Editorial Staff

Jon Payne

EDITOR-IN-CHIEF Gregg M. Taylor

INTERNATIONAL EDITOR
Simon Rippon

SENIOR EDITOR

Elizabeth S. Tompkins

SENIOR ASSOCIATE EDITOR Richard A. Michal

ASSOCIATE EDITOR

Patrick Sinco

ASSISTANT EDITOR
Susan E. Bailey

PRODUCTION EDITOR Susan E. Bailey

Chris Salvato

EDITORIAL ASSISTANT
Nancy Slove

CONTRIBUTING COLUMNIST
Bill Minkler

Business

ADVERTISING SALES MANAGER
Jeffery R. Mosses

ADVERTISING ASSISTANT Patricia Fairchild

CIRCULATION/READER SERVICE
COORDINATOR
Bess Weglarz

PROCUREMENT SUPERVISOR
Wayne Witek

Editorial Advisory Committee

Ramon Ashley, Sam K. Bhattacharyya, Annick Carnino, Doug Stickney, Roger Tilbrook, and Paul Turinsky

ANS Headquarters

GENERAL NUMBER
708/352-6611
Facsimile 708/352-0499
Web site http://www.ans.org

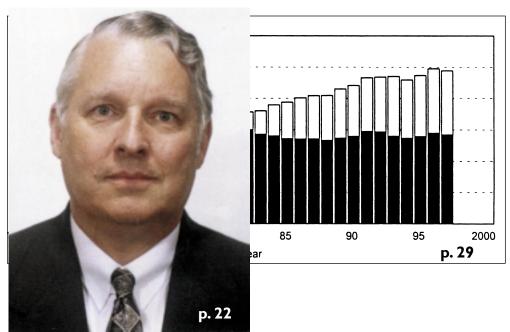
NUCLEAR NEWS ADVERTISING 708/579-8226 Facsimile 708/352-6464

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

INTERNATIONAL EDITOR (SIMON RIPPON) 011-44-181-789-2159 e-mail <70734.166@compuserve.com>

Nuclear News

September 1999 Volume 42, Number 10



FEATURE ARTICLES

NEI's Davis: On track for Y2K INTERVIEW BY RICK MICHAL 22

The American Nuclear Society's role in global climate mitigation

BY ANDREW C. KADAK 29

POWER 13

Greta Dicus: In the interim. NERC: Electric utility industry is Y2K ready. Uprates for ComEd's Byron, Braidwood; other news. Revised reactor information now on NRC's Web site. Maintenance Rule actions "required" under Rev. 3. New program to measure antiterrorist/security status at nuclear power plants. Moody's: Selling/buying nuclear units could affect credit rating.

OPERATIONS 22

The Nuclear News interview—NEI's Davis: On track for Y2K. NRC's Dicus on Y2K.

INTERNATIONAL

32

IAEA Y2K workshop looks at measures taken, to be taken. Update on inventory of sea disposal of radwaste. AEA Technology, BNFL form nuclear services firm in U.K. Bulgaria's Kozloduy-5 and -6 to begin program of updates in 2000. International Comment: But it's not an accident . . . France's Framatome undergoes capital reorganization. Closure of Chernobyl, in Ukraine, depends on EBRD funding. Lithuania's Ignalina-1 back in service under new operating license. MOX fuel transport ships set off for Japan, despite obstacles. New Japanese reactor designed for MOX use. Newly launched Web site provides MOX fuel facts. In-line coolant system gas generator for Swiss plant is "first of a kind." French, German companies sign agreement calling for further development of EPR. Meltdown test completed at Russia's Kurchatov Institute.

WASTE MANAGEMENT

42

DUF₆ management: DOE releases final plan for conversion project. German plants make interim storage plans for spent fuel, rile antinukes. Pit 9 work stalled; team reviews drilling safety. NRC's review of DOE's Yucca Mountain viability assessment done. NRC proposes amendments to cask design requirements. GTS gets decom contracts; other contracts; agreement; DOE contracts.

ISOTOPES & RADIATION

47

GAO to examine low-level radiation policies. NCRP issues new guidance on the application of ALARA. New isotope dating technique permits analysis of older rocks. NRC proposes new rules for general licensees.

62,955

58,000 54,200

87,000

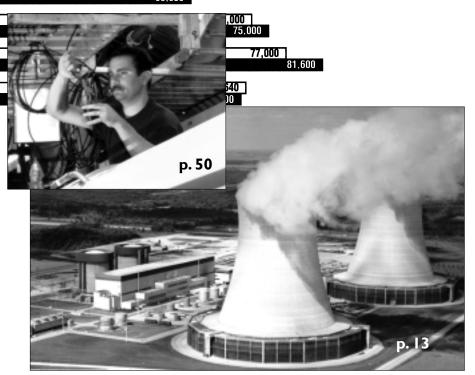
97.000

69,800

70,000

p. 58

67,000



RESEARCH

New fusion task force review urges increased funding. NRC task force supports oversight of DOE sites.

EDUCATION

53

Purdue: Opportunities abound for nuclear engineering graduates. \$4.5 million in DOE grants go to nuclear programs.

INDUSTRY

58

Survey: Nuclear remains second in salary rankings. License renewal services firm created; other business developments. Contract for simulator services; other deals.

FUEL

NRC proposes amendments to fuel processing licenses. USEC opts to suspend development of AVLIS uranium enrichment technology.

DEPARTMENTS

Advertising Index/FAXLink 57 68 Literature from Suppliers

ANS Membership Application 69 63 People

> Backscatter 72 56a Reader Service Cards

5 Calendar 10 Recently Published

Calls for Papers 4 Setpoint

Equipment & Services 9 Short Courses and Seminars 17 Late News in Brief

> Letters Software/Data Bases Available

ANS Officers

PRESIDENT Andrew C. Kadak

VICE PRESIDENT/PRESIDENT-ELECT James A. Lake

> TREASURER Denis E. O'Brien

CHAIRMAN, ANS PUBLICATIONS STEERING COMMITTEE Robert W. Hess

Administrative

EXECUTIVE DIRECTOR Harry Bradley

Coming up ...

October—Special Section on Nuclear Power Plant Maintenance

December—Special Section on Computer Applications



Nuclear News (ISSN: 0029-5574) is published monthly (except during the month of March 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 is \$230 for 1999; overseas subscribers add \$51 per year for postage and handling. Single copy price is \$19; \$8 additional for overseas postage and handling (except for the Buyers Guide issue, which is \$78; \$10 additional for over-

seas postage and handling). Individual ANS members receive NN as part of membership (up to \$44 of dues allocated to NN). 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 © 1999 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 data base, from Mead Data Corporation.