

EU Training Course on “Regulatory Inspections (oversight) during siting and construction phases”

Duration

1 Week

Content

The training course will provide the knowledge of the regulatory inspection process with special regard to onsite activities during siting and construction phase with respect to site works, construction/mounting of structures and systems, installation of major components, quality assurance and safety culture.

It will provide a presentation and discussion of the organization of the regulatory inspection activity, its definition and planning, the elaboration of specific inspection plans and identification of items/issues to be checked (check list), process to carry out the

inspection, selection and analysis of onsite documentation, management of interface with the licensee personnel and reporting.

The key aspects, and typical findings from past experience of regulatory inspections, related to regulatory oversight of: site works, siting relevant activities, civil works during start of construction, mounting of safety systems during construction and testing during commissioning will be presented and discussed.

The training will consider all aspects relevant for effective regulatory inspection activity:

role of inspector, inspector conduct and relationship with the licensee, preparation of inspection link with analysts performing safety review of SSC, use of onsite documentation and operating records, etc.

Reference standards and guidelines for inspection will be addressed. Practical elaboration and evaluation will be included in the training program.

Achievements

The attendees will attain (or improve) the knowledge of objectives, organization and conduct of regulatory inspections during the siting, and construction and commissioning phase of a NPP including the auditing of key aspects related to safety culture and safety management (quality assurance).