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|  | EUROPEAN COMMISSIONDIRECTORATE-GENERAL ‘RESEARCH’ | INTERNATIONALSCIENCE ANDTECHNOLOGYCENTERS |  |  |

**Contact Expert Group on Severe Accident Management**

**(CEG-SAM)**

Revised final agenda of the 17th Meeting

Madrid, Spain

CIEMAT, Centro de Investigaciones Energéticas MedioAmbientales y Tecnológicas

March 29-31, 2010

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| **Monday, March 29, 2010:** |
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|  | **Meeting location**: Room B; CIEMAT, Madrid, Avda. Complutense 22  |  |
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| **9.15 h** | Pick-up of the participants at the hotel “Tryp Washington/Menfis” and bus transport to CIEMAT |  |
| **9.30 h** | Registration and welcome of the participants at CIEMAT | L.E. HERRANZ,CIEMAT |
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| **10.00 h** | Visit to the FUSION facilities | J.SÁNCHEZCIEMAT |
| **11.00 h** | Visit to the MATERIALS laboratories | D. GÓMEZ-BRICEÑO,CIEMAT |
| **12.00 h** | Visit to the LASS | L.E. HERRANZCIEMAT |
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| **12.30 h** | **LUNCH BREAK** |  |
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|  | Restricted session |  |
| **13.30 h** | 1. Welcome of the CEG-SAM members by the Head of the Nuclear Fission Division | E. GONZÁLEZCIEMAT |
| **13.40 h** | 2. Welcome of the CEG-SAM members and opening remarks | M. HUGON, ECL.TOCHENY, ISTCV. STEPANENKO,STCU |
| **13.50 h** | 3. Adoption of the agenda of the 17th CEG-SAM meeting in Madrid | All |
| **13.55 h** | 4. Approval of the minutes of the previous 16th CEG-SAM meeting in Moscow, Russia, September 8-9, 2009 | All |
| **14.00 h** | 5. Discussion of the “Specific Action List” of the 16th CEG-SAM meeting | All |
| **14.10 h** | 6. Reports by the secretariats | M. HUGON, ECL.TOCHENY, ISTCV STEPANENKO, STCU |
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| **14.30 h** | 7. Preliminary discussion of updated and/or new ISTC/STCU project proposals  | All |
| **14.40 h** | 8. Outcomes of the ISTC project progress meeting #3831 in Nizhny Novgorod on “MCCI Experiments at Large-Scale Installation for Heating and Retention of Corium” in Sarov | D.BOTTOMLEY,JRC-ITUCh.JOURNEAU, CEAJURI STUCKERT, FZK |
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| **15.10 h** | COFFEE BREAK |  |
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| **15.30 h** | **Extended session** |  |
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| **15.30 h** | 9. Welcome of the participants by the host of the meeting | L.E. HERRANZ,CIEMAT |
| **15.35 h** | 10. Welcome of the Russian, Kazakh and Ukrainian colleagues;approval of the minutes of the 16th CEG-SAM meeting in Moscow, Russia;adoption of the agenda of the 17th CEG-SAM meeting in Madrid | M. HUGON, ECL.TOCHENY, ISTCV.STEPANENKO, STCU |
| **15.40 h** | 11. Status of the official CEG-SAM webpage | A. MIASSOEDOV, FZK |
| **15.45 h** | 12. Future of the CEG-SAM | M. HUGON, EC |
| **15.55 h**  | 13. Update on SARNET2 | B. CLEMENT, IRSN |
| **16.10 h** | 14. EU-Rosatom Project ERCOSAM: Containment thermal-hydraulics of current and future LWRs for severe accident management | S.GUENTAY, PSI |
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|  | **On-going project presentations** |  |
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| **16.30 h** | 15. Final report on the ISTC project #3690 on the “Fuel assemblies behaviour under severe accident top quenching conditions in the PARAMETER-SF test series (PARAMETER-SF3 and PARAMETER-SF4 experiments) | D. IGNATIEV,FSUE SRI LUCH |
| **17.00 h** | 16. PARAMETER SF4 preliminary post-test calculation | S. GUENTAY, PSI |
| **17.20 h** | 17. Preliminary PARAMETER-SF4 post-test calculation with ATHLET-CD | W. LUTHER, GRS |  |
| **17.40 h** | 18. PARAMETER-SF4 post-test calculation with MAAP 4.07 | A. SCHUMM, EdF |  |
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| **18.00 h** | Bus transport of the participants to the hotel “Tryp Washington/Menfis” |  |
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| **Tuesday, March 30, 2010** |
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| **8.30 h** | Pick-up of the participants at the hotel “Tryp Washington/Menfis” |  |
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| **10.30 h** | 19. Tour through the **José Cabrera NPP** in Almonacid de Zorita, about 70 kilometers east of Madrid |  |
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| **15.00 h** | Return to the hotel “Tryp Washington/Menfis” |  |
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| **20.00 h** | Official dinner, Reception by CIEMAT |  |
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| **Wednesday, March 31, 2010** |
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|  | **Meeting location**: Room B; CIEMAT, Madrid, Avda. Complutense 22  |  |
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|  | **Extended session** (continued) |  |
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| **8.30 h** | Pick-up of the participants at the hotel and bus transport to CIEMAT. |  |
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| **9.00 h** | 20. Progress report on the ISTC project #3592 "Corium Melt Interaction with Reactor Vessel Steel” (METCOR-P) | S. BECHTA, RIT-NITI |
| **9.30 h** | 21. Progress report on the ISTC project #3813 “Phase relations in corium systems” (PRECOS) | S. BECHTA,RIT-NITI |
| **10.00 h** | 22. 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, IBRAE RAS |
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| **10.30 h** | COFFEE BREAK |  |
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| **11.00 h** | 23. 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 |
| **11.30 h** | 24. 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 |
| **12.00 h** | 25. Status of the STCU project #4207 “Long-term prognosis of the behavior of the fuel dust in the Chernobyl Shelter” | V.PROTSAK,UIAR |
| **12.30 h** | 26. Status of STCU Project #5244 on “Research of objects - nuclear fuel interaction products with structural materials under heavy nuclear-radiation accidents” | V. KRASNOV,ISP NPP |
| **12.50 h** | 27. Status of the STCU project proposal #4758 on “Estimate - experimental research of hidden nuclearly -hazardous clusters of fuel-containing materials in the ruined Ch-NPP Unit 4” | V. KRASNOV,ISP NPP |
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| **13.10 h** | LUNCH BREAK |  |
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|  | **Updated and new project proposals** |  |
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| **14.00 h** | 28. Status of the STCU project proposal #5243 on “Interaction studies of improved VVER structural materials at severe accident conditions” | V. KORNYEYEVA,NFC KIPT |
| **14.30 h** | 29. ISTC project proposal on “Study of fuel assemblies with boron carbide absorber rods under severe accident conditions in the PARAMETER-SF test series” | A. GONTAR,FSUE SRI LUCH |
| **15.00 h** | 30. Next CEG-SAM meeting, September 2010 in St.Petersburg, Russian Federation | All |
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| **15.10 h** | **End of extended session**  |  |
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|  | COFFEE BREAK |  |
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|  | **Restricted session** (continued) |  |
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| **15.30 h** | 31. SARNET and CEG-SAM comments on new ISTC/STCU proposals | All |
| **15.50 h** | 32. Detailed discussion of the presented ISTC/STCU project proposals and eventually preparation of specific CEG-SAM advices; collaborators final engagement | All |
| **16.20 h** | 33. Discussion of various actions | All |
| **16.40 h** | 34. Other matters; Final remarks | M. HUGON, EC,L. TOCHENY, ISTCV. STEPANENKO,USTC |
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| **17.00 h** | **END OF THE MEETING** |  |
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|  | Adjourn |  |
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|  | Bus transport of the participants to the hotel “Tryp Washington/Menfis” |  |
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Chairman: M. HUGON, EC; Co-Chairman: L. TOCHENY, ISTC; Secretary: P. HOFMANN