



## Civil Nuclear Energy Workshop: Partnering for Implementation

OCTOBER 8-9, 2024 | KNOXVILLE, TN

### **Alexandr Klepikov, PhD**

*Deputy Director*

*Nuclear Technology Safety Center*

Mr. Alexandr Klepikov supports reactor decommissioning activity, mostly related to LMC processing (project management, organization of workshops, intercommunication between foreign and domestic participants of BN-350 shutdown), development of nuclear and radiation safety documents, development of regulation drafts for Kazakhstan nuclear Regulator, independent reviews of Safety Analysis reports, etc.



Previously he experimented on hydrogen isotopes permeation in structural materials of fusion and fission reactors (austenitic and martensitic steels, graphite, beryllium, etc.), designing of in-pile experimental assemblies, commissioning of vacuum posts for UHV experiments, in-pile experiments at Kazakhstan National Nuclear Center reactors, processing and interpretation of experimental data.

He received his PhD in nuclear engineering from the Institute of Nuclear Physics in Kazakhstan. Additionally, he was a member of the IAEA expert team for high temperature gas reactor safety rules development from 2016 to 2018 and is currently a member of the Climate Change Challenges to Nuclear Installation

#### Organization Overview:

Nuclear Technology Safety Center is TSO for Kazakhstan Nuclear Regulator

#### Delegate Interests:

Robotics

#### Topics / subjects the delegate wishes to be included in the Workshop and site visits :

New trends in waste management, dismantling and SMR.