

# Agenda for 2016 AIT-TECRO Joint Standing Committee Meeting on Civil Nuclear Cooperation

Sandia National Laboratories: Center for Global Security and Cooperation (CGSC),

December 6-8, 2016

## December 6: Plenary

| <u>Time</u>   | <u>Event</u>  | <u>Location</u>         |
|---------------|---|-------------------------|
| 7:45          | <b>TECRO Shuttle Departs from Marriott Albuquerque Hotel</b>  |                         |
| 8:30 – 9:00   | <b>Meeting Registration</b>   | SNL Badge Office (IPOC) |
| 9:00 – 9:45   | <b>Opening Remarks</b> <ol style="list-style-type: none"> <li>1. SNL– <i>Evaristo Bonano, Senior Manager for Advanced Nuclear Energy Programs</i></li> <li>2. AEC – <i>Dr. Huei-Min Tsai, Deputy Minister</i></li> <li>3. AIT/W-DOS - <i>Dr. Alex Burkart, Deputy Director, Office of Nuclear Energy, Safety, and Security</i></li> </ol>   | CGSC / Room 1154        |
| 9:45 – 10:00  | <b>Break</b>  | CGSC / Room 1154        |
| 10:00 – 12:30 | <b>Presentations (30 min each)</b> <ol style="list-style-type: none"> <li>1. Overview of U.S. Nuclear Energy Future, Update of Project GAIN and International Research Programs, <i>Michael Goff, INL</i></li> <li>2. Updates of Atomic Energy Council’s Activities in Taiwan – <i>Hung-Chih Lai, Section Chief, AEC/PD</i></li> <li>3. Update of the Used Fuel Disposition Campaign in the U.S.- <i>Kevin McMahon, Manager, Nuclear Waste Disposal Research and Analysis, SNL</i></li> <li>4. Overview of Taipower’s Nuclear Backend Management Program – <i>Tzu-Sheng Shyur, Deputy Director, TPC</i></li> <li>5. Summary of 2016 Nuclear Security Summit and Path Forward – <i>Marc Forino, DOS</i></li> </ol> | CGSC / Room 1154        |
| 12:30 – 13:30 | <b>Lunch</b>  | CGSC / Bistro           |
| 13:30 – 14:45 | <b>Presentations (25 min each)</b> <ol style="list-style-type: none"> <li>1. Updates of Nuclear Regulatory Activities in Taiwan, <i>Jec-Kong Gone, Section Chief, AEC/NRD</i></li> <li>2. Major Nuclear Regulatory Activities in 2016 – <i>Tim McGinty, Director, Division of Safety Systems, NRC</i></li> <li>3. Review of Current Major Research Activities at INER, <i>Ming-Huei Chen, Division Director, INER</i></li> </ol>  | CGSC / Room 1154        |
| 14:45 – 15:00 | <b>Break</b>  |                         |
| 15:00 – 16:15 | <b>Presentations (25 min each)</b> <ol style="list-style-type: none"> <li>1. Security Challenges with Unmanned Aerial Vehicles at Nuclear Sites and Lessons Learned – <i>Chad Monthan, SNL</i></li> <li>2. Overview of Current Research Projects in National Tsing-Hua University, <i>Shao-Wen Chen, Professor, Tsing-Hua University</i></li> <li>3. Overview of Radiological Security, Site Security, Transportation Security, and the Use of Non-Isotopic Alternative Technologies – <i>Robert Rudich, Office of Radiological Security, NNSA</i></li> </ol>   | CGSC / Room 1154        |

# Agenda for 2016 AIT-TECRO Joint Standing Committee Meeting on Civil Nuclear Cooperation

Sandia National Laboratories: Center for Global Security and Cooperation (CGSC),

December 6-8, 2016

|               |   |                  |
|---------------|---|------------------|
| 16:15 – 17:00 | <b>Working Group Discussions</b>  |                  |
|               | <b>Group 1: Reactor Regulation and Regulatory Research</b><br><b>Co-Chairs:</b><br><i>Tim McGinty, Director, Division of Safety Systems, NRC</i><br><i>Shin Chang, Director, Department of Nuclear Regulation, AEC</i>                                | CGSC / Room 1154 |
|               | <b>Group 2: Waste Management and Environmental Restoration</b><br><b>Co-Chairs:</b><br><i>Benjamin Rivera, Office of Environmental Management, DOE</i><br><i>Wuu-Kune Cheng, Section Chief, Fuel Cycle and Material Control, AEC</i>                  | CGSC / Room 1155 |
|               | <b>Group 3: Nuclear Science, Technology and Safeguards</b><br><b>Co-Chairs:</b><br><i>Brian Abeyta, Deputy Program Director, Office of Nuclear Security Engagement, NNSA</i><br><i>Chung-Hsing Hu, Director, Institute of Nuclear Energy Research</i> | CGSC / Room 1150 |
|               | <b>Group 4: Emergency Management</b><br><b>Co-Chairs:</b><br><i>Kyler Turner, Nuclear Engineer, Office of Nuclear Energy, Safety, and Security, DOS</i><br><i>Ming-Te Hsu, Director, Department of Nuclear Technology, AEC</i>                        | CGSC / Room 1149 |
|               | <b>Closing</b>  | CGSC / Room 1154 |
| 17:00         | <b>TECRO Shuttle Back to Marriott Albuquerque Hotel</b>   |                  |
| 18:00         | <b>TECRO Hosted Dinner at Garduño's Mexican Restaurant</b>  |                  |

## December 7: Technical Working Group Sections

| <u>Time</u>  | <u>Event</u>  | <u>Location</u>  |
|--------------|---|------------------|
| 7:45         | <b>TECRO Shuttle Departs from Marriott Albuquerque Hotel</b>  |                  |
| 8:35         | <b>Group Photo</b>  |                  |
| 8:35 – 10:40 | <b>Working Group Discussions</b>  | CGSC / Room 1154 |
|              | <b>Group 1: Reactor Regulation and Regulatory Research</b><br><b>Co-Chairs:</b><br><i>Tim McGinty, Director, Division of Safety Systems, NRC</i><br><i>Shin Chang, Director, Department of Nuclear Regulation, AEC</i>  | CGSC / Room 1154 |
|              | <b>Group 2: Waste Management and Environmental Restoration</b><br><b>Co-Chairs:</b><br><i>Benjamin Rivera, Office of Environmental Management, DOE</i><br><i>Wuu-Kune Cheng, Section Chief, Fuel Cycle and Material</i> | CGSC / Room 1155 |

# Agenda for 2016 AIT-TECRO Joint Standing Committee Meeting on Civil Nuclear Cooperation

Sandia National Laboratories: Center for Global Security and Cooperation (CGSC),

December 6-8, 2016

|               |   |                           |
|---------------|---|---------------------------|
|               | <i>Control, AEC</i>   |                           |
|               | <b>Group 3: Nuclear Science, Technology and Safeguards</b><br><b>Co-Chairs:</b><br><i>Brian Abeyta, Deputy Program Director, Office of Nuclear Security Engagement, NNSA</i><br><i>Chung-Hsing Hu, Director, Institute of Nuclear Energy Research</i> | CGSC / Room 1150          |
|               | <b>Group 4: Emergency Management</b><br><b>Co-Chairs:</b><br><i>Kyler Turner, Nuclear Engineer, Office of Nuclear Energy, Safety, and Security, DOS</i><br><i>Ming-Te Hsu, Director, Department of Nuclear Technology, AEC</i>                        | CGSC / Room 1149          |
| 10:40 – 10:50 | <b>Break</b>  |                           |
| 10:50 – 12:00 | <b>Continued Working Group Discussions</b>  | Same location as previous |
| 12:00 – 13:00 | <b>Lunch</b>  | CGSC / Bistro             |
| 13:00 – 14:00 | <b>Continued Working Group Discussions</b>  | Same location as previous |
| 14:00 – 16:00 | <b>Summary of Working Groups and Signature of Summaries</b><br><b>Closing Remarks</b>   | CGSC / Room 1154          |
| 16:00         | <b>TECRO Shuttle Back to Marriott Albuquerque Hotel</b>   |                           |
| 18:30         | <b>AIT Hosted Dinner at the National Museum of Nuclear Science &amp; History</b>  |                           |

## December 8: Sandia National Laboratories Facility Tour

| <u>Time</u> | <u>Event</u>   | <u>Location</u>            |
|-------------|--|----------------------------|
| 9:00        | <b>Welcome and Coffee:</b><br><i>Kevin McMahon, Manager, Nuclear Waste Disposal Research and Analysis, SNL</i>   | CGSC / Room 1154           |
| 9:30        | <b>Spent Nuclear Fuel Testing Review:</b><br><i>Sam Durbin, Principal Member of the Technical Staff, Advanced Nuclear Fuel Cycle Technologies, SNL</i> | Technical Area 3 / CYBL    |
| 10:30       | <b>Energetic Testing of Nuclear Components:</b><br><i>Greg Koenig, Principal Technologist, Advanced Nuclear Fuel Cycle Technologies, SNL</i>           | Technical Area 3 / Surtsey |
| 12:00       | <b>Lunch</b>   | CGSC / Bistro              |
| 13:30       | <b>Technology, Training, and Demonstration Tour:</b><br><i>Jason Bolles, Creative Designer, Program Communications, SNL</i>                            | CGSC / TTD                 |