



**NUCLEAR ENERGY AGENCY  
NUCLEAR SCIENCE COMMITTEE**

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For Official Use**

**EXPERT GROUP MEETING ON SCIENTIFIC ISSUES IN FUEL BEHAVIOUR -  
INTERNATIONAL FUEL PERFORMANCE EXPERIMENTS DATA BASE (IFPE)**

**Proposed Agenda**

**8 March 2004  
Aix-en-Provence, France**

**JT00157405**

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**English - Or. English**

OECD/NEA Nuclear Science Committee  
in co-operation with the International Atomic Energy Agency

Expert Group Meeting

on

**Scientific Issues in Fuel Behaviour -  
International Fuel Performance Experiments Data Base (IFPE) -  
and Status of FUMEX-II Programme**

**PROPOSED AGENDA**

**Introduction**

This meeting will be held on 8 March 2004 in conjunction with the 'Les Journées de Cadarache 2004', International Seminar on "Pellet-Clad Interaction in Water Reactor Fuels" (PCI-2004), (see <http://www.nea.fr/html/science/fuel/PCI-workshop-20040309.htm>), scheduled for 9-11 March 2004 at Aix-en-Provence. Since a similar joint meeting with the first Fuel Modelling and Extended Burnup (FUMEX-II) meeting was held at the IAEA (16-19 December 2002), progress has been achieved in acquiring new data for the International Fuel Performance Experiments (IFPE) database. Some of these data are used in the FUMEX-II exercise which follows the standard compilation format and review procedures defined within the IFPE project. The IFPE meeting will review the status of the IFPE database and also the particular needs as related to FUMEX-II activities and the progress achieved in submitting the results for the different cases of the exercise.

**Objectives**

The meeting aims at: reviewing the status of the International Fuel Performance Experiments (IFPE) database, jointly developed in co-operation with the IAEA; monitoring progress achieved and handling of feedback from its use; identifying further improvements needed (comprehensiveness, form, QA); and proposing a programme for the next two years, in particular covering those issues related to the FUMEX-II activities. The status of the FUMEX-II exercise organised by the IAEA will be reviewed, and plans for the second FUMEX-II meeting discussed.

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Held in conjunction with PCI-2004  
(see <http://www.nea.fr/html/science/fuel/PCI-workshop-20040309.htm>)

**PROPOSED AGENDA**

REGISTRATION: 9:00 - 10:00

START: 10:00

1. Opening
  - Introduction of Participants
2. Objectives of the Meeting and of Expert Group
  - Approval of Agenda
3. Status of the IFPE Data Base
  - Recent Acquisition
  - Updates based on Feedback
  - Pending problems with some of the data
  - Data Being Released
  - Acquisitions required for improving Comprehensiveness
  - Data in support of PCMI modelling
4. Presentation of New Data of Interest for the IFPE Database and their Release
5. User Experience - Code Validation
6. FUMEX-II exercise
  - Data and cases released
  - Data in progress of release or in preparation
  - Solutions received
  - Schedule and activities for preparing next FUMEX-II meeting
7. Conclusions and Recommendations, report to NEA Nuclear Science Committee
8. Date and Place of Next Meeting - Closing

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**- International Fuel Performance Experiments Data Base (IFPE)**

**and Status of FUMEX-II Programme**

8 March 2004

Hôtel Novotel Pont-De-L'arc, Aix-en-Provence, France

**PARTICIPATION FORM**

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**Deadline: 6 February 2004**

Name:

Organisation:

Address:

Phone:

Fax:

E-mail:

I wish to make the following presentation:

under the following agenda item:

I wish that the following topic be discussed:

For hotel reservation please use the same form as for PCI-2004  
(<http://www.nea.fr/html/science/fuel/PCI-workshop-20040309.htm>)