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

[Page 1 of 4, updated March 2008]

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: 410 k€ | A-01  (Jun.2002) | June 2003  3,5 years  (> Dec. 2006) | CEA  FANP  FORTUM  FZK  FZR  IRSN  JRC-ITU |  | EC-SARNET  - LATVES | OECD-MASCA |
| **ISTC**  **# 1950.2**  [6] | Phase Diagrams for Corium (CORPHAD-2) | NITI  (Sosnovy Bor) | EU: 640 k€ | A-04  (Oct.2002) | Dec. 2003  3,5 years  (> June 2007) | CEA  FANP  FZK  IRSN  JRC-ITU |  | PLINIUS  EC-SARNET | OECD-MASCA |
| **ISTC**  **# 1648.2**  [6] | Post-Crash Fuel Reflood  (VVER-QUENCH) | NIIAR (Dimitrovgrad) | EU: 459 k€ | A-02  (Oct. 2002)  A-05  (Feb.2003) | June 2004  3,5 years  (> Dec. 2007) | CEA  EdF  FZK  IRSN  JRC-ITU |  | PHEBUS-FP  LACOMERA  - QUENCH  EC-SARNET  - EARLY |  |
| **ISTC**  **# 2936**  [8] | Reactor Core Melting | NSI - IBRAE (Moscow) | EU: 112 k€  KR: 60 k$ | A-06  (Nov.2003) | Aug. 2004  3 years  (> Aug. 2007) | CEA  FZK  FZR  IRSN  JRC-ITU  KAERI |  | PHEBUS-FP  LACOMERA  - LIVE  EC-SARNET  - EARLY, LATVES |  |
| **ISTC**  **# 2916**  [8] | Nuclear Fuel Behaviour during Chernobyl Accident  (CHESS-1) | Kurchatov (Moscow) | EU: 202 k€  CA: 150 k$ | A-07  (Feb.2004) | Feb. 2005  2,5 years  (> Aug. 2007) | AECL  CEA  GRS  FZK  IRSN  JRC-ITU |  | EC-SARNET  - EXCORE | OECD-MCCI |

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

[Page 2 of 4, updated March 2008]

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| **ISTC**  **# 3194**  [8] | Fuel Assembly Tests  (PARAMETER) | LUCH  (Podolsk) | EU: 300752€ | A-081  (March 2005) | July 2005  2 years  (> July 2007) | AEKI  CEA  EDF  FZK  GRS  IRSN  JRC-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 2006  3 years  (> May 2009) | CEA  GRS  FZK  FZR  IRSN  JRC-ITU  Univ. PISA |  | EC-SARNET  - ASTEC  - LIVE |  |
| **ISTC**  **# 3345**  [6] | Ex-Vessel Source Term Analysis  (EVAN)  Phase 1 | SPAEP  (St.Petersburg) | EU:  350k€ | A-10  (Sept. 2005)  Phase 1 | January 2007  1 year  (> Jan. 2008) | CEA  CIEMAT  GRS  IRSN  JRC-ITU  PSI  VTT |  | EC-SARNET  - CORIUM  - SOURCE TERM |  |
| **ISTC**  **# 3592**  [6] | Corium Interaction with Reactor Vessel Steel  (METCOR-P) | NITI  (Sosnovy Bor) | EU:  421068€ | A-11  (Oct. 2006) | April 2007  3 years  (> April  2010) | AREVA NP  CEA  FORTUM  FZD=FZR  FZK  GRS  IRSN  JRC-ITU  KAERI |  | EC-SARNET |  |

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

[Page 3 of 4, updated March 2008]

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| **ISTC**  **# 3690**  [6] | Fuel Assembly Tests  (PARAMETER  SF3 + SF4) | LUCH  (Podolsk) | 447094€ | A-15  (Sept. 2006) | December  2007  2 years  (> Dec.  2009) | AEKI  FZK  GRS  INRNE  JRC-ITU  PSI |  | EC-SARNET  - ASTEC  - QUENCH |  |
| **ISTC**  **# 3702**  [2] | Long-term Corium Behaviour after the Chernobyl Accident  (CHESS-2) | RRC-Kurchatov (Moscow) | 345000  US$ | A-13  (May 2007) | 30 months | CEA  FZK  GRS  IRSN  JRC-ITU |  | EC-SARNET  - EXCORE | OECD-MCCI |
| **ISTC**  **#3635**  [6] | RPV Behaviour in Severe Accidents | MPEI  (Moscow) | 429055€ | A-12  (March 2007) | September  2007  3 years  (> Sept.  2010) | CEA  GRS  FZD  FZK  JRC-ITU  USA, Japan Sweden |  | EC-SARNET  -ASTEC |  |
| **STCU**  **# 4207**  [2] | Chernobyl Shelter | UIAR  (Ukraine)  ChNPP | 300000  US$ | A-14  (May 2007) | 30 months | CEA  FZK  GRS  IRSN  JRC-ITU |  | EC-SARNET  -CORIUM  -SOURCE TERM |  |

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

[Page 4 of 4, updated March 2008]

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| **ISTC**  **# 3813**  [5] | Phase Relations in Corium  (PRECOS) | NITI  (Sosnovy Bor) | 995610 US$ | A-16  (Sept. 2007) | 3 years | AREVA  CEA  FZD  FZK  GRS  IRSN  JRC-ITU  CEA |  | EC-SARNET  -CORIUM |  |
| **ISTC**  **# 3609**  [3] | Flow Pulsation on Burnout in RPV  (EXPULS) | NITI  (Sosnovy Bor) | 184000  US$ | A-17  (Oct. 2007) | 2 years | FORTUM  KAERI |  | EC-SARNET |  |
| **ISTC**  **# 3831**  [2] | Large-scale Installation for Heating and Retention of Corium | RFNC-VNIIEF  (Sarov) | (72764)  97000  US$ | (Oct. 2007) | 18 months | CEA  EDF  FZK  JRC-ITU |  | EC-SARNET  -CORIUM |  |
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