

Design Information Verification

Jaime Vidaurre-Henry
International Consultant

General

- INFCIRC/153:
 - To be provided before NM introduced to facility
- Data:
 - Identification, purpose, capacity, location
 - Description and flow of NM and Layout
 - Features related to NMA and C&S
 - Description and procedures for NMA&C

Purposes of DIV

- Identify features to facilitate verification
- Determine MBAs
- Establish timing and procedures for PIV
- Establish records and reports requirements
- Establish procedures for verification of quantity and location of NM
- To select C&S methods and techniques

Design Information Verification



Design information is verified to assure that appropriate safeguards measures are applied and to detect potential misuse of a facility

Design Information Questionnaire

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INTERNATIONAL ATOMIC ENERGY AGENCY
DEPARTMENT OF SAFEGUARDS AND INSPECTION

DESIGN INFORMATION QUESTIONNAIRE*

INEA USE ONLY

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The purpose of this document is to collect the facility design information required by the Agency in order to design its safeguards systems. It will continue to be revised for the assessment of design information by Agency inspectors. It is not valid for reference cases in research and design studies for development.

INEA USE ONLY	
COUNTRY	
COUNTRY OFFICE	
TYPE	
DATE OF PRELIM DATA	
IDENTIFICATION	
LAST REVIEW AND LEGISLATION	

* Questions 56 and 58 are available only for facility assessment.
IAEA/IN/100/100

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DIQ information (Power Reactor example)

- General Information - Questions 1 through 12
- General Reactor Data - Questions 13 through 21
- Nuclear Material Description - Questions 22 through 33
- Nuclear Material Flow - Questions 34 through 39
- Nuclear Material Handling - Questions 40 through 51
- Coolant Data - Question 52
- Protection and Safety Measures - Questions 53 through 54
- Nuclear Material Accountancy and Control - Questions 55 through 57
- Optional Information - Question 58

Other provisions

- Design information to be provided in advance of modifications
- Design information may be re-examined due to developments in safeguards technology
- Inspectors should verify Design information for the purposes stated in the agreement

Enhanced Design Information Verification (DIV)

- Result of strengthening of the safeguards system
 - Approved by the Board of Governors
- Early provision of design information
- DIV throughout the life cycle of the facility

