



European Utility Requirements
for LWR nuclear power plants

Introduction to the EUR seminar 2007

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**EUR seminar
2007**

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The European utilities wish to keep the nuclear option open.

- Gen 3 designs can be built for a few decades and operated till the end of the century.
- The utilities have jointly developed a specification for Gen 3 NPPs: the European Utility Requirement (EUR) document.
 - A set of guidelines to develop Gen 3 standardised LWR plants adapted to European environment
 - A document written by investors & operators, taking into account all that can influence a decision about an investment (safety, licensing, performance, costs, risks, ...)
 - Open & neutral: possibly a base to call for bids



2007: nuclear renaissance in view?

- Shorter-term vision than in the 90's: real Gen 3 projects do appear
- Standardisation should be encouraged
 - Costs, available resource in manufacturing and design
 - Risk of divergence of the specifications: losing the benefits of standardisation?
 - Role of harmonised utility requirements and harmonised regulatory requirements valid on a large area for a long time
- Many actors interested in the EUR works



Links between the actors of the nuclear business are necessary

- Strong connections between the actors are essential to develop relevant and stable Gen 3 specifications
 - Very early in the development of the EUR document, the EUR utilities have established strong connections with their counterparts and their natural partners worldwide (other utilities, vendors and regulators,).
 - Many of the EUR works have actually been done in cooperation with these partners.
- periodic EUR seminars open to all interested parties.
 - Lille 2002 (ENC conference)
 - Versailles 2005 (ENC conference)



ICAPP 2007: a good opportunity to gather the European utilities and their partners

- gathers the major actors in nuclear business
- ICAPP focused on NPP design (Gen 3 & 4)
- the last EUR seminar was organised 2 years ago; right time:
 - to bring updated information about EUR to the nuclear community,
 - to establish contacts and to exchange fresh ideas.



which objectives for this seminar?

- to present:
 - the current status of the EUR Document,
 - its foreseeable evolution.
- to discuss the ideas which may impact the Gen 3 specifications, with the utilities, the vendors and the regulators.
- A neutral place to establish contacts between the main actors



Practical organisation: the detailed programme

time	topic	duration	speakers
14:00	welcome & introduction, presentation of the participants	15 mn	B. Roche
14:15	EUR status, the EUR works since 2005	15 mn + Q/A 5 mn	P. Berbey
14:35	EUR volume 3, AP1000 subset: presentation & main results, conditions of publication	20 mn + Q/A 5 mn	L. Noviello, P. Genay
15:00	EUR volume 3, AES92 subset: presentation & main results, conditions of publication	20 mn + Q/A 5 mn	O. Rousselot
15:25	EUR volume 4: presentation of the revision C	10 mn + Q/A 5 mn	A. Boyko
15:40	next steps	20 mn + Q/A 5 mn	P. Berbey
16:05	open discussion	45 mn	all
16:50	conclusions	10 mn	B. Roche
17:00	reception		all



Practical organisation: presentation material

- No paper: a USB memory key with the presentation files given to the participants
- The files of the presentations can also be downloaded from the EUR public web site:
<http://www.europeanutilityrequirements.org>
use the tab "EUR events" then "EUR seminar 2007"



You will be invited to a reception at the end of the seminar (17:00) to continue the discussions ...





European Utility Requirements for future LWR plants

Get fresh news at: <http://www.europeanutilityrequirements.org>

