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Coming up . . .

February—Special Section on Instrumentation & Controls

March—21st Annual Reference Issue

April—Special Section on Supply Chain

On the cover: Graduate research assistant Robyn Collette researches the rapid growth of promising inorganic scintillator candidates at the University of Tennessee at Knoxville's Scintillation Materials Research Center. An article about the growth and transformation of UTK's nuclear engineering program is included in the Special Section on Education, Training, and Workforce Development, which begins on page 31. (Photo: University of Tennessee at Knoxville)

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Special Section: Education, Training, and Workforce Development

U of Tennessee nuclear engineering: A decade of transformation BY J. WESLEY HINES	31
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Special Report: 2018 ANS Winter Meeting

Joining forces to advance nuclear	52
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Exploring nonproliferation policy	66
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Index to 2018 Nuclear News Articles

Power 21

Dominion/SCANA merger approved by South Carolina Public Service Commission. Pennsylvania's bipartisan Nuclear Energy Caucus releases report on state's nuclear industry. New construction milestones reached at Vogtle-3. McNamee takes seat on Federal Energy Regulatory Commission amid controversy. Bankruptcy court approves FirstEnergy Nuclear Operating Company's amended employee retention plan. NRC issues violation notice for emergency diesel generator failure at Peach Bottom. Maximizing the Assets: A status report on license renewal and power uprates.

Security 27

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.



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International 29

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 43

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 47

Red Book: Global uranium supplies can meet projected demand. New Westinghouse-developed accident-tolerant fuel produced at Idaho National Laboratory. X-energy, Centrus proceed with preliminary design of TRISO-X fuel fabrication facility. IAEA purchases LEU for fuel bank in Kazakhstan. Paladin Energy to study restart of Langer Heinrich mine in Namibia.

Research 50

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

Industry 70

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

Standards 72

Standard approved; comments requested on two standards.

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