

Industry-Led Licensing Modernization Project (LMP) Status

April 19, 2018

The DOE is working with interested stakeholders to support activities related to the advanced reactor Licensing Modernization Project (LMP). This project is being led by Southern Company (on behalf of industry), coordinated with the Nuclear Energy Institute (NEI), and cost-shared by DOE. The project is developing technical non-LWR licensing methods that are technology-inclusive, risk-informed, and performance-based. A key LMP objective is to generate a document for NRC review and endorsement that can be subsequently used by advanced reactor license applicants as regulatory guidance.

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Nuclear Innovation Week

Third Way, Nuclear Energy Institute (NEI), and GAIN partnered together to create the inaugural **Nuclear Innovation Week** on March 5-9, 2018. **Third Way's Nuclear Summit** was focused on broadening the community of support for innovative nuclear technologies. Held at Longview Gallery in the Shaw neighborhood of Washington, DC, the Nuclear Summit served as the kick off to the first ever "Advanced Nuclear Week." Speakers included INL Director, Mark Peters; Chairman of the Nuclear Regulatory Commission, Kristine Svinicki; and US Ambassador to IAEA, Laura Holgate.

The NEI Nuclear R&D Summit highlighted the progress in nuclear energy research and development efforts, discussed the challenges associated with commercializing technologies, and explored the importance of accelerated efforts to develop private-public partnership opportunities. In the afternoon, willing participants "stormed Capitol Hill" to discuss the need for advanced nuclear technologies.

On March 8-9, 2018, the Department of Energy's Gateway for Accelerated Innovation in Nuclear (GAIN) Initiative, the Nuclear Energy Institute (NEI), the Electric Power Research Institute (EPRI), and George Washington University (GWU) hosted the **Enabling Advanced Reactors for the Market Symposium** to bring together technology developers, energy users, government representatives, and others in a dialogue about the future energy market and the role of advanced nuclear technologies. Participants identified opportunities and challenges associated with deployment of advanced reactor technologies for future energy markets.

The symposium agenda included perspectives from advanced nuclear technology developers, utility and energy end users, industry, DOE, regulators, and policy makers. Developers included General Atomics, Kairos Power, GE-Hitachi, TerraPower, Terrestrial Energy, and X-Energy. Utility and end users were represented by EPRI, Exelon, Ontario Power Generation, Salt River Project, Southern Company, Tennessee Valley Authority, and Dow Chemical Co. Government and policy presentations were made by representatives from DOE-NE, NEI, NRC, U.S. House and Senate Committees, National Conference of State Legislatures, NEI, and NIA.

April 26, 2018

Gateway for Accelerated Innovation in Nuclear (GAIN) Announces: Advanced Nuclear Technology Development Voucher Opportunity

December 13, 2017

IDAHO FALLS, Idaho – The Gateway for Accelerated Innovation in Nuclear (GAIN) today announced the availability of fiscal year 2018 funds for vouchers to assist applicants developing advanced nuclear energy technologies who are seeking access to the world-class expertise and capabilities available across the U.S. Department of Energy's national laboratory complex. The vouchers are provided by the DOE's Office of Nuclear Energy to support nuclear energy innovation.

 **Announcement**

U.S. Industry Opportunities for Advance Nuclear Technology Funding Opportunity (FOA)

December 7, 2017

WASHINGTON, D.C. – Today, **U.S. Secretary of Energy Rick Perry** released a funding opportunity announcement (FOA) to support development of advanced nuclear energy technology. The Department of Energy (DOE) is soliciting proposals for cost-shared projects to develop innovative, industry-driven reactor designs and accompanying technologies with high potential to advance nuclear power in the United States.

"Targeted early-stage investment in advanced nuclear technology will support a strong domestic industry now and into the future," said **Secretary Perry**. "This funding opportunity is an important step to ensure our nation continues to benefit from this clean, resilient source of electricity."

DOE expects to make up to \$30 million or more available in FY 2018 awards, subject to the availability of funding. The FOA will be open for a five-year period accepting applications on a year-round basis, with a quarterly selection process. Additional funding will be available in future years, as allocated by Congress.

Through this competition, DOE encourages U.S. companies to partner with other U.S. federal agencies, public and private laboratories, institutions of higher education, and other domestic entities to share expertise needed to successfully develop these innovative technologies.

This FOA is available at www.grants.gov under reference number DE-FOA-0001817. Initial applications are due January 31, 2018.

DOE will conduct a webinar on January 9, 2018 at 1:00 p.m. EST for more information on this funding opportunity. You can register for the webinar [here](#). A Frequently Asked Questions (FAQs) document is also available at www.id.doe.gov.

The 2018 NE Voucher Program was announced as part of the new Advanced Nuclear Technology FOA. For more information please go to gain.inl.gov [FUNDING OPPORTUNITIES](#).



[DE-FOA-0001817](#)



[Announcement](#)

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