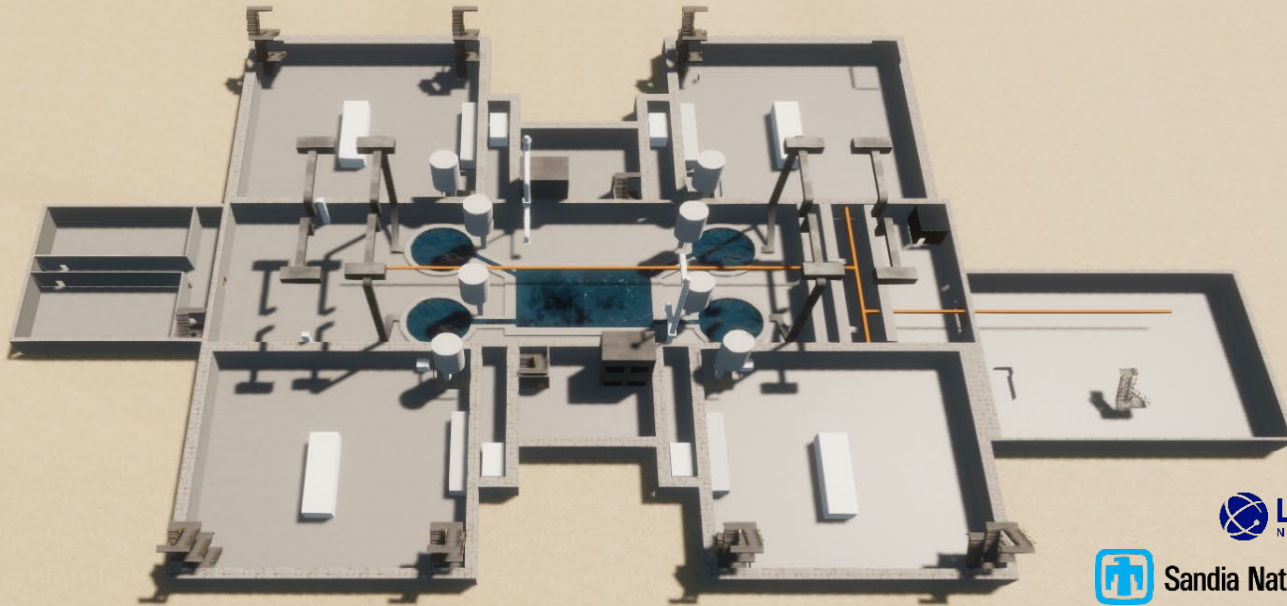



SEPTEMBER 25-29, 2023

SAFEGUARDS AND SECURITY BY DESIGN WORKSHOP



 **Los Alamos**
NATIONAL LABORATORY

 **Sandia National Laboratories**

The National Nuclear Security Administration Office of International Nuclear Security (NA-211) and Office of International Nuclear Safeguards (NA-241) will co-host a five-day **Safeguards and Security by Design** workshop for U.S. advanced and small modular reactor (ASMR) vendors that seek to deploy their technologies in the U.S. and abroad. To be held September 25-29, 2023, at Los Alamos and Sandia National Laboratories in New Mexico, the workshop will focus on the technical measures that can be applied during ASMR planning and design stages to increase physical protection system efficacy and enable facilities to meet international safeguards obligations.

COURSE CONTENT

Los Alamos National Laboratory Sep. 25-26	Sandia National Laboratories Sep. 27-29
Safeguards Topics	Security Topics
Nonproliferation and the IAEA safeguards system	Integrating design basis threats
Domestic material control and accounting vs. international safeguards requirements	Target identification and vital area identification for domestic and international facilities
Containment and surveillance measures and unattended monitoring systems	Intrusion detection technologies
Design information questionnaire for reactors and design information verification	Delay features
Safeguards technologies and joint use equipment	Response force strategies
Use of handheld nondestructive assay equipment	Modeling and simulation
Demonstration of safeguards technologies	Demonstration of security technologies
Safeguards, Security & Safety (3S) interfaces, challenges, and benefits for ASMR	

REGISTRATION DETAILS

- Recommended attendees include safeguards and security directors and system designers, license application managers, and plant designers.
- The workshop is for U.S. citizens only.
- Registration closes on July 31, 2023.

Registration Website: <https://nstc.sandia.gov/safeguards-and-security-by-design-for-asmrs-workshop>



Registration Website