



V4 01/02/2005

***Levelling the playing ground for new  
nuclear power plants in Europe***

**EUR COURSE**  
2005

***PRELIMINARY INFORMATION***

Training course, on nuclear design for post-graduate students and young professionals organized on June 6<sup>th</sup>-10<sup>th</sup> 2005 in Helsinki: The European background, the utility needs, the regulators' position and the vendors' proposals for new nuclear plants in Europe.



EUROPEAN UTILITY REQUIREMENTS  
FOR LWR NUCLEAR POWER PLANTS





## ABOUT THE MEETING

Nuclear energy is one of the means the European utilities must consider to meet future electricity needs. The major European electricity generation companies which form the EUR (European Utility Requirements) organisation, together with the European Commission propose a one-week course aimed at post-graduate students in nuclear engineering and young professionals. This course is intended to give the participants a broad view of the European legal and market environment, the design requirements foreseen by the electricity producers, the harmonisation work undertaken by the safety regulators, the projects proposed by the vendors and a few research areas in nuclear engineering management at European level. This course is open to anybody who has a minimum scientific background. It is intended to provide first hand information to students and young professionals who are considering a career in NPP R&D, engineering or operation or to young engineers that have already started a career. This will also be a good opportunity to develop contacts between the participants. The speakers are experienced engineers or managers from major European companies (Utilities, Regulators, Vendors and R&D agencies) involved in nuclear generation or support activities.

The course will be organised over four days (June 6<sup>th</sup>-10<sup>th</sup>2005) downtown Helsinki. Technical visits will be organised on the fifth day. Updated information is available on the EUR public Web site: <http://www.europeanutilityrequirements.org>

## COURSE FEE

The EUR COURSE fee amounts to:

- Young professionals: 1000 €
- Post engineering students: Base price 500€ ( can be negotiated)

The registration fee includes the course, accommodation, lunches and course materials





## PRELIMINARY SCHEDULE

### Monday, June 6

- a.m. **1 Registration & welcome addresses**
- p.m. **2 Main drivers to design evolution and harmonization**  
Mr Pierre BERBEY, EDF
- 3 Introduction to the EUR document and EUR main requirements**  
Mr. Karl-Fredrik INGERMARSSON, VATTENFALL

### Tuesday, June 7

- a.m. **4 & 5 EUR safety approach: safety targets, safety approaches to design, safety verification, containment and severe accidents**  
Mr Luigi NOVIELLO, SOGIN, Mr Michel LIENARD, TRACTEBEL ENGINEERING
- p.m. **6 Regulatory background about safety**  
Mr Benoît DE BOECK, AVN
- 7 WENRA works on safety harmonization**  
Speaker to be specified later

### Wednesday, June 8

- a.m. **8 Projects being developed for Europe, various approaches.**  
Speaker to be specified later
- 9 Vendor projects for Europe 1**  
Mr. François BOUTEILLE, FRAMATOME ANP
- p.m. **10 Vendor projects for Europe 2**  
Mr Andrew WORRALL, BNFL/WESTINGHOUSE
- 11 Vendor projects for Europe 3**  
Mr Mikhail MALTSEV, ATOMENERGOPROEKT MOSCOW

### Thursday, June 9

- a.m. **12 HV grid (electricity producer standpoint)**  
Mr Reijo MANNINEN, ENPRIMA Ltd
- 13 & 14 HV grid, (regulator or grid manager standpoint)**  
Mr Harri KUISTI, FINGRID
- p.m. **15 Perspectives about risk informed approaches in operation and design.**  
Mr Claude DEGRAVE, EDF
- Conclusion and closure session**  
Messrs. Georges VAN GOETHEM, EC, Luc VANHOENACKER, TRACTEBEL, Bernard ROCHE, EDF, Pierre BERBEY, EDF

### Friday, June 10

Technical visit at Loviisa NPP.





**ARE YOU INTERESTED?**

If you are interested and would like to know more about the EUR Course please let us know. Please note that this registration is not binding for the EUR Course but only intended to help us to estimate the number of participants and to organise this course. We would forward you more information well before the final registration deadline.

Please fill in the reply coupon here below and send it to:

Ms Vera MAGNUSSON  
12-14 avenue Dutriévoz, 69628 Villeurbanne, FRANCE  
Email: [vera-kristina.magnusson@edf.fr](mailto:vera-kristina.magnusson@edf.fr)  
Telephone: +33 4 72 82 75 85  
Fax: +33 4 72 82 77 01

or fill in the form on our website:  
<http://www.europeanutilityrequirements.org>

If you have any further requests do not hesitate to contact us:

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I am interested in taking part in the EUR COURSE and I would like to have the final program and the final registration form send to me as soon as they are finished.

I am interested in a technical visit on the 5<sup>th</sup> day      YES      NO

Family name:.....  
First name.....  
School/Company:.....  
Address:.....  
Post code .....  
City.....  
Country.....  
Telephone number.....  
E-mail address.....  
Comments/questions.....  
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