

**Committee on Energy and Commerce**  
**U.S. House of Representatives**  
Witness Disclosure Requirement - "Truth in Testimony"  
Required by House Rule XI, Clause 2(g)(5)

<b>1. Your Name:</b> Mark T. Peters, Ph.D.		
<b>2. Your Title:</b> Director, Idaho National Laboratory and President, Battelle Energy Alliance, LLC		
<b>3. The Entity(ies) You are Representing:</b> The Idaho National Laboratory which is a federally funded research and development center owned by the U.S. Department of Energy. The INL is managed and operated by Battelle Energy Alliance, LLC, under Contract No. DE-AC07-05ID14517 with the U.S. Department of Energy.		
<b>4. Are you testifying on behalf of the Federal, or a State or local government entity?</b>	Yes	No X
<b>5. Please list any Federal grants or contracts, or contracts or payments originating with a foreign government, that you or the entity(ies) you represent have received on or after January 1, 2015. Only grants, contracts, or payments related to the subject matter of the hearing must be listed.</b>  - Cooperative Research and Development Agreement (CRADA) No. 11-CR-13 with Korea Atomic Energy Research Institute (KAERI) - CRADA No. 13-CR-09 with KAERI - CRADA No. 14-CR-08 with KAERI		
<b>6. Please attach your curriculum vitae to your completed disclosure form.</b>		

Signature: \_\_\_\_\_

Date: 2/2/2018



## MARK PETERS, Ph.D.

### Position

**Director, Idaho National Laboratory**

### Short Profile

Dr. Mark Peters is laboratory director at Idaho National Laboratory (INL). He is responsible for management and integration of a large, multipurpose national laboratory, with a mission focus in nuclear energy, national and homeland security, and energy and environmental science and technology. He manages an organization of 4,200 staff and multiple nuclear and non-nuclear experimental facilities, with an annual budget of more than \$1 billion. Peters serves as a senior advisor to the U.S. Department of Energy on nuclear energy technologies and research and development programs, and nuclear waste policy. As a recognized expert in nuclear fuel cycle technologies and nuclear waste management, Peters is called upon frequently to provide expert testimony to Congress in formulation of policies for nuclear fuel cycles, nonproliferation and nuclear waste disposal. Peters was honored in 2015 as a Fellow of the American Nuclear Society for outstanding accomplishments in the area of nuclear science and technology.

### Professional organizations

Peters serves as co-chairman of the Idaho governor's Leadership in Nuclear Energy (LINE) Commission, which is tasked with recommending policies and actions that enhance INL's long-term viability.

Idaho Gov. C.L. "Butch" Otter appointed Peters to the board of the Idaho STEM Action Center, a statewide effort to promote science, technology, engineering and mathematics education in Idaho's public schools.

Peters serves on the board of directors for the Nuclear Energy Institute and the Foundation for Nuclear Studies. Peters is an active member of the Geological Society of America, where he served as a member of the Committee on Geology and Public Policy.

He is a member of the American Geophysical Union, the Geochemical Society, the Mineralogical Society of America, and the American Nuclear Society (ANS). He serves on the ANS' Public Policy Committee and also served on the executive committee of the ANS' Fuel Cycle and Waste Management Division.

As a result of his professional achievements, Peters has been elected to Sigma Xi, the Scientific Research Society, Sigma Gamma Epsilon, and the Earth Sciences Honorary Society.

## **Professional History**

Previously, Peters was associate laboratory director for energy and global security at Argonne National Laboratory (ANL). He was responsible for the management and integration of the laboratory's energy and global security programs. As associate laboratory director, he managed an organization of 800 staff with an annual budget of more than \$250 million. Prior to that, Peters was deputy laboratory director for programs at Argonne. He was responsible for management and integration of the laboratory's science and technology portfolio, strategic planning, the laboratory-directed research and Development program, and technology development and commercialization. Prior to that, as a deputy associate laboratory director for energy sciences and engineering, he was responsible for the development of new program opportunities at the laboratory, particularly in the areas of energy storage, nuclear energy, nuclear safety and waste management. He served as an expert advisor to the DOE Advanced Fuel Cycle Initiative (AFCI) and as AFCI national campaign director for waste forms and used fuel disposition.

As a scientist with Los Alamos National Laboratory in New Mexico, Peters served as senior scientist to the director of the Office of Civilian Radioactive Waste Management (OCRWM), and was the external spokesman for the OCRWM science and technology programs. Peters was widely recognized for his efforts in addressing and resolving sensitive policy and technical issues on used fuel disposition. He led interactions with independent technical, oversight, and regulatory bodies, and was commended by the OCRWM director for his efforts. In a prior position at Los Alamos National Laboratory, Peters managed the science and engineering testing program at the Yucca Mountain Project.

Before joining Los Alamos National Laboratory, Peters was a research fellow in geochemistry at the California Institute of Technology, where his research focused on trace-element geochemistry. He has authored more than 60 scientific publications, and is a recognized expert at national and international meetings.

Peters held an adjunct faculty appointment in the Department of Earth and Planetary Sciences at Northwestern University and was a senior fellow in the Northwestern Argonne Institute of Science and Engineering from 2013 to 2015. Peters serves on advisory boards and councils, including several that support innovation and economic development. These include Harman's Innovation Advisory Council, Energy Foundry Board of Directors, University of Illinois at Chicago College of Engineering Advisory Board, and the Scientific Advisory Committee for Notre Dame's Energy Frontier Research Center.

## **Education**

Peters received his doctorate in geophysical sciences from the University of Chicago and his bachelor's in geology from Auburn University. He completed the Strategic Laboratory Leadership Program at the University of Chicago Booth School of Business.