Licensing of Nuclear Installations

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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.
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