

**TRAINING COURSE
“LEGISLATIVE FRAMEWORK AND REGULATORY ROLE AND FUNCTIONS”**

DRAFT CARD

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| Course Objective: To provide basic training on the required legislative-regulatory framework and role, function, responsibility, licensing management of the NRA | |
| Duration: one week | |
| CONTENT | |
| Introduction to Nuclear Power Plants | Short description of current available technology and their basic conception |
| Legislative-regulatory framework | Issues & milestones for development of nuclear infrastructure Establishment of legislative and regulatory framework International legal instruments. |
| NRA role and function | Regulatory Role and function. Independence of NRA. Regulatory size, organization, management and staffing. Development of regulations and guides, competence, supplementary functions, external support” |
| Nuclear safety objectives, principles and requirements | Safety objectives, principles and criteria for Nuclear Facilities |
| Regulatory review | Regulatory review objectives and criteria, llicensing process, safety analysis to be performed by the applicant and safety evaluation to be performed by the NRA. |
| Licensing steps and procedure | Siting, construction, commissioning operation steps in the licensing process, related requirements for safety assessment and evaluation |
| SAR Structure & Content | Objective and content of the SAR in the different stages according to the licensing process. Content requirements. |
| Regulatory licensing management | Regulatory licensing process management, NRA capabilities, use and management of internal and external resources. Interface with Applicant. Distinction of roles. Safety Analysis versus safety evaluation |
| TSO Support | Challenges and requirements for technical support to nuclear regulatory authority. Capability of TSO organization. Regulatory management of external TSO support. |
| Regulatory Inspection | Regulatory inspection and enforcement. Type of inspection activity, Planning and conduction of inspection, role and responsibility of regulatory inspectors, Regulatory Enforcement. |
