



56



Feature Article

52 Mike Kramer: Navigating power deals
in the new data economy
Interview by Susan Gallier

60



68



74



81



Insight & Opinion

4 **Nuclear Notes** | Data centers and nuclear power

6 **Atoms** | Data demand

8 **Leaders** | From renaissance to reality: Infrastructure for a global nuclear fuel cycle
by Dale Klein

120 **NN Asks** | Pavel Tsvetkov: How can university faculty help the nuclear industry meet GenAI-era energy demands?

Headlines

- 12 **Nuclear Trending**
- 60 **Power & Operations**
- 68 **Research & Applications**
- 74 **Waste Management**
- 80 **Fuel Cycle**
- 86 **Education**
- 92 **ANS News**

Community Updates

- 104 **Industry**
- 110 **Standards**
- 113 **Index to Advertisers**
- 114 **People**
- 116 **Calendar**
- 118 **Recently Published**
- 119 **ANS Journals**

Editorial

Director of Publications John Fabian
Publisher/Editor-in-Chief Rick Michal
Staff Writers Susan Gallier, Tim Gregoire, Rebecca Kern
Contributors Michael McQueen, A. J. Smuskiewicz
Copy Editors David Strutz, Mary Tong
Editorial Specialist Lucas Geiger
Graphic Design Specialist Chris Salvato
Contributing Designers Jay Bogardus, Lisa Dagley

Advertising & Circulation

Director of Advertising and Sponsorships 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 Hash Hashemian
Vice President/President-Elect Mark Peters
Treasurer Julie Ezold
Chairman, ANS Publications Steering Committee
Kevin Robb

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/advertising/ | advertising@ans.org

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

Nuclear News (ISSN: 0029-5574), Volume 68, Number 12. 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 1111 Pasquinelli Drive, Suite 350, Westmont, Illinois 60559; telephone 708/352-6611. Subscription rate for 2025 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, 1111 Pasquinelli Drive, Suite 350, Westmont, Illinois 60559.

Nuclear News is printed in New Richmond, Wis. 54017, by St. Croix Press, Inc. Nonprofit periodicals postage paid at Westmont, Illinois, and at additional mailing offices. Copyright © 2025 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.