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Organisation de Coopération et de Développement Economiques
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**NUCLEAR ENERGY AGENCY
NUCLEAR SCIENCE COMMITTEE**

**NEA/SEN/NSC/WPPR(2004)1
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Working Party on the Physics of Plutonium Fuels and Innovative Fuel Cycles

**NOTIFICATION OF THE FIFTEENTH MEETING/
PROPOSED AGENDA**

**27 February 2004
Château de la Muette, Paris**

JT00156785

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OECD/NEA Nuclear Science Committee

**Fifteenth Meeting of NSC Working Party on
Physics of Plutonium Fuels and Innovative Fuel Cycles (WPPR15)**

27 February 2004
starting at 9h15

OECD Headquarters,
Chateau de la Muette, Room E
2 rue André Pascal, 75016 Paris, France

PROPOSED AGENDA

The fifteenth meeting of the NEA Nuclear Science Committee **Working Party on Physics of Plutonium Fuels and Innovative Fuel Cycles** will be held at the Château de la Muette, Room E, 2 rue André-Pascal, Paris, on 27 February 2004, starting at 9:15 a.m.

Delegates participating are advised that the security arrangements in force at OECD include the obligation to present an identity document bearing a photograph. This document will be requested at the time of issuing Delegates' cards for the meeting. It should be presented subsequently, together with the card, every time OECD premises are entered from the outside.

A map of the location can be found by accessing <http://www.nea.fr/html/general/map-oecd.pdf>. Hotels near the meeting place are listed in <http://www.nea.fr/html/general/oecd-hotels.html>.

1. Introductory Remarks

- a) Objectives of the Meeting
- b) Introduction of Participants

2. Review and Approval of the Agenda

3. Status of joint projects with TFRPD

4. Status of WPPR publications

5. CROCUS Kinetic Benchmark

- Decision about completion or further work

6. HTR Benchmark

- Summary of submitted results
- Presentations by participants
- Programme of work for completing current phase and for subsequent phases
- Status of ASTRA experiments compilation (IRPhE)
- Status of PBMR Core Physics Benchmark (PSU)

- 7. PWR Rod Ejection Benchmark**
 - Results of the PWR Rod Ejection Benchmark
 - Discussion
 - Programme of Work for completing the benchmark
- 8. Depletion calculation benchmark devoted to fuel cycle issues**
 - Draft Specification
 - Schedule
- 9. Other issues**
 - Proposals for Physics benchmarks for Gen IV reactor cores
 - Plutonium Management in the Advanced CANDU Reactor (ACR)
- 10. Reports from Different Projects**
 - Expert Group on Very-High Burnup Fuel Cycles in LWRs
 - Working Party on Partitioning and Transmutation (WPPT)
 - Status of IRPhE Project
- 11. Meetings of Interest to the WPPR + Publications**
 - Status of preparation for ARWIF-2004 Workshop
 - Physor-2004
 - ICAPP-2004 Congress
 - Mathematics and Computation 2005, Avignon, France
 - Physor-2006 and Physor-2008
- 12. Report on discussion on new Mandate held at the NSC Bureau meeting, December 2003**
 - Proposed new Terms of Reference
 - Programme of Work
- 13. Report to the NSC (June 2004)**
- 14. Date and Place of Sixteenth Meeting**