Editorial Staff

EDITOR & PUBLISHER
Gregg M. Taylor

MANAGING EDITOR Elizabeth S. Tompkins

INTERNATIONAL EDITOR
Dick Kovan

SENIOR ASSOCIATE EDITOR
Richard A. Michal

ASSOCIATE EDITOR
Patrick Sinco

PRODUCTION EDITOR & ASSISTANT EDITOR Deborah S. Nall

Chris Salvato

EDITORIAL ASSISTANT
Nancy Slove

CONTRIBUTING COLUMNIST
Bill Minkler

Advertising Staff

SALES MANAGER
Jeffery R. Mosses

ADVERTISING/PRODUCTION ASSISTANT
Patricia Fairchild

CIRCULATION ASSISTANT
Bess Weglarz

Editorial Advisory Committee

Ramon Ashley, Sam K. Bhattacharyya, Roger Tilbrook, and Paul Turinsky

ANS Headquarters

GENERAL NUMBER
708/352-6611
Facsimile 708/352-0499
Web site <www.ans.org>

NUCLEAR NEWS ADVERTISING
708/579-8226, 800/NUC-NEWS
Facsimile 708/352-6464
Web site <www.ans.org/advertising>
e-mail <advertising@ans.org>

NUCLEAR NEWS EDITORIAL 708/579-8245 Facsimile 708/352-6464 e-mail < nucnews@ans.org>

INTERNATIONAL EDITOR
(DICK KOVAN)
011-44-1737-842687
e-mail <dkovan@compuserve.com>

Nuclear News

August 2003 Volume 46, Number 9

Ninth Annual
Vendor/
Contractor
Profile Issue

NINTH ANNUAL VENDOR/CONTRACTOR PROFILE SPECIAL SECTION

69

FEATURE ARTICLE

Grantom: On risk informed asset management at STP

INTERVIEW BY RICK MICHAL 26

PERSPECTIVE 33

Responding to energy forecasts of less diversity of future power plant sources

BY RAMON L. ASHLEY

SPECIAL REPORT: ANS 2003 ANNUAL MEETING 35

ANS Annual Meeting: Nuclear has a lot going for it	35
Embedded Topical: Decommissioning and spent fuel	54
Embedded Topical: Risk management—now more than ever	57
Embedded Topical: Applications of accelerator technology	59

POWER 20

S&P report: Is it time for start of new nuclear construction? NRC proposes fine for inaccurate information from Dresden. Status of license renewal applications in the United States. Increase of \$47 million in NRC fees to be collected in FY 2003. Emergency planning flaw at Callaway deemed "white" by NRC. All-staff meeting: Clear communications a key for NRC regulation. Hydrogen generation, NE licensure supported in ANS position statements. NRC generic letter looks in on control room habitability.

OPERATIONS 26

The Nuclear News Interview—Grantom: On risk informed asset management at STP.

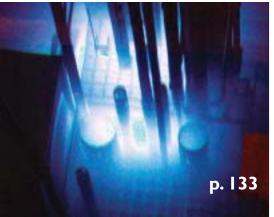
SECURITY 32

LLNL introduces portable radiation detector. NRC names new deputy executive director for Homeland Protection and Preparedness.

INTERNATIONAL 6

Draft bill to create U.K. decom agency published. British Energy writes down value of nuclear assets. U.K. materials performance research center launched. U.K. signs security and energy agreements with Russia. Technetium discharges to be cut at Sellafield. IAEA team reports on Hungary's Paks-2 incident. South Africa gives PBMR project environmental go-ahead. Ireland's case against Sellafield rejected at U.N. tribunal. Ukrainian president pushes for completion of K2/R4. OECD/NEA: New indicators measure regulator effectiveness. Canadian Nuclear Safety Commission renews batch of nuclear facility licenses. IAEA finds that DU from munitions no threat in Kuwait.







WASTE MANAGEMENT

67

Firm completes first full-scale test melt at Hanford Site. WSRC to speed up work; other contract news. American Ecology appeals state court decision on Ward Valley.

INDUSTRY 128

Framatome, Areva, others signed for contract work. PCI teams with Uddcomb; other business developments.

SPACE APPLICATIONS

129

NASA awards \$6-million design study contract for Jupiter Icy Moons Orbiter. Two Mars Exploration Rovers begin journey of adventure.

RESEARCH 132

The road ends for the University of Michigan's Ford reactor. Committee hearing: Funds needed for nuclear's manpower issue. New atomic museum planned for Albuquerque, N.M. UW–Madison grad student develops computer model of Kewaunee's component cooling water system. Purdue nuclear engineers create analysis tool.

FUEL 143

USEC, Exelon agree on long-term SWU deal. McArthur River mine resumes uranium production.

STANDARDS 144

Standards published, approved; other actions.

EDUCATION 145

Distance education: Ohio State to start class offerings in fall 2003.

DEPARTMENTS

ANS Membership Application	139	146	People
Backscatter	152	14	Quoting at Random
Calendar	6	10	Recently Published
Calls for Papers	10	12	Retrospective
Equipment & Services	150		•
Index to Advertisers	137	4	Setpoint
Late News in Brief	17	10	Short Courses and Seminars
Literature from Suppliers	151	150	Software/Databases Available

ANS Officers

PRESIDENT Larry R. Foulke

VICE PRESIDENT/PRESIDENT-ELECT
James Tulenko

TREASURER
William Naughton

CHAIRMAN, ANS PUBLICATIONS
STEERING COMMITTEE
Steven A. Arndt

Administrative

EXECUTIVE DIRECTOR
Harry Bradley

Coming up ...

October—Special Section on Nuclear Power Plant Maintenance

December—Special Section on Industrial Applications of Nuclear Technology



Nuclear News (ISSN: 0029-5574), Volume 46, Number 9. Published monthly (except during the month of April when issued twice monthly) by the American Nuclear Society, Incorporated, with business, executive, and edito-

rial offices at 555 N. Kensington Ave., La Grange Park, Illinois 60526; telephone 708/352-6611. Subscription rate is \$325 for 2003; overseas subscribers add \$53 per year for postage and handling. ABC applied for. Single copy price is \$27; \$10 additional for overseas postage and handling (except for the Buyers Guide issue, which is \$100; \$10 additional for overseas postage and handling). Individual ANS members receive NN 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 <nucleon content of the subscription of subscription of the subscription of subscription of the subscription of the subscription of the subsc

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 © 2003 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 NEXIS database, from Mead Data Corporation.