

02/10/2008

**Quadripartite Working Group Meeting
on
New Reactor Designs
October 8 – 10, 2008
Paris, France**

Agenda

October 8, 2008: Tour visit of Flamanville 3

07:12 a.m. Departure by train N°3303 from Paris St Lazare (By 14 metro line from Gare de Lyon)
Each person is responsible to purchase their own round-trip train ticket
Meeting point at the plate form access to train at 07:00 a.m.

10:02 a.m. Arrival in Cherbourg

Travel by EDF bus to Flamanville

11:00 a.m - 12:00 p.m. EDF presentation : history and building state

12:00 p.m. -1:30 p.m. Building site visit

1:30 p.m. – 3:30 p.m. Lunch at Le Sémaphore organised by EDF

3:30 p.m. Departure by EDF bus to Cherbourg

4:52 p.m. Departure by train N°3314 from Cherbourg

7:36 p.m. Arrival in Paris

**Quadripartite Working Group Meeting
on
New Reactor Designs**

October 9, 2008

(Welcome from 8:00 a.m. ASN headquarters 6, Place du Colonel Bourgoin 75012)

Welcome and Opening Remarks (8:30 – 8:45 a.m.)

GPR-chairman
ASN – DG ASN

Session Chairman P. GOVAERTS, GPR

1 EPR generalities 8:45 – 9:45 a.m.

- EPR Licensing Process
- ACRS Role in Design Certification

GPR (Ph. DUPUY)
ACRS (M. BONACA)

2 Overview EPR design 9:45 – 10:45 a.m.

- EPR Safety Approach
- EPR General Design

GPR (D. QUENIART)
GPR (J.M. EVRARD)

Coffee break (10:45 – 11:15 a.m.)

3 Break preclusion (11:15 a.m. – 12:15 p.m.)

- German Concept of Break Exclusion
- Safety approach regarding the ruptures of the primary coolant pipes in the pressurized water reactor

RSK (F. OTREMBA)
GPR (B. BARRACHIN)

Lunch Break (12:15 – 01:30 p.m.)

Session Chairman K.D. BANDHOLZ, RSK

4 Severe accidents (01:30 – 02:15 p.m.)

- Severe Accidents

GPR (M. DURIN)

5 Internal and external hazards (02:15 – 03:15 p.m.)

- General Presentation
- Fire Risk in Nuclear power Plants

GPR (J.M. MATTEI)
ACRS (D. POWERS)

Coffee break 03:15 – 03:45 p.m.

Internal and external hazards continue (03:45 – 04:45 p.m.)

- Seismic Safety of Nuclear Power Plant
- Lessons learned from the Blayais event

NSC (K. SODA)
GPR (B. FOUREST)

Free time 05:15 – 07:00 p.m.

Dinner 07:00 p.m. (hosted by ASN)

**Quadripartite Working Group Meeting
on
New Reactor Designs**

October 10, 2008

(Welcome from 8:00 a.m. ASN headquarters 6, Place du Colonel Bourgoin 75012)

Session Chairman D. POWERS, ACRS

6 PSA (8:30 – 10:30 a.m.)

- | | |
|--|-------------------|
| • PSA For Design Certification and
Combined License Application | ACRS (J. STETKAR) |
| • PSA in Germany – Status and Insights | RSK (C. SPITZER) |
| • Use of PSA in France | GPR (J.M. LANORE) |
| • Use of PSA for Enhancing Nuclear Safety | NSC (A. HIDAKA) |

Coffee break (10:30 – 11:00 a.m.)

7 Thermal-hydraulics (accidents studies including advanced methods) (11:00 – 12:00)

- | | |
|--|------------------|
| • EPR Accidents studies including Advanced Methods | GPR (M REOCREUX) |
| • Accident Analysis | ACRS (D.POWERS) |

Lunch Break (12:00 – 01:30 p.m.)

Session Chairman K. SODA, NSC

Thermal-hydraulics continue (1:30 – 2:30 p.m.)

- | | |
|--|------------------------|
| • ROSA Project of JAEA:
Integrated Experiments for Validation and Development of Advanced Codes
for Accident Analysis for Enhancing Nuclear Safety | NSC (H. NAKAMURA) |
| • Prevention of fuel melting in fuel storage pool | GPR (M. POUGET-ABADIE) |

8 Summary of Working Group Meeting

9 Other Issues related to Quadripartite Activities

- | | |
|--|-----|
| • Technical Topics of Interest Since
the Last Quadripartite Working Group | All |
| • Preparation of a Working Group Meeting next year | NSC |

10 Miscellaneous

End of meeting 04:30 p.m.