**NWMDER-2019**
**Program Outline – as of 2019 July 22**

**Sunday, September 8**
- 17:00 Conference Registration; Exhibits Open
- 18:00-20:00 Conference Opening Reception

**Monday, September 9**
- 8:00-8:15 Indigenous Opening Prayer and Drum Song
  Opening prayer led by Elder Diane Longboat
  Drum song led by Elder Donna Augustine
- 8:15-8:30 Welcoming Message from Conference Host and Conference Chair
- 8:30-10:00 Plenary 1A (Panel Discussion) - Community and Indigenous Engagement
  Chair: Bob Watts (NWMO)
  Panel Speakers:
  - Cheryl Fort (Mayor, Hornepayne)
  - Mitch Twolan (Mayor, Huron Kinloss)
  - Clayton Wetelainen (President Aboriginal People of Wabigoon)
  - Diane Longboat (Council of Elders and Youth for NWMO)
- 10:00-10:30 Break
- 10:30-12:00 Plenary 1B - Environmental Remediation
  Chair: TBD
  Environmental Remediation Beginning to End, Nicholas Smith (IAEA)
  Development of the End-State Criteria for the Closure of the Whiteshell Laboratories, Miles Smith (CNL)
  Decision Making for Path Forward of Closed Beaverlodge Mine Site, Bruce Halbert (Canadian North Environmental Services)
  From Hazardous Waste to Intermediate-Level Waste: Enabling the Remediation and In-Situ Management of WL Trenches, Sean Gamley (CNL)
- 12:00-13:30 Lunch - Guest Speaker: Mark Lesinski, President and CEO (CNL)
- 13:30-17:30 Parallel Technical Sessions (Break mid-afternoon)
  - M-1, Government Policies, Programs & Oversight
  - M-2, Uranium Mining & Milling Waste Management
  - M-3, Low Level, Intermediate Level & Mixed Waste Management
  - M-4, DGR Design, Engineering & Material Science (1)
  - M-5, Waste Characterization, Processing, Packaging & Waste Minimization

**Tuesday, September 10**
- 8:00-9:50 Plenary 2A - Waste Repository Siting in Canada
  Chair: Jim Delaney (NRCan)
  Update and Lessons Learned on OPG’s Deep Geologic Repository for Low- and Intermediate-Level Waste, Lisa Morton (OPG)
  Canadian Nuclear Laboratories Siting of The Near Surface Disposal Facility for the Low-Level Waste at the Chalk River Site, Meggan Vickerd (CNL)
  Site Selection Update – Moving Towards Partnership, Mährez Ben Belfadhel (NWMO)
  Waste Repository Siting in Canada: The Regulatory Perspective, Karine Glenn (CNSC)
  A Waste Owner’s Perspective on Radioactive Waste Repository Siting in Canada, Paul McClelland (AECL)
- 9:50-10:10 Break
- 10:10-12:00 Plenary 2B - Updates on Current Canadian Decommissioning Projects
  Chair: Meggan Vickerd (CNL)
  Update on Gentilly-2 Decommissioning, Steve Plante (Hydro-Québec - Gentilly-2 facilities)
  Update on Pickering Decommissioning Plans, Jessica King (OPG)
  Prototype Reactor Decommissioning Progress (NPD, Douglas Point, Gentilly-1), Kristian Schruder (CNL)
  Chalk River Laboratories - Decommissioning Progress, Caley Grier (CNL)
  Whiteshell Labs Decommissioning Project Update, Brian Wilcox (CNL Whiteshell)
- 12:00-13:30 Lunch
- 13:30-17:30 Parallel Technical Sessions (Break mid-afternoon)
  - T-1, Indigenous Participation in the Nuclear Industry and Stakeholder Engagement (1)
  - T-2, Decommissioning (1)
  - T-3, Disposal Facilities for Long-term Management of Low-Level Waste
  - T-4, DGR Design, Engineering & Material Science (2)
  - T-5, Used Nuclear Fuel Management & Waste Transportation
- 18:30 Cocktails and Conference Banquet – Guest Speaker: Vincent Ianteli, MacArthur Assistant Research Professor, Eliott School of International Affairs, George Washington University

**Wednesday, September 11**
- 8:00-12:00 Parallel Technical Sessions (Break mid-morning)
  - W-1, Indigenous Participation in the Nuclear Industry and Stakeholder Engagement (2)
  - W-2, Decommissioning (2)
  - W-3, DGR Siting and Safety Case
  - W-4, Environmental Remediation
  - W-5, Alternatives, Recycling and SMR Waste
- 12:00-13:30 Lunch
- 13:30 - 15:00: Plenary 3A (Panel Discussion) - International Policy and Implementation for Decommissioning and Waste Management
  Facilitator: Paul McClelland (AECL)
  Panel Speakers:
  - Mika Pohjonen (Finland)
  - Ann McCall (UK)
  - Richard Poisson (France)
  - Samantha Chard (Australia)
  - Emilio García Neri (Spain)
- 15:00-15:20 Break
- 15:20-16:50 Plenary 3B - Strategies in R&D for Decommissioning and Waste Management
  Chair: Vasile Bostan (OPG)
  Roadmap for Technology Development to Support CANUD Decommissioning and Long-Term Waste Management; Part 1: Roadmap Preparation Paul Dinner (COG)
  Targeted R&D Based on UK Decommissioning Experience and Learning From Our Successes & Failures, Ian Wigginton (Nuvia Consulting)
  Overview of EPRI Research and Development Projects in Decommissioning Technology, Richard Reid (EPRI)
  Robotic Digitization and Digital Twins for Nuclear Decommissioning, Sriram Narasimhan (University of Waterloo)
- 16:50-17:00 Closing remarks

**Thursday, September 12**
- Technical Tours, to:
  - Canadian Nuclear Laboratories Nordion
  - National Research Council

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