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Coming up . . .

February—Special Section on the Capabilities of the Nuclear Science User Facilities

March—20th Annual Reference Issue

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Power 20

Toshiba fulfills \$3.68-billion parent guarantee obligation for Vogtle project. Audit by TVA's Office of the Inspector General finds that Bechtel overcharged for craft labor to complete Watts Bar-2. SCANA offers to transfer ownership of Summer-2 and -3 to Santee Cooper. Maximizing the Assets: A status report on license renewal and power updates. Public opinion survey finds that residents support nearby nuclear plants. Component failure at Exelon's Clinton plant results in notice of violation from NRC.

Security 26

Department of Homeland Security establishes office to counter weapons of mass destruction threats; new DHS secretary sworn in. Federal lawmakers concerned with pace of 10 CFR Part 810 authorizations. Dominion ordered to address security lapse at Millstone. National Nuclear Security Administration delivers fiscal year 2018 security reports to Congress; other NNSA news. IAEA hosts International Conference on Physical Protection of Nuclear Material and Nuclear Facilities. North American Electric Reliability Corporation tests grid security during simulated attack. Austria, Slovenia pass IAEA security reviews.

Policy & Legislation 32

Energy Secretary Rick Perry extends deadline for FERC's consideration of grid proposal. Eight new bills filed in South Carolina legislature following failure of Summer project. Hearing held in New Jersey on possible nuclear-related legislation. Nuclear Energy Institute defends New York's zero-emissions credit program in appeals court. Bills to address impacts of plant closures introduced in House of Representatives.

International 36

Jordan Atomic Energy Commission, X-energy sign memorandum of understanding on advanced reactor design. Installation of critical systems at the Chernobyl Unit 4 New Safe Confinement nears completion. Construction of Rooppur-1 nuclear plant in Bangladesh begins. Governor of Japan's Fukui Prefecture agrees to Ohi-3 and -4 restart.



Waste Management 39

PUREX Tunnel 2 at Hanford Site to be stabilized. Waste retrieval activities completed at Hanford Site's C Tank Farm. Ground broken for new mercury treatment facility at Y-12 National Security Complex. New timeline sought for Canada's Chalk River low-level waste facility. NRC issues regulatory basis for new decommissioning rule.

Fuel 63

Kazakhstan's Kazatomprom to cut uranium production by 20 percent for three years. Boss Resources acquires all shares of Honeymoon project in South Australia; other business developments. Preliminary economic assessment completed for Mutanga project in Zambia; other mining developments. U.S. production of uranium concentrate declined slightly in third quarter of 2017.

Isotopes & Radiation 66

NRC completes safety review of Northwest Medical Isotope's proposed molybdenum-99 production facility. Firms cited for violating nuclear gauge regulations. Testing begins on NASA's Kilopower reactor project.

Research 68

ITER project reaches key milestone while budget cuts loom. DOE announces three funding opportunities for advanced nuclear technology.

Industry 70

Areva, Lightbridge sign fuel agreements; other business developments. Nuclear firms recognized for excellence, innovation. EDF Energy signs Wood for Hinkley Point C work; other contracts. Engine Systems Inc. finishes power supply analysis; other 10 CFR Part 21 updates.

Standards & Documentation 72

Standard approved; comments requested. NUREGs issued.

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