

EU Training course on “Requirements and safety evaluation for NPP SAR”	
Duration	1 W
Content	<p>The course will present and discuss the objective and scope of the content of SAR of a NPP. The structure and content of SAR will be presented with related reference standards. The content of safety analyses (justification) to be elaborated for licensing and its characteristics to be complete, adequate and auditable will be discussed. The organization and conduct of the regulatory assessment of the SAR in terms of completeness and adequacy of its content will be presented. Identification of main priorities in the assessment of the SAR with respect to different phases of licensing process from siting to construction, commissioning and operation will be discussed. Use of TSO external support for regulatory review will be addressed. Aspects related to effective management of regulatory review of SAR will be covered in the training program and how to prepare the regulatory evaluation report and use it in the decision making process. Findings from regulatory SAR review will be presented and discussed. Links with regulatory PSA review and use of PSA results in the licensing review of a SAR will be emphasized. Aspects related to effective management of regulatory review, dialog with the licensee, how to proceed to resolve identified issues in the decision making process will be covered in the training program. Information about the EU framework for nuclear safety and safety objectives for new NPP (WENRA) will be provided and clarified. Reference standards and guidelines for NPP SAR review will be addressed. Practical elaboration and evaluation will be included in the training program.</p>
Achievements	<p>The attendees will attain the knowledge, learning of main aspects related to the regulatory approach, organization and conduct of safety assessment (review) of SAR and related interfaces. Knowledge of requirements of SAR content in the different licensing steps will also be achieved.</p>