Editorial Staff

PUBLISHER Jon Payne

EDITOR-IN-CHIEF Gregg M. Taylor INTERNATIONAL EDITOR Dick Kovan

SENIOR EDITOR Elizabeth S. Tompkins

SENIOR ASSOCIATE EDITOR Richard A. Michal

> ASSOCIATE EDITOR Patrick Sinco

PRODUCTION EDITOR Deborah S. Nall

DESKTOP EDITOR 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, Annick Carnino, Doug Stickney, 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 <100444.3711@compuserve.com>

Nuclear News Volume 44. Number 8

July 2001



FEATURE ARTICLES

Keuter: On Entergy Nuclear's acquisitions and growth Marcus: Continuing the legacy Rocket man: Nuclear is the way to Mars Transforming the organization: One nuclear power plant's journey

Taking an individual approach to radiation protection

- INTERVIEW BY RICK MICHAL 24 PROFILE BY PATRICK SINCO 30 INTERVIEW BY PATRICK SINCO 38
 - BY GAYLE ASHBRIDGE **45** BY DICK KOVAN 48

LIST OF SELECTED OUTAGES **AT U.S. NUCLEAR POWER PLANTS**

BOOK REVIEW

Waste is a Terrible Thing to Mind: Risk, Radiation, and Distrust of Government, by John Weingart

REVIEW BY RICHARD PATON

POWER

TIP Awards: Safety, efficiency improvements recognized. Field Poll: Californians now want nuclear power. Industry looks for 50 000 new MWe in future. New Senate leader Daschle on nuclear expansion: "Impossible." Dominion Generation to add 20 years to North Anna, Surry operating licenses. Davis-Besse, Beaver Valley look for 20 more years of operation. NRC plant assessments on Web; other matters. Candidates sought to fill ACRS vacancy.

OPERATIONS

A Nuclear News Interview—Keuter: On Entergy Nuclear's acquisitions and growth.

WASTE MANAGEMENT

24

28

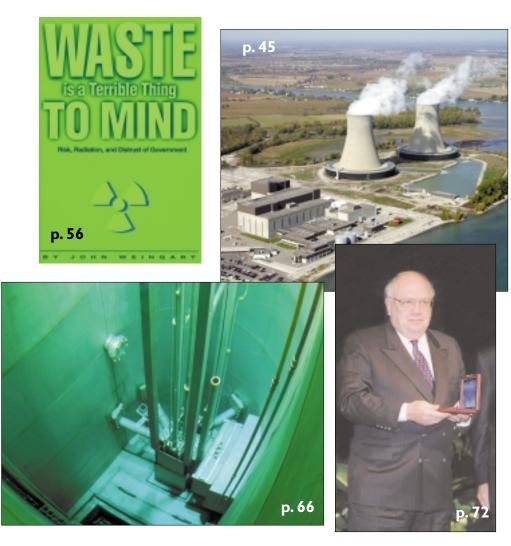
56

18

EPA releases "final" radiation protection limits for Yucca Mountain. NAS report: Challenges of waste disposal are societal, not scientific. GAO: DOE should reevaluate LLW options, says report. BNFL Inc. suspends radioactive metal processing for recycling. Alliance, expanded scope, site move; contract news.

ISOTOPES & RADIATION

Study: Radiation lowers rate of organ transplant rejection.



FUEL

55

58

64

USEC officially ends fuel enrichment at Portsmouth. Utilities claim USEC's monopoly hurts ratepayers.

INTERNATIONAL

IAEA: Interest in small reactors led by Korea, South Africa. Illicit movements of radioactive material to be rated by severity. IEA report: Future of nuclear among OECD countries. Spent fuel shipments from Switzerland to Sellafield restart. U.K. ministers face court action on Sellafield MOX Plant decision. AEA Technology abandons nuclear power. Outage at Temelin, in Czech Republic, extended up front to save fuel. CEZ seeking experienced partner for privatization. Japan's Tepco puts MOX plans on hold following plebiscite.

INDUSTRY

Camozzi Group buys Ansaldo CSM; Grand Eagle moves headquarters. LANL signs two for nuclear support services; other contract news.

RESEARCH

DOE awards this year's NERI, NEER project funds. Chemistry of element 108 studied for first time at LBNL. U.S., Europe agree to joint fusion research.

DEPARTMENTS

ANS Membership Application Backscatter Calendar Calls for Papers Equipment & Services Index to Advertisers Late News in Brief Literature from Suppliers	75 80 6 8 74 69 13 78	72 9 10 9 16 4 8	People Proceedings Available Quoting at Random Recently Published Retrospective Setpoint Short Courses and Seminars	
--	--	------------------------------------	---	--

ANS Officers

PRESIDENT Gail H. Marcus vice president/president-elect Harold Ray treasurer Kyle Turner

CHAIRMAN, ANS PUBLICATIONS STEERING COMMITTEE Robert W. Hess

Administrative

EXECUTIVE DIRECTOR Harry Bradley

Coming up ...

August—7th Annual Vendor/Contractor Profile Issue



Nuclear News (ISSN: 0029-5574), Volume 44, Number 8. 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 \$245 for 2001; overseas subscribers

add \$51 per year for postage and handling. Single copy price is \$21; \$8 additional for overseas postage and handling (except for the Buyers Guide issue, which is \$80; \$10 additional for overseas postage and handling). Individual ANS members receive *NN* as part of membership (up to \$48 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. POSTMAS-TER: 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 © 2001 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

Texts of most *Nuclear News* articles are available on the NEXIS data base, from Mead Data Corporation.