

International Workshop
"USE OF PSA IN OPERATION OF NPPS AND IN REGULATORY DECISION MAKING "
17 - 22 May 2004; Kyiv, Ukraine

Sponsored by: US Department of Energy
 In cooperation with: International Atomic Energy Agency, Taras Shevchenko National University of Kyiv,
 State Nuclear Regulatory Committee of Ukraine, NNEGC "EnergoAtom",
 International Nuclear Safety Center of Ukraine, Argonne National Laboratory

Date Time	Monday 17 May 2004	Tuesday 18 May 2004	Wednesday 19 May 2004	Thursday 20 May 2004	Friday 21 May 2004	Saturday 22 May 2004
9:00 - 9:45	Opening: V. Peresekin (KSU) J. Misak (IAEA) V. Redko (SNRC) V. Sednev (Z-NPP) I. Kadenko (KSU) J. van Erp (ANL)	P6 Use of Deterministic Safety Analysis for Licensing and for Support of NPP Operation Jozef Misak (IAEA)	P13 Applications of Risk-Informed Integrated Plant Operation and Regulation Mark Reinhart (NRC)	P20 Applications of Risk-Informed Integrated Plant Operation and Regulation - Control Room, Mark Reinhart (NRC)	P27 Safety Culture and the Lessons Learned from the Accident at Three-Mile Island Jan van Erp (ANL)	Discussions on Specific Topics
9:45-10:30	Overview of Program and Logistics Jan van Erp (ANL) Ihor Bodnar (ANL)	P7 Programs for Risk-Informed Integrated Plant Operation and Regulation Mark Reinhart (NRC)	P14 Applications of Risk-Informed Integrated Plant Operation and Regulation (cont'd) Mark Reinhart (NRC)	P21 Use of PSA in Operational Decision Making at South Ukraine NPP TBD - Heorhiy Balakan (SU-NPP)	P28 Organizational Aspects of Risk Management for NPPs Rick Grantom (STP)	Discussions on Specific Topics
Break						
11:00 - 11:45	P1 A Perspective on the Use of PSA in Regulatory Decision Making in Ukraine, Volodymyr Redko (SNRC)	P8 Programs for Risk-Informed Integrated Plant Operation and Regulation (cont'd) Mark Reinhart (NRC)	P15 Status of PSA Development in Ukraine Sergey Klevtsov (ETD)	P22 Use of PSA in Operational Decision Making at Zaporizhzhya NPP Oleg Kocharyants (Z-NPP)	P29 PSA Applications: Risk-Informed In-Service Inspection (RI-ISI) at Turkey Point, Mark Averett (FPL)	Discussions on Specific Topics
11:45-12:30	P2 Safety Assessment: Defence in Depth, Deterministic and Probabilistic Methods; IAEA Guidance Doc.'s Jozef Misak (IAEA)	P9 Objectives of Use of PSA in Optimizing Operational Safety at EnergoAtom, Sergey Kolesov, Larissa Nikolaeva (NAEK)	P16 Status of Development of Risk-Informed Regulation in Ukraine Gregoriy Gromov (ER)	P23 On-Line Risk Monitoring at Turkey Point and St. Lucie NPPs Mark Averett (FPL)	P30 Case Studies on the Use of PSA for Operational Decision Making at Exelon NPPs Eric Jebsen (EC)	Discussions on Specific Topics
Lunch						
1:30 - 2:15	P3 PSA Basic Concepts: Risk Significance and Risk Ranking Mark Averett (FPL)	P10 PSA Applications: Allowed Outage Time (AOT) Extensions at Turkey Point Mark Averett (FPL)	P17 Risk Significance Categorization; Use of PSA for Graded Quality Assurance, Rick Grantom (STP)	P24 Risk Informed Asset Management (Economic Risk Management) Rick Grantom (STP)	D5 Panel Mark Averett Rick Grantom Eric Jebsen Mark Reinhart Jan van Erp	Discussions on Specific Topics
2:15 - 3:00	P4 Principles of Risk-Informed Integrated Plant Operation and Regulation, Mark Reinhart (NRC)	P11 PSA Application to On-Line Maintenance as Implemented at STP, Rick Grantom (STP)	P18 Refueling Outage Risk Monitoring at Turkey Point and St. Lucie NPPs Mark Averett (FPL)	P25 Use of PSA in On-Line & Off-Line Maintenance Planning at Exelon Eric Jebsen (EC)	Work Sessions and Discussions on Specific Topics (identified during the week)	Discussions on Specific Topics
Break						
3:30 - 4:15	P5 Risk Informed Technical Specifications as Implemented at STP and Pilot 4B, Rick Grantom (STP)	P12 Use of PSA in Optimizing Resource Allocation for Operation of Exelon NPPs Eric Jebsen (EC)	P19 Consideration of Human Error in Operations at Exelon Eric Jebsen (EC)	P26 Use of PSA in On-Line & Off-Line Maintenance Planning (Code demonstration) Eric Jebsen (EC)	Work Sessions and Discussions on Specific Topics (identified during the week)	Discussions on Specific Topics
4:15 - 5:00	D1 Panel Jozef Misak (chair) Volodymyr Redko Mark Averett Rick Grantom Eric Jebsen Mark Reinhart Jan van Erp	D2 Panel Sergey Kolesov Mark Averett Rick Grantom Eric Jebsen Mark Reinhart Jan van Erp	D3 Panel Sergey Klevtsov Gregoriy Gromov Mark Averett Rick Grantom Eric Jebsen Mark Reinhart, Jan van Erp	D4 Panel Heorhiy Balakan Oleg Kocharyants Mark Averett Rick Grantom Eric Jebsen Mark Reinhar Jan van Erp	Workshop Evaluation and Closing Richard Reister Jozef Misak Ihor Kadenko Jan van Erp	

U.S. / IAEA experts: Jozef Misak (IAEA); Richard Reister (U.S.-DOE); Mark Everett (FPL Corp); Rick Grantom (South Texas Project); Eric Jebsen (Exelon Corp); Mark Reinhart (U.S. NRC); Christian Kot (ANL); Ihor Bodnar (ANL); Jan van Erp (ANL)