

*The 1st OECD/NRC BFBT Benchmark
Workshop – BFBT-1*

***The OECD/NRC BWR Full-Size Fine-
Mesh Bundle Tests Benchmark (BFBT)
– List of Actions and Schedule***

October 4, 2004

Contents

- **Benchmark Time Frame**
- **List of Actions and Near Future Schedule**

Benchmark Time frame

Phase 1 – Void Distribution Benchmark

Exercise 1 – Steady-state sub-channel grade benchmark

Exercise 2 – Steady-state microscopic grade benchmark

Exercise 3 – Transient macroscopic grade benchmark

Phase 2 – Critical Power Benchmark

Exercise 1 – Steady-state benchmark

Exercise 2 – Transient benchmark

Table A. Time frame of NUPEC BWR full bundle test benchmark

| (Year) | 2004 | 2005 | 2006 |
|---------------|------------|------|------|
| Specification | ▼ NUTHOS-6 | | |
| Phase 1 | | | |
| Exercise 1 | | | |
| Exercise 2 | | | |
| Exercise 3 | | | |
| Phase 2 | | | |
| Exercise 1 | | | |
| Exercise 2 | | | |
| Documentation | | | |

List of Actions

- **Penn State, JNES and OECD will prepare summary record of the workshop – by the end of October 2004**
- **Penn State and JNES will finalize the benchmark specifications taking account for the discussion with participants in BFBT-1 – by the end of 2004**
- **OECD, Penn State and JNES will set up benchmark e-mail server, web-site and ftp site – end of 2004**
- **Deadline for submitting results for Exercises 1 of Phase 1 and Phase 2 – April 30, 2005**
- **Second Benchmark Workshop – BFBT-2 – 27-29 June 2005, Penn State, USA – Discussing modeling and results of Exercises 1 and 2 of Phases 1 and 2**