Nuclear News

YEARS
1959 2019

December 2019

Direct Answer

DEPARTMENTS

EDITORIAL	
ANS Technical Journals	66
At the ANS Nuclear Cafe	67
Backscatter	68
Calendar	63
Calls for Papers	65
Late News	9
Nuclear Notes	4
People	58
Proceedings Available	66
Recently Published	66
ADVERTISING	



Coming up . . .

January—National Laboratories
February—Nuclear Applications
March—World Reference Issue/
Education and Training

Special Section: Robotics and Remote Systems Robotics R&D for legacy nuclear waste By Leonel E. Lagos and Dwayne E. McDaniel SRNL robotics and remote systems for nuclear applications U.K.-led initiatives in advanced robotics for decommissioning By Rustam Stolkin Status of nuclear robotics in South Korea By Jisup Yoon, Sungmoon Joo, and Young Soo Park 32

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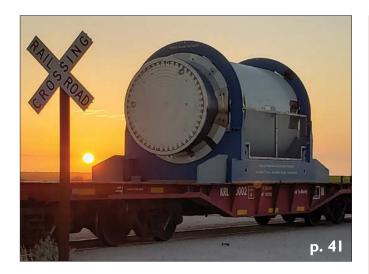


Power I

Senate bill on integrated energy systems would boost nuclear. Atlantic Council puts a value on civilian nuclear. Nuclear Regulatory Commission issues report on nuclear plant safety. Southern Nuclear executives say Vogtle-3 and -4 can hit in-service dates. Environmental impact statements issued for Turkey Point and Surry subsequent license renewals.

International 36

Unit 2 of Russia's Novovoronezh II plant begins commercial operation ahead of schedule. International Atomic Energy Agency selects new director general. World Association of Nuclear Operators elects new president at 15th biennial meeting. Fuel loading under way at Canada's Darlington-2. Report shows 76,000 jobs in Canadian nuclear sector. World Nuclear Association reports that nuclear generation in Asia rose by 12 percent in 2018.



Waste Management

40

Idaho and Department of Energy reach agreement on research reactor fuel. Orano delivers its first MP197HB spent fuel cask. U.K. regulators release report on geological disposal of high-level radioactive waste. United Kingdom explores use of satellite data in nuclear site cleanup. New Mexico pushes for cleanup of uranium mining contamination. Fifteen major DOE Office of Environmental Management contracts set to expire in 2020. Researchers develop microrobots capable of removing uranium from wastewater. Nuclear Regulatory Commission approves use of Three Mile Island-1 decommissioning funds for spent fuel management.

Fuel 46

Department of Energy resumes leasing public lands in Colorado. Global Nuclear Fuel and X-energy team up to produce HALEU fuel. Centrus and DOE finalize contract to demonstrate HALEU production at American Centrifuge Plant. Nuclear Regulatory Commission issues environmental assessment and finding of no significant impact for Metropolis Works license renewal. NRC issues second draft environmental assessment for Columbia Fuel Fabrication Facility license renewal.

Isotopes & Radiation

5(

Canada's TRIUMF to play key role in actinium-225 and germanium-68 production. Nuclear Regulatory Commission imposes civil penalties on three firms.

Research

52

Department of Energy laboratories garner R&D 100 Awards from *R&D World* magazine.

Industry

54

Framatome opens SPEC 200 facility in Lynchburg, Va.; other business developments. Rolls-Royce inks deal with Brazilian laboratory; other contracts.

Standards

56

New standard published; other standards actions.

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