# Nuclear News



EDITORIAL

#### **DEPARTMENTS**

EDITORIAL			
ANS Technical Journals At the ANS Nuclear Cafe Backscatter Calendar Late News Letters Nuclear Notes	91 91 92 85 9 6 4		
		People	80
		Proceedings Available	90
		Recently Published	90
		ADVERTISING	
		Direct Answer	78
		Index to Advertisers	77
Employment Ads Begin	82		



### **Twenty-Fifth Annual Vendor/Contractor Profile Special Section** 29

# Coming up . . .

September—Special Section on Fuel October—Special Section on Outage Management and Plant Maintenance

## **Feature Articles**

An aging management program for neutron absorber materials in SFPs BY HATICE AKKURT Southern Nuclear's "second" simulator project

# **Members: View Nuclear News online!**

At <www.ans.org>, click on Member Center at the upper right of your screen. Log in with your email address and password (if you haven't already, you can create a password at <account.ans. org>). Click on the Nuclear News link under Stay Informed.

# **Quoting at Random**

Bragg-Sitton: Fastest path to zero

# **Special Report:** 2019 ANS Annual Meeting

Nuclear and a carbon-free future

Cover icons designed by Freepik



**Power** 16

FirstEnergy awaits Ohio Senate vote on "clean air" bill. Second of three containment vessel rings placed for Vogtle-4. Rita Baranwal sworn in as Department of Energy's assistant secretary for nuclear energy. Senators push for development of generic environmental impact statement for advanced reactors. Tennessee Valley Authority's Integrated Resource Plan sees 80 years of operation for Browns Ferry. Degraded paint at Fermi-2 prompts special inspection by Nuclear Regulatory Commission.

20

26

12

66





## **International**

61

Russia's floating nuclear power plant obtains operating license. Poland signs MOU with United States to develop nuclear program. Hinkley Point C project hits major milestone with completion of base for first unit.

# Waste Management

6.

DOE considers actions to curtail spread of contamination at Hanford Site's PUREX Complex. Pilgrim plant enters first phase of decommissioning. NRC issues license exemptions to Oyster Creek ahead of decommissioning. NRC to hold public meetings on community engagement in decontamination and decommissioning of nuclear power plants.

## **Fuel**

74

Trump rejects quotas on uranium imports, establishes working group on nuclear fuel supply chain. Paladin to sell African uranium mine; other news.

## **Standards**

76

Comments requested; new standards project initiated.

#### **Editorial Staff**

**Publisher** Rick Michal

Editor-in-Chief Michael McQueen
Senior Editors Susan Gallier, Phyllis Ruzicka
Associate Editors Tim Gregoire, Paul LaTour
Production/Design Editor Chris Salvato
Contributing Columnist E. Michael Blake

## **Advertising & Circulation Staff**

**Advertising Director Jeff Mosses** 

Advertising/Production Assistant Manager
Erica McGowan

**Advertising Sales Assistant Jessica Vazquez** 

## **Editorial Advisory Committee**

Jess C. Gehin and John G. Gilligan

#### **ANS Officers**

President Marilyn C. Kray

Vice President/President-Elect Mary Lou Dunzik-Gougar

Treasurer W. A. "Art" Wharton III

Chairman, ANS Publications Steering Committee
Donald G. Lorentz

#### **Administrative**

**Executive Director** Robert C. Fine

### **ANS** Headquarters

**General Information** 

708/352-6611 • Fax 708/352-0499 • www.ans.org

**Nuclear News Advertising** 

708/579-8226 • 800/NUC-NEWS • Fax 708/352-6464 www.ans.org/advertising • advertising@ans.org

**Nuclear News Editorial** 

708/579-8244 • Fax 708/579-8204 nucnews@ans.org • www.ans.org/nn

Nuclear News (ISSN: 0029-5574), Volume 62, Number 9. 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 2019 is \$640, which includes complimentary electronic access, 2008 to current issue; for subscriptions outside North America, add \$70 for shipping and handling. Alternatively, subscription rate is \$560 for Electronic Access Only, 2008 to current issue. Single copy price (regular monthly issues) is \$50; add \$12 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>.

 $Nuclear\ News$  is printed in New Richmond, Wis. 54017, by St. Croix Press, Inc. Nonprofit periodicals postage paid at La Grange, Illinois, and at additional mailing offices. Copyright © 2019 by the American Nuclear Society, Inc. Trademark registered in USA and Canada.

Opinions expressed in this publication by the authors are their own and do not necessarily reflect the opinions of the editors, the American Nuclear Society, or the organizations with which the authors are affiliated, nor should publication of author viewpoints or identification of materials or products be construed as endorsement by this publication or by the Society.

 $Texts of most {\it Nuclear News} \ articles \ are \ available \ on \ the \ LexisNexis \ database, from \ Mead \ Data \ Corporation.$ 

