**VVER 2013 - Experience and Perspectives after Fukushima**

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| **Sunday, November 10, 2013** |
| 18.00 – 20.00 | **Registration** |
| 19.00 – 21.00 | **Welcome Cocktail** |
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| **Monday, November 11, 2013** |
| 08.00 | **Registration** |
| 09.00 | **Opening Ceremony, Welcome Address** |
| * **BURKET Daneš**, President, CNS (Czech Nuclear Society)
* **KŘÍŽEK Karel**, CEO, ÚJV Řež, a. s.
* **ŠTĚPÁNEK Ladislav**, Division Production Chief Officer and Mem. of the Board of Directors, ČEZ, a. s.
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| **Nuclear Power Development Strategies**Chairperson: **BURKET Daneš**, President, CNS (Czech Nuclear Society) |
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| **09.30** | **TOMÍČEK Leoš**, Vicepresident, Rusatom OverseasVVER expansion projects: Ongoing tenders, supply chains. Long-term strategy for the development of nuclear power in the Russian Federation  |
| **10.10** | **GEBAUER Pavel,** Ministry of Industry and Trade CRCzech Republic Energetic Strategy and Nuclear Power  |
| **10.30 – 11.00** | **Coffee Break** |
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| **Safety, Licensing and Regulatory Aspects of VVERs**Chairperson: **LAAKSONEN Jukka**, Vice-President, JSC Rusatom Overseas |
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| **11.00** | **BRANDEJS Petr**, Vice-President, State Office for Nuclear Safety (SÚJB)EC Stress Tests Conclusions and Follow up Regulatory Activities  |
| **11.20** | **TKÁČ Miroslav**, Nuclear Regulatory Authority of the Slovak Republic, General safety requirements applied for Mochovce 3, 4  |
| **11.40** | **ANDĚL Jan**, ÚJV Řež, a. s. ENERGOPROJEKT PRAHADesign implementation of stress-test measures on Czech and Slovak NPPs  |
| **12.00** | **BÍCA Martin**, ČEZ, a. s.Technical measures resulting from the stress tests at the Temelín NPP  |
| **12.20** | **DUSPIVA Jiří**, ÚJV Řež, a. s.MELCOR Calculation for Support of Test on Accident Management Strategy on Debris Bed Reflooding  |
| **12.40** | **DUTHOU Arnaud**, Rolls-RoyceAddressing I&C Post-Fukushima requirements: from regulatory requirements analysis to systems design and hardened instrumentation  |
| **13.00 – 14.10** | **Lunch** |
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| Chairperson: **KAWALEC Miroslav**, Vicepresident, CNS (Czech Nuclear Society) |
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| **14.10** | **CHERNIGOV Oleg**, ROSENERGOATOMImplementation of safety enhancing measures at Russian NPPs based on the results of stress tests  |
| **14.30** | **ILJINSKIJ Konstantin**, SPbAEP (ОАО "ГИ "ВНИПИЭТ" "СПбАЭП")Stress tests of the AES-2006 project  |
| **14.50** | **LAAKSONEN Jukka**, Vice-President, JSC Rusatom OverseasPossibilities for regulatory co-operation in licensing new VVER type plants  |
| **15.10** | **LUKYANENKO Andriy**, WANO Moscow centerPossibilities offered by WANO Moscow center in supporting emergency management at VVER type plants  |
| **15.30** | **POLYAKOV Oleksiy**, International Atomic Energy Agency (IAEA)LTO – IAEA Safety Standards, SALTO peer review service, results of SALTO missions at VVER plants  |
| **15.50 – 16.10** | **Coffee Break** |
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| **16.10** | **CHERNIGOV Oleg**, ROSENERGOATOMChanges in accident management plans for Russian NPPs after Fukushima  |
| **16.30** | **ŽĎÁREK Jiří**, ÚJV Řež, a. s. Temperature and Radiation Effect on the RPV Concrete Cavity  |
| **Experience with NPPs with VVER Reactors** |   |
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| **16.50** | **BRUMOVSKÝ Milan**, ÚJV Řež, a. s.Use of Surveillance Data in RPV Integrity Assessment  |  |
| **17.05** | **MOLNÁR Jozef**, ÚJV Řež, a. s.The SCORPIO-VVER Core monitoring and Surveillance System with Enhanced Capabilities  |  |
| **17.20** | **ŠTVÁN František**, ÚJV Řež, a. s.Evaluation of Operating Experience with Use of PSA  |  |
| **17.35** | **TANZER Michal**, ŠKODA JS a. s., NPP EngineeringVerification of the KNI-LM Assembly Funcionality for the Reactor Coolant Level Monitoring System  |  |
| **17.50** | **RUDOLF Antonín**, ŠKODA JS a. s.Equipment for the disposal of neutron flux sensors and thermocouples for VVER 440 and VVER 1000  |  |
| **18.05** | **JAŇOUR Jan**, ZAT, a. s.The "Sandra Z100" in position evaluation system for control rods in VVER 1000  |  |
| **18.20** | **End of Day One** |  |
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| **19.30 – 24.00** | **Networking Dinner** |  |
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| **Tuesday, November 12, 2013** |  |
| 08.30 |  Registration |  |
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| **Experience with NPPs with VVER Reactors, Parallel Section I.**Chairperson: **HEZOUČKÝ František**, WorleyParsons |  |
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| **09.00** | **CSERHÁTI András**, MVM Paks NPPPast, present and future of the Paks NPP in Hungary  |  |
| **09.20** | **TUOMISTO Harri**, Fortum PowerUpgrading and Operational Experience at the Loviisa NPP  |  |
| **09.50** | **KRASTEV** **Emil Borissov**, Kozloduy NPPThe Development of House Load Power Supply of Kozloduy NPP Before and After Fukushima  |  |
| **10.10** | **BÍCA Martin**, ČEZ, a. s.Temelín power up-rate  |  |
| **10.30 – 10.45** | **Coffee Break** |  |
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| **10.45** | **MACEK Jiří**, ÚJV Řež, a. s.Safety Analyses for Power Uprate of VVER 1000/320Use of best estimate methods in licensing of VVER reactors  |  |
| **11.05** | **MATAL Oldřich**, ENERGOVÝZKUMDiagnostic Systems of VVER Primary Circuit Components  |  |
| **11.25** | **CHERNIGOV Oleg**, ROSENERGOATOMIncreasing power in nuclear power plants operating in the Russian Federation  |  |
| **11.45** | **KAZDA Michal**, ENVINET a. s.Radioactive waste free release measurement experience |  |
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| **12.00 – 13.10** | **Lunch** |  |
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| **Plenary Section** |  |
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| **Modern methods of projects, construction and commissioning control**  |  |
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| **13.10** | **KOVTUNOV Anatolij**, OAO «NIAEP»Multi-D technology as an effective tool for NPP's design and construction management  |  |
| **13.30** | **ZDEBOR Roman**, ŠKODA JS a. s.Implementation of Configuration Management Information System (CMIS) in ŠKODA JS a. s.  |  |
| **13.50** | **FRÉLICH Jan, BLÁHA Martin**, TES s. r. o.Activities of TES s.r.o. in frame of Temelín NPP power up-rating project preparation  |  |
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| **Modernization of the secondary part** |  |
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| **14.10** | **TSVETKOV Alexander**, Alstom-AtomenergomashArabell-turbine for Temelin NPP 3, 4, scheme of the 2nd circle, technological equipment, characteristics, reference  |  |
| **14.30** | **KAPIC Miroslav**, Doosan Škoda PowerCompact Turbogenerators for Saturated Steam Application on Large Pressurized Water Reactors  |  |
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| **Beyond design basis accident** |  |
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| **14.50** | **ŽĎÁREK Jiří**, ÚJV Řež, a. s.The IVR Strategy for VVER 1000 type 320  |  |
| **15.10** | **WISNIEWSKI Susanne**, Project Director - VVER Countries, AREVA GmbH Application of the Filtered Containment Venting System for different types of reactors  |  |
| **15.30** | **KÖNIG Wolfgang**, Program Director Accident Monitoring Systems, AREVA GmbHSAFIMon – Monitoring system for severe accidents at nuclear power stations  |  |
| **15.50** | **SASSEN Felix**, Westinghouse Electric GermanyApplication of the Dry Filter Method for containment filtered venting  |  |
| **16.10** | **STREJC Martin**, ÚJV Řež, a. s.Support of nuclear safety by modeling and study of hypothetical severe accidents of VVER nuclear |  |
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| **National and International R&D program**Chairperson: **JOHN Aleš** |  |
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| **16.30** | **TOŠINSKIJ Georgij**, **JOHN Aleš** and ÚJV ŘežRenovation of the NPP Dukovany. Technical opportunity and economical expediency  |  |
| **16.50** | **LACIOK Aleš**, ČEZ, a. s.Nuclear energy research and development: Perspective of the company, the CR and the EU  |  |
| **17.10** | **PAVLIS David**, ŠKODA JS, a. s.ŠKODA JS and cooperation with Czech Universities  |  |
| **17.30 – 17.50** | **Closing Ceremony** |  |
| * **BURKET Daneš**, President, CNS (Czech Nuclear Society)
* **KŘÍŽEK Karel**, CEO, ÚJV Řež, a. s.
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| **Tuesday, November 12, 2013, Parallel Section II.** |  |
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| **FUEL CYCLE ISSUES,** Chairperson: **BĚLÁČ Josef**, ALVEL, a. s |  |
| **09.00** | **BĚLÁČ Josef**, ALVEL, a. s.Conclusions of the "Fuel Conference" (Bulgaria)  |  |
| **09.30** | **UGRYUMOV Alexander**, JSC «TVEL»Nuclear fuel for NPP: Current and Main Fields of the Development  |  |
| **10.00** | **MALÁ Martina**, Centrum výzkumu Řež, s.r.o. (Research Centre Rez)Post-irradiation inspections on TVSA-T fuel assemblies at Temelín NPP  |  |
| **10.30 – 10.45** | **Coffee Break** |  |
| **10.45** | **ERNST Daniel**, ČEZ, a. s., NPP TemelínTemelin Fuel Operational Experience  |  |
| **11.10** | **BEZUMOV V.N.**, JSC «VNIINM»Design issues of fuel rod cladding made of composite material based on carborund (SiC) for concept of water cooled reactors safety under accident  |  |
| **11.35** | **MEČÍŘ Václav**, ČEZ, a. s.Zero defect level in VVER-1000  |  |
| **12.00 – 13.10** | **Lunch** |  |
| **continues Plenary Section** |  |
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| **Poster Section****MAZZINI Guido**, Centrum výzkumu Řež, s.r.o. (Research Centre Rez) *Practical acquiring of the PARCS code  for 3D analyses of neutronic behavior of VVER1000/V320***LOVECKÝ M.**, University of West Bohemia*Comparison of Burnable Absorber Elements for VVER Nuclear Fuel***FARKAS Gabriel**, Slovak University of Technology*Calculation of thermal reactivity coefficients for NPP Mochovce 3, 4 start-up conditions by MCNP5***JIŘIČKOVÁ Jana**, University of West Bohemia *Research of Advanced Nuclear Technologies in CANUT***SYSEL Martin, ŠKODA Radek, VESELÝ Ladislav***Neutron Camera Tests***ŠTĚPÁNEK Jan, ŽELEZNÝ Václav, ZAHRÁDKA Tomáš***CFD study of the spacer grids and mixing vanes effect on the flow in the experimental fuel assembly with VVER-1000 geometry***BURIAN Ondřej, ZÁCHA Pavel***Validation of CFD model of spent fuel pool at NPP Temelin***ROMSY Tomáš, ŽELEZNÝ Václav***Coolant Mixing in the VVER-440 Fuel Assembly Head***BENEŠOVÁ Barbora, ŠKAROHLÍD Jan, ŠKODA Radek***Polycrystalline diamond as protection of nuclear fuel cladding against high temperature oxidation***PREHRADNÝ Jan, LOVECKÝ Martin, PITERKA Luboš, ŠKODA Radek***Burnable Absorbers for Advanced Nuclear Fuels* |  |
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