

## HSSL Featured in Nuclear News

The Human Systems Simulation Laboratory (HSSL) located at the Idaho National Laboratory was featured on the June 2017 issue of Nuclear News, an leading industry-focused publication produced by the American Nuclear Society (ANS). Like the embedded topical meeting at the recent ANS Annual Meeting in San Francisco, the June issue focused on instrumentation and controls in nuclear power plants.

Constructed as part of DOE's Light Water Reactor Sustainability (LWRS) Program, the HSSL provides unique capabilities for LWRS Program human factors researchers to simulate both the old analog control systems and the

newest state-of-the-art digital control systems - or any hybrid combination of the two. The HSSL allows human factors research on how operators respond and interact with the control systems under various scenarios

Nuclear News published 'Human Factors for Main Control Room Modernization,' an article by LWRS Program's Ken Thomas, Ron Boring, Jacque Hugo and Bruce Hallbert, in which they describe the novel approach to control room modernization and design enabled by the HSSL and other work conducted as part of the Advanced Instrumentation, Information, and Control Systems Technologies Pathway of the LWRS Program.

