



European Nuclear Safety Regulators Group

ENSREG – Meeting Future Challenges

ENSREG Conference – July 2015

Andy Hall

Chair ENSREG

ENSREG's Role

- Developing common understanding and promoting **continuous improvement** in:
 - Safety of nuclear installations
 - Safety of spent fuel management and radioactive waste.
- Facilitating **cooperation** between national regulatory authorities.
- **Advise** the European Commission.

Key Achievements

- 2009/71/EURATOM - Nuclear Safety Directive
 - Guidance to supporting consistent approach to Member States National reports.

- 2011/70/EURATOM - Waste Directive
 - Development of proportionate process to support a consistent approach to reporting and peer review requirements.

- EU Stress Tests:
 - Supported cooperation between member states
 - Peer review demonstrated individual member state's response achieved consistent safety outcomes.

Future Challenge: Implementing Topical Peer Review

- 2014 Nuclear Safety Directive sets objectives for establishment of system of topical peer review, to commence in 2017.
- Valuable opportunity to
 - Review principal areas of nuclear safety performance
 - Benefit from a diverse range of regulatory systems within Europe
 - Identify and promulgate good practice, as part of continuous improvement of national regulatory regimes.
- Our challenge:
 - to ensuring effective implementation of the topical peer review concept... ensuring benefits are fully realised.

Future Challenge: Severe Accident Management

- Substantial lessons learnt following the accident at Fukushima in relation to severe accident management.
- Further work required to facilitate common understanding of nuclear safety objectives:
 - “*preventing accidents*”
 - *Avoiding early releases that would require off-site emergency measures but with insufficient time to implement them*
 - Large radioactive releases that would require protective measures that could not be limited in area or time.

Conclusion

- Since establishment in 2007, ENSREG has maintained a strong record of achievement.
- ENSREG will continue to play an important role in facilitating **continuous improvement** of national regulatory regimes.
 - Supporting innovation and development of national regulatory frameworks for nuclear safety and waste management.