

“Summary Current Status of Radiological Protection in NPPs of Korea”  
Byoung-il, Lee, KHNP, Radiation Health Research Institute (Korea)

National accreditation program of radiation dosimetry system was discussed in terms of legislation of dose quality control (external and internal dosimetry).

NPP's dosimetry system was discussed in terms of NPP's dose registry system, and NPP's radiation exposure control.

NPP's ALARA program was discussed in terms of laws regarding ALARA, and KHNP's ALARA program.

Exposure trends of NPP workers was discussed in terms of dose distribution by operation state, dose distribution by exposure type, annual individual dose trend of NPP workers, radiation dose distribution of NPP workers, and annual collective dose trend of NPP workers.

RHRI's activity for NPP's RP was discussed in terms of radiation emergency medical preparedness for NPP, accidental dose evaluation system, Electron Spin Resonance System, Body Activation Analysis System, development of Korean Phantom, study on internal dosimetry, radiation dose reconstruction/PC calculation/epidemiologic investigation, low dose radiation research, and application study of ICRP new recommendation.