FEATURE ARTICLES
Insights from the Fukushima Daiichi accident:
The NRC’s Near-Term Task Force report
BY E. MICHAEL BLAKE 27
Cliff Hamal: The coming costs of spent fuel storage
INTERVIEW BY RICK MICHAL 47

SPECIAL REPORT: 2011 ANS ANNUAL MEETING 50
Seizing the opportunity: Nuclear’s bright future

POWER
AP1000 design certification, first license near finish. Westinghouse, Holtec introduce new
SMR designs to NRC. Focus on Finance. NRC staff memo addresses SMR staffing issues.
Summer heat leads to power level reductions. Commercial start of Watts Bar-2 officially delayed until 2013.
Maximizing the Assets: A status report on license renewal and power uprates. NRC extends time to apply for NFPA 805 amendments. NRC staff’s preferred option: more Level 3 PRA research. NRC issues documents on aging management, gas voids. Seismic studies scheduled for Diablo Canyon license renewal; draft environmental impact statement issued for Seabrook renewal. (Also see Call for Papers, pp. 75–78, for the 2012 ANS Annual Meeting, June 24–28, in Chicago, Ill.)

SECURITY

INTERNATIONAL
First applications submitted for new reactor construction in United Kingdom. U.K. energy market reforms aim to attract nuclear investment. Sellafield MOX fuel plant to close as demand dips. Japan’s prime minister calls for nuclear phaseout. Tsunami countermeasures planned for Japan’s Hamaoka nuclear station. Mitsubishi Heavy Industries establishes Advanced Plant Safety Department. India signs cooperation agreement with South Korea. Retubing project completed at South Korea’s Wolsong-1. IAEA team conducts peer review of South Korea’s regulatory framework. Main turbine hall at U.K.’s Bradwell Magnox station being demolished. Primary coolant system to be revamped at Switzerland’s Leibstadt plant.
WASTE MANAGEMENT

Blue Ribbon Commission on America’s Nuclear Future issues draft recommendations for spent fuel management. DOE beats deadlines for dealing with transuranic and mixed waste at Hanford Site. Waste retrieval begins at Hanford Site burial ground.

ISOTOPES & RADIATION

NRC takes enforcement action against two Montana licensees. Advisory Committee on the Medical Uses of Isotopes seeks agreement state representative.

INDUSTRY

International Isotopes receives ISO certifications; other business developments. B&W Canada wins contract to maintain fuel channels at Bruce-3; other contracts.

FUEL

Investors extend deadline for USEC to obtain DOE loan guarantee for American Centrifuge Plant. Euratom Supply Agency issues 2010 annual report. Aemc wins contract for work in United Kingdom and Namibia.

EDUCATION, TRAINING & WORKFORCE

DOE awards $39 million for university-led nuclear R&D. Constellation Energy Nuclear Group recognized by College of Southern Maryland for scholarship funding.

STANDARDS

Comments requested on four standards.

DEPARTMENTS

ANS Officers
President
Eric P. Loewen
Vice President/President-Elect
Michael L. Corradini
Treasurer
Michaele C. Brady Raap
Chairman, ANS Publications Steering Committee
Martin L. Grossbeck

Administrative

Interim Executive Director
Roger W. Tilbrook

Coming up . . .

October—Special Section on Nuclear Power Plant Maintenance
December—Special Section on Instrumentation and Controls

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 54, Number 10. Published monthly (except during the month of April when issued twice monthly) by the American Nuclear Society, Inc., 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 2011; overseas subscribers add $70 per year for postage and handling. Single copy price is $40; $12 additional for overseas postage and handling (except for the Buyers Guide issue, which is $105; $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>.


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 LexisNexis database, from Mead Data Corporation.