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

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

**Final agenda of the 12th Meeting**

Saint Petersburg, Russia

SPAEP (Atomenergoproekt)

September 11-13, 2007

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| **Monday, September 10, 2007:** |
| **10:00h** EVAN ISTC project progress meeting  Meeting location: Conference room No 1 in the hotel “Morskoy Vokzal”; (http://www.mvhotel.ru) |

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| **Official CEG-SAM meeting** | | | | |
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| **Tuesday, September 11, 2007:** | | | | |
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| **9.00 h** | | Registration of the participants in the entrance hall of the hotel “Morskoy Vokzal” | |  |
| **9.30 h** | | Bus transportation of the participants from the hotel “Morskoy Vokzal” to SPAEP | |  |
| **10.30 h** | | Welcome and opening remarks | | Dr. S.ONUFRIENKO,  SPAEP Director |
| **10.50 h** | | SPAEP activity for nuclear industry | | V. BEZLEPKIN,  SPAEP |
| **11.30 h** | | Welcome and opening remarks | | M. HUGON, EC  L. TOCHENY, ISTC |
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| **12.00 h** | | LUNCH in the SPAEP lunchroom | |  |
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| **13.00 h** | | Bus transportation of the participants to the Hermitage (or to the hydrofoil to visit Peterhof) | |  |
| **14.00 h** | | Sightseeing tour; Transportation of the participants to the hotel “Morskoy Vokzal” (by bus or by hydrofoil) | |  |
| **19.30 h** | | Dinner in the restaurant of the hotel “Morskoy Vokzal” | |  |
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| **Wednesday, September 12, 2007:** | | | | |
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|  | | Meeting location: Conference room No 1 in the hotel “Morskoy Vokzal” | |  |
| **9.00 h** | | Registration of the participants of the meeting | |  |
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|  | | Restricted session Meeting location: Large hall of the hotel “Morskoy Vokzal” | |  |
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| **9.15 h** | | 1. Welcome and opening remarks | | M. HUGON, EC  L. TOCHENY, ISTC |
| **9.20 h** | | 2. Adoption of the agenda of the 12th CEG-SAM meeting | | All |
| **9.30 h** | | 3. Approval of the minutes of the previous 11th CEG-SAM meeting in Dresden, Germany, March 7-9,2007 | | All |
| **9.40 h** | | 4. Discussion of the “Specific Action List” of the 11th CEG-SAM meeting | | All |
| **10.00 h** | | 5. Future prospects of ISTC | | M. HUGON, EC |
| **10.10 h** | | 6. Status of the official ISTC CEG-SAM webpage | | A. MIASSOEDOV, FZK  K.TRAMBAUER, GRS |
| **10.20 h** | | 7. Report by the secretariat | | M. HUGON, EC  L. TOCHENY, ISTC |
| **10.30 h** | | | 8. Update on the information exchange and interaction between ISTC CEG-SAM and SARNET | B. CLEMENT, IRSN  M. HUGON, EC |
| **10.40 h** | | 9. Preliminary discussion of updated and new ISTC project proposals (topics #21 to #28) | | All |
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| **11.00 h** | | COFFEE BREAK | |  |
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|  | | **Extended session**  Meeting location: Large hall of the hotel “Morskoy Vokzal” | |  |
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| **11.20 h** | | 10. Welcome of the Russian and Kazakh colleagues; approval of the minutes of the 11th CEG-SAM meeting; adoption of the agenda | | M. HUGON, EC  L. TOCHENY, ISTC |
| **11.30 h** | | 11a. Update on the information exchange and interaction between ISTC CEG-SAM and SARNET | | B. CLEMENT, IRSN  M. HUGON, EC |
| **11.40 h** | | 11b. Status of the official ISTC CEG-SAM webpage | | A. MIASSOEDOV, FZK  K.TRAMBAUER, GRS |
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|  | | **On-going project presentations** | |  |
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| **11.50 h** | | 12. Status report on the ISTC project # 1648.2 “Examination of VVER fuel behaviour under severe accident conditions, Quench state” (VVER-QUENCH) | | A. GORYACHEV, RIIAR  M. VESHCHUNOV, IBRAE RAS |
| **12.10 h** | | 13. Progress report on the stage B of the ISTC project # 1648.2. Results of the integral reflood test QUENCH-12 with a VVER bundle | | J. STUCKERT,  FZK |
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| **12.30 h** | | LUNCH | |  |
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| **13.30 h** | | 14. Final report on the ISTC project # 2936 “Modelling of reactor core behaviour under severe accident conditions. Melt formation, relocation and evolution of molten pool” (Reactor Core Melting) | | M. VESHCHUNOV,  V. CHUDANOV,  IBRAE RAS |
| **14.00 h** | | 15. Status of the ISTC project # 3194 “Fuel Assembly Tests under Severe Accident Conditions, PARAMETER facility” | | V. NALIVAEV,  LUCH |
| **14.30 h** | | 16. Computational assessment (pre- / post-test) of fuel assembly tests in frame of the project # 3194 | | A. KISSELEV,  IBRAE RAS |
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| **14.50 h** | | COFFEE BREAK | |  |
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| **15.10 h** | | 17. Final report on the ISTC project #2916 “Nuclear fuel behaviour during the Chernobyl accident (CHESS-1)” | | S. BOGATOV, RRC KI  V. STRIZHOV; NSI RAS |
| **15.40 h** | | 18. Status of the ISTC project # K-1265 “Study of the processes of corium-melt retention in the reactor pressure vessel” (INVECOR) | | V. ZHDANOV,  IAE NNC RK |
| **16.10 h** | | 19. Status of the ISTC project #3345 “Ex-vessel source term analysis” (EVAN)”, phase 1 | | V. BEZLEPKIN,  SPAEP |
| **16.40 h** | | 20. Progress report on the ISTC project #3592 (METCOR-P) "Corium Melt Interaction with Reactor Vessel Steel” | | S. BECHTA,  RIT-NITI |
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| **17.10 h** | | Adjourn | |  |
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| **Thursday, September 13, 2007:** | | | |
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|  | | Meeting location: Large hall of the hotel “Morskoy Vokzal”  **Extended session** (continued) |  |
|  | | **New or updated project proposals** | |  |
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| **8.30 h** | | 21. Development and experiments at large-scale installation for heating and retention of corium | | A. KONDRASHENKO,  VNIIEF |
| **9.00 h** | | 22. Study of fission products release and behaviour of VVER fuel with high burnup under severe accident conditions (VERONIKA). Discussion of the revised test matrix | | A. GORYACHEV,  RIIAR |
| **9.30 h** | | 23. ISTC proposal on “Long-term behavior of corium after the accident (using the data of the Chernobyl NPP accident)”; CHESS-2, ISTC #3702. | | S. BOGATOV, RRC KI  V. KASHPAROV,  UIAR, Ukraine |
| **10.00 h** | | 24. “Long-term prognosis of behaviour of the fuel dust in Chernobyl Shelter”,STCU project proposal #4207 | | V. PROTSAK,  UIAR of NAU, Ukraine |
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| **10.30 h** | | COFFEE BREAK | |  |
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| **10.50 h** | | 25. Study of fuel assemblies under severe accident top quenching conditions in the PARAMETER-SF test series. (PARAMETER-SF3 and -SF4 experiments), Presentation of the work plan. ISTC project #3690 | | V. NALIVAEV,  LUCH |
| **11.20 h** | | 26. “Scale experimental investigation of the thermal and structural integrity of the VVER pressure vessel Lower Head in severe accidents”, Presentation of the work plan. ISTC project #3635 | | V. LOKTIONOV,  MPEI, Moscow |
| **11.40 h** | | 27. “Experimental investigation of flow pulsation effects on burnout in RPV external cooling system (EXPULS)”. ISTC project #3609 | | Y.A. MIGROV,  NITI |
| **12.00 h** | | 28. “Phase diagrams for NPP severe accident studies (CORPHAD-P called now PRECOS, ISTC project #3813)”, Presentation of the work plan | | S. BECHTA,  RIT-NITI |
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| **12.20 h** | | 29. Next CEG-SAM meeting in Budapest, March 2008 | All |
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| **12.30 h** | | **End of extended session** | |  |
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| **12.30 h** | | LUNCH | |  |
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| **13.30 h** | | **Restricted session** (continued) | |  |
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| **13.30 h** | | | 30. SARNET and CEG-SAM comments on ISTC proposals | All |
| **14.00 h** | | 31. Detailed discussion of the presented ISTC project proposals and eventually preparation of specific CEG-SAM advices; collaborators final engagement | All |
| **16.00 h** | | 32. Discussion of various actions | All |
| **16.30 h** | | 33. Other matters; Final remarks | M. HUGON, EC,  L. TOCHENY, ISTC |
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| **17.00 h** | | **END OF THE SESSIONS** | |  |
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|  | | Adjourn | |  |
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Chairman: M. HUGON, EC; Co-Chairman: L. TOCHENY, ISTC; Secretary: P. HOFMANN