



global leadership in **nuclear safety**

**WANO**



# Licensing of Nuclear Installations

---

Peter Prozesky

European Nuclear Safety Conference

28 June 2017

# Bringing a New Project to Fruition

---



- ❑ WANO has **no formal role in licensing** or regulation, being an association of nuclear plant operators and owners
- ❑ We therefore have **no regulatory authority or powers to enforce** any requirements or standards in relation to any of our members
- ❑ WANO has however **developed a substantial suite of performance objectives and criteria** that reflect industry best practice in pursuit of safe and reliable operation of a Nuclear Power Plant
- ❑ WANO has a significant library of **accumulated operating event information** and a number of **“must know” Significant Operating Experience Reports**, containing some 240 specific recommendations that all new entrants are obliged to have implemented
- ❑ Although **membership is voluntary**, there are no civilian Nuclear Power Plants outside of WANO membership
- ❑ WANO’s expectation for a **new build entrant** is to **begin membership at the time of signature of contract** to begin construction

# WANO New Unit Assistance Programme

---



- ❑ **17 specific NUA modules** developed and offered for every new build project, including subjects such as **safety culture, emergency management, and work-management**
- ❑ NUA modules planned and deployed via expert missions, benchmarking and training programmes throughout the 5-8 years of construction and commissioning
- ❑ 12-18 month before fuel loading – Operational Readiness Assist mission (detailed review against WANO PO&Cs to identify gaps)
- ❑ 1-2 months before fuel loading – Pre-Start-Up-Review. Formal review; may result in Pre-start-up AFIs. Must be solved before fuel load or criticality
- ❑ PSUR includes comprehensive Operator Crew Performance Observations on simulator and review of completion of recommendations from SOERs



# Thank you for listening

---

For more information please visit  
[www.wano.info](http://www.wano.info)