CONFIDENTIAL	APPROVED BY OMB: NO. 3150-0056 EXPIRES: 08/31/2014
WHEN COMPLETED	EAFIRED. 00/3//2014
INTERNATIO	NAL ATOMIC ENERGY AGENCY
DEPARTMENT C	OF SAFEGUARDS AND INSPECTION
DESIG	N INFORMATION
OUF	STIONNAIRE *
Q C L	OHOMANIL
	(CONTINUED)
The "Confidential" marking on this form is for IAEA	IAEA LIGE ONLY
purposes only. It indicates that the IAEA considers	IAEA USE ONLY
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.	
RESEARCH	AND DEVELOPMENT FACILITIES
	IN AMOUNTS GREATER THAN ONE EFFECTIVE KILOGRAM)
G	ENERAL FACILITY DATA
13. FACILITY DESCRIPTION	GENERAL DIAGRAM(S) ATTACHED UNDER REFERENCE NUMBERS:
(with indication of accountability areas)	DENETURE BINOIVIM(O) AT THORIES ON BETWEEN ENERGE HOMBERO.
14. NORMAL INVENTORY	

DATE:

G	ENERAL FACILITY DATA
15. ANTICIPATED ANNUAL THROUGHPUT AND/OR INVENTORY FOR THE FACILITY WORKING AT NOMINAL CAPACITY	
16. DESCRIPTION OF THE USE OF NUCLEAR MATERIAL	
17. IMPORTANT ITEMS OF EQUIPMENT WHICH USE, PRODUCE OR PROCESS NUCLEAR MATERIAL	
NUCLEAR MATERIAL DESCRIPTION 18. MAIN TYPES OF ACCOUNT UNITS TO BE	
HANDLED IN THE FACILITY	

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NUCLEAR MATERIAL DESCRIPTION		
FO	CLEAR MATERIAL DESCRIPTION R EACH ACCOUNTABILITY AREA eneral)	
i)	Chemical and Physical Form (with cladding materials description)	
ii)	Enrichment Ranges and Pu Content	
iii)	Estimated Nominal Weight of Nuclear Material at the Facility	
20. WA	ASTE MATERIAL	
i)	Source and Form (indicating major contributors; liquid or solid; range of constituents, enrichment range and Pu content, including contaminated equipment)	
ii)	Quantities in Storage and at Other Locations	

NUCLEAR MATERIAL DESCRIPTION		
20. WASTE MATERIAL (Continued)		
iii) Method and Frequency of Recovery/Disposal		
21. OTHER NUCLEAR MATERIAL IN THE FACILITY AND ITS LOCATION (each separately located)		
22. MEANS OF NUCLEAR MATERIAL		
IDENTIFICATION IN THE FACILITY		

MILES TAR MATERIAL PROPRIETOR		
NUCLEAR MATERIAL DESCRIPTION		
23. RADIATION LEVEL AT NUCLEAR MATERIAL LOCATIONS (at specified places)		
NU	CLEAR MATERIAL FLOW	
24. SCHEMATIC FLOW SHEET FOR NUCLEAR MATERIAL (identifying measurement points, accountability areas, inventory location, etc., for operator purposes)	DIAGRAM (S) ATTACHED UNDER REFERENCE NUMBERS:	
25. TYPES, FORM AND RANGE OF QUANTITIES		
OF NUCLEAR MATERIAL IN: - Operation Areas - Storage Areas - Other Locations (average data for each location)		
	EAR MATERIAL HANDLING	
26. DESCRIPTION OF NUCLEAR MATERIAL STORAGE (indicating capacity, anticipated inventory and throughput, etc.)	DRAWING(S) ATTACHED UNDER REFERENCE NUMBERS:	
27. MAXIMUM QUANTITY OF NUCLEAR MATERIAL TO BE HANDLED IN ACCOUNTABILITY AREAS		

NUCLEAR MATERIAL HANDLING (FOR EACH ACCOUNTABILITY AREA)		
28. MODIFICATION OF THE PHYSICAL/ CHEMICAL FORM DURING OPERATION		
29. NUCLEAR MATERIAL TRANSFER		
30. FREQUENCY OF RECEIPT AND SHIPMENT		
31. NUCLEAR MATERIAL TRANSFER EQUIPMENT (if applicable)	DRAWING(S) ATTACHED UNDER REFERENCE NUMBERS:	
32. DESCRIPTION OF CONTAINERS USED FOR STORAGE AND HANDLING	DRAWING(S) ATTACHED UNDER REFERENCE NUMBERS:	
33. ROUTES FOLLOWED BY NUCLEAR MATERIAL		
34. SHIELDING (for storage and transfer)		

DATE:

PROTECTION AND SAFETY		
35. BASIC MEASURES FOR PHYSICAL PROTECTION OF NUCLEAR MATERIAL		
36. SPECIFIC HEALTH AND SAFETY RULES FOR INSPECTOR COMPLIANCE (if extensive, attach separately)		

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NUCLEAR MATERIAL ACCOUNTANCY AND CONTROL		
37. SYSTEM DESCRIPTION Give description of:	SPECIMEN FORMS USED IN ALL PROCEDURES ATTACHED UNDER REFERENCE NUMBERS:	
 the nuclear material accountancy system the method of recording and reporting accountancy data and establishing material balance the procedures for account adjustment after inventory, and corrections of mistakes, etc., under the following headings 		
i) General		

	NUCLEAR MATERIAL	L ACCOUNTANCY AND CONTROL
37. SYSTEM DESCRIPT	ION	
(Continued)		
ii) Receipts (including metho	od of dealing with differences and ount corrections)	
shipper/receiver subsequent acc	differences and ount corrections)	
	·	
iii) Shipments (including waste	.	
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NUCLEAR MATERIAL ACCOUNTANCY AND CONTROL	
37. SYSTEM DESCRIPTION	ATERIAL ACCOUNTANCY AND CONTROL
(Continued)	
iv) Measured Discards (estimated quantities per year (month), method of management)	
v) Retained Waste (estimated quantities per year, period of storing)	
vi) Physical Inventory Description of procedures, scheduled frequency, estimated distribution of nuclear material, method of operator's inventory taking (both for item and/or mass accountancy, including relevant assay method), accessability and possible verification method for irradiate nuclear material, expected accuracy, an access to nuclear material	

NUCLEAR MATERIAL ACCOUNTANCY AND CONTROL		
37. SYSTEM DESCRIPTION (Continued)		
vii) Operational Records and Accounting Records (including method of adjustment or correction and place of preservation and language)		
38. FEATURES RELATED TO CONTAINMENT AND SURVEILLANCE MEASURES (general description of applied or possible measures)		

NUCLEAR MATERIAL ACCOUNTANCY AND CONTROL		
39. FOR EACH MEASUREMENT POINT OF ACCOUNTABILITY AREAS, IDENTIFIED UNDER QS. 24, GIVE THE FOLLOWING (if applicable)	SEPARATE SHEET(S) FOR EACH MEASUREMENT POINT CAN BE ATTACHED. (If necessary, attach drawing(s).)	
Description of Location, Type, Identification		
ii) Anticipated Types of Inventory Change and/or Possibilities to Use This Measurement Point for Physical Inventory Taking		
iii) Physical and Chemical Form of Nuclear Material (with cladding materials description)		

NUCLEAR MATERIAL ACCOUNTANCY AND CONTROL		
39. FOR EACH MEASUREMENT POINT OF ACCOUNTABILITY AREAS, IDENTIFIED UNDER QS. 24, GIVE THE FOLLOWING (if applicable) (Continued)		
iv) Nuclear Material Containers, Packaging		
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, analytical, NDA)		
viii) Technique and Frequency of Calibration of Equipment Used		

NUCLEAR MATERIAL ACCOUNTANCY AND CONTROL		
39. FOR EACH MEASUREMENT POINT OF ACCOUNTABILITY AREAS, IDENTIFIED UNDER QS. 24, GIVE THE FOLLOWING (if applicable) (Continued)		
ix) Method of Converting Source Data to Batch Data		
x) Means of Batch Identification		
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 nuclear material in item, the isotopic composition (for uranium), and Pu content, when appropriate; form of nuclear material)		

DATE:

NUCLEAR MATERIAL ACCOUNTANCY AND CONTROL		
39. FOR EACH MEASUREMENT POINT OF ACCOUNTABILITY AREAS, IDENTIFIED UNDER QS. 24, GIVE THE FOLLOWING (if applicable) (Continued) xv) Features Related to Containment-Surveillance Measures		
OPTIONAL INFORMATION		
40. OPTIONAL INFORMATION (that the operator considers relevant to safeguarding the facility		
	Signature of Responsible Officer:	
	Signature of Responsible Officer.	
	Date:	

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