



Schweizerische Eidgenossenschaft
Confédération suisse
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Swiss Federal Nuclear Safety Inspectorate ENSI

Symposium

*«Current and Future Challenges for Nuclear Power Regulators»
on the occasion of Ulrich Schmocker's retirement*





Final Chairman's personal remarks

A.-C. Lacoste
Chairman of ASN



Presentations and Discussions

□ Long Term Operation

- Numerous technical issues to deal with (metal fatigue, cable failures, irradiation embrittlement of vessels, ...)
- Operating experience and research results to share at national and international levels
- Importance of human and organizational factors
- Conflict between political stop and go and management of long term issues

□ Disposal of radioactive waste

- Public confidence in decommissioning and waste management is a main issue : need for **credibility, competence and clear reports** answering public's concerns
- Relations between safety and requests expressed on behalf of the Public
- Need for a constant dialogue between operator and regulator, each one in its specific role



Presentations and Discussions

- ❑ IAEA: Better understanding of/adaptation to the needs of the Member States

- ❑ Nuclear new build
 - Loss of experience in Western Europe and North America
 - Importance of the experience feedback from the restart of construction in some of these countries
 - Interest of the MDEP initiative
 - Safety considerations to be taken into account from the very beginning and by the entire supply chain
 - Interest of an integrated nuclear regulator (safety/security/safeguards/...)
 - Necessary adaptation for a regulator body to fit for the future in a rapidly changing world
 - Need for sharing more and more regulators' experience and delivering common positions



Conclusion : towards new regulators

- Independent
- Delivering relevant information
- Acting transparently
- Developing an integrated vision of safety/security
- Performing their national duties while sharing a common international responsibility

Fruitful contribution of Ulrich Schmocker to the international harmonisation of safety standards

A key role and contribution at:

- IAEA (Commission on Safety Standards)
- WENRA (Western European Nuclear Regulators' Association)
- NEA (CSNI - Committee on the Safety of Nuclear Installations' working group on risk assessment)
- NEA (CNRA - Committee on Nuclear Regulatory Activities): chairing several working groups who developed «green booklets» on different nuclear safety issues