

European Nuclear Safety Conference 2013

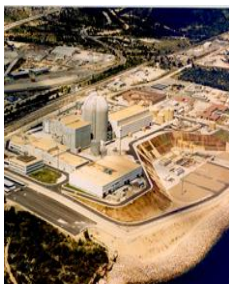
ENSREG: CHALLENGES FOR THE WAY FORWARD

Fernando Marti Scharfhausen, Chairman

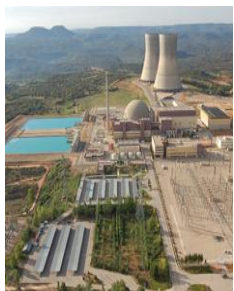
11 de junio de 2013



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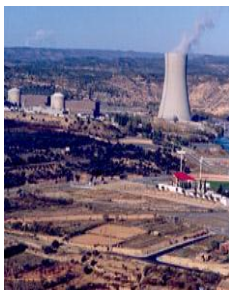


Lessons learned from Fuskushima Daiichi



Spanish National Action Plan: Outcomes

Future Challenges



01 | LESSONS LEARNED FROM FUKUSHIMA DAIICHI



- Importance of assessing the capacity of the NPPs to withstand situations beyond their respective design bases.
- Effective independence of the competent regulatory authority (RA) from undue influence in its decision making, particularly in the performance of regulatory functions.
- Transparency of RA: informing and engaging the general public and stakeholders. regarding nuclear installations .
- Establishment of safety culture and continuous improvement principle.

02 | SPANISH NATIONAL ACTION PLAN

- **March 2011:** European Council requested that ENSREG and EC should review all EU NPP: STRESS TESTS
- **December 2011:** All national reports were submitted and peer reviewed by ENSREG
- **April 2013:** National Action Plans Workshop



- **Implementation of improvement measures scheduled in 3 steps:**
 - ✓ short (end of 2012)
 - ✓ medium (until end of 2014)
 - ✓ long (until end of 2016)
- **Major challenges:**
 - ✓ filtered venting and installation of PARs
 - ✓ implementation in national regulation the outcomes of WENRA on- going review of the harmonization of the reference levels in field of external hazards
- **Good practices :**
 - ✓ analyzed an additional topic; potential loss of large areas at NPP-interface between safety and security
 - ✓ strengthen the use of PSR including the severe accident management in the review
 - ✓ engaging of stakeholders, mainly those in the vicinity of NPP via local information Committees

03 | FUTURE CHALLENGES



- Complete the understanding of Fukushima Daiichi accident and highlight the lessons learned.
- Enhancing international exchanges on operational safety experiences
- Improvement of the response and management in emergency situations
- Developing harmonized criteria and requirements for design, qualification and maintenance of new systems for severe accident conditions.
- Engaging public information

