



INSC Project MC3.01/13

EC Contract N° NSI/2014/343-969

“Training and Tutoring for experts of the NRAs and their TSOs for developing or strengthening their regulatory and technical capabilities”

Tutoring Module on

“Tutoring in the area of regulatory licensing and oversight of decommissioning activities of NPP or other NF”

June 22 – August 14, 2015
c/o ISPRA - Rome

Tutoring Programme

draft

June 2015

“Tutoring in the area of regulatory licensing and oversight of decommissioning activities of NPP or other NF”

June 22 – August 14, 2015
c/o ISPRA – Rome (Via Vitaliano Brancati 48)

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The tutoring activity has been conceived as “on the job training” at ISPRA in the area of regulatory licensing and oversight of decommissioning activities of NPP or other NF.

It will contribute to a real and practical “build-up” of knowledge allowing a sustainable transfer of approaches and methods.

The tutoring will start from the end of June lasting up to the mid of August, 2015.

Tutoring objective:

Objective of the tutoring will be to ensure an optimum of transfer of know-how and develop capability to use it in the context of NRAs and TSOs functions.

Tutoring content:

The tutoring will include:

- familiarization with ISPRA structures and organization: Illustration by the tutor of the ISPRA roles and activities in the field of decommissioning and waste management
- familiarization with regulatory requirements and applicable standards. Decommissioning plans and their status
- evaluation of Operator documents related to decommissioning planning. Issues encountered
- participation to Operator –NRA meetings to get evidence of regulator’s licensing management capability, type and content of interfaces between regulator and applicant and between regulator and external technical support
- participation to onsite inspections to get evidence of the complementarity between regulatory safety review and regulatory inspections.
- Preparation of tutoring report common to both tutees.

Technical area & Presentation	Tutor
Part I	
Welcome	Lamberto Matteocci
Presentation of ISPRA and the overall activity of the Nuclear Department activity	Roberto Ranieri
Licensing procedures in Italy	Aldo Buccafurni
Decommissioning activity and Radioactive Waste Management	Mario Dionisi
Part II	
Regulatory Review of Safety Analysis	Antonio Santilli
Regulatory independent evaluation of accident evaluation and consequences (Dispersion models)	Giorgio De Benedetti
Decommissioning of research reactors	Aldo Buccafurni
Decommissioning of the Trino and Garigliano NPPs	Marco Gervasi
Visit to Casaccia RRs and to NUCLECO	Aldo Buccafurni
Part III	
Decommissioning activity and management of generated Radioactive Waste	Mario Dionisi
Visit to Garigliano NPP	Marco Gervasi
EIA of radioactive effluents during decommissioning activity	Lina Salierno
Spent fuel and radioactive waste transportation	Sandro Trivelloni
Licensing aspects in medical, industrial and research applications	Luca Tolazzi Domenico Lisi
Nuclear technologies for decommissioning	Fabrizio Trenta
Part IV	
JRC Ispra nuclear facilities (storage and treatment of RW; storage of spent fuel)	Fr. Paolo Michetti
Decommissioning of Caorso and Latina NPPs	Pino Cascio
Nuclear security aspects during RWM and decommissioning of NF	Giuseppe Sedda
Laboratory of radioactivity measurements as related to environmental monitoring	Giancarlo Torri
Preparation of Tutees' Report	Mario Dionisi