

DEPARTMENTS

EDITORIAL

ANS Technical Journals	14
At the ANS Nuclear Cafe	15
Backscatter	76
Calendar	6
Late News	17
Nuclear Notes	4
People	70
Proceedings Available	14
Recently Published	14
Short Courses & Seminars	13

ADVERTISING

Direct Answer	62
Index to Advertisers	61

Coming up . . .

June—Special Section on Health Physics and Isotopes & Radiation

July—Special Section on Operations
—Profile of incoming ANS President John E. Kelly

August—24th Annual Vendor/
Contractor Profile Issue

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On the cover: A worker controls remote cutting equipment to dismantle reactor internals in a nuclear power plant that is being decommissioned. An article on a product line approach to the segmentation of major components is included in the Special Section on Decommissioning, which begins on page 37. (Photo: PlantDecommissioning.com)



Special Section: Decommissioning	37
Waste Management Conference: Advanced Technologies	38
A product line approach to nuclear plant decommissioning BY RUSS VALIN	44

Power 20

New Jersey lawmakers approve aid to state's nuclear plants. DOE mulls emergency aid for nuclear and coal plants; FirstEnergy Solutions bankruptcy moves forward. Vogtle project reaches another major milestone. Electricity rates at issue in aftermath of failed Summer project. Maximizing the Assets: A status report on license renewal and power uprates. NRC gives Florida Power & Light go-ahead for Units 6 and 7. Minnesota legislature weighs cost assurances for nuclear. NRC's annual Regulatory Information Conference highlights modernization efforts. (See also Call for Papers, pp. 71-74, for the 2018 ANS Winter Meeting, November 11-15, Orlando, Fla.)

Security 26

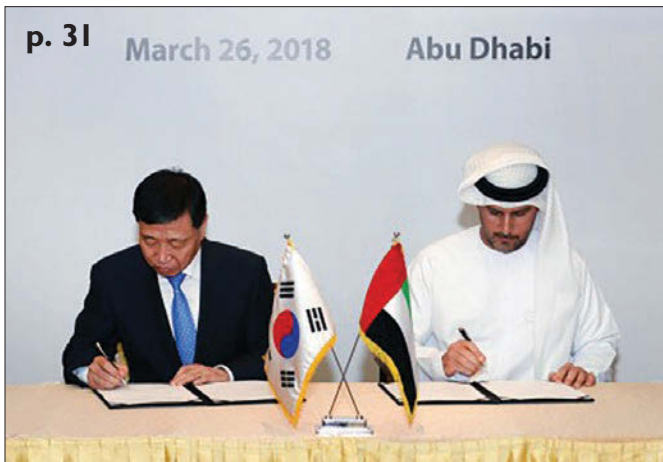
National Nuclear Security Administration launches \$1.8-billion supercomputer initiative. Lawrence Livermore National Laboratory to lead U.S.-U.K. nonproliferation research collaboration. Legislators push gold standard for "123" agreements.

International 30

Groundbreaking ceremony held for Turkey's Akkuyu nuclear power plant. Emirates Nuclear Energy Corporation expands nuclear partnerships with South Korea. South Korean President Moon joins in celebration of completion of United Arab Emirates' Barakah-1. Calandria tube inserts removed at Canada's Darlington-2. Canada's Chalk River Laboratories license renewed for 10 years. Concrete pour completed for basemat of Bangladesh's Rooppur-1. Japan's Genkai-3 is seventh post-Fukushima restart. IAEA conducts safety review of Finland's Olkiluoto-3. Operational safety review conducted at Finland's Loviisa plant. IAEA issues guide for terminating a nuclear emergency.

Waste Management 50

CH2M Hill issues draft report on contamination spread at Hanford Site. Canister issue holds up spent fuel transfer at San Onofre. NRC begins review of Holtec's license application for consolidated interim storage facility. NRC renews Southwest Research Institute's contract to operate Center for Nuclear Waste Regulatory Analyses.



Fuel 54

X-energy, Centrus team up to design advanced nuclear fuel production facility. Membrane separation technologies studied at Madaouela Project in Niger. Mining companies announce new mineral resource estimates.

Isotopes & Radiation 57

Canadian organizations form alliance to promote isotope production. NRC denies firm's request for reduced fine; other enforcement actions.

Education, Training & Workforce 63

Representatives from nuclear newcomer countries attend IAEA course on nuclear infrastructure development. Savannah River Remediation donates \$5,000 to Aiken Technical College's Radiation Protection Program. University students participate in DOE cybersecurity competition.

Industry 65

Westinghouse, Toshiba reorganizations proceed; other business developments. Ontario Power Generation, U.S. Navy extend pacts with BWX Technologies; other contracts. Crane Nuclear retracts one valve report, issues another; other 10 CFR Part 21 reports.

Standards 69

New standard approved; two standards published.

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