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|  | EUROPEAN COMMISSION  DIRECTORATE-GENERAL ‘RESEARCH’ | INTERNATIONAL  SCIENCE AND  TECHNOLOGY  CENTERS |  |  |

**Contact Expert Group on Severe Accident Management (CEG-SAM)**

Updated final agenda of the 18th Meeting

St**.** Petersburg**,** Russian Federation

Hotel “Ambassador”; Rimsky-Korsakow Prospekt 5-7

September 28-30, 2010

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| **Tuesday, September 28, 2010:** | | | | | | |
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|  | | **Meeting location**: Conference hall of the hotel “Ambassador” | | |  | |
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| **9.00 h** | | Registration and welcome of the participants | | |  | |
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|  | | Restricted session | | |  | |
| **9.30 h** | | 1. Welcome of the CEG-SAM members and opening remarks | | | M. HUGON, EC  V. STEPANENKO,  STCU | |
| **9.50 h** | | 2. Adoption of the agenda of the 18th CEG-SAM meeting in St.Petersburg | | | All | |
| **9.55 h** | | 3. Approval of the minutes of the previous 17th CEG-SAM meeting in Madrid, Spain, March 29-31, 2010 | | | All | |
| **10.00 h** | | 4. Discussion of the “Specific Action List” of the 17th CEG-SAM meeting | | | All | |
| **10.10 h** | | 5. Reports by the secretariats | | | M. HUGON, EC  V STEPANENKO, STCU | |
| **10.30 h** | | 6. Preliminary discussion of updated and/or new ISTC/STCU project proposals | | | All | |
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| **11.00 h** | | COFFEE BREAK | | |  | |
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| **11.30 h** | | **Extended session** | | |  | |
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| **11.30 h** | | 7. Welcome of the participants by the host of the meeting; general remarks | | | S. BECHTA,  RIT-NITI | |
| **11.40 h** | | 8. Welcome of the Russian, Kazakh and Ukrainian colleagues;approval of the minutes of the 17th CEG-SAM meeting in Madrid, Spain;adoption of the agenda of the 18th CEG-SAM meeting in St.Petersburg | | | M. HUGON, EC  V.STEPANENKO, STCU | |
| **11.50 h** | | 9. Status of the official CEG-SAM webpage | | | J.STUCKERT,  FZK | |
| **12.00 h** | | 10. Interaction between SARNET and CEG-SAM activities and future of the CEG-SAM | | | M. HUGON, EC | |
| **12.30 h** | | 11. Update on SARNET2 | | | B. CLEMENT, IRSN | |
| **12.40 h** | | 12. R&D research priorities" from SARNET-2 project (SARP: Severe Accident Research Priorities) | | | M. SONNENKALB,  GRS | |
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| **13.00 h** | | **LUNCH BREAK** | | |  | |
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|  | | **On-going project presentations, updated and new project proposals** | | |  | |
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| **14.00 h** | | 13. Final results of the ISTC project #3831 on “Experiments at Large-Scale Installation for Heating and Retention of Corium” | | | A: KONDRASHENKO,  VNIIEF | |
| **14.30 h** | | 14, Report on, the SARNET meeting on VNIIEF experimental capabilities and discussions on possible future collaboration | | | Ch. JOURNEAU,  CEA | |
| **15.00 h** | | 15. Progress report on the ISTC project #3592 "Corium Melt Interaction with Reactor Vessel Steel” (METCOR-P) | | | S. BECHTA,  RIT-NITI | |
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| **15.30 h** | | COFFEE BREAK | | |  | |
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| **16.00 h** | | 16. Progress report on the ISTC project #3813 “Phase relations in corium systems” (PRECOS) | | | S. BECHTA,  RIT-NITI | |
| **16.30 h** | | | 17. Progress report on the ISTC project #3876 on “Thermo-Hydraulics of U-Zr-O Molten Pool under Oxidising Conditions in Multi-Scale Approach (THOMAS)” | | M. VESHCHUNOV,  V. CHUDANOV,  IBRAE RAS | |
| **17.00 h** | | 18. Final results and conclusions of the ISTC project # K-1265 “Study of the processes of corium-melt retention in the reactor pressure vessel” (INVECOR) | | | | V. BAKLANOV,  V. ZHDANOV,  IAE NNC RK |
| **17.30 h** | | | 19. Status of the ISTC project #3635 on “Scale experimental investigation of the thermal and structural integrity of the VVER pressure vessel Lower Head in severe accidents” | | V.LOKTIONOV,  MPEI | |
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| **18.00 h** | | Adjourn | | |  | |
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| **Wednesday, September 29, 2010** | | | | | | |
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|  | | 20. **Technical tour to NITI at Sosnovy Bor (about 100 km from St.Petersburg);****Visit of the VVER NPP under construction** | | |  | |
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| **8.00 h** | | Pick-up of the participants at the hotel “Ambassador” | | |  | |
| **11.00 h** | | Time of expexted arrival at the Leningrad NPP-2 Management Building | | |  | |
| **11.30 h** | | Welcome of the Leningrad NPP-2 Managemt | | | G.V. VICTOROV,  Head, Proj. Managem.  Department | |
| **11.40 h** | | Presentation of the Leningrad NPP VVER-2006 Project | | | V.V. BEZLEPKIN,  Head, Science Departm. at SPAEP | |
| **12.40 h** | | Presentation of the KMS large-scale containment facility | | | V. ZASUKHA,  Head, KMS Test  Facility | |
| **13.40 h** | | Discussion of possible co-operation with European organizations in the sphere of NPP accidents, in particular, in containment investigations at KMS | | | All | |
| **14.00 h** | | Tour of the VVER NPP unit under construction | | |  | |
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| **15.30 h** | | **LUNCH BREAK****at the NITI restaurant** | | |  | |
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| **17.00 h** | | Bus departure to St. Petersburg | | |  | |
| **20.00 h** | | Expected time of arrival of the participants at the hotel ”Ambassador” | | |  | |
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| **Thursday, September 30, 2010** | | | | | | |
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|  | | **Meeting location**: Conference hall of the hotel “Ambassador” | | |  | |
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|  | **Extended session** (continued) | | |  | |
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| **9.00 h** | | | 21. Progress of the STCU project #4207 “Long-term prognosis of the behavior of the fuel dust in the Chernobyl Shelter” | | V.PROTSAK,  UIAR; presented by  V.STEPANENKO, STCU | |
| **9.30 h** | | 22. STCU Project proposal #5244 on “Research of objects - nuclear fuel interaction products with structural materials under heavy nuclear-radiation accidents” | | | V. KRASNOV,  ISP NPP; present. by  V.STEPANENKO, STCU | |
| **10.00 h** | | 23. STCU Project proposal #5243 on “Interaction studies of improved VVER structural materials at severe accident conditions” | | | V. KORNYEYEVA,  NFC KIPT | |
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| **10.30 h** | | COFFEE BREAK | | |  | |
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| **11.00 h** | | 24. The main results and conclusions of the VVER fuel assemblies tests under severe accident conditions in the large-scale PARAMETER test facility | | | V. NALIVAEV,  CJSC CCSNE | |
| **11.30 h** | | 25. Results of PARAMETER–SF4 numerical modeling | | | T. YUDINA,  IBRAE RAN | |
| **12.00 h** | | 26. Post test analysis of PARAMETER experiments | | | S. GUENTAY, PSI | |
| **12.20 h** | | 27. PARAMETER-SF4 post-test calculation with MAAP 4.07 | | | A. SCHUMM, EdF | |  |
| **12.40 h** | | | 28. Next CEG-SAM meeting, March 2011; Other matters | | All | |
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| **13.00 h** | | | **End of extended session** | |  | |
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|  | | **LUNCH BREAK** | | |  | |
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|  | | | **Restricted session** (continued) | |  | |
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| **14.00 h** | | | | 29. SARNET and CEG-SAM comments on new ISTC/STCU proposals | All | |
| **14.30 h** | | | 30. Detailed discussion of the presented ISTC/STCU project proposals and eventually preparation of specific CEG-SAM advices; collaborators final engagement | All | |
| **15.30 h** | | | 31. Discussion of various actions | All | |
| **16.00 h** | | | 32. Other matters; Final remarks | M. HUGON, EC,  V. STEPANENKO,  USTC | |
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| **16.30 h** | | | **END OF THE MEETING** | |  | |
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Chairman: M. HUGON, EC; Co-Chairmen: L. TOCHENY, ISTC & V. STEPANENKO, STCU

Secretary: P. HOFMANN