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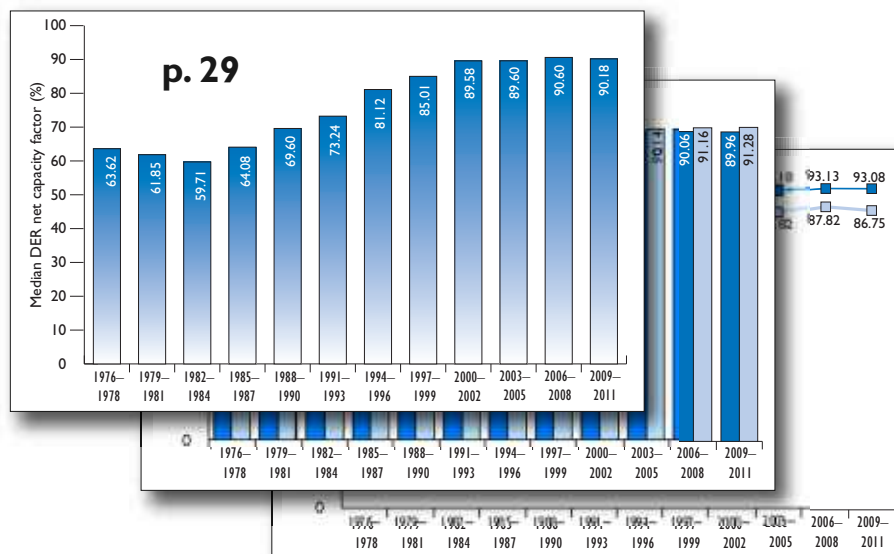
NUCLEAR NEWS EDITORIAL
708/579-8245
Fax 708/352-6464
e-mail <nucnews@ans.org>

INTERNATIONAL EDITOR
(DICK KOVAN)
+44 1737 842687
e-mail <dkovan@ans.org>

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FEATURE ARTICLE

U.S. capacity factors: The oldest reactors keep pace

BY E. MICHAEL BLAKE 29

SPECIAL REPORT

From Its Birthplace: A Symposium on the Future of Nuclear Power

BY LARRY R. FOULKE 58

POWER

NRC issues combined construction and operating licenses for two new reactors at Summer site. TVA announces late 2015 startup for Watts Bar-2 and an additional cost of \$1.5 billion to \$2 billion. NRC issues confirmatory action letter on San Onofre restart plans. Focus on Finance. Maximizing the Assets: A status report on license renewal and power uprates. ASLB allows challenge to Limerick license renewal. NRC staff, Advisory Committee on Reactor Safeguards favor 15 percent power uprates for Turkey Point-3 and -4. Turkey Point cited for two violations, fined \$140 000. Gallup poll shows U.S. public's support for nuclear power is near pre-Fukushima levels. NRC cites PSEG Nuclear for security infraction at Hope Creek/Salem. Contentions rejected in license renewal proceedings for Davis-Besse, Indian Point, and Pilgrim. NRC issues Fort Calhoun red inspection finding. Contentions denied in Levy, Turkey Point licensing proceedings; other licensing developments.

OPERATIONS

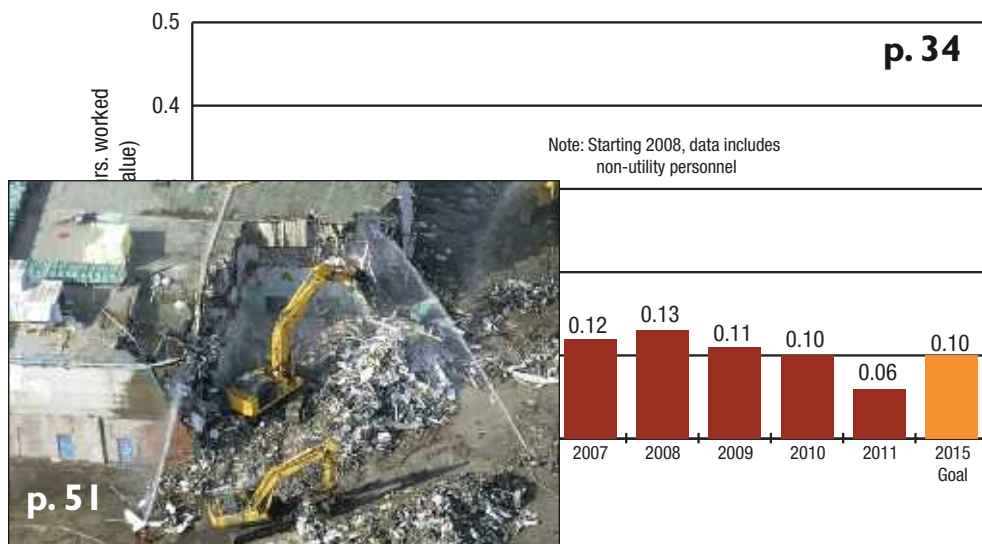
INPO/WANO performance indicators: U.S. fleet posted strong performance in 2011.

SECURITY

South Korea hosts second Nuclear Security Summit. NRC to establish new security regulations for the use and transport of radioactive materials. National Nuclear Security Administration sends last shipment of high-enriched uranium to France; other NNSA news.

INTERNATIONAL

E.ON and RWE drop plans to build nuclear plants in the United Kingdom. Babcock-led consortium takes over Dounreay site in Scotland. GE Hitachi and Britain's National Nuclear Laboratory sign agreement to dispose of plutonium in United Kingdom. Berkeley boilers shipped from England to France for recycling. With no investors, Bulgaria drops Belene nuclear plant project. Fuel loading begins at Canada's refurbished Point Lepreau plant. Lithuania signs agreement with Hitachi for Visaginas project. Bidding process begins for Unit 4 at Finland's Olkiluoto site. India's nuclear regulator joins Multinational Design Evaluation Program. IAEA hosts workshop for nuclear "newcomers" to assess pros and cons of small and medium-sized reactors.



WASTE MANAGEMENT

49

Major milestone reached in waste treatment project at Idaho Site. Underground waste tanks at Savannah River Site being readied for closure. Texas low-level waste repository clears regulatory hurdle. Hanford Site's Plutonium Fabrication Pilot Plant/308 Building is demolished. \$200-million contract awarded for waste disposal at Los Alamos National Laboratory. Blue Ribbon Commission on America's Nuclear Future urges NRC to begin work on generic regulations for nuclear waste management.

FUEL

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Cameco acquires Areva's share of Millennium project, receives license renewals for three facilities. Energy Resources of Australia explores potential for underground mining at Ranger 3 Deeps. Peninsula Energy commits to Lance projects in Wyoming.

INDUSTRY

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Dresser Consolidated retracts NRC notification; other news. Westinghouse splits up power plants group; other business developments. Areva to supply fuel to Davis-Besse; other contracts.

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Report on University of Pittsburgh symposium on the future of nuclear power.

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National Research Council reports on first phase of cancer study.

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University of Missouri's Nuclear Science and Engineering Institute eliminated, split into two separate programs. Reed College research reactor cleared for 20-year license renewal.

STANDARDS

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NRC issues revisions to four regulatory guides. Standards approved, initiated; comments requested.

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Coming up ...

June—Special Section on New Construction

July—Profile of incoming ANS President Michael L. Corradini

August—18th Annual Vendor/Contractor Profile Issue

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