

**OECD/NRC Benchmark based on NUPEC BWR  
Full-size Fine-mesh Bundle Tests (BFBT) – First Workshop  
(BFBT-1)**

Asu-Nara Big Meeting Room (2F)  
Mitsui Garden Hotel  
Nara, Japan

4<sup>th</sup> October 2004

Hosted by

Japan Nuclear Energy Safety Organization (JNES), Japan

**PROGRAMME**

**Opening Session** (13:30-13:45) – *Chair: K. Ivanov*

- Introduction and Welcome – H. Nariai (JNES)
- Introduction of Workshop [01] and Benchmark [02] Participants
- Approval of Agenda [03]
- Organization of benchmark activities and benchmark team – E. Sartori (OECD/NEA) [04]

**Session 1** (13:45-15:15) – *Chair: A. Hotta*

Phase 1 – Void Distribution Benchmark

- Presentation of the specification of Phase 1, Exercises 1-3 – H. Utsuno (JNES) [05]
- Presentation of related topics from participants
  - D. H. Hwang, J. J. Jeong and W. K. In: Predictions of Void Distribution in a Nuclear Fuel Bundle using MATRA, COBRA-TF and CFX [06]
- Discussion of the specification – K. Ivanov (PSU)

**Coffee Break**

**Session 2** (15:30-16:45) – *Chair: A. Hotta*

Phase 2 – Critical Power Benchmark

- Presentation of the specification of Phase 2, Exercises 1-2 – H. Utsuno (JNES) [05]
- Presentation of related topics from participants
- Discussion of the specification – K. Ivanov (PSU)

**Closing Session** (16:45-17:00) – *Chair: E. Sartori*

- Action item and schedule of benchmark activities - next Workshop (BFBT-2), etc – K. Ivanov (PSU) [08]
- Conclusion and Closing Remarks – E. Sartori (OECD/NEA) [09]
- Actions [10]