

## Staff Training Belarus July 12- July 16 210708

Time CET	Monday July 12	Tuesday July 13	Wednesday July 14	Thursday July 15	Friday July 16
08:30 – 10:00	Welcome Introduction of Partners Introduction to Program	Measurement of Gamma Radiation	Westinghouse: 1. Supporting Operations: a. Asset Management (LTO) b. Market Adaption (FPO) c. Risk Informed Applications for Maintenance d. Component surveillance (e.g. Vessel – EVND, ...) e. Obsolescence Management	Decontamination  Open Sources: Decontamination	Radiochemistry 3 Radioanalytical Methods Titration, IDA, Solubility of PbI <sub>2</sub>
10:00 – 10:15	Break	Break	Break	Break	Break
10:15 – 11:45	Fundamental Measurement Methods  Radiation Detection 1 Characteristic of GM Tube	Radiation Detection 2 Spectrometry SMCA  Radiation Detection3 LSC	Westinghouse 2. Supporting Licensing: a. License Renewal b. Deterministic Safety Analysis c. Probabilistic Safety Analysis.	Introduction to Radiochemistry	Radiochemistry 4 Radionuclide Generator Half-life of Pb-212 and TI-208
11:45 – 12:30	Lunch Break	Lunch Break	Lunch Break	Lunch Break	Lunch Break
12:30 – 14:00	Radiation Properties 1 1/r <sup>2</sup> law, Statistics	Radiation Detection 4 Alpha Spectrometry	Radiochemical Protective Techniques, RP Measurements	Radiochemistry 1 Carriers	Synthesis
14:00 – 14:15	Break	Break	Break	Break	Break
14:15 – 17:00	Radiation Properties 2 Shielding  Concluding Remarks	Radiation Detection 5 HR Gammy Ray Spectrometry  Concluding Remarks	Safety Instructions Neutron Activation Analysis  Concluding Remarks	Radiochemistry 2 Preparation of Carrier- free Mn-56  Concluding Remarks	Final Discussion Farewell