



## **GAIN 2017 NE-Voucher Program**

On May 16 and 17, 2017 the NE Voucher Review Team convened at Argonne National Laboratory to review and discuss initial scoring of the 32 submitted proposals. Discussion focused on several subjects including feasibility, technical merit, impact, and potential for commercialization. A prioritized list was created for DOE's consideration, with 11 proposals recommended for award. DOE-NE will review the recommendations and decide on final awards in the next month.

## **GAIN Fuel Safety Research Workshop**

The GAIN Fuel Safety Research Workshop was held on May 1-4, 2017, at the Idaho National Laboratory (INL) in Idaho Falls, ID. This was an invitation only workshop to create a forum for industry participants to learn about transient testing from a research and regulatory perspective. On May 1, 25 participants toured the INL Advanced Test Reactor (ATR) and the Materials and Fuels Complex (MFC). They were then treated to lunch at the Experimental Breeder Reactor-1 Museum. The workshop commenced on May 2, in the INL Energy Innovation Laboratory (EIL). Seventy participants represented several organizations, including the Department of Energy, the Nuclear Regulatory Commission, Light Water Reactor Industry, Advanced Reactor Industry, and DOE's national laboratories. In addition, international attendees included representatives of Canada, Japan, Mexico, Belgium, Switzerland, and France. A poster session during lunch on May 2 featured 14 posters on various transient testing related topics. During lunch on May 3, Corey McDaniel presented advanced reactor demonstration opportunities and the experience working with NuScale on the siting of their reactor at INL.

[\*\*GAIN Fuel Safety Research Workshop Presentations\*\*](#)

[\*\*GAIN Fuel Safety Research Workshop Posters\*\*](#)

## **Regulatory**

A two-day NRC public meeting was held on May 3-4, 2017, to discuss possible regulatory process improvements for advanced reactor designs with various stakeholder organizations. Topics of discussion included:

- Possible physical security requirements
- Licensing basis events selection process
- Probabilistic risk assessment
- Functional containment performance criteria
- Standard design approval
- Technical and policy issues for non-LWRs.

This meeting provided a good exchange of information between stakeholders and the NRC staff on philosophies, approaches, metrics, and future activities for advanced reactor licensing framework modernization.

If you have a regulatory question for NRC, please see the [GAIN Regulatory Tab](#) to submit your question.