

Editorial Staff

EDITOR & PUBLISHER
Betsy Tompkins

INTERNATIONAL EDITOR
Dick Kovan

SENIOR EDITOR
Rick Michal

SENIOR ASSOCIATE EDITOR
E. Michael Blake

ASSOCIATE EDITOR
Phyllis Ruzicka

PRODUCTION EDITOR
Patricia A. Matas

DESKTOP EDITOR
Chris Salvato

EDITORIAL ASSISTANTS
Andrea Bianchi
Susan Gallier

CONTRIBUTING COLUMNISTS
Linda C. Byus
Bill Minkler

Advertising & Circulation Staff

SALES MANAGER
Jeff Mosses

ADVERTISING/PRODUCTION
ASSISTANT MANAGER
Erica McGowan

CIRCULATION ASSISTANT
Bess Weglarz

Editorial Advisory Committee

Sam K. Bhattacharyya,
Roger S. Reynolds, Roger W. Tilbrook,
and Paul Turinsky

ANS Headquarters

GENERAL NUMBER
708/352-6611

Fax 708/352-0499

Web site <www.ans.org>

NUCLEAR NEWS ADVERTISING
708/579-8226, 800/NUC-NEWS
Fax 708/352-6464

Web site <www.ans.org/advertising>
e-mail <advertising@ans.org>

NUCLEAR NEWS EDITORIAL
708/579-8245

Fax 708/352-6464

e-mail <nucnews@ans.org>

INTERNATIONAL EDITOR
(DICK KOVAN)

+44 1737 842687

e-mail <dkovan@compuserve.com>

Nuclear News

October 2010

Volume 53, Number 11



p. 41

Dresden (NU) Manager							
IMD Effectiveness							
Year to Date				Monthly			
Overall	Single Task	Complex Task	On Activity	Overall	Single Task	Complex Task	On Activity
88.0%	3	2.0	3.0	77.8%	3	1	3

Dresden Maintenance Needs							
Use of Minor Maintenance							
Year to Date				Monthly			
Overall	Minor Maintenance Completed	Minor Maintenance Backlog	Overall	Minor Maintenance Completed	Minor Maintenance Backlog	Overall	Minor Maintenance Completed
83.1%	3.7	4.5	67.8%	1	4.75		

p. 52

SPECIAL SECTION: NUCLEAR POWER PLANT MAINTENANCE

39

Joe Tocco on Dresden's CRD guide tube flushing tool

INTERVIEW BY RICK MICHAL 41

Utility Working Conference: Maintenance productivity

48

Utility Working Conference: Preventive maintenance/backlog management

58

EPRI's Standardized Task Evaluation program: Streamlining maintenance
worker qualification

BY BETSY TOMPKINS 67

POWER

20

Hot weather increases electricity demand, reduces margin for thermal effluent. NRC staff states its preference for resolution of sump strainer clogging issue. ACRS says digital I&C a challenge for new reactors. Draft supplemental EIS issued for Vogtle-3 and -4; ASLB re-gathered to consider new contention. Renaissance Watch: An update on developments that may lead to new power reactor orders and construction. St. Lucie-1 power uprate application withdrawn. New, revised contentions submitted on Vermont Yankee license renewal. ASLB decision upheld by commissioners; Summer-2 and -3 contested licensing hearing ends. NRC upholds Abramson's decision against his recusal in Pilgrim renewal. Davis-Besse application submitted; other license renewal actions. ASLB denies challenge in North Anna-3 proceeding; other licensing actions. Draft NUREG, two information notices published by NRC.

SECURITY

34

Radiation Source Protection and Security Task Force reports accomplishments, challenges. NNSA conducts summer courses on nuclear safeguards; other NNSA news.

INTERNATIONAL

73

German reactors given an extra 8 to 14 years of operational time. India's parliament enacts controversial nuclear liability law. Italy's Enel updated on Russian plans for reactors in Kaliningrad Province. Vietnam, Russia close to nuclear plant agreement. Armenia, Russia sign pact aimed at new reactors. IAEA reports on nuclear revival's momentum. IAEA conference on fast reactors and their fuel cycles. International Nuclear Information System marks 40th anniversary.

Standardized Task Evaluation Design Process



p. 67

ANS Officers

PRESIDENT

Joe F. Colvin

VICE PRESIDENT/PRESIDENT-ELECT

Eric P. Loewen

TREASURER

Lloyd A. Wright

CHAIRMAN, ANS PUBLICATIONS

STEERING COMMITTEE

Roger W. Tilbrook

Administrative

EXECUTIVE DIRECTOR

John M. Tuohy, Jr.

Coming up . . .

November—Special Section on
Nonproliferation

December—Special Section on Fuel

Members: View Nuclear News online!

At <www.ans.org>, click on Member Center at the upper right of your screen. Log in with your user name (member ID#) and password (last name, all lowercase, or your selected password). Click on the heading for the current issue of *Nuclear News*.



Audit Bureau of Circulations

Nuclear News (ISSN: 0029-5574), Volume 53, Number 11. 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 is \$440 for 2010; overseas subscribers add \$65 per year for postage and handling. Single copy price is \$42; \$12 additional for overseas postage and handling (except for the Buyers Guide issue, which is \$110; \$15 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 <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 © 2010 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.



p. 83

MEETINGS

82

Utility Working Conference: Areas of interest expand as attendance continues to grow.

WASTE MANAGEMENT

86

EPRI handbook reviews options for spent fuel storage. Areva's Hanson argues for recycling before Blue Ribbon Commission. High heat removes tritium from soil at Savannah River D-Area. Zion license transferred to EnergySolutions, decommissioning begun. Hanford U Canyon cleared for demolition.

INDUSTRY

98

MOU signed to study Hyperion reactor design for Savannah River; other business developments. Fluor-B&W joint venture chosen for Portsmouth site cleanup; other contracts.

FUEL

100

EIA reports on uranium sales and pricing. Urenco to help with license work for International Isotopes' New Mexico deconversion plant.

ISOTOPES & RADIATION

104

NRC revokes Mattingly Testing Services' license; other enforcement actions.

STANDARDS

105

Comments requested on two standards.

DEPARTMENTS

EDITORIAL

Backscatter	108
Calendar	6
Calls for Papers	13
Late News	17
Nuclear Notes	4
People	106
Proceedings Available	14

Publisher's Statement	104
Recently Published	14
Short Courses & Seminars	13

ADVERTISING

Direct Answer	94
Index to Advertisers	93
Employment Ads Begin	90