

## Agenda for IAEA's Consultancy on Advanced NPP Construction Technologies

VIC F0158, Vienna, Austria

9 – 12 June 2009

Tuesday, 09 June 2009

|       |  |   |
|-------|--|---|
| 09:30 | Welcoming and opening remarks  | Akira Omoto, (IAEA)   |
| 09:35 | Self-introduction  | All participants  |
| 09:45 | Background of the project, overview of the draft document and objectives of the meeting  | Bismark. Tyobeka, (IAEA)  |
| 10:15 | Review of the Draft NE Series Document on NPP Construction Methods – Chapter 3 – <b>Pre-project and Site Infrastructure Activities</b> | Presentation and Facilitation by Mike Baron (Exelon Corporation, USA) |
| 11:00 | <i>Coffee Break</i>  |   |
| 11:20 | HCC's activities in NPP Construction with Special Focus on Kudankulam 2x1000 MWe VVER of Russian Design                                | Prabir Chakravarty, (HCC, India)                                      |
| 11:55 | Construction methods used in the Higashidori 1 NPP Project   | Kimitoshi Yahagi (TEPCO, Japan)                                       |
| 12:30 | <i>Lunch Break</i>   |   |
| 14:00 | Recent construction experience of L&T Mumbai and other Nuclear Business capabilities   | Srinivas Eleswarapu (Larsen & Turbo, India)                           |
| 14:30 | Evolution of AECL construction methodologies – Past, present and future  | James Byrne (AECL, Canada)  |
| 14:50 | Murray & Robert's activities in nuclear power  | Malose Chaba (Murray and Roberts Ltd, South Africa)                   |
| 15:20 | <i>Coffee Break</i>  |   |
| 15:50 | SC Module Application for APR 1400 - results of recent studies.  | Hyun-Chul Kim– KHNP, Rep. of Korea                                    |
| 16:20 | Recent NPP Construction experiences of Vinci Construction  | Hugues Pialoux (Vinci Construction, France)                           |
| 16:50 | Experiences in the Westinghouse AP 1000 construction projects in China   | Xiaoliang Deng (CNI23 – China)  |
| 17:30 | Westinghouse's NPP Construction efforts to date  | Vince Concel, Westinghouse, USA                                       |
| 18h00 | Adjourn Day 1  |   |
| 19h00 | Heuriger Dinner  | All Participants  |

**Wednesday, 10 June 2009**

|       |  |   |
|-------|--|---|
| 09:30 | Review of the Draft NE Series Document on NPP Construction Methods – Chapter 4 – Construction Activities and Methods of Generic Applicability to All Building Groups – <b>Civil and Structural Works</b>           | Presentation and Facilitation by Azhar Khan (AECL, Canada)            |
| 11:00 | <i>Coffee Break</i>  |   |
| 11:30 | Review of the Draft NE Series Document on NPP Construction Methods – Chapter 4 – <b>Construction Activities and Methods of Generic Applicability to All Building Groups – Mechanical Installations</b>             | Presentation and Facilitation by Farid Berry (Sargent and Lundy, USA) |
| 13:00 | <i>Lunch Break</i>   |   |
| 14:30 | Review of the Draft NE Series Document on NPP Construction Methods – Chapter 4 – <b>Construction Activities and Methods of Generic Applicability to All Building Groups – Electrical and I&amp;C Installations</b> | Presentation and Facilitation by Vinod Agrawal (NPCIL, India)         |
| 15:30 | Review of the Draft NE Series Document on NPP Construction Methods – Chapter 4 – <b>Construction Activities and Methods of Generic Applicability to All Building Groups – Materials of Construction</b>            | Presentation and Facilitation by Mike Baron (Exelon Corporation, USA) |
| 16h30 | <b>Eco-Friendly Construction</b>   | Presentation and Facilitation by Farid Berry (Sargent and Lundy, USA) |
| 17:00 | Adjourn Day 2  |   |

**Thursday, 11 June 2009**

|       |  |   |
|-------|--|---|
| 09:30 | Review of the Draft NE Series Document on NPP Construction Methods – Chapter 5 & 6 - <b>Construction Activities and Technologies Specific to Containment and Turbine Generator Buildings</b> | Presentation and Facilitation by Azhar Khan (AECL, Canada)  |
| 11:00 | <i>Coffee Break</i>  | <i>all participants</i>   |
| 11.30 | Review of the Draft NE Series Document on NPP Construction Methods – Chapter 7 - <b>Construction Activities and Technologies Specific to Intake and Discharge Structures</b>                 | Presentation and Facilitation by Hyun-Chul Kim, KHNP, Rep. of Korea   |
| 12.30 | <i>Lunch Break</i>   |   |
| 14.00 | Review of the Draft NE Series Document on NPP Construction Methods – Chapter 8 - <b>Modularization</b>   | Presentation and Facilitation by - Edward Shyloski (Shaw Group, USA) and Thinus Greyling (PBMR Pty Ltd, South Africa) |
| 15.30 | <i>Coffee Break</i>  |   |
| 16.00 | Review of the Draft NE Series Document on NPP Construction Methods – Chapter 9 – <b>Open Top Construction Methods</b>  | Presentation and Facilitation by – Hiroya Mori, (Toshiba NE, Japan)   |
| 17.00 | Adjourn Day 3  |   |

**Friday 12 June 2009**

|       |   |   |
|-------|---|---|
| 09:30 | Review of the Draft NE Series Document on NPP Construction Methods – Chapter 10 – <b>Quality Assurance, Inspection and Testing</b>    | Presentation and Facilitation by – Farid Berry (Sargent and Lundy, USA) |
| 11:00 | <i>Coffee Break</i>   |   |
| 11.30 | Review of the Draft NE Series Document on NPP Construction Methods – Chapter 11 – <b>Integrated Project Planning &amp; Management</b> | Presentation and Facilitation by Mike Baron (Exelon Corporation, USA)   |
| 12:30 | <i>Lunch Break</i>  |   |
| 14:00 | General Discussions on the document and suggestions for next steps/follow-up activities   | All – Facilitated by Sama Bilbao, (IAEA)                                |
| 15:00 | <i>Adjourn Day 4</i>  |   |
|       |   |   |

|  |  |  |
|--|--|--|
|  |  |  |
|--|--|--|