

NUCLEAR



DECOMMISSIONING & WASTE MANAGEMENT SUMMIT

1-2 March 2017

London, UK

4th Edition

Efficient Decommissioning & Effective Waste Management Options, Routes & Technologies



Confirmed Speakers

- Jean-Jacques Grenouillet, **EDF**
- Takafumi Ihara, **TEPCO**
- Darius Janulevičius, **Ignalina Nuclear Power Plant**
- Jari Tuunanen, **Fortum Power and Heat Oy**
- Alain Ensuque, **ENISS**
- Mina Golshan, **ONR**
- Vince Novak, **EBRD**
- Tom Wintle, **BEIS**
- Patrick J O'Sullivan, **IAEA**
- Martin Walkingshaw, **LLWR**
- Michel Dutzer, **ANDRA**
- Andy Storer, Managing Director, **Nuclear AMRC**
- Oliver Wilhelm, Senior Consultant, **EnBW Nuclear Power**

Commercial Partners



For more information on available commercial opportunities, Please contact Agim Berisha on +44 (0) 203 141 0628 or email aberisha@acieu.net

LONDON, UK

The Conference:

ACI's 4th Nuclear Decommissioning & Waste Management Summit will address the key issues faced by the consortia committed to nuclear decommissioning projects. This will include the establishment of working relationships and gaining contracts and beyond that excellence in operational procedures. The conference will focus on existing and potential projects across Europe for the sake of establishing new business and innovation in waste management and on-site procedures.



Join us on **1-2 March, 2017 in London, UK** to get an opportunity to discover the latest updates and to discuss your own challenges and solutions with your peers through an interactive and informative 2 day programme.

Commercial & Sponsorship Opportunities

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:

Agim Berisha: +44 203 141 0628

aberisha@acieu.net

Registration is Simple:

If you would like to register for this event or wish to find out more information, please contact:

Cheryl Williams +44 203 141 0623

cwilliams@acieu.net

Topics for Discussion:

- ENISS—Safety, Efficiency & Regulatory Framework in W&D: Some thoughts of European Operators
- Decommissioning & Chernobyl—EBRD Experience & Perspective
- Managing the Transition from Facility Shutdown to Decommissioning
- Technical & Organizational Challenges During the Last Phase of Operation—How to Prepare for Decommissioning
- Facilitating Decommissioning—GNS Solutions for D&D Projects
- Removal of Large Components—Challenges & Opportunities
- Soil Remediation & End State of the Facility after Decommissioning
- Methodology to Manage Waste from Decommissioning & Dismantling—The Economics of Waste Generation, Decommissioning Cost & Schedule
- How Does the Nuclear Sector Move towards Integrated Waste Management?
- Configuration Management in Decommissioning
- Preparation for the Future Decommissioning & Final Disposal of Spent Fuel at the Loviisa NPP

Agenda Committee:

- Alain Ensuque, Chair of Waste and Decommissioning Safety Group, **ENISS**
- Martin Walkingshaw – Executive Director, Head of Waste Management Services, **LLW Repository Ltd**
- Oliver Wilhelm, Senior Consultant, **EnBW Kernkraft GmbH**
- Mina Golshan, Director Decommissioning, Fuel and Waste, **Office For Nuclear Regulation (ONR)**
- Patrick J O'Sullivan – Decommissioning Specialist, **IAEA**
- Takafumi Ihara – Nuclear Power Program Manager, **TEPCO**
- Ferenc Lóránd, Professional Advisory, **Hungarian Atomic Energy Authority – HAEA**
- Alex Anderson, Radioactive Waste Consultant, **Dounreay**

LONDON, UK

DAY 1

Wednesday 1st March 2017

08:00 **REGISTRATION & COFFEE**

09:00 **CHAIR'S OPENING REMARKS**



Mina Golshan
Director Decommissioning, Fuel And
Waste
ONR

09:15 **CONFERENCE PRESENTATION**
ENISS - Safety, Efficiency & Regulatory Framework in W&D: Some Thoughts of European Operators

- ENISS Presentation
- Regulatory framework for decommissioning
- Clearance & remediation
- Transition from operation to decommissioning



Alain Ensuque
Chair of Waste and
Decommissioning Safety Group
**ENISS (European Nuclear
Installations Safety Standards)**

09:55 **CONFERENCE PRESENTATION**
Presentation title to be confirmed



Mina Golshan
Director Decommissioning, Fuel And
Waste
ONR

10:35 **MORNING REFRESHMENTS**

11:05 **CONFERENCE PRESENTATION**
Presentation title to be confirmed

Tom Wintle
Deputy Director: Small Modular Reactors,
Nuclear Decommissioning and Waste
**Department for Business, Energy & Industrial
Strategy**

11:45 **CONFERENCE PRESENTATION**
Decommissioning & Chernobyl - EBRD Experience & Perspective

- New Safe Confinement in its final position over the old Chernobyl Shelter - Significance & remaining challenges
- Decommissioning support funds in Bulgaria, Lithuania & Slovak Republic managed by the EBRD - lessons learned
- Soviet nuclear submarines - a very special decommissioning experience

Vince Novak
Director Nuclear safety
EBRD

12:25 **LUNCH**

12:25 **LUNCH**

13:30 **CONFERENCE PRESENTATION**
Managing the Transition from Facility Shutdown to Decommissioning

The presentation will discuss the organizational and administrative activities which generally take place during the transition period between facility shutdown and the formal start of decommissioning, including:

- Handling and temporary storage of nuclear fuel
- Drainage of systems
- Cleaning and decontamination
- Estimating the inventory of radioactive material
- Conditioning and removal of operational waste
- Retirement, reconfiguration and planning for the provision of new systems
- Changes to confinement barriers

Current good practice and experience in terms of implementing the above activities and optimization of preparations for plant dismantling will be discussed from the perspective of safety and risk management, detailed planning, and cost optimization will be discussed.



Patrick O'Sullivan
Decommissioning Specialist
**International Atomic Energy
Agency**

14:10 **CONFERENCE PRESENTATION**
Technical & Organizational Challenges During the Last Phase of Operation - How to Prepare for Decommissioning

- End-of-Life-management and its technical implications
- The transition from line organization to a project organization
- The cultural implications of organizational change



Oliver Wilhelm
Senior Consultant
EnBW Nuclear Power GmbH

14:50 **CONFERENCE PRESENTATION**
The Transition Period from Operation to Decommissioning

- Background to Ignalina NPP
- Idealised transition scenario
- Transition challenges
- Lessons learned



Darius Janulevičius
Director General
Ignalina Nuclear Power Plant

DAY 2

Thursday 2nd March 2017

15:30 AFTERNOON REFRESHMENTS

16:00 CONFERENCE PRESENTATION

Presentation title to be confirmed

Alex Anderson
Nuclear Business Consultant

16:40 CONFERENCE PRESENTATION

Facilitating Decommissioning – GNS
Solutions for D&D Projects

- Containers for Decommissioning Waste
- Waste Treatment for Long Term Storage (GNS Waste Treatment Facilities)
- Software Solutions for Waste Management Including Tracking, Documentation, Storage and Release
- Case Studies from International Projects

 Jörg Viermann
Head Sales Waste Management
GNS

17:20 CONFERENCE PRESENTATION

Removal of Large Components - Challenges & Opportunities

- Why is it an issue from safety, transportation, waste management & economics point of view?
- Global overview of solutions used for the removal of reactor vessels and steam
- Case studies from EDF projects
- Perspectives

 Jean-Jacques GRENOUILLET
Senior Project Manager.
Decommissioning & Waste Processing
EDF

18:00 CHAIR'S CLOSING REMARKS

 Mina Golshan
Director Decommissioning, Fuel And Waste
ONR

18:10 CLOSE OF DAY ONE

08:30 REGISTRATION & COFFEE

09:00 CHAIRMAN'S OPENING REMARKS



Gareth Davies
UK Nuclear Expert

09:15 CONFERENCE PRESENTATION

Soil Remediation & End State of the Facility after Decommissioning

- Best practices in accordance to public acceptance, stakeholder support and the impact on the cost of decommissioning.
- How and why the end state of the site can drive a decommissioning project? Are visibility and clarity on the requirements and possible options the key?



Michel Dutzer
Deputy Manager
ANDRA - National Radioactive Waste Management Agency

09:55 CONFERENCE PRESENTATION

Methodology to Manage Waste from Decommissioning and Dismantling - The Economics of Waste generation, Decommissioning Cost & Schedule

- How much D&D low-level waste is generated and where does it go?
- What is the impact of D&D waste on D&D cost and schedule?
- Why the low-level waste facility operator should be your business partner!

Geoffrey Rothwell
Principal Economist, Division of Nuclear Development, Nuclear Energy Agency
OECD

10:35 OPEN DISCUSSION

How Does the Nuclear Sector Move towards Integrated Waste Management?

How can the development of alternative waste routes help to save disposal capacities by limiting the need for disposal and how could the regulatory framework help? We will hear some successful cases by operators, contractors or the subcontractors for specific key technology.



Martin Walkingshaw
Executive Director, Head Of Waste Management Services
LLW Repository Ltd

11:15 MORNING REFRESHMENTS

11:45

CONFERENCE PRESENTATION
Configuration Management in Decommissioning

- Evolution of decommissioning technologies towards efficient methodologies and cost controlling processes
- Back to the roots: the origin of the dismantling techniques processes and rules applied today
- The various international bodies influencing the decommissioning management



Vincent MASSAUT
Deputy Director Business
development & Support, Former
Department Head Decommissioning
SCK•CEN



Knowledge Sharing During Informal Panel Discussions

12:25

CONFERENCE PRESENTATION
Preparation for the Future Decommissioning & Final Disposal of Spent Fuel at the Loviisa NPP

- How Fortum is planning to proceed in:
 - a) the preparation for sending spent fuel to Olkiluoto for final disposal (starting around 2025)
 - b) decommissioning the Loviisa NPP units (at the end of the 2020's)



Jari Tuunanen
Director, Nuclear Waste
Fortum Power and Heat Oy



In-Depth & Informative Formal Presentations

13:05

LUNCH

14:15

CONFERENCE PRESENTATION
Presentation title to be confirmed

Andy Storer
Managing Director
Nuclear AMRC

14:55

CONFERENCE PRESENTATION
Presentation title to be confirmed



Takafumi Ihara
Nuclear Power Program Manager
TEPCO

15:35

CHAIRMAN'S CLOSING REMARKS



Gareth Davies
UK Nuclear Expert

15:45

END OF CONFERENCE & AFTERNOON REFRESHMENTS

For Speaking Opportunities

If you would like to give a 30-45 min presentation at the conference please contact:

Chris Taylor
Tel: +44 (0) 20 3141 0602
ctaylor@acieu.net


Sponsorship and Exhibition:

For commercial opportunities please contact:

Agim Berisha
+44 (0) 20 3141 0610
aberisha@acieu.net

Registration Is Simple

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

 +44 (0) 203 141 0623

 cwilliams@acieu.net

 <http://www.acieu.net>

 Postal Address:
ACI Europe, 5/13 Great Suffolk Street, London, SE1 0NS

Registration Is Simple

Conference (Includes Access to All Documentation) 1-2 March 2017	£1,595 (ex. VAT)
Documentation Packet Only	£420.00

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

For more information please call Cheryl on +44 (0) 203 141 0623

Documentation Packet Available

We are selling the Nuclear Decommissioning & Waste Management Summit 2017 papers at just £395 (+£25 P&P). Simply tick the box on the booking form, send it with payment and your copy will be on its way to you after the meeting. This important manual will be a source of invaluable reference for the future.

About ACI

ACI, a UK owned company, has been running successful conferences in the USA since 1999. Headquartered in Chicago with offices all around the States, ACI opened its European head office at the end of 2005 and has expanded rapidly, launching a series of events in key industries including maritime, energy, oil & gas, cosmetics, chemicals & media.

Media Partners



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) 203 141 0623 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.