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Coming up . . .

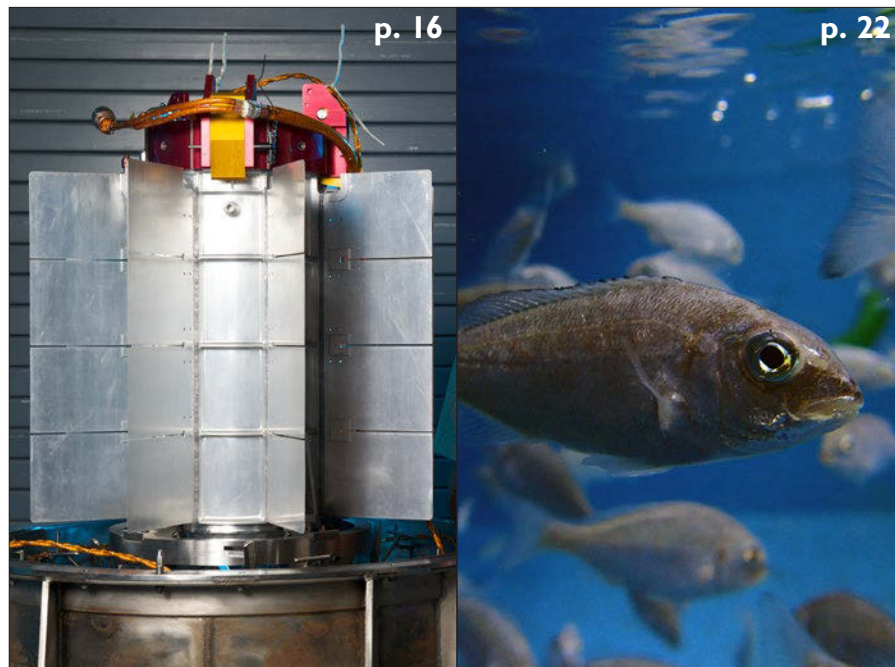
March—World Reference Issue/
Education and Training

April—Advanced Manufacturing/Fuel

May—Containers/Capacity Factors

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Nuclear technology enables space power systems 16

BY CORY HATCH

Tracking the impact of plastics pollution on marine life 20

BY JENNET ORAYEVA

Getting past the gridlock: Nuclear applications in energy systems 26

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Power 12

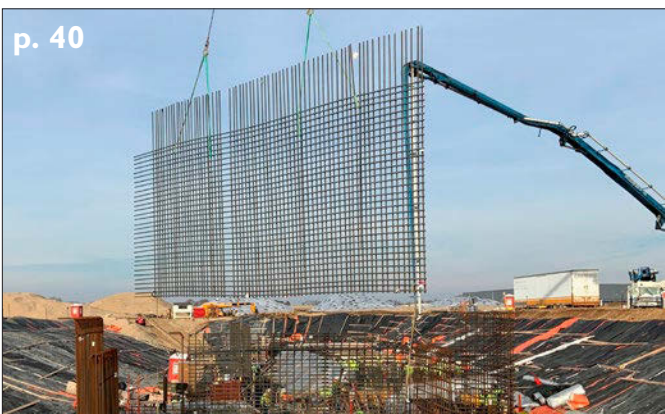
Senate Committee on Environment and Public Works updated on implementation of Nuclear Energy Innovation and Modernization Act. Global Nuclear Fuel lead test assemblies loaded at Clinton plant. Ohio's nuclear "bailout" secured as opponents drop appeal. Blocked service water outlet at Cooper nuclear power plant prompts Nuclear Regulatory Commission inspection.

International 30

Germany's Philippsburg-2 enters decommissioning. Study finds that Germany's nuclear phaseout comes at a high cost. Unit 4 of Russia's Novovoronezh I nuclear power plant receives second life extension. India joins the International Atomic Energy Agency's Response and Assistance Network. NuScale Power submits small modular reactor design to the Canadian Nuclear Safety Commission for vendor design review.

Waste Management 34

Waste Isolation Pilot Plant receives largest transuranic waste shipment in six years. Holtec pegs cost of decommissioning three-unit Indian Point plant at \$2.3 billion.



Fuel 36

U.S.-Canada action plan on critical minerals cooperation includes uranium. Nuclear Regulatory Commission provides update on accident tolerant fuel licensing process. BWXT producing uranium solution for TRISO fuel manufacture. Urenco applies to NRC to increase uranium enrichment to 5.5 percent.

Isotopes & Radiation 40

Nuclear Regulatory Commission docket SHINE's license application for medical isotope production facility. Department of Energy delays ban on export of U.S. high-enriched uranium.

Research 42

Brookhaven National Laboratory to host Electron Ion Collider. General Fusion receives private equity financing for fusion demonstration plant.

Industry 44

Curtiss-Wright acquires 901D Holdings. Canadian Nuclear Laboratories awarded subcontract for decommissioning of Germany's closed Lingen nuclear power plant; other pacts.

Standards 45

New, revised, reaffirmed ANS standards approved.

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Nuclear News (ISSN: 0029-5574), Volume 63, Number 2. Published monthly (except during the month of April when issued twice monthly) by the American Nuclear Society, Incorporated, with business, executive, and editorial offices at 555 N. Kensington Ave., La Grange Park, Illinois 60526; telephone 708/352-6611. Subscription rate for 2020 is \$670, which includes complimentary electronic access, 1959 to current issue; for subscriptions outside North America, add \$75 for shipping and handling. Alternatively, subscription rate is \$590 for Electronic Access Only, 1959 to current issue. Single copy price (regular monthly issues) is \$52; add \$12 for postage and handling if being shipped to address outside North America. Single copy price for annual mid-April Buyers Guide is \$125; add \$15 for postage and handling if being shipped to address outside North America. Individual ANS members receive *Nuclear News* as part of membership. Replacement copies may be obtained at the single copy price, as long as copies are available. Inquiries about the distribution and delivery of *Nuclear News* and requests for changes of address should be directed to the American Nuclear Society. Allow six weeks for a change to become effective. POSTMASTER: Send change of address orders to *Nuclear News*, American Nuclear Society, 555 N. Kensington Ave., La Grange Park, Illinois 60526, or nucnews@ans.org.

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