





# **Feature Articles**

- A review of workforce trends in the nuclear community: A Nuclear News interview with Kostas Dovas and Darren Stiles
- $26 \ \, {\text{The need for sustainable nuclear/alpha}} \, \\ \text{skills in the UK: A Sellafield perspective}$
- $34 \ \ {\rm The\ enduring\ legacy\ of\ ACRS:\ Reviewing} \\ {\rm safety-licensing\ to\ protect\ the\ public}$









# **Insight & Opinion**

- 4 Nuclear Notes Preparing for advanced reactors
- 6 Readers Write The new nuclear renaissance: Decarbonizing powered by uranium
- 8 Letters
- 10 Atoms All work and no play? No way.

# 12 Leaders The NSSC and the workforce

- 100 Opinion The crippling fear of low-level radiation
- 112 Nuclear News Asks What skills are most needed in the advanced reactor workforce?

## Headlines

- 14 Nuclear Trending
- 58 Power & Operations
- 66 Research & Applications
- **72 Waste Management**
- 76 Education
- 84 History
- 88 ANS News

# **Community Updates**

- 44 Meetings: 2022 ANS Winter Meeting
- 94 Industry
- 99 Standards
- 103 Direct Answer
- 104 People
- 108 Calendar
- 110 Recently Published
- 111 ANS Journals

#### **Editorial**

**Director of Publications** John Fabian Publisher/Editor-in-Chief Rick Michal

#### **Staff Writers**

Susan Gallier, Tim Gregoire, Michael McQueen

Contributor A. J. Smuskiewicz

Copy Editors David Strutz, Mary Tong Graphic Design Specialist Chris Salvato

Contributing Designers Jay Bogardus, Lisa Dagley

## Advertising & Circulation

**Director of Sales** Jeff Mosses

Advertising Production Specialist Erica McGowan

## **Editorial Advisory Committee**

Jess C. Gehin, John G. Gilligan, Lawrence E. (Larry) Boing, Dale Vines

#### **ANS Officers**

President Steven Arndt

Vice President/President-Elect Kenneth Petersen

Treasurer W. A. "Art" Wharton III

Chairman, ANS Publications Steering Committee Xiaodona Sun

#### Administrative

**Executive Director/Chief Executive Officer** Craig Piercy

## **ANS Headquarters**

General Information

askanything@ans.org 708/352-6611 | Fax 708/579-8314 | ans.org

# **Nuclear News Advertising**

708/579-8225 | 708/579-8226 ans.org/advertise | advertising@ans.org

#### **Nuclear News Editorial**

708/579-8216 | nucnews@ans.org | ans.org/nn

Nuclear News (ISSN: 0029-5574), Volume 66, 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 2023 is \$725, which includes complimentary electronic access, 1959 to current issue; for subscriptions outside North America, add \$80 for shipping and handling. Alternatively, subscription rate is \$635 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.

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 © 2023 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 Nuclear News articles are available on the LexisNexis database, from Mead Data Corporation.

