Special Section: Education, Training, and Workforce Development

U of Tennessee nuclear engineering: A decade of transformation
BY J. WESLEY HINES

Enhanced training at Quad Cities

Special Report: 2018 ANS Winter Meeting

Joining forces to advance nuclear

Fusion technology: A global update

Exploring nonproliferation policy

Index to 2018 Nuclear News Articles

Power


Security

Nevada seeks to block plutonium shipment from Savannah River Site. Nigeria is latest country to become HEU free. NRC approves physical security rulemaking plan for advanced reactors.
International

EDF signs 10-year agreement to support operation and maintenance of UAE's Barakah nuclear power plant. United Kingdom’s Nuclear AMRC and Canadian Nuclear Laboratories sign MOU to collaborate on new clean-energy and next-generation nuclear technologies. Finland’s Olkiluoto-3 EPR delayed four more months. IAEA to establish new food, agricultural labs at Seibersdorf. China National Nuclear Corporation launches R&D center for nuclear fuels and materials.

Waste Management

National Academies report outlines barriers to NNSA’s plan to dispose of surplus plutonium at WIPP. DOE to close TRU waste treatment facility at Idaho National Laboratory. NRC considers escalated enforcement for cask incident at San Onofre. Report recommends turning over nuclear waste management to independent, utility-owned organization.

Fuel

Red Book: Global uranium supplies can meet projected demand. New Westinghouse-developed accident-tolerant fuel produced at Idaho National Laboratory. X-energy, Centrus and Paladin Energy to study restart of Langer Heinrich mine in Namibia.

Research

DOE’s Advanced Research Projects Agency–Energy awards additional $12 million in grants. Wendelstein 7-X fusion device achieves record plasma values.

Industry

DOE awards $135-million contract for new ventilation system at WIPP; other contracts. Sarens Giant Crane-250 launched in Belgium.

Standards

Standard approved; comments requested on two standards.