

**Multinational Design Evaluation Programme (MDEP)**

**3<sup>rd</sup> MDEP Conference  
on New Reactor Design Activities**

**Bethesda, Maryland, USA**

**14-15 May 2014**

**Programme**

# 14 May 2014

## OPENING SESSION

**Chairs: Dr. Allison Macfarlane, MDEP Policy Group (PG) Chair,  
Chair US NRC  
Mr. Javier Reig, Nuclear Energy Agency**

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

- Welcoming and introductory remarks

Dr. Allison Macfarlane and Mr. Javier Reig

- Summary of MDEP achievements

Ms. Sophie Murlon and Mr. Gary Holahan, MDEP Steering Technical Committee

## SESSION 1

### Design-Specific Working Groups

#### 10:15-12:00

**Chairs: Mr. Petteri Tiippana, Finland PG member,  
Director-General STUK  
Mr. Fredrik Hassel, Sweden PG member,  
Deputy Director-General SSM**

- Introduction of the session
- MDEP activities and accomplishments
  - Mr. Lawrence Burkhart, *Chair of the AP1000WG, US NRC*
- Industry activities related to new reactor designs
  - Mr. Richard DeLong, *Director, International Licensing and Regulatory Support, Westinghouse, USA*
  - Mr. Claude Jaouen, *Senior Executive Vice President, Reactors & Services, AREVA, France*
  - Dr. Hae-Ryong Hwang, *Senior Vice President and Director of KEPCO E&C Power Engineering Research Institute, Korea*
  - Mr. Zonglin Guo, *Deputy General Manager, TNPJVC, China*
  - Mr. Mikhail Bykov, *Deputy Designer General, OKB Gidropress, Russian Federation*
- Discussion

**12:00-14:00 Lunch**

## **SESSION 2**

### **Commissioning Activities**

**14:00-15:30**

**Chairs: Mr. Wang Zhongtang, China PG member,  
Vice-Administrator NNSA  
Mr. William Travers, United Arab Emirates,  
Director General FANR**

- Introduction of the session
- MDEP activities and accomplishments
  - Mr. Tapani Virolainen, *Chair of the EPRWG, STUK, Finland*
- Industry activities related to commissioning of new reactors
  - Mr. Shenjie Gu, *Deputy Chief Engineer, SNERDI, China*
  - Mr. Jeff Gasser, *Executive Vice President Operational Readiness, Vogtle 3 and 4, USA*
  - Mr. Dominique Lagarde, *Senior Vice-President Nuclear Engineering , EDF, France*
  - Mr. Yunho Kim, *Director, KHNP Washington DC Center, Korea*
  - Mr. G. Nageswara Rao, *Executive Director of Operation, NPCIL, India*
- Discussion

**15:30-16:00 Break**

## SESSION 3

### Vendor Inspection

16:00-17:45

**Chairs:** **Dr. S. S. Bajaj**, *Indian PG member,*  
*Chair AERB*  
**Mr. Yong Hwan Kim**, *Korean PG representative,*  
*Secretary General NSSC*

- Introduction of the session
- MDEP activities and accomplishments
  - Mr. Richard Rasmussen, *Chair of the VICWG, US NRC*
- Industry activities related to vendor inspection
  - Mr. Francis Muguet, *NQSA Technical Manager, ISO*
  - Mr. Hwoang Yoon Park, *General Manager of Nuclear Quality Control in Nuclear Business Group, Doosan Heavy Industries and Construction co., Ltd., Korea*
  - Mr. Serge Montrichard, *SG Product Line Manager, Valinox Nucléaire, France*
  - Mr. Steve Vaslet, *Licensing Director, Hinkley Point C Project, NNB GenCo, UK*
- Discussion

**17:45**    **End of day 1**

# 15 May 2014

## SESSION 4

### Digital Instrumentation and Control

8:30-10:00

**Chairs: Mr. Fredrik Hassel, Sweden PG member,  
Deputy Director-General SSM  
Mr. Petteri Tiippana, Finland PG member,  
Director-General STUK**

- Introduction of the session
- MDEP activities and accomplishments
  - Mr. Daniel Santos, *Chair of the DICWG, US NRC*
- Industry activities in relation with digital I&C
  - Mr. Gary Johnson, *International Electrotechnical Commission IEC/SC45A Chair*
  - Mr. Johannes Pickelmann, *Chair of the CORDEL Digital I&C Task Force*
  - Mrs. Marjo Mustonen, *Senior Vice President of Nuclear Safety, TVO, Finland*
  - Mr. Richard Delong, *International Licensing and Regulatory Support, Westinghouse, USA*
  - Mr. Warren R. Odess-Gillett, *Institute of Electrical and Electronics Engineers*
- Discussion

**10:00-10:30 Break**

## SESSION 5

### New reactor activities related to the Fukushima Daiichi accident

10:30-12:00

**Chairs:** Mr. Pierre-Franck Chevet, *France PG member, Chair ASN*  
Mr. Daiji Takeuchi, *Japan PG representative, Director-General for Nuclear Regulatory Technical Affairs NRA*

- Introduction of the session
- MDEP activities and accomplishments
  - Mr. Tim Allmark, *Superintending Inspector, UK STC representative, ONR*
- Other activities related to the follow up of the Fukushima Daiichi accident
  - Mr. Javier Reig, *Committee on Nuclear Regulatory Activities Bureau, Nuclear Energy Agency*
  - Mr. Bernard Chaloin, *Co-Leader of the WANO Design Project, WANO*
  - Mr. Jim Lyons, *Division Director of Nuclear Installation Safety, IAEA*
  - Mr. Douglas J. Walters, *Vice President of regulatory affairs, Nuclear Energy Institute, USA*
  - Dr. Hans Wanner, *ENSI Director General, Chair, WENRA*
- Discussion

12:00-14:00 **Lunch**

## **SESSION 6**

### **Codes and Standards Harmonisation**

**14:00-15:30**

**Chairs: Mr. Terry Jamieson, Canadian PG member,  
Vice-President CNSC  
Mr. Valery Bezzubtsev, Russian PG member,  
Deputy Chair Rostekhnadzor**

- Introduction of the session
- MDEP activities and accomplishments
  - Mr. Xue Jun Wei, *Chair of the CSWG, CNSC, Canada*
- Industry activities related to harmonisation of codes and standards
  - Pr. Nawal Prinja, *Technical Director of AMEC Clean Energy Europe, CORDEL*
  - Mr. Kevin Ennis, *Director, ASME, USA*
  - Mr. Denis Buisine, *President of the Drafting Committee, AFCEN, France*
  - Mr. Haruei Miyaguchi, *Secretary of Main Committee on Power Generating Facility Code, JSME, Japan*
- Discussion

**15:30-16:00 Break**

## **SESSION 7**

### **MDEP Way Forward and Related Activities**

**16:00-17:30**

**Chairs: Dr. Allison Macfarlane, MDEP PG Chair,  
Chair US NRC  
Mr. Pierre-Franck Chevet, France PG member,  
Chair ASN**

- Introduction of the session
- Other initiatives of harmonisation in the nuclear safety area and interaction with MDEP
  - Ms. Sophie Mourlon, MDEP Steering Technical Committee Chair
  - Mr. Glenn M. Tracy, Committee on Nuclear Regulatory Activities Bureau, US NRC
  - Mr. Jerald G. Head, Senior Vice-President for Regulatory Affairs of GE-Hitachi, Chair of CORDEL
  - Mr. Tom O'Connor, Director of the Office of Advanced Reactor Technologies in the Office of Nuclear Energy at the Department of Energy, Generation IV International Forum (GIF)
  - Mr. Jim Lyons, Division Director of Nuclear Installation Safety, IAEA
  - Mr. Petteri Tiippana, Director-General STUK, WENRA
- Discussion

## **CLOSING SESSION**

**Chairs: Dr. Allison Macfarlane, MDEP PG Chair,  
Chair US NRC  
Mr. Javier Reig, Nuclear Energy Agency**

**17:30-18:00 Conclusion and Closing of the Conference**

- Conference summary and way forward



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