

European Nuclear Power

Opportunities for Growth and Investment



May 3 – 4, 2007

*Prague Marriott Hotel
Prague, Czech Republic*

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Opportunities for Growth and Investment

With much of Europe's nuclear power capacity ageing or facing enforced phase-out, how will Europe keep this carbon-free source of electricity meeting growing needs? While new nuclear build is a hot topic in political circles, agreement is needed on how to restructure the industry to enable a smooth nuclear takeoff – How can we keep existing systems alive? What should the balance be between retrofitting existing systems and new build? Can the European industry really encourage and support new build investment?

Platts European Nuclear Power Conference will not only look into the plans and possibilities for new build, but also into how to bridge the gap between now and when the new build era begins in earnest. Bringing together key players from the utility and vendor sectors, legislators, engineers, and academics, this conference will provide a comprehensive outlook for the European nuclear industry, highlighting investment opportunities and barriers.

Topics will include:

- The EC's Energy Policy 2007: implications for nuclear power
- Can we make existing systems last until the new build era?
- New build: facing the challenges ahead
- Can Europe encourage nuclear investment?
- What does the future hold for regional expansion?
- Financing nuclear new build: subsidies vs investments
- Planning, permitting, and uprate: implications for existing plants and new build

Early Bird Discount — Register by **March 9, 2007** to save **€200** off your registration fee.

Team Discount — Register **3 or more attendees simultaneously** and pay **€935 + VAT** per person.

For more information please contact **Sophie Adams**, telephone + 44 (0) 20 7176 6658 or email sophie_adams@platts.com

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Programme

Day One : Thursday May 3, 2007

08.00 *Registration and continental breakfast*

08.45 *Chairman's welcoming remarks*

Roland Kobia, Cabinet Member, Energy,
European Commission

Opportunities and Challenges for Nuclear Power

09:00 **World Energy Outlook 2006**

- What can we expect from the global energy scene over the next twenty-five years?
- Growing concerns over security of supply and rising CO2 emissions
- How can nuclear power address energy challenges?
- The economics of nuclear power & challenges for policymakers

Maria Argiri, Senior Energy Analyst, Economics
Analysis Division, IEA

09:30 **The EC's Energy Paper 2007: Implications for Nuclear Power**

- The new Energy Package
- The place of Nuclear in the Package
- Perspectives and challenges

Roland Kobia, Cabinet Member, Energy,
European Commission

10:00 **The ITER Project: The Road to Fusion Power**

- Fusion vs Fission
- Present state of the fusion research
- The objectives and schedule of the ITER Project
- Outlook towards commercial fusion power reactors

Kaname Ikeda, Director General Nominee,
ITER Organization

10:30 *Networking and Refreshment Break*

Bridging Us Over to the New Build Era

11:00 **What is the Scope and Likely Market Impact of Nuclear Plant Life Extensions?**

- Revenue, environmental and system planning benefits
- Costs of life extension
- Engineering and regulatory constraints on life extension
- Likely scope and impacts on generation markets

Dr. Guy Doyle, Chief Economist, Energy,
Mott MacDonald Limited

11:30 **Challenges in Real Power Plant Operation: An Overview**

- New management practices implementation: short term vs long term openness
- Operational cooperation in a competitive environment

- Operational external challenges

Václav Hanus, President & Secretary General,
Czech Nuclear Society

12:00 **Case Study — Ringhals NPP: The Challenges of Running a Nuclear Power Plant**

- Reengineering and modernization
- The Barsebäck closing decision
- Power upgrade
- Plant life extension 50+

Leif Johansson, Vice President, Ringhals AB

12:30 **Case Study — EDF: Operation of the Existing Fleet and Preparation for the Future**

- Lifetime management
- Helping suppliers bridge the gap to new build
- Building new plants

Laurent Stricker, Operating Senior Vice President, EDF
Generation

13:00 **Panel Discussion: Planning, Permitting, and Uprate**

Eduardo Gonzalez Gomez, President, Foro de la
Industria Nuclear Española

Laurent Stricker, Operating Senior Vice President, EDF
Generation

Leif Johansson, Vice President, Ringhals AB

Bertrand Vieillard-Baron, General Delegate, French
Nuclear Energy Society

Terry Elliot, Nuclear Director, Mott MacDonald Limited

Chaired by **Ann Maclachlan**,
European Bureau Chief, Platts Nuclear Publications

13:30 *Networking Lunch*

New Build: Optimizing the Supply Chain

15:00 **Can the Supply Chain Cope with New Build?**

- Hiring to meet the new build challenge
- Managing and identifying global capacity
- Reducing lead times
- Continuing the pursuit of qualified suppliers

Jack Lanzoni, Vice President, New Plants Supply
Chain, Westinghouse

15:30 **Fuel Supply Challenges**

- Supply & demand: the front end of the fuel cycle
- Recent developments, new investments and challenges for the fuel cycle
- Security of supply

Ivo Alehno, Head of Unit, Euratom Supply Agency

16:00 **Panel Discussion: Can European Infrastructure Encourage Investment?**

Roman Zdebor, Quality Manager, Skoda JS
Francisco J. López García, Director, División Generación Nuclear, Iberdrola Ingeniería y Construcción SAU
Ivo Alehno, Head of Unit, Euratom Supply Agency
Fernando Naredo, Vice President, European Government Affairs, Westinghouse

Chaired by **Dr. Lawrence Haar**, Senior Manager, Consulting, Deloitte & Touche LLP

- Returns and their risks
- New-build requirements

Dr. Lawrence Haar, Senior Manager, Consulting, Deloitte & Touche LLP

11:00 *Networking and Refreshment Break*

Regional Developments & Challenges

11:30 **Russian Industry Developments and Regional Implications**

- Russian expansion of reactor exports
- What will the corporatization of Russia's nuclear construction industry mean for international competition?
- Possible paths of cooperation between Russian and Central European industry

Timur V. Ivanov, Vice-President, JSC Atomstroyexport

Day Two : Friday May 4, 2007

08:30 *Continental Breakfast*

09:15 *Chairman's Welcome and Review of Day One*

Roland Kobia, Cabinet Member, Energy, European Commission

The New Nuclear Industry: Facing the Challenges Ahead

09:30 **Can Nuclear Power Survive in Competitive Electricity Markets?**

- Where might new nuclear plants emerge?
- Evaluation of orders for nuclear plants in Europe, especially Olkiluoto, Flamanville and Belene.
- What government measures would be needed to stimulate new nuclear orders and how might these measures be made compatible with competitive electricity markets?

Professor Stephen Thomas, Professor of Energy Policy, Public Services International Research Unit (PSIRU) Business School, University of Greenwich

10:00 **Case Studies: Financing Nuclear Power**

- What are the specific risks in the nuclear industry?
- Is pure project finance possible for a nuclear plant?
- How can we finance new nuclear plants?

Philippe Herve Du Penhoat, Head of Financial Strategy, EDF

10:30 **Liberalised and Privatised Energy Markets: A Support or An Obstacle to Nuclear New Build?**

- EU market liberalisation agenda
- The emerging market structure and dynamics
- The role of energy trading
- The value in flexible generation
- The new energy security agenda
- Private equity perspective on security issues
- The Netback business model

12:00 **New Fuel and European NPP Effectiveness Improvement**

- New types of Russian N-Fuel and operation safety at NPPs
- Expansion of fuel lifespan
- NPP uprating

Vasili Konstantinov, Vice President, TVEL

12:30 **New Build in the Czech Republic: Preparation of ČEZ New Nuclear Build**

- Current status of the preparation
- Czech licencing process
- Czech nuclear industry and its real abilities
- Communication program and its results

Ivo Kouklik, Section Director of Engineering, ČEZ

Moving Nuclear Power Forward

13:00 **Panel Discussion: New Nuclear – Possibilities and Hindrances**

Professor Valentin Ivanov, Deputy of State, Member of Committee on Energy, Transport and Communication, Duma

Professor Stephen Thomas, Professor of Energy Policy, Public Services International Research Unit (PSIRU) Business School, University of Greenwich

Timur V. Ivanov, Vice-President, JSC Atomstroyexport

Stewart Gray, Senior Analyst, European Gas & Power, Wood Mackenzie

Chaired by **Stephen Smith**, Managing Director, Markets, Ofgem

13:30 *Close of Conference*

Register by March 9, 2007 and save €200



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To find out more information on the opportunities available please contact **Andrew Cashin**:

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E-mail: **andrew_cashin@platts.com**

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Cancellation charges will apply to accommodation bookings.

1 week prior to arrival - 1 night charge as cancellation fee.

3 days prior to arrival - 100% of the entire length of stay booked

Check in time 3pm - Check out time 12pm



Registration Form: European Nuclear Power

Pricing details:

Early Bird: €995 + VAT @ 19%

If booked by **March 9, 2007**

Standard Rate: €1195 + VAT @ 19%

Group Booking: €935 + VAT @ 19%

Price applicable when you register three or more delegates simultaneously from the same organization.

The full conference registration is payable in advance, failure to do so will require you to guarantee your place by credit card. The delegate fee includes breakfast, luncheon, refreshments and post-conference documentation.

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If you are unable to attend the conference for any reason you may transfer your registration to a member of your organization at any time, but please give us prior notice to ensure we have the correct details for administration purposes. If you wish to cancel your booking we must receive notice in writing before April 13th 2007 and you will be entitled to a 75% refund of the delegate fee paid. Cancellations received on or after April 13th 2007 will not be refunded, but you may transfer your registration to a member of your organization.

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