Programme for
IAEA-KINS
Basic Professional Training Course on Nuclear Safety

Conducted by Korea Institute of Nuclear Safety (KINS)
19 ~ 30 September 2022, Daejeon, KOREA

[1st week]

Monday, 19 Sep.

09:30 ~ 10:00	Opening session (Jihwan KIM) – Welcome address from KINS and the IAEA – Introduction by participants – Group photo
10:00 ~ 12:30	Nuclear safety principles and technical aspects (Hokee KIM)
12:30 ~ 13:30	Lunch break
13:30 ~ 14:30	IAEA safety standards and overview of BPTC (Raeyoung JUNG)
14:30 ~ 17:30	Nuclear reactor physics and theory (Keyyong SUNG)

Tuesday, 20 Sep.

09:30 ~ 11:00	Introduction to NPP systems (Kihan JEON)
11:00 ~ 12:30	RCS and connected systems (Kihan JEON)
12:30 ~ 13:30	Lunch break
13:30 ~ 15:30	Design of nuclear reactor (Keyyong Sung)
15:30 ~ 17:30	Radiation protection in nuclear facilities (Byungsoo LEE)

Wednesday, 21 Sep.

09:30 ~ 12:30	Site evaluation and Korea's experience (Taekmo SHIM)
12:30 ~ 13:30	Lunch break
13:30 ~ 16:30	Safety analysis (Manwoong KIM)
16:30 ~ 17:30	Engineering factors for NPPs (Manwoong KIM)

Thursday, 22 Sep.

09:30 ~ 12:30	Probabilistic safety assessment (Keyyong Sung)
12:30 ~ 13:30	Lunch break
13:30 ~ 15:30	Severe accident analysis (Manwoong KIM)
15:30 ~ 17:30	Integrity of Mechanical Components and Safety Classification of SSCs (Youngwhan CHOI)

Friday, 23 Sep.	Technical visit & culture tour (Jihwan KIM, Youngsoo Eun) – Kori NPP, Doosan enerbility – Cheomseongdae observatory etc.
Saturday, 24 Sep.	Return to Daejeon

[2nd week]

Monday, 26 Sep.

09:30 ~ 12:30	In-plant accident management (Manwoong KIM)
12:30 ~ 13:30	Lunch break
13:30 ~ 15:30	Operational safety with OEF (Dosam KIM)
15:30 ~ 17: 30	Limiting conditions for operation (Hokee KIM)

Tuesday, 27 Sep.

09:30 ~ 12:30	Radiological emergency preparedness & response with Atomcare (Saeyul LEE)
12:30 ~ 13:30	Lunch break
13:30 ~ 15:30	Safety Culture (Hokee KIM)
15:30 ~ 17:30	Human factors (Dhonghoon LEE)

Wednesday, 28 Sep.

09:30 ~ 12:30	Maintenance and surveillance programme (Sewon KIM)
12:30 ~ 13:30	Lunch break
13:30 ~ 15:30	Stakeholder involvement (Hokee KIM)
15:30 ~ 17:30	Quality Assurance (Hyunsop CHANG)
17:30 ~ 20:00	Dinner hosted by KINS INSS (Lecturers & participants, tentative)

Thursday, 29 Sep.

09:30 ~ 11:00	Decommissioning (Wonjae PARK)
11:00 ~ 12:30	Radioactive waste management (Sungil KIM)
12:30 ~ 13:30	Lunch break
13:30 ~ 17:30	Country presentations (Participants, Hokee KIM, Jiwhan KIM) - Current status and plans regarding nuclear safety regulation and the use of atomic energy of participating countries

Friday, 30 Sep.

09:30 ~ 11:30	Nuclear safety regulations of Korea (Hokee KIM)
11:30 ~ 12:30	Introduction to KINS simulator (Kihan JEON)
12:30 ~	Closing (Jihwan KIM) - Questionnaire survey - Attendance sheet sign - Closing remarks