Nuclear Power Plant Life Management & Extension
16-17 November / Paris, France

The Debate over the Ongoing Regulatory & Operational Challenges

Key Topics
- The Role of Nuclear Power in the Future Energy System
- Challenge Faced During Life Extension License Application Process
- What Can Operators Do to Efficiently Advance in Longer than Expected NPP Lifetime?
- LTO, Repair Procedure & Control Systems Refurbishment
- Equipment Reliability: How to Keep the Plant Operating
- Economics of LTO
- Addressing the Licence Extension from the Regulatory Perspective
- Environmental & Safety Standards
- Collaborative R&D to support LTO
- Community Connection to the Project & Public Acceptance
- Workforce Development in Nuclear Industry

Agenda Committee
Regis Nhili, Director of Materials Ageing Institute, EDF R&D
Pal Kovac, Advisor to CEO, State Secretary for Energy Affairs Of The 2nd Orbán Government, MVM Paks Nuclear Power Plant Ltd.
Emil Kichev, Head, Risk Management Section, Technical Support Department, Kozloduy NPP
Matti Paljakka, Key Account Manager, Energy, VTT

Exclusive Pre-Conference Site Visit
During the afternoon of Tuesday 15th November 2016, a limited number of conference attendees will have the unique opportunity to visit the The Materials Ageing Institute. The Institute is a utility-oriented research center founded by EDF in 2008 and cofinanced by EPRI (US), KEPCO (J), CGNPC (CN), REA (RU), EDF Energy (UK), TEPCO (J), MHI (J), CRIEPI(J), CEA (F) and Areva (F).

There is no extra charge to join the site visit, but spaces are limited and allocated on first come first served basis. Please register your attendance when booking for the conference.

Commercial Partners:

Commercial opportunities Contact: Ray Mangon
Email: raym@acieu.net Phone: +44 (0) 203 141 0610

More information or Registration Contact: Mado Lampropoulou
Email: MLampropoulou@acieu.net Phone: +44 (0) 203 141 0607
ACI’s Nuclear Power Plant Life Management & Extension 2016 will address the key issues faced by the industry associated with NPP’s life management and extension: LTO and age management programs and techniques, implementation of environmental standards, I & C systems and avoidance strategies for force shutdown.

Join us on 16 - 17 November 2016 in Paris, France to hear also about R & D in component behaviour and integrity, best practices of applying safety principles and concepts in preparation for licence extension and discuss the challenges industry is facing keeping maintenance and operational cost down.

Topics for Discussion:
- Contribution of nuclear energy to EU energy mix
- Evaluation of nuclear power plant management and life extension
- Environmental & safety standards
- Public concerns for ageing nuclear power plants
- Risk assessment for aging nuclear power plants
- Ongoing challenges of NPPs maintenance
- Financial & economic framework
- Workforce development in nuclear industry
- Challenges of licence extension
- Nuclear power plant Long-Term Operations
- Public Concerns for aging nuclear power plants

Call For Papers
If you would like to be considered as a speaker at the event for a 30-45 minute presentation, please submit an abstract for consideration to:
Stergios Zacharakis: +44 203 141 0609
szacharakis@acieu.net

Who Will Attend?
- Head of Operations
- Technical Directors
- Aging Management/Aging Specialists
- Plant Life Extension Managers/Specialists
- Plant Life Management Managers/Specialists
- Technical Engineers
- Asset Managers
- Associations Representatives
- Regulatory and Policy Officers
- Solution Providers
- Consultants

Commercial & Sponsorship Opportunities
With leading companies and organisations from the Nuclear Energy Industry attending and speaking at our event, we have the perfect vehicle to provide outstanding exposure to a senior level audience.

There are various sponsorship packages available, including sponsorship of a cocktail reception on the first evening of the event and sponsorship of a networking lunch. For further details, please contact:
Ray Mangon: +44 203 141 0610
raym@acieu.net

Registration is Simple:
If you would like to be to register for this event or wish to find out more information, please contact
Mado Lampropoulou +44 203 141 0607
mlampropoulou@acieu.net
NUCLEAR POWER PLANT LIFE MANAGEMENT & EXTENSION 2016

Paris, France

DAY 1
Wednesday 16th November 2016

08:00  REGISTRATION & COFFEE

09:00  CHAIRMAN’S OPENING REMARKS

Otso Cronvall
Research Scientist
VTT

09:15  CONFERENCE PRESENTATION

Status and Trends of Nuclear Power in the World
• Global overview of power plant data on operation, capacity, production, age, etc.
• Nuclear new-build - Construction starts and building times
• China and the rest of the world?
• Nuclear power versus its new competitors

Mycle Schneider
Independent Analysis on Energy and Nuclear Policy
Mycle Schneider Consulting

09:45  Q&A

10:00  KEYNOTE ADDRESS

LTO under the Perspective of the Euratom Nuclear Safety Regime
• Recent evolution and essential reinforcement in the safety requirements to operate plants beyond 40 years
• Post Fukushima updates in terms of safety and stress tests
• Implementation of new safety technologies to overcome delays in getting extension licence
• Analysing the environmental impact on licence extension

Michael Kuske
Acting Head of Unit ENER D.3 – Radiation Protection and Nuclear Safety
European Commission DG ENER

10:45  MORNING REFRESHMENTS

11:15  PANEL DISCUSSION

What Can Operators Do to Efficiently Advance in Longer than Expected NPP Lifetime?
Representatives from a leading utilities/operators discuss plant life extension and efficiently planned plant refurbishment based on consistent investment works with the audience. Main topics will include:

Otso Cronvall
Research Scientist
VTT

11:45  Q&A and Panel Discussion

12:15  NETWORKING LUNCH

12:45  Q&A

13:00  CONFERENCE SESSION

Long Term Operation and Repair/Replacement Strategy
• The importance of safe and economic operation of existing plants
• Risk Assessment for aging nuclear components and structures

Stuart Kelly
MD, Through Life Support Ltd & President, International Institute Of Obsolescence Management
DAY 2
Thursday 17th November 2016

08:30
REGISTRATION & COFFEE

09:00
CHAIRMAN’S OPENING REMARKS
Gareth Davies
UK Nuclear Expert

09:10
CONFERENCE PRESENTATION
Workforce Development in Nuclear Industry
- Do the recent nuclear plant closures bringing overall staffing levels down?
- People experience transition to new generation of workers
- Investing in the right skills and best training practices
Claudine Robson
Partner
CTL Consult

09:40
Q&A

09:55
CONFERENCE SESSION
Case Studies: Challenge to Be Faced During Life Extension License Application Process
Case Study: Leveraging Supply Chain Assets and Relationships to Support Long Term Operations (LTO) and Plant Life Extension (PLEX)
- Overview of Nuclear Power PLEX, LTO and EPU in the U.S.
- Overview of Timken Power Systems (TPS) and Associated Nuclear Related Companies - Schulz Electric and Philadelphia Gear
- Leverage of TPS Supply Chain Assets of Schulz Electric and Philadelphia Gear to Supply Safety Related Gearbox for NPP Cooling Towers
- Aligning NPPs and Suppliers to Support LTO and PLEX
James M. Dean
President
AES Nuclear, Inc.

15:40
Panel Q&A

16:00
AFTERNOON REFRESHMENTS

16:30
CONFERENCE SESSION
Equipment Reliability: How to Keep the Plant Operating
- Ongoing challenges of plant maintenance and strategy for component and structure
- Application to key systems upgrading, including I&C
- Damage of machinery vs safety of operation
- Reactor Pressure Vessel, fuel channels and steel constructions: Facing deforming, fatigue and erosion due to radiation
- Containment concrete degradation, component degradation and ageing management challenged
Mark Drosbeke
Head of Corporate Nuclear Department Eng.Programs & Reliability
ENGIE-Electrabel

16:50
Presentation title to be confirmed

17:00
LTAIP; A field proven Effective and Efficient Long Term Asset Investment Process
- Long term replacement forecasting by condition classification
- A one size fits all condition based prediction model
- Implementation of lines of sight and prediction in alignment with ISO 19.600 and 15686
- Aligning Strategic top-down with maintenance bottom-up requirements.
Geert Henk Wijnants
Principal Consultant
Stork Asset Management Consultancy

17:30
Panel Q&A

17:45
CLOSE OF DAY ONE
**Demonstration of fatigue for LTO license of NPP Borssele**
- LTO fatigue programme of NPP Borssele in the Netherlands
- Demonstration of fatigue TLAs
- Fatigue management during LTO, coupling load monitoring, transient counting and fatigue assessment

**Panel Q&A**

**CONFERENCE SESSION**

**Addressing the Licence Extension from the Regulatory Perspective**
Nuclear energy as the entire energy sector is heavily dependent on political decision making. An interactive debate on regulatory strategies for a secure PL extension; panellists will consider current policies on safety and suggest which authority will rule the extension standards. We will also consider the experiences in licensing of service life extension of NPPs in an interactive debate between regulators, consultants and operators.

**Regulatory Approach to LTO in the Slovak Republic**
- LTO Legal Requirements in Slovakia
- LTO Licensing Steps
- Current Status of V-2 Bohunice NPP

**Presentation title to be confirmed**

**Collaborative R&D to Support LTO**
- Innovation in NDT techniques
- Innovations needed for LTO and software developments
- Opportunities for NPP innovation facing obsolescence of equipment
- New reactors technology design advantages
- Technologies for use in high-radiation areas

**Presentation title to be confirmed**

**Innovation in NDT techniques**
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- Technologies for use in high-radiation areas

**Presentation title to be confirmed**

**Retrofitted Emergency Power System**

**Panel Q&A**

**CHAIRMAN’S CLOSING REMARKS**

**END OF THE CONFERENCE & AFTERNOON REFRESHMENTS**
NUCLEAR POWER PLANT LIFE MANAGEMENT & EXTENSION 2016

Paris, France

Registration Is Simple

If you would like to register for this event or wish to find out more information, please contact Mado Lampropoulou using any of the following methods:

+44 (0)20 3141 0607
MLampropoulou@acieu.net
http://www.acieu.net
Postal Address:
ACI Europe, 5/13 Great Suffolk Street, London, SE1 0NS

Terms & Conditions

Payment
Payment must be received within five business days of returning the signed contract. After receiving payment a VAT receipt will be issued. If you do not receive a letter outlining details two weeks prior to the event, please contact the Conference Coordinator at ACI Europe Ltd.

Discounts are available for multiple/group bookings. Please call +44 (0)20 3141 0607 for more information.

Cancellations
Substitutions are welcome up to 24 hours prior to the event. Cancellations must be received in writing no less than 3 weeks prior to the start of the conference; a full credit voucher towards a future ACI conference will be issued. Any cancellation received less than 3 weeks prior to the start of the event shall be deemed to be a breach of this contract by client, and accordingly, no credits will be given. Cancellations must be received in writing by mail or fax three weeks before the conference. Thereafter the full conference fee is payable. If for any reason ACI Europe Ltd decides to amend, cancel or postpone this conference, the conference fee will not be refunded. Furthermore, ACI Europe Ltd will not be responsible for covering airfare, hotel or other costs incurred by registrants. In the event that ACI Europe Ltd cancel or postpone the event, ACI Europe Ltd reserves the right to transfer this booking to another conference to be held in the following twelve months, or to provide a credit of an equivalent amount to another conference within the following twelve months. The construction, validity and performance of this agreement shall be governed in all respects by the laws of England to the exclusive jurisdiction of whose courts the Parties hereby agree to submit.

Accommodation
The cost of accommodation is not included in the event fee. Preferential rates will be arranged with or near the event venue, and all confirmed delegates will be given details of how to book accommodation at this rate in due course.

About ACI

ACI, a UK owned company, have been running successful conferences for the last 15 years in the USA. Headquartered in Chicago with offices all around the States, they run forums in varied fields and are market leaders in healthcare business conferences. Opening their European head office at the end of 2005, they have expanded rapidly and are launching a series of events covering the maritime, energy, oil and gas industries.

With Thanks to Our Supporting Partners

Special Registration Discount

Members and customers of all supporting organizations are entitled to a discount off their conference package.