ISTC projects recommended by the ‘Contact Expert Group on Severe Accidents Management (CEG-SAM)

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Status [2]: submitted to parties for board decision; Status [5]: approved for funding, project agreement under preparation

Status [6]: project underway

|  | **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** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **# 833.2**[6] | Corium Interaction with Reactor Vessel Steel(METCOR-2) | NITI(Sosnovy Bor) | EU: 410 k€ | A-01(Jun.2002) | June 20033 years | FZKFORTUMJRC-ITUCEAFANPFZR |  | EC-SARNET- LATVES | OECD-MASCA |
| **# 1950.2**[6] | Phase Diagrams for Corium(CORPHAD-2) | NITI(Sosnovy Bor) | EU: 640 k€ | A-04(Oct.2002) | Dec. 20033 years | FZKIRSNJRC-ITUCEAFANP |  | PLINIUSEC-SARNET | OECD-MASCA |
| **# 1648.2**[6] | Post-Crash Fuel Reflood(VVER-QUENCH) | NIIAR (Dimitrovgrad) | EU: 420 k€ | A-02(Oct. 2002)A-05(Feb.2003) | June 20043 years | FZKIRSNCEAJRC-ITUEDF |  | PHEBUS-FPLACOMERA- QUENCHEC-SARNET- EARLY |  |
| **# 2936**[6] | Reactor Core Melting | NSI - IBRAE (Moscow) | EU: 112 k€KR: 60 k$ | A-06(Nov.2003) | Aug. 20043 years | FZKFZRJRC-ITUIRSNCEAKAERI |  | PHEBUS-FPLACOMERA - LIVEEC-SARNET- EARLY, LATVES |  |
| **# 2916**[6] | Nuclear Fuel Behaviour during Chernobyl Accident(CHESS) | Kurchatov (Moscow) | EU: 202 k€CA: 150 k$  | A-07(Feb.2004) | Feb. 20052,5 years | GRSIRSNFZKCEAJRC-ITUAECL |  | EC-SARNET- EXCORE | OECD-MCCI |

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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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| **# 3194**[6] | Fuel Assembly Tests(PARAMETER) | LUCH(Podolsk) | EU: 300752€ | A-081(March 2005) | July 20052 years | CEAEDFFZKGRSIRSNJRC-ITU |  | EC-SARNET- ASTEC- QUENCH |  |
| **# K-1265**[6] | Corium Melt Retention in RPV(INVECOR) | NNC RK(Kazakhstan) | EU: 644628€ | A-09(June 2005) | May 20063 years | CEAFZKFZRGRSIRSNJRC-ITUUniv. PISA |  | EC-SARNET- ASTEC- LIVE |  |
| **# 3345**[5] | Ex-Vessel Source Term Analysis(EVAN)Phase 1 | SPAEP(St.Petersburg) | EU: 350k€ | A-10(Sept. 2005)Phase 1 | 1 year | CEAGRSIRSNJRC-ITUPSIVTT |  | EC-SARNET- CORIUM- SOURCE TERM |  |
| **# 3592**[5] | Corium Interaction with Reactor Vessel Steel(METCOR-P) | NITI(Sosnovy Bor) | EU: 421068€ | A-11(Sept. 2006) | 3 years | AREVA NPCEAFORTUMIRSNJRC-ITUFZKFZRKAERI |  | EC-SARNET |  |
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