GLOBAL LEADERSHIP IN NUCLEAR SAFETY
Nuclear safety as a Cornerstone for Public Acceptance

Alex Polyakov, Programme Director at WANO

IAEA INPRO Dialogue Forum on Enhancing Public Acceptance of Nuclear Energy through Institutional Innovations

Friday 10 December 2021
Alex Polyakov

- 36 years of nuclear experience
- 22 years at South Ukraine NPP
- Seven years in the IAEA
- Seven years at WANO
- TL or DTL of WANO and IAEA OSART and SALTO missions - Argentina, Armenia, Belgium, Brazil, Bulgaria, China, Czech Rep., Hungary, Mexico, South Africa, Sweden
- March 2018 began working in WANO – London Office as Programme Director.
Overview of WANO

WANO was established by the nuclear industry in 1989. Membership lets industry professionals focus on one key goal: excellence in nuclear safety

- Membership is voluntary and every operator of a commercial nuclear power plant across the globe is a member.
  - Operating companies
  - Owners
  - Others with significant impact on nuclear safety

- More than 125 members work together to achieve the best possible safety standards.

- WANO does not advocate for/promote nuclear power – its sole focus is on safety

WANO Member World Map is available at [www.wano.info](http://www.wano.info)
To maximise the safety and reliability of nuclear power plants worldwide by working together to assess, benchmark and improve performance through mutual support, exchange of information, and emulation of best practices.
How WANO helps its members

- **We Support**
- **We Review**
- **We Connect**
- **We Share**
- **We Teach**
Support through the entire lifecycle

- Support through entire life: focusing on those in need of support

- Early engagement through cooperation with IAEA
- R2OR
- 18 NUA Modules
- Focus on Newcomers

- Building competences: IWGs
- On request of WANO Members, providing guidance in Ageing Management.
- Development of GLs and collection of GPs;

- WANO Reps: Monitoring plant performance, identifying MPI needs
- Provision of tailor-made MSMs, accounting Peer Review results
New units: building the pool of operational competences

Figure D.1: Standardized Sequence of Project Activities to Plant Operation
To guide the operator in building strong operational capability and how to convert the project mindset to the operational mindset.

Written by operators for operators.

The Roadmap is based on operator knowledge and experience. It promotes the guidance and lessons learned from the EPRI, IAEA, WANO and other organisations.

Sharing experience and success stories.
Close cooperation with IAEA has proven to be beneficial:

- Facilitation of first contacts with members
- Collaboration in delivering support in very early stages (knowledge and Reference Documents)
- Avoiding additional burden to our members by avoiding duplication of Assistance / assessment activities
THANK YOU FOR LISTENING

FOR MORE INFORMATION PLEASE VISIT

Public  wano.info
WANO Members  members.wano.org