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

**Contact Expert Group on Corium Management (CEG-CM)**

Agenda of the 4th Meeting

**St. Petersburg, September 18-19, 2003**

NITI, Research Institute of Technology, Sosnovy Bor, Leningrad reg.,

Meeting Location: St. Petersburg, House of Scientists; Conference Hall

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| **Wednesday, September 17:** | | |
| **To be**  **deter-mind** | CEG preparatory meeting; final discussion on agenda. | A. ZURITA,  P. HOFMANN  L. TOCHENY  S. BECHTA |
| **Thursday, September 18:** | | |
| **Restricted session** | | |
| **9.00 h** | 1. Welcome and opening remarks | A. ZURITA,  EC |
| **9.10 h** | 2. Adoption of the agenda | All |
| **9.20 h** | 3. Approval of the minutes of the previous 3rd CEG-CM meeting (Moscow, IBRAE, February 11-12, 2003) | All |
| **9.30 h** | 4. Specific action list | All |
| **9.50 h** | 5. Report by the Secretariat | A. ZURITA, EC  L. TOCHENY, ISTC |
| **10.10 h** | 6. Discussion on the enlargement of the technical scope of the ISTC CEG-CM | All |
| **10.40 h** | 7. Preliminary discussion/checking of individual ISTC proposals/projects | All |
| **11.00 h** | COFFEE BREAK |  |
| **Extended session** | | |
| **11.20 h** | 8. Welcome the Russian colleagues; discussion of the agenda | A. ZURITA,  EC |
| **11.30 h** | 9. Welcome and Review of research activities at the Research and Design Institute ATOMENERGOPROECT, St.Petersburg | V. BEZLEPKIN,  (SPAEP) |
| **11.50 h** | 10. Research activities on severe accidents within the EURATOM 6th Framework Program | A. ZURITA  EC |
| **12.10 h** | 11. Development of models and calculation tools for justification of radiation safety under NPP severe accident conditions | Yu. LEONTIEV  (SPAEP) |
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| **12.30 h** | LUNCH |  |
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| **13.30 h** | Departure to the Leningrad NPP (LAES) | By bus |
| **16.30 h** | Technical tour – Visit of LAES |  |
| **22.30 h** | Arriving to St. Petersburg (Hotel PRIBALTIYSKAYA) | By bus |
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| **Friday, September 19:** | | |
| **Extended session** (continued**)** | | |
| **9.00 h** | Welcome and introductory remarks | A. ZURITA,  EC |
| **9.10 h** | 12. Status on the project #1950.2 (CORPHAD) | S. BECHTA,  V. KHABENSKY,  RIT/NITI |
| **9.30 h** | 13. Status on the project # 833.2 (METCOR) | S. BECHTA,  V. KHABENSKY,  RIT/NITI |
| **9.50 h** | 14. Status on the project #1648 (QUENCH) | M. VESCHUNOV,  IBRAE/RAS |
| **10.10 h** | 15. Development of analytical model for the processes that took place with nuclear fuel of Unit 4 of the Chernobyl NPP during the active phase of the accident  RRC “Kurchatov Institute”, IBRAE | A. BOROVOI, S. BOGATOV (RRC “KI”) |
| **10.30 h** | 16. ISTC project proposals # 1445 and #1448.  VNIIEF (Arzamas-16), Sarov | A. GREBENNIKOV  M. SAMIGULIN  V. USTINENKO,  VNIIEF (Arzamas-16) |
| **10.50 h** | COFFEE BREAK |  |
| **11.20 h** | 17. Description and analysis of experiments, done at the reactor IGR, on study of behaviour of fuel during reactivity accidents  ICES - International Centre for Ecological Safety  VNIITF (Cheljabinsk-70), Nuclear Center of Kazakhstan, NIKIET | A.VASILIEV (ICES),  N. GORIN (RFNC-VNIIEF) |
| **11.40 h** | 18. Determination of parameters of fission product release from WWER irradiated fuel under beyond the design basis accident conditions, IPPE, Obninsk | A. LUKIANOV  (SSC RF IPPE) |
| **12.00 h** | 19. Development of verified models and three dimensional calculation codes for numerical modeling of spreading and interaction of molten materials in VVER type reactor under severe accidents, IPPE, Obninsk | V. KUMAYEV,  A. LUKIANOV  (SSC RF IPPE) |
| **12.20 h** | 20. Modeling of Reactor Core Behaviour under Severe Accident Conditions. Melt formation, relocation and evolution of molten pool.  ISTC project proposal # ??  IBRAE/RAS | M. VESCHUNOV,  V. CHUDANOV,  A. PALAGIN,  A. BOLDYREV  (IBRAE/RAS) |
| **12.40 h** | 21. Development of the International Standard (draft) “Analysis of severe accidents initiation capability during airplane crash on a NPP”  ICNS –International Center for Nuclear Safety | R. ISLAMOV, S. BUTORIN (ICNS) |
| **13.00 h** | 22. Impact of processes of nuclear reactor structure component degradation after severe accident on neutron, physics and dynamics characteristics of the reactor core, ICNS –International Centre for Nuclear Safety, NIKIET | R. ISLAMOV,  S. BUTORIN (ICNS)  A.VASSILIEV, (NIKIET) |
| **13.20 h** | LUNCH |  |
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| **Restricted session** (continued) | | |
| **14.30 h** | 23. Detailed discussion and preparation of the CEG-CM reports | All |
| **15.30 h** | 24. Other issues | All |
| **16.00 h** | 25. Next meeting. END OF THE MEETING | All |
| **16.10 h** | **Adjourn** |  |
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Chairman: A. ZURITA, EC; Co-Chairman: L. TOCHENY, ISTC; Secretary: P. HOFMANN

Final agenda ; September 18, 2003