



GAIN Gateway for Accelerated Innovation in Nuclear

Thursday, August 3, 2017

DOE Releases Draft Workscopes for FY2018 CINR FOA Webinar

The U.S. Department of Energy, Office of Nuclear Energy has released draft workscopes for the FY 2018 CINR FOA webinar. DOE-NE anticipates discussing FY 2018 NEUP R&D, NEUP IRP, NEET, and applicable NSUF workscopes. New aspects of DOE-NE's consolidated FOAs will also be discussed.

When: August 8-10, 2017

Webinar Schedule

Draft Workscopes

Click [HERE](#) to Register for the FY 2018 Webinar

GAIN 2017 NE-Voucher Program

On June 26, 2017, the Gateway for Accelerated Innovation in Nuclear (GAIN) announced that 14 businesses will be provided nuclear energy vouchers worth approximately \$4.2 million to accelerate the innovation and application of advanced nuclear technologies. The GAIN nuclear energy vouchers provide advanced nuclear technology innovators with access to the extensive nuclear research capabilities and expertise available across the U.S. DOE national laboratories complex. GAIN nuclear energy voucher recipients do not receive direct financial awards. The GAIN nuclear energy vouchers provide access to national laboratory capabilities at no cost to the voucher recipients. The businesses selected to receive GAIN nuclear energy vouchers are provided in the table.

GAIN Voucher Announcement

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

GAIN Nuclear Energy Voucher Recipient	Proposal Description	Partner Facility
AMS Corp. Knoxville, TN	Radiation Aging of Nuclear Power Plant Components	Oak Ridge National Laboratory
Columbia Basin Consulting Group LLC Kennewick, WA	Methodology for Meeting Containment System Principal Design Criteria for Heavy Metal Fast Reactor Systems	Pacific Northwest National Laboratory
DYNAC Systems LLC Del Mar, CA	Dynamic Natural Convection System	Idaho National Laboratory
Elysium Industries Clifton Park, NY	Synthesis of Molten Chloride Salt Fast Reactor Fuel Salt from Spent Nuclear Fuel	Idaho National Laboratory/Argonne National Laboratory
Fauske & Associates LLC Burr Ridge, IL	Development of an Integrated Mechanistic Source Term Assessment Capability for Lead- and Sodium-Cooled Fast Reactors	Argonne National Laboratory
GSE Systems Inc. Sykesville, MD	Human Factors Engineering for the Move to Digital Control Systems – Improved Strategies for Operations	Idaho National Laboratory
Kairos Power LLC Oakland, CA	NEAMS [Nuclear Energy Advanced Modeling and Simulation] Thermal-Fluids Test Stand for Fluoride-Salt-Cooled, High-Temperature Reactor Development	Argonne National Laboratory/Idaho National Laboratory
MicroNuclear LLC Franklin, TN	Development of the Microscale Nuclear Battery Reactor System	Idaho National Laboratory
Muons Inc. Batavia, IL	Conversion of Light Water Reactor Spent Nuclear Fuel to Fluoride Salt Fuel	Oak Ridge National Laboratory
Nuvision Engineering Inc. Pittsburgh, PA	Evaluation of Power Fluidic Pumping Technology for Molten Salt Reactor Applications	Oak Ridge National Laboratory
Oklo Inc. Sunnyvale, CA	Risk-Informed Mechanistic Source Term Calculations for a Compact Fast Reactor	Sandia National Laboratories/Argonne National Laboratory
SMR Inventec LLC Camden, NJ	Small Modular Reactor-160 Primary Flow Stability	Oak Ridge National Laboratory
Terrestrial Energy USA Ltd. New York, NY	IMSR® [Integral Molten Salt Reactor] Fuel Salt Property Confirmation: Thermal Conductivity and Viscosity	Argonne National Laboratory
Transatomic Power Corporation Cambridge, MA	Fuel Salt Characterization	Argonne National Laboratory