOR PHYSICAL PROTECTION OF NUCLEAR MATERIAL	
26. SPECIFIC HEALTH AND SAFETY RULES FOR INSPECTOR COMPLIANCE (if extensive, attach separately)	

NUCLEAR MATERIAL ACCOUNTANCY AND CONTROL

27. SYSTEM DESCRIPTION

Give description of:

- the nuclear material accountancy system;
- the method of recording and reporting accountancy data and establishing material balances;
- the procedures for account adjustment after inventory and correction of mistakes, etc., under the following headings:

under the following headings:

i) General

SPECIMEN FORMS USED IN ALL PROCEDURES ATTACHED UNDER REFERENCE NUMBERS:

NUCLEAR MATERIAL ACCOUNTANCY AND CONTROL

27. SYSTEM DESCRIPTION
(Continued)

ii) Receipts
(including method of dealing with shipper/receiver differences and subsequent account corrections)

iii) Shipments
(including wastes)

NUCLEAR MATERIAL ACCOUNTANCY AND CONTROL	
27. SYSTEM DESCRIPTION (Continued) iv) Physical Inventory Frequency, procedures, established distribution of nuclear material, methods of operator's inventory taking (both for item and/or bulk accountancy, including relevant assay methods), ACCESSABILITY,and possible verification method for irradiated nuclear material, expected accuracy, access to nuclear material	LIST OF MAJOR ITEMS OF EQUIPMENT REGARDED AS NUCLEAR MATERIAL CONTAINERS ATTACHED UNDER REFERENCE NUMBERS:
v) Operational Records and Accounting Records (including method adjustment or correction and place of preservation and language)	
28. FEATURES RELATED TO CONTAINMENT AND SURVEILLANCE MEASURES (general description of applied or possible measures)	

NUCLEAR MATERIAL ACCOUNTANCY AND CONTROL	
29. FOR EACH MEASUREMENT POINT OF ACCOUNTABILITY AREAS, IDENTIFIED UNDER QS. 18, GIVE THE FOLLOWING (if applicable) i) Description of Location, Type, Identification	SEPARATE SHEET(S) CAN BE ATTACHED FOR EACH MEASUREMENT POINT IF NECESSARY, ATTACH DRAWING(S)
ii) Anticipated Types of Inventory Change and Possibilities to Use This Measurement Point for Physical Inventory Taking	
iii) Physical and Chemical Form of Nuclear Material (with cladding materials description)	
iv) Nuclear Material Containers, Packaging	

NUCLEAR MATERIAL ACCOUNTANCY AND CONTROL	
29. FOR EACH MEASUREMENT POINT OF ACCOUNTABILITY AREAS, IDENTIFIED UNDER QS. 18, GIVE THE FOLLOWING (if applicable) (Continued) v) Sampling Procedure and Equipment Used	
vi) Measurement Method(s) and Equipment Used	
vii) Source and Level of Random and Systematic Errors (weight, volume, sampling, NDA)	
viii) Technique and Frequency of Calibration of Equipment Used	
ix) Method of Converting Source Data to Batch Data	
x) Means of Batch Identification	

NUCLEAR MATERIAL ACCOUNTANCY AND CONTROL	
29. FOR EACH MEASUREMENT POINT OF ACCOUNTABILITY AREAS, IDENTIFIED UNDER QS. 18, GIVE THE FOLLOWING (if applicable) (Continued) xi) Anticipated Batch Flow Rate Per Year	
xii) Anticipated Number of Inventory Batches	
xiii) Anticipated Number of Items Per Flow and Inventory Batches	
xiv) Type, Composition and Quantity of Nuclear Material Per Batch (with indication of batch data, total weight of each element of nuclear material and the isotopic ocmposition (for uranium) and Pu content, when appropriate; form of nuclear material)	
xv) Features Related to Containment-Surveillance Measures	

SEPARATE STORAGE INSTALLATIONS

DATE:

OPTIONAL INFORMATION	
30. OPTIONAL INFORMATION (that the operator considers relevant to safeguarding the facility)	

Signature of Responsible Officer:

Date: