

EUR COURSE

2014

EUR Course 2014

Paks, Hungary, 04-06 March

OUTLINE

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 proposes a three days course aimed at young engineers from EUR member countries.

The objective of the course is to provide:

- 1) General introduction of the EUR organization, main work and objects,
- 2) General introduction to the EUR requirements, history and evolution: where they come from, why they are needed and developing process of the requirements,
- 3) Technical presentations of the main chapters of Revision D.

This course is open to anybody who has a minimum scientific background. It is intended to provide first hand information to young professionals' engineers that have already started a career. This will also be a good opportunity to develop contacts between the participants.

The lecturers and moderators are experienced engineers or managers from major European utilities involved in nuclear generation or support activities.

CO-ORGANISERS

EUR Organisation: <http://www.europeanutilityrequirements.org>

MVM: <http://www.mvm.hu/en/Lapok/default.aspx>

PRACTICAL INFORMATION

Venue: Erzsebet Grand Hotel**** <http://www.erezsebethotelpaks.hu/en/Index.aspx>

GPS: 46°37'39.0"N 18°52'02.7"E

Address: H - 7030 Paks, Szent István tér 2. Hungary

Phone: + 36 75 530 600

Email: erezsebethotelpaks@npp.hu

- Course fee: free, except for the accommodation
- Language: English
- Presentations will be released on USB-Flash



PROGRAMME

Day1		
Time	Agenda	
8:00-9:00	Registration*	
9:00-9:15	Opening with Guillaume Jacquart/Csilla Tóth	-15min EUR chairman/MVM Paks II. tech. director
9:15-9:35	General introduction to the EUR organization	-20min Antoine Guelfi (EDF)
9:35-10:45	EUR documentation history and evolution	-70min Olivier Rousselot (EDF)
10:45-11:00	Break	-15min
11:00-12:40	Safety Requirements (2.1)	-100min Niils-Olov Jonsson (Vattenfall)
12:40-13:00	Discussion	-20 min
13:00-14:15	Lunch	
14:15-15:15	Design Basis (2.4)	-60min Valérie Bellens (Tractebel)
15:00-15:15	Discussion	-15min
15:15-16:15	PSA methodology (2.17)	-60min Stanislav Husták (CEZ)
16:15-16:30	Discussion	-15min
16:30-16:45	Coffee	
19:00	Welcome Dinner	
Day2		
8:30-9:15	Performance requirements (2.2)	-45min Danilo Dimitri (Enel)
9:15-9:30	Discussion	-15min
9:30-10:15	Grid requirements (2.3)	-45min Lasse Linnamaa (Fortum)
10:15-10:30	Discussion	-15min
10:30-10:45	Break	-15min
10:45-11:45	Material related requirements - Components, Systems and Processes 2.6, 2.7 & 2.8	-60min Olivier Rousselot (EDF)
11:45-12:15	Discussion	-30min
12:15-14:00	Lunch	
14:00-15:00	Containment system (2.9)	-60min Miroslav Kotouc (CEZ)
15:15-15:30	Discussion	-15min
15:30-16:15	Instrumentation & Control (2.10)	-45min Tamás Túri (MVM Paks II)
16:15-16:30	Discussion	-15min
16:30-16:45	Coffee	
19:00	Dinner	
Day3		
8:30-9:15	Layout rules (2.11)	-45min Olivier Rousselot (EDF)
9:15-9:30	Discussion	-15min
9:30-10:00	Design process and Documentation (2.12)	-30min Semen Kanareykin (Rosenergoatom)
10:00-10:15	Discussion	-30min
10:15-10:30	Break	-15min
10:30-11:00	Cost Assessment Information requirements (2.19)	-30min Ilya Bunak (Rosenergoatom)
11:00-11:15	Discussion	-15min
11:15-11:30	Wrap up	-15min
12:00-13:00	Lunch	
13:00-15:00	Site visit**	

* Lunch/Dinner payment individually

** based on the applications (Turbine building, Reactor hall through the observation room, Main control room through the observation room, Maintenance training centre.)

