

## The Concept of Licensing Process for Standardised Reactor Technologies and the Role of TSO

*Tuesday, 28 October 2014 12:30 (30 minutes)*

The main reason of crisis in nuclear development in the world is the high level of risk connected with nuclear investment. The main goal for nuclear stakeholders is the decrease of this risk. Without risk decrease the financing of nuclear power is possible only with very strong dependence on national governmental financing or support. There are two main sources of risk for nuclear industry: fear (nuclear accidents, proliferation, terrorism) and costs (adaptation of design to national requirements, risk of closure by political decision, time of licensing and construction). The licensing process needs necessary changes. However these changes are extremely difficult because of well implemented habitudes and rules. The process of changes has to be realized step by step and with a strong support of very well prepared and understanding its necessity international community. The best international community to stimulate the process of implementation of these changes is the community of TSOs on different levels: regional, continental and international. We in Europe have to start this process by the harmonization of regulations and rules of EU Member Countries. But at the same time by the creation of the European Nuclear Safety Authority and the clear division of competences between European and National Safety Authorities. The process of implementation of these changes can by long, but it is necessary to start it as soon as possible.

### Country or International Organisation

Poland

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**Session Classification:** Session 2: Poster Session

**Track Classification:** Interface Issues