 

**Workshop on**

**LTO Beyond 60 Years**

WORKSHOP AGENDA

Organized by Nuclear Research and consultancy Group (NRG) in cooperation with Organization for Economic Cooperation and Development/ Nuclear Energy Agency (OECD/NEA)

27-28 February 2024

NRG, Petten

- THE NETHERLANDS –

Type of event: international workshop

Hosting organization: NRG Petten

Venue address: NRG, Westerduinweg 3, 1755 LE  Petten, The Netherlands

NRG event host: Mr. Robert Krivanek, International Ageing Management and LTO Projects Manager, NRG, Petten, The Netherlands, cell phone: +31 6 1532 1927, email: krivanek@nrg.eu

The event has the following primary objectives:

* To discuss the latest developments in preparations for long term operation (LTO) beyond 60 of existing NPPs` fleet;
* To discuss nuclear industry and regulatory authorities activities, plans, challenges and needs in preparation for safe LTO beyond 60;
* To discuss the status, interim results and upcoming activities of OECD/NEA collaborative project ‘Status Report on LTO Beyond 60 Years’.

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| **AGENDA** | |
| ***Day 1, Tuesday, 27 February 2024*** | |
| 09:00  09:30 | 00\_Workshop opening - Mr. Frederic Blom, NRG  01\_NRG introductory presentation, objectives, schedule - Mr. Robert Krivanek, NRG, the Netherlands |
| 09:30  10:00 | 02\_NRG activities in ageing management and LTO – Mr. Robert Krivanek, NRG |
| 10:00  10:30 | 03\_OECD/NEA LTO related activities – Ms. Keiko Chitose, OECD/NEA |
| *Coffee break* | |
| 10:50  11:30 | 04\_‘LTO Beyond 60’ Project progress – objectives, task team, time schedule, status of action items (report, questionnaire) – Ms. Corina Mocanu, NRG |
| 11:30  12:15 | 05\_‘LTO Beyond 60’ report – summary of sections 1, 2, 3, 4.1 – Ms. Corina Mocanu, NRG |
| *Lunch break* | |
| 13:15  14:45 | 06\_‘LTO Beyond 60’ report – summary of sections 4, 5 – Ms. Corina Mocanu, NRG |
| *Coffee break* | |
| 15:15  15:35 | 07\_‘LTO Beyond 60’ project tasks in 2024 – methodology for conclusions development, identification of gaps and proposals for solutions – Mr. Robert Krivanek, NRG |
| 15:35  16:00 | 08\_’LTO Beyond 60’ project – examples of preliminary conclusions and proposals for solutions – Mr. Robert Krivanek, NRG |
| 16:00  17:00 | 09\_Work plan for 2024 and agreement on action items, discussion – Mr. Robert Krivanek/ Ms. Corina Mocanu, NRG |

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| ***Day 2, Wednesday, 28 February 2024*** | |
| 09:00  09:30 | 01\_Preparations and challenges for the restart of Kashiwazaki Kariwa Unit 7 after long term shutdown – Mr. Tadasuke Tanabe, TEPCO, Japan |
| 09:30  10:00 | 02\_ To Achieve Long-term Operation in TEPCO – Mr. Ryohei Endo, TEPCO, Japan |
| 10:00  10:30 | 03\_“LTO aspects in area of HR, Competence and Knowledge Management – challenges in LTO programmes implementation” - Ms. R. Kvetonova (IAEA) |
| *Coffee break* | |
| 10:50  11:20 | 04\_Presentation on potential areas of enhancement for Concrete containment– Ms Julia Tcherner, (Atkins Realis, Canada) |
| 11:20  11:50 | 05\_ EDF technical challenges for LTO beyond 60 years (R&D: Jean-Cristophe Huchard, Engineering: Sylvie Jayet-Gendrot) |
| 11:50  12:15 | 06\_ Ensuring Safe Long-Term Operation: Research challenges for Ageing of Critical Concrete Structures (ACES) – Miguel Ferreira (VTT, Finland) |
| *Lunch break* | |
| 13:15  13:45 | 07\_ Challenges for LTO beyond 60 years (containment steel liner and primary components) – Mikael Hallen/ Robert Magnusson/ Johana Spals (Vattenfall) |
| 13:45  14:15 | 08\_ Challenges for LTO beyond 60 years in Class 1 piping systems – Martin Bjurman (Studsvik) |
| 14:15  14:45 | 09\_ “Challenges for LTO beyond 60 years on I&C systems including cables”–Alex Duchac (UJV) |
| *Coffee break* | |
| 15:15  15:45 | 10\_ OFFERR Project – support of LWRs sustainability – Mr. Jiri Zdarek, UJV Rez, Czech Republic |
| 15:45  16:15 | 11\_ Spare time slot |
| 16:15  17:00 | 12\_Questions and answers, discussion, further needs, conclusions – moderated by Mr. Robert Krivanek, NRG |