



# ENC 2002 Conference

## **Nuclear Power Generation Safe and Competitive – Now and in Future**

### Preliminary Program of Invited Papers

(Status: April 09, 2002)

**Monday, October 7, 2002, mid afternoon session**

#### **Opening remarks**

Wolf-Dieter Krebs, European Nuclear Society and Framatome ANP (Germany)

#### **Part 1: New Competitive NPPs**

1. Nuclear Energy in Future Sustainable, Competitive Energy Mixes — OECD / NEA, Luis Echávarri
2. Role of Future New NPP in Competitive Electricity Markets — EDF (France), Bernard Dupraz,
3. Advanced Reactors – Design and Construction Lessons for the Future — GENE (USA), Steve Hucik
4. The Framatome ANP Advanced Reactor Designs — Framatome ANP (France), Vincent Maurel
5. Advancing the Competitive Future of Nuclear Power through Partnerships — Westinghouse (USA), Charles W. Pryor Jr.
6. The Essential Importance of Long-Term Procurement Contracts to New NPPs in Competitive Markets — ANS and Southern California Edison (USA), Harold B. Ray
7. Role of future new NPP in competitive electricity markets — Rosenergoatom (Russia), Nikolai Pozniakov (to be confirmed)

## **Tuesday, October 8, 2002, morning session**

### **Part 2: NPP Generation Cost Reduction**

1. Additional Competitiveness and Safety by Modernization in Olkiluoto — TVO (Finland), Ami Rastas
2. Nuclear Cost Reduction Program in Electrabel's NPP — Electrabel (Belgium), Alfred Becquaert,
3. Nuclear Plant Asset Enhancement – Lessons from Utility / Vendor Partnerships — GENE (USA), Mark Savoff
4. The Spanish Nuclear Power Plants in a Competitive Market — UNESA (Spain), Eduardo Martin Baena
5. Operating Cost Reduction by Optimization of I & C Backfitting Strategy — Framatome ANP (Germany), Heinz-Ullrich Kraft
6. Forsmark NPP I & C Modernization Strategy — Westinghouse (Sweden), Johan Hallen, Ingemar Rydahl and Forsmark Kraftgrupp, Lennart Kloow
7. Engineering Services and Operating Performance Enhancement: One Key to Plant Competitiveness — Framatome ANP, Alain Gautier (France) and Heinrich Watzinger (Germany)
8. Dominion's Approach to Safe and Economic Performance — Dominion Generation (USA), Dave Christian
9. ENDESA (Asco 1 and Vandellos II) Consolidation Experience— Westinghouse (Spain), Tony Granda and ANAV (Spain) Juan Jose Perez Torrent

## **Tuesday, October 8, 2002, afternoon session**

10. Nuclear Generation Safety and Competitiveness — EDF (France), Laurent Stricker
11. Vattenfall Generation – From Cost Centre to Profit Centre — Vattenfall (Sweden), Alf Lindfors
12. Long-Term Optimization of Outage Performance — Framatome ANP (Germany) Alexander Hümmeler and E.ON (Germany) Siegfried Seifert

13. Utility Cost Reduction Program at FP & L— Florida Power & Light (USA), Art Stall
14. Generation Cost Reduction Measures in Czech NPP — CEZ (Czech Republic), Josef Sedlak
15. Safe, Efficient and Professional Operation of Nuclear Power Plants in Japan — TEPCo (Japan), Akira Omoto
16. Challenge of Safe NPP Operation and Construction in an Economy in Transition — SNN (Romania), Ioan Rotaru and Mircea Metes
17. Stringent Cost Management and Preservation of Safety Culture, a Contradiction? – RWE Power (Germany), Klaus Petersen and Hartmut Pamme
18. In Service Inspection - Its Contribution to Life Management by Reducing O&M Costs — TECNATOM (Spain), Antonio Alonso

## **Wednesday, October 9, 2002, morning session**

### **Part 3: Fuel Cycle Cost Reduction**

1. Cost Control in the Fuel Cycle Industry, COGEMA's Experience and La Hague's Case — COGEMA (France), Philippe Pradel and Michel Pouilloux
2. BNFL's MOX Project — BNFL (UK), John Edwards
3. Advanced Fuel Designs and Integrated Core Fuel Management, Key Factors for Minimum Power Generation Costs— Framatome ANP, Ulrich Giese (Germany), John Matheson (USA), Michel Watteau (France)
4. Nuclear Fuel – Globalization, Consolidation and Challenge — GNF (USA), Jack Fuller
5. 12 Years Fuel Evolution Experience at Leibstadt NPP — Westinghouse (Sweden) Seppo Korhonen, Sture Helmersson and EGL (Switzerland) Tony Williams.
6. Permanence and Competitiveness – Technological Transition with a Long Term View — COGEMA / Eurodif (France), Arnaud de Bourayne
7. Benefit of Research in Fuel Performance — ENUSA (Spain) José L. González

**Wednesday, October 9, 2002, afternoon session**

## **Part 4: Waste, Transport and Decommissioning Cost Reduction**

1. Strategies for Safe and Cost-efficient Management of Nuclear Wastes in Finland — POSIVA (Finland), Veijo Ryhänen
2. Meeting the Needs of Utility Customers within the Current Requirements for Spent Fuel Transports — BNFL (UK), Mike Cavanagh
3. Transportation and Storage – a Mature Industry in an Evolving Environment  
COGEMA / Transnucléaire (France), Vincent Roland and Olivier Konirsch
4. Reactor Decommissioning in a Deregulated Market — BNFL (UK), George Beveridge and Tim Cooper

### **Closing remarks**

José L. González, European Nuclear Council and ENUSA (Spain)