

Multinational Design Evaluation Programme (MDEP)

# **2<sup>nd</sup> MDEP Conference on New Reactor Design Activities**

OECD Conference Centre  
Room CC12  
15-16 September 2011

## **Programme**

OECD Nuclear Energy Agency (NEA)  
Technical Secretariat

# 15 September 2011

## SESSION 1

**Chair: Mr. André-Claude Lacoste, MDEP Policy Group (PG) Chair, President, ASN**

### 09:00 – 10:00 Welcome and opening of conference

- Welcoming remarks  
Mr. Luis Echávarri, *Director-General, OECD Nuclear Energy Agency (NEA)*
- MDEP Policy Group (PG) Chair, Introductory remarks and overview of the MDEP  
Mr. André-Claude Lacoste, *MDEP PG Chair, President, Autorité de Sureté Nucléaire (ASN)*
- PG member round table  
All PG members and representatives\*

## SESSION 2 (Part I)

**Chair: Mr. Bo Tang, China PG representative, Deputy Director-General NNSA**

### 10:00 – 11:00 MDEP activities and accomplishments of the design-specific working groups (EPR and AP1000 working groups)

- Presentation by the MDEP on activities and accomplishments
  - Mr. Petteri Tiippana, *Chair of the EPRWG, STUK*
  - Ms. Eileen McKenna, *Chair of the AP1000WG, US NRC*

### 11:00 – 11:15 Break

\* Mr. Bo Tang, *Deputy Director General, NNSA (China)*; Mr. Terry Jamieson, *Vice-President, CNSC (Canada)*; Mr. Jukka Laaksonen, *Director-General, STUK (Finland)*; Mr. André-Claude Lacoste, *President, ASN (France)*; Mr. Koichiro Nakamura, *Deputy Director-General, Nuclear Safety, NISA (Japan)*; Mr. Youn-Won Park, *Director of International Nuclear Safety Division, KINS (Korea)*; Dr. Nikolay Kutin, *Chairman, Rostechnadzor (Russian Federation)*; Mr. Boyce Mkhize, *CEO, NNR (South Africa)*; Dr. Mike Weightman, *HM Chief Inspector, ONR (United Kingdom)*; Mr. Gregory B. Jaczko, *Chairman, US NRC (United States)*.

## **SESSION 2 (Part II)**

**Chair: Mr. Jukka Laaksonen, Finland PG member, Director-General, STUK, Chair, Western European Nuclear Regulators Association (WENRA)**

### **11:15 – 12:30 Design-specific activities panel**

- Panel discussion on new reactor designs and evaluations  
MDEP representatives:
  - Mr. Thomas Houdré, *France, Steering Technical Committee (STC) Member, ASN*
  - Mr. Dave Newland, *Canada STC Member, CNSC*Industry representatives:
  - Mr. François Bouteille, *Senior Vice-President Safety & Licensing, AREVA*
  - Mr. Sandy Rupperecht, *Vice-President, AP1000 Product Delivery Systems, Westinghouse Electric Company*
  - Mr. Christopher Bakken, *Project Director - Hinkley Point C, Nuclear Build Operations, EDF Energy*
  - Mr. Dingjin Hu, *Director, TNPJVC, Paris Office*

### **12:30 – 14:00 Lunch**

## **SESSION 3**

**Chair: Mr. Nikolay Kutin, Russia PG member, Chair, Rostechnadzor**

### **14:00 – 15:00 MDEP activities and accomplishments of the Digital Instrumentation and Control Working Group (DICWG)**

- Presentation by the MDEP on activities and accomplishments
  - Mr. Dan Santos, *Chair of the DICWG, US NRC*
- Panel discussion on digital I&C topics  
MDEP representatives:
  - Mr. Dave Watson, *UK STC member, ONR*
  - Mr. Petteri Tiippana, *Finland STC member, STUK*Industry and standards development organisation representatives:
  - Mr. Jean-Paul Bouard, *IEC SC45A Secretary, IEC*
  - Mr. Kookhun Kim, *Vice-President, Doosan Heavy Industries and Construction*

### **15:00 – 15:30 Break**

## **SESSION 4**

**Chair: Mr. Boyce Mkhize, South Africa PG member, CEO, NNR**

### **15:30 – 17:00 MDEP activities and accomplishments of the mechanical Codes and Standards Working Group (CSWG)**

- Presentations on activities and accomplishments
  - Mr. Xuejun Wei, *Chair of the CSWG, CNSC*
- Panel discussion on codes and standards topics

MDEP representatives:

- Dr. Kiyoharu Abe, *Japan STC member, JNES*
- Mr. Bo Tang, *China STC Member, NNSA*

Representatives from standards development organisations (SDOs):

- Mr. Masaki Morishita, *Deputy Director-General, JAEA, JSME representative*
- Ms. Cecile Laugier, *President, AFCEN*

WNA/CORDEL representative, short presentation on CORDEL's pilot project:

- Mr. Nawal Prinja, *Technical Director, AMEC/Hindustan Construction Company (HCC)*

**17:00 – 17:15 Break**

## **SESSION 5**

**Chair: Mr. Mike WEIGHTMAN, United Kingdom PG member, HM Chief Nuclear Inspector, ONR**

### **17:15 – 18:15 Fukushima-related issues**

- Presentation and update on the Fukushima accident and recovery
  - Mr. Koichiro Nakamura, *Japan PG member, Deputy Director-General, NISA*

- Panel discussion

MDEP representatives:

- Mr. Gregory Jaczko, *United States PG member, US NRC Chair*
- Mr. Jukka Laaksonen, *Finland PG member, Chair, STUK and WENRA*
- Dr. Youn-Won Park, *Korea PG representative*

World Association of Nuclear Operators (WANO)  
representative:

- Mr. Laurent Stricker, WANO *Chairman*

**18:30 Reception in the Espace Expresso**

## 16 September 2011

### SESSION 6

**Chair: Mr. Terry Jamieson, Canada PG Member, Vice-President, CNSC**

**09:00 – 10:15 MDEP activities and accomplishments of the Vendor Inspection Co-operation Working Group (VICWG)**

- Presentation by the MDEP on activities and accomplishments
  - Mr. Sungho Yang, *Chair of the VICWG, KINS*
- Panel discussion on vendor inspection co-operation topics

MDEP representatives:

- Mr. Yuri Meltsov (VO “Safety”), *Russia STC representative and VICWG member*
- Mr. Sébastien Crombez (ASN), *France STC member*

Vendor representatives:

- Mr. Tsuyoshi Nakamura, *General Manager, JSW*
- Mr. Sukkwan Kim, *Vice-President, NPP Quality Control, Doosan Heavy Industries and Construction*

**10:15 – 10:30 Break**

### SESSION 7

**Chair: Mr. Michael Micklingoff, Chair, WNA/CORDEL**

**10:30 – 12:30 Industry initiatives on new reactor designs**

- CORDEL activities
  - CORDEL vision and action plan on activities outside those given in individual presentations:
    - Mr. Raidis Zemdegis, *AECL and CORDEL member*

International industry licensing survey:

- Mr. Christian Raetzke, *Co-chairman of the WNA task force on licensing and permitting*

Safety classification:

- Mr. Jan Pauly, *E.ON and representative of the joint FORATOM-ENISS and WNA/CORDEL Group*

- Industries activities panel

MDEP representatives:

- Mr. Gary Holahan *United States STC chair, US NRC*
- Mr. Peter Bester, *South Africa STC member, NNR*

Industry representatives:

- Ms. Marjo Mustonen, *OL3 Nuclear Safety Manager and Director of Construction, TVO*
- Mr. Jerry Head, *Senior Vice-President, Regulatory Affairs, GE-Hitachi Nuclear Energy*
- Mr. Xavier Pouget-Abadie, *Senior Safety Advisor, EDF*

**12:30 – 14:00 Lunch**

## **SESSION 8**

**Chair: Mr. Gregory Jaczko, United States PG member, US NRC**

**14:00 – 15:30 Concluding panel**

MDEP PG representative:

- Mr. André-Claude Lacoste, *MDEP PG Chair*

Reactor vendor representative:

- Mr. Luc Oursel, *President and CEO, AREVA*

Licensee representative:

- Mr. Dominique Lagarde, *Director of New Nuclear Engineering, EDF*

SDO representative:

- Mr. Masaki Morishita, *Deputy Director-General, JAEA and JSME representative*

Regulatory authority representative:

- Mr. Bajaj, *Chairman, AERB*

WENRA representative:

- Mr. Jukka Laaksonen, *Chair, WENRA*

NEA representative:

- Mr. Luis Echávarri, *Director-General, OECD/NEA*

**15:30 – 16:00 Break**

**16:00 Conclusion and closing of the conference**

Mr. André-Claude Lacoste, *MDEP PG Chair, President, ASN*

**16:30 End of conference**

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