SDO Meeting
July 9, 2008

ISO TC 85 / SC 6

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- ISO TC 85 / SC 6 Subcommittee for Reactor Technology
- Chairman : Wade J. Richards
- Secretary : Thomas J. Myer
- Three working groups
  - - WG 1 Reactor Analysis and Measurments
    - Dr. Dimitrios Cokinos

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- Working groups (cont)
- WG 2 Research Reactors
  - - Mr. Tawfik Raby

  WG 3 Power Reactor Siting, Design, Operation and Decommissioning

  - Mr. F. Bouteille

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- On going and proposed standards development:
- WG 1
  - -Decay Heat Power in LWR's
  - Fast neutron fluence in the pressure vessels of light water reactors
  - Methodologies for the evaluation of fuel costs during reactor operation

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- WG 1 Work (Cont)
- - Nuclear data sets for reactor design calculations, based on ANS 19.1
- - Neutron reaction rate distributions and reactivity of nuclear power reactors, based on ANS 19.3
- - Reload startup physics tests for PWR’s, based on ANS 19.6.1

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- WG 1 Work (Cont)
- - Non-real time, high integrity software for the nuclear industry, based on ANS 10.7
- - Guidelines for the verification and validation of scientific and engineering computer programs for the nuclear industry, based on ANS 10.4

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- WG 2 Research Reactors

- - Technical Specifications for Research Reactors
- Qualifications, Training and Certification for personnel at Research and Test Reactors, based on ANS 15.4

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- WG 2 Work (cont)
- Radiation Protection at Research and Test Reactors, based on ANS 15.7
- Emergency Planning at Research and Test Reactors, based on ANS 15.16
- Decommissioning of Research and Test Reactors

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- WG 3
  - *Methodology to characterize NPP System, Structure and Component activation resulting from irradiation before dismantling*
- *Technical Requirements of Design and Fabrication Codes for GEN IV Nuclear Reactor Mechanical Components*
- Data assimilation methodology for radioactive inventory assessment of activated waste

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- WG 3 Work (cont)
- Essential Technical Requirements of Design and Fabrication Codes for GEN IV Nuclear Reactors