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 2003  3 years | FZK  FORTUM  JRC-ITU  CEA  FANP  FZR |  | 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. 2003  3 years | FZK  IRSN  JRC-ITU  CEA  FANP |  | PLINIUS  EC-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 2004  3 years | FZK  IRSN  CEA  JRC-ITU  EDF |  | PHEBUS-FP  LACOMERA  - QUENCH  EC-SARNET  - EARLY |  |
| **# 2936**  [6] | Reactor Core Melting | NSI - IBRAE (Moscow) | EU: 112 k€  KR: 60 k$ | A-06  (Nov.2003) | Aug. 2004  3 years | FZK  FZR  JRC-ITU  IRSN  CEA  KAERI |  | PHEBUS-FP  LACOMERA  - LIVE  EC-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. 2005  2,5 years | GRS  IRSN  FZK  CEA  JRC-ITU  AECL |  | 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** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **# 3194**  [6] | Fuel Assembly Tests  (PARAMETER) | LUCH  (Podolsk) | EU: 300752€ | A-081  (March 2005) | July 2005  2 years | CEA  EDF  FZK  GRS  IRSN  JRC-ITU |  | EC-SARNET  - ASTEC  - QUENCH |  |
| **# K-1265**  [6] | Corium Melt Retention in RPV (INVECOR) | NNC RK  (Kazakhstan) | EU:  644628€ | A-09  (June 2005) | May 2006  3 years | CEA  FZK  FZR  GRS  IRSN  JRC-ITU  Univ. 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 | CEA  GRS  IRSN  JRC-ITU  PSI  VTT |  | 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 NP  CEA  FORTUM  IRSN  JRC-ITU  FZK  FZR  KAERI |  | EC-SARNET |  |
|  |  |  |  |  |  |  |  |  |  |