

EU Training Course on “Lessons learned from the Fukushima Dai-Ichi incident and EU stress tests”

Duration

1 Week

Content

The module will present and discuss the Fukushima Daichi incident its evolution and management highlighting the relevant aspects related to the concepts and implementation of protection against external events, defence in depth, cliff edge effects, accident management and lessons learned on the various aspects of design, periodic safety review, accident management, management of severe accidents. It will include also the initiatives of international community to performed follow-up research and studies including the IAEA action plan on nuclear safety endorsed by the General Conference in 2011 after the Fukushima Daiichi accident in March 2011. The EU stress tests performed after the Fukushima incident will be introduced as indicated by the EC, defined by ENSREG, requested by National Nuclear Regulators and performed in each EU country discussing the objective, approach, results and subsequent action plan to face identified deficiencies.

Achievements

The attendees will attain the knowledge of key aspects of Fukushima accident and related weaknesses and lessons learned together with the initiative of stress test in EU and their importance to verify and increase the safety level of operating NPP in extreme conditions.