Peter Hofmann September 17, 2009

Michel Hugon

**Action List**

15th CEG-SAM meeting; Villigen, Switzerland, March 10-12, 2009

**Action 15/1**: L.Tocheny (ISTC) and M.Hugon (EC) will invite members of the SAC to the 16th CEG-SAM meeting in Moscow, September 2009, to discuss possible future research activities in the framework of the CEG-SAM. *Action was not executed because of sharp decrease of funding for projects in ISTC/STCU.*

**Action 15/2**: J.Stuckert (FZK) will interact with V.Nalivaev (LUCH) and A.Kisselev (IBRAE) to integrate their various reports on PARAMETER test results into the CEG-SAM webpage. *Action completed*.

**Action 15/3**: D.Bottomley (JRC-ITU), Ch.Journeau (CEA), M.Krause (AECL), G.Pretzsch (GRS) and W.Tromm (FZK) will prepare an advice on how the STCU project proposal #4758 on “Characterization of hidden fuel in the ChNPP” could be re-directed to obtain valuable results for code validations. The advice should be circulated to the CEG-SAM members before it will be sent to V.Krasnov (ISP NPP). *D. Bottomley and G. Pretzsch revised the proposal and send it to V. Krasnov. Up to today they received not yet his comments*.

**Action 15/4**: S.Güntay (PSI), J.Stuckert (FZK) and K.Trambauer (GRS) will prepare an advice on the planned PARAMETER-SF5 and –SF6 test parameters (ISTC #3936) and send it to V.Nalivaev (LUCH) for further discussion at the 16th CEG-SAM meeting. *Action completed*.

**Pending actions**

**Action 14/4**: M.Hugon (EC) will supplement the CEG guidelines concerning the future extended scope of activities of the group to include also developments of numerical codes and experiments on safety (neutronics + thermal hydraulics). *(suspended until the results of the evaluations of the 3rd call of FP7 in July 2009).Action was not completed because no proposals were submitted in this area at the 3rd call of FP7.*

**Action 14/5:** M.Hugon (EC) will write an E-mail to J. Sanders (DG RTD – ISTC Secretariat) to be transmitted by him to the European members of ISTC/SAC and of the similar committee for STCU to ask them to re-consider the funding of ISTC project proposal #3702 (CHESS-2) at the next GB meeting as well as that of STCU project proposal #4207. Both proposals address the long-term behaviour of the corium lava after the Chernobyl accident. *STCU project # 4207 funded by Canada,* *but project proposal # 3702 not supported by SAC and therefore not funded*. *This action is now suppressed because of sharp decrease of funding for projects in ISTC/STCU.*

**Action 14/7:** L.Tocheny (ISTC) should provide invitations and visa support for the foreign participants at the 16th CEG-SAM meeting in Moscow in September 2009 (this request was expressed by IBRAE to CEG-SAM after the meeting). *Action completed*.

**Action List**

16th CEG-SAM meeting; Moscow, Russian Federation, September 8 to 9, 2009

**Action 16/1**: All ISTC/STCU project coordinators / collaborators should make a list of their joint open publications with the collaborators published in peer-reviewed international journals and/or conferences and send it to the CEG-SAM secretary, A. Miassoedov and J. Stuckert. The publications should be stored in the ISTC/CEG-SAM webpage by a link to the corresponding projects.

**Action 16/2**: D. Bottomley (JRC-ITU), Ch. Journeau (CEA), M.Krause (AECL) and G. Pretzsch (GRS) should prepare an advice for the STCU project proposal #4758 on “Natural and calculation-experimental research of processes of fuel melt interaction with construction materials for severe radiation accidents on nuclear power plants”

**Action 16/3**: P. Hofmann will add the advice #20 for the ISTC project # 3936 on “Study of fuel assemblies with boron carbide absorber rods under severe accident conditions in the PARAMETER-SF tests series; SF-5/SF-6” to the official advice list of the CEG-SAM.

**Action 16/4**: D. Bottomley (JRC-ITU), Ch. Journeau (CEA) and M. Krause (AECL) will contact V. Kornyeyeva (NFC KIPT) to explore the possibility of the execution of specific material interaction experiments at high temperatures in the Ukraine.

**Action 16/5**: J. Stuckert (FZK) will prepare a list of publications on chemical interaction experiments with core materials at high temperatures performed within the European research community. The list should be sent to V. Kornyeyeva (NFC KIPT) for her information and to the secretary.

**Action 16/6**: Ch. Journeau (CEA) will discuss possible activities in the research area of the ISTC project proposal # 1411 on “Experimental and numerical study of liquid metal boiling as simulation of accidents in fast reactor core” with interested colleagues within CEA. The outcome should be presented at the 17th CEG-SAM meeting.

**Action 16/7**: V. Loktionov (MPEI), coordinator of ISTC project #3635 “Scale experimental investigation of the thermal and structural integrity of the VVER pressure vessel Lower Head in severe accidents”, will discuss the remaining research activities of his project with L.Nicolas (CEA).