

organization of the peer review process of stress tests in the European context

**“stress tests of NPP Dukovany and NPP Temelín -
evaluation of safety and safety margins in the light of
the accident of NPP Fukushima**

Round Table, Praha, 28 February 2012

Andreas Molin

Vice-Chair of ENSREG,

Member of the Board of the Peer Review Process

“stress tests” for “European” NPPs

- Mandate
- Specifications (“safety track”)
- Time table
- Peer Review Process
- Public Involvement
- Public Information (Communication)
- Related issues

“stress tests” - the mandate

“the safety of all EU nuclear plants should be reviewed, on the basis of a comprehensive and transparent risk and safety assessment (“stress tests”); the European Nuclear Safety Regulatory Group (ENSREG) and the Commission are invited to develop as soon as possible the scope and modalities of these tests in a coordinated framework in the light of lessons learned from the accident in Japan and with the full involvement of Member States, making full use of available expertise (notably from the Western European Nuclear Regulators Association);”

“stress tests” specifications

“For now we define a “stress test” as a targeted reassessment of the safety margins of nuclear power plants”

- WENRA Spring Meeting, 21 - 23 March 2011
- WENRA Task Force, April 2011
- STORE, ENEF WG Risks, 5 May 2011
- ENSREG Plenary, 12 - 13 May 2011
- ENSREG Consensus, 24 May 2011
- ENSREG Task Force, July – October 2011

“stress tests” reporting and general timetable

“the European Council will assess initial findings by the end of 2011, on the basis of a report from the Commission”

- 1 June 2011: start of “stress tests”
- 15 August 2011: licensees progress reports
- 15 Sept. 2011: national progress reports
- 31 October 2011: licensees final reports
- 24 Nov. 2011: Commission interim report
- 9 December 2011: European Council
- 31 December 2011: national final reports
- End of April 2012: ENSREG report
- June 2012: Commission final report

“stress tests”

Peer Review Process

“the assessments will be conducted by independent national authorities and through peer review”

- Three topical reviews in parallel, January and February 2012
 - Initiating Events
 - Loss of Safety Functions
 - Severe Accident Management
- 17 country visits in 6 parallel groups, March 2012
- Peer Review Board
- ENSREG Report + 17 Country Reports
Documents HLG_p(2011-16)_81, 85 & 86 of October 11, 2011

“stress tests” public engagement

- WENRA Consultation (April 2011)
- National and European Level guided by Principles for Openness and Transparency - HLG_p(2011-14)_57
- Transparency of “Stress Tests” - HLG_p(2011-16)_80
- European Level
 - Suggestions for Peer Review via Internet (1 to 20 January 2012)
 - Public Seminar, 17 January 2012
 - Public Seminar, May 2012

“stress tests” - Transparency

www.ensreg.eu

- EU Stress Tests
 - Background and Specifications
(also modalities and teams)
 - Country Specific Reports
(all EU member states, links to neighbouring countries and licensees' reports)
 - EU level Reports
 - Public engagement
(consultation, material of public event)

“stress tests” -

“security track”, “third track”

- Security threats and off-site emergency preparedness are not part of the mandate of ENSREG
- Ad Hoc Group on Nuclear Security (AHGNS),
created 21 July 2011 by COREPER
- Specific action on OSEP to come

“stress tests” -

neighbouring countries

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Thank you for your attention!