SPECIAL SECTION: HEALTH PHYSICS 25

Tom and Dixie O’Dou: The importance of management in radiation safety programs

INTERVIEW BY RICK MICHAL 26

Po-210 poisoning in London: Radiation protection agencies tested by a real threat

BY DICK KOVAN 29

The Information System on Occupational Exposure: 15 years of looking forward

BY BRIAN AHIER AND PASCAL DEBOODT 34

FEATURE ARTICLE

Don Hintz: Flying high, going nuclear

PROFILE BY RICK MICHAL 45

POWER 10

Progress defers plans for new reactors in North Carolina for two years. Westinghouse submits revision proposal for AP1000 design to NRC. N.J. environmental agency declines to endorse license renewal for Oyster Creek. NRC appoints ASLBs to review petitions on license renewal for Harris plant, uprates for Susquehanna. NRC proposes generic letter on gas intrusion at power reactors. Public opinion poll shows 83 percent oppose new reactors near home. Renaissance Watch: An update on developments that may lead to new power reactor orders and construction. NRC finalizes FY 2007 licensee fees, assesses power reactors $4 million each. NRC issues reports on fire safety, heavy load handling.

SECURITY 20

NRC concludes that Diablo Canyon’s ISFSI would provide adequate protection in the event of a terrorist attack. NRC proposes changes to security rules for Yucca Mountain repository. NNSA, Ukraine work together to thwart nuclear smuggling. Hanford team tops field in DOE security contest.

OPERATIONS 24

NRC Commissioner Jaczko says radiological emergency preparedness rules should be flexible, performance-based.

INTERNATIONAL 39

Consortium set up to build new nuclear plant in Finland. TVO proposes a fourth unit for Finland’s Olkiluoto site. Thailand plans to have first nuclear plant operating by 2020. U.K. government sells 28 percent of British Energy. BNFL sells reactor site management business. Ontario launches study of technology options for new reactors. IEA urges Germany to rethink nuclear phaseout. IEA lauds South Korea’s nuclear industry. Australia’s HIFAR is declared an engineering landmark. The Chapelcross cooling towers come down.
WASTE MANAGEMENT
Two DOE reports summarize public’s comments on Yucca Mountain repository. DOE, EPA, Idaho agree on INTEC cleanup method. Waste tanks emptied, grouting work continues at INL. Hanford Site reaches cleanup milestone.

INDUSTRY
Washington Group agrees to acquisition by URS; other business developments. AMEC signed for U.K. decommissioning work; other contracts.

FUEL
EIA statistics show uranium purchases, deliveries on rise. USEC starts construction on American Centrifuge plant. Cameco, Kazatomprom sign MoU for uranium conversion development.

ISOTOPES & RADIATION
ORNL’s HFIR is revamped, returned to service.

STANDARDS
Standards published, approved; other actions.

DEPARTMENTS

EDITORIAL
ANS Membership Application 59
Backscatter 72
Calendar 6
Employment 71
Late News in Brief 17
Letters 9
Nuclear Notes 4

People 69
Recently Published 8
Short Courses and Seminars 7

DIRECTING

ADVERTISING
Direct Answer 58
Index to Advertisers 57
Employment Ads Begin 65

ANS Officers
PRESIDENT
Donald C. Hintz
VICE PRESIDENT/PRESIDENT-ELECT
William E. Burchill
TREASURER
Eric P. Loewen
CHAIRMAN, ANS PUBLICATIONS STEERING COMMITTEE
Roger W. Tilbrook

Administrative
EXECUTIVE DIRECTOR
Harry A. Bradley

Coming up . . .
August—13th Annual Vendor/Contractor Profile Issue
September—Focus on Europe: ENC2007
October—Special Section on Nuclear Power Plant Maintenance

Audit Bureau of Circulations
Nuclear News (ISSN: 0029-5574), Volume 50, Number 8. 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 $375 for 2007; overseas subscribers add $57 per year for postage and handling. Single copy price is $35; $10 additional for overseas postage and handling (except for the Buyers Guide issue, which is $110; $12 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 © 2007 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.