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Status [1]: registered, processed by secretariat; Status [2]: submitted to parties for board decision; Status [3]: accepted without funding; Status [5]: approved for funding, project agreement under preparation; Status [6]: project underway; Status [8]: project completed

| **Project****[status]** | **Short****project title****(acronym)** | **Leading****Institute** | **Financing****Parties** | **CEG-SAM****advices** | **Start****Duration** | **CEG-SAM project****collaborators** | **CEG-SAM project****monitors** | **Links with****current Euratom****co-sponsored projects** | **Links with****other current research****programmes** |
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| **ISTC****# 833.2**[8] | Corium Interaction with Reactor Vessel Steel(METCOR-2) | NITI(Sosnovy Bor) | EU:410000€ | A-01(Jun.2002) | June 20033.5 years(> Dec. 2006) | CEAFANPFORTUMFZKFZDIRSNJRC-ITUUSA |  | EC-SARNET- LATVES | OECD-MASCA |
| **ISTC****# 1950.2**[8] | Phase Diagrams for Corium(CORPHAD-2) | NITI(Sosnovy Bor) | EU:640000€ | A-04(Oct.2002) | Dec. 20033.5 years(> June 2007) | CEAFANPFZKIRSNJRC-ITUUSA |  | PLINIUSEC-SARNET | OECD-MASCA |
| **ISTC****# 1648.2**[6] | Post-Crash Fuel Reflood(VVER-QUENCH) | RIIAR (Dimitrovgrad) | EU:459000€ | A-02(Oct. 2002)A-05(Feb.2003) | June 20043.5 years(> Dec. 2007) | CEAFZKIRSNJRC-ITU |  | PHEBUS-FPLACOMERA- QUENCHEC-SARNET- EARLY |  |
| **ISTC****# 2936**[8] | Reactor Core Melting | NSI - IBRAE (Moscow) | EU: 112 k€KR: 60 k$ | A-06(Nov.2003) | Aug. 20043 years(> Aug. 2007) | FZKFZDIRSNJRC-ITUKAERI |  | PHEBUS-FPLACOMERA - LIVEEC-SARNET- EARLY, LATVES |  |

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| **Project****[status]** | **Short****project title****(acronym)** | **Leading****Institute** | **Financing****Parties** | **CEG-SAM****advices** | **Start****Duration** | **CEG-SAM project****collaborators** | **CEG-SAM project****monitors** | **Links with****current Euratom****co-sponsored projects** | **Links with****other current research****programmes** |
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| **ISTC****# 2916**[8] | Nuclear Fuel Behaviour during Chernobyl Accident(CHESS-1) | Kurchatov (Moscow) | EU: 202 k€CA: 150 k$  | A-07(Feb.2004) | Feb. 20052,5 years(> Aug. 2007) | AECLCEAGRSFZKIRSNJRC-ITU |  | EC-SARNET- EXCORE | OECD-MCCI |

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| **ISTC****# 3194**[8] | Fuel Assembly Tests(PARAMETER SF1 + SF2) | LUCH(Podolsk) | EU:300752€ | A-081(March 2005) | July 20052 years(> July 2007) | AEKICEAEDFFZKGRSIRSNJRC-ITU |  | EC-SARNET- ASTEC- QUENCH |  |
| **ISTC****# K-1265**[6] | Corium Melt Retention in RPV(INVECOR) | NNC RK(Kazakhstan) | EU:644628€ | A-09(June 2005) | May 20063 years(> May 2009) | CEAFZKFZDIRSNJRC-ITUUniv. PISA |  | EC-SARNET- ASTEC- LIVE |  |
| **ISTC****# 3345**[8] | Ex-Vessel Source Term Analysis(EVAN)Phase 1 | SPAEP(St.Petersburg) | EU:350000€ | A-10(Sept. 2005)Phase 1 | January 20071 year(> Jan. 2008) | CEACIEMATGRSIRSNPSIVTT |  | EC-SARNET- CORIUM- SOURCE TERM |  |

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| **ISTC****# 3592**[6] | Corium Interaction with Reactor Vessel Steel(METCOR-P) | NITI(Sosnovy Bor) | EU:421068€ | A-11(Oct. 2006) | April 20073 years(> April2010) | AREVA NPCEAFORTUMFZDFZKIRSNJRC-ITU |  | EC-SARNET |  |
| **ISTC****# 3690**[6] | Fuel Assembly Tests(PARAMETERSF3 + SF4) | LUCH(Podolsk) | EU:447094€ | A-15(Sept. 2007) | December20072 years(> Dec.2009) | AEKI/KFKIFZKGRSINRNEJRC-ITUPSI |  | EC-SARNET- ASTEC- QUENCH |  |
| **ISTC****# 3702**[3] | Long-term Corium Behaviour after the Chernobyl Accident(CHESS-2) | RRC-Kurchatov (Moscow) | requested345000US$ | A-13(May 2007) | 2.5 years | CEAFZKGRSIRSNJRC-ITUAECL, Can. | coupledwithISTC#4207 | EC-SARNET- EXCORE | OECD-MCCI |
| **ISTC****#3635**[6] | RPV Behaviour in Severe Accidents | MPEI(Moscow) | EU:429055€ | A-12(March 2007) | September20073 years(> Sept.2010) | CEAGRSFZDFZKJRC-ITUJapan RIT,SwedenUSA |  | EC-SARNET-ASTEC |  |

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| **Project****[status]** | **Short****project title****(acronym)** | **Leading****Institute** | **Financing****Parties** | **CEG-SAM****advices** | **Start****Duration** | **CEG-SAM project****collaborators** | **CEG-SAM project****monitors** | **Links with****current Euratom****co-sponsored projects** | **Links with****other current research****programmes** |
| **STCU****# 4207**[5] | Chernobyl Shelter(Long time behavior of Chernobyl fuel) | UIAR(Ukraine)ChNPP | Canada:300000US$ | A-14(May 2007) | 2.5 years | AECL Can.CEAFZKGRSIRSNJRC-ITU |  | EC-SARNET-CORIUM-SOURCE TERM |  |
| **ISTC****# 3813**[6] | Phase Relations in Corium(PRECOS) | NITI(Sosnovy Bor) | EU:634000€ | A-16(Sept. 2007) | June 20083 years(> June2011) | AREVACEAFZKIRSNJRC-ITU |  | EC-SARNET-CORIUM |  |
| **ISTC****# 3609**[3] | Flow Pulsation on Burnout in RPV(EXPULS)approved without funding;withdrawn, 08-2008 | NITI(Sosnovy Bor) | 184000US$ | A-17(Oct. 2007) | 2 years | FORTUMKAERI |  | EC-SARNET |  |
| **ISTC****# 3831**[5] | Large-scale Installation for Heating and Retention of Corium (phase 1) | RFNC-VNIIEF(Sarov) | EU:61535€ | (Oct. 2007) | 6 months | CEAEDFFZKJRC-ITU |  | EC-SARNET-CORIUM |  |

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| **Project****[status]** | **Short****project title****(acronym)** | **Leading****Institute** | **Financing****Parties** | **CEG-SAM****advices** | **Start****Duration** | **CEG-SAM project****collaborators** | **CEG-SAM project****monitors** | **Links with****current Euratom****co-sponsored projects** | **Links with****other current research****programmes** |
| **ISTC****# 3876**[6] | Thermo-hydraulics of U-Zr-O molten pool under oxidiz. conditions(THOMAS) | NSI – IBRAE(Moscow) | EU:196850€ | A-19(May 2008) | Dec. 20083 years(> Dec.2011) | CEAFZKIRSNIVS TrnavaJRC-ITU |  | EC-SARNET-CORIUM |  |
| **ISTC****# 3919**[2] | Experiments on the release of fission products(VERONIKA) | RIIAR(Dimitrovgrad) | requested960000US$ | A-18(Sept. 2007) | 5.5 years | AEKI/KFKIGRSFZKIRSNJRC-ITU |  | EC-SARNET |  |
| **STCU****# 4758**[1] | Characterization of hidden fuel containing clusters in the ChNPP | ISF NPP(Kiev) | requested199000US$ |  | 2.5 years | CEAGRSJRC-ITU |  |  |  |
| **ISTC****# 3936**[2] | Fuel Assembly Tests with B4C(PARAMETERSF5 + SF6) | LUCH(Podolsk) | requested600000US$ |  | 2 years | CEAAEKI/KFKIEdFFZKGRSINRNEJRC-ITUPSI |  | EC-SARNET- QUENCH |  |