#	WP / Task	Duration	Envisaged period	Supervisor	Contact	University	Scientific objective	Candidate
1	4.2	9 months (MSc)	Nov 2020 - July 2021	Lelio Luzzi	lelio.luzzi@polimi.it	POLIMI	Include a new model for radioacive fission product release (new ANS5.4) in the SCIANTIX code. Improvements to the model are going to be considered along the thesis work, along with benchmarking	on going the selection
2	5.2	24 months (post-doc)	2021-2022	Karine Chevalier-Jabet	karine.chevalier-jabet@irsn.fr	not yet known	Quantify uncertainties related to the FP behavior in fuel/primary circuit. Build and validate a fast physical model for the behaviour of contamination in fuel/primary circuit aggregating the results of detailed codes and their uncertainties	on going the selection
3	2.3/2.5/4.1/4.2/5.1	36 months(PhD)	2020-2023	Wolfgang Liebert/Nikolaus Müllner	nikolaus.muellner@boku.ac.at	BOKU	Investigation of Iodine Spiking phenomena, thermal hydraulic modelling of SGTR DBA and DEC-A scenarios, evaluation of accident management measurements to reduce the transport of Iodine to the secondary side and the environment.	Raphael Zimmerl
4	2.3/2.5/4.1	12 months (MSc)	2020-2021	Wolfgang Liebert/Nikolaus Müllner	nikolaus.muellner@boku.ac.at	BOKU	Validation of nodalisation-approach against PSB test facility experiments for a SGTR scenario. Utilization of our validated nodalisation in analyzing a steam generator tube rupture in a VVER 1000/320 reactor including source term evaluation	Lukas Anzengruber