

# Nuclear News

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## **FY 2012 DOE & NRC BUDGETS 61**

DOE request for nuclear down slightly; SMR programs launched. NRC seeks \$1.038 billion, down slightly from FY 2010.

## **POWER 26**

US-APWR design certification now scheduled for late 2013. NRC issues final design approval for GE Hitachi's ESBWR. Renaissance Watch: An update on developments that may lead to new power reactors. Shaw Modular Solutions notifies NRC of proposed corrective actions, anticipates first modules in June. NRC commissioners vote to allow Vermont Yankee license renewal. Commissioners direct NRC staff to use existing framework for new-plant oversight. NRC addresses cumulative effects of regulation on licensees. Ke-waunee license renewal allows operation until late 2033. Draft environmental impact statement for Seabrook license renewal delayed; target dates scheduled for South Texas renewal. TVA favors additional nuclear capacity but makes no firm commitment. NRC staff proposes risk-informed regulation for small modular reactors. Three contentions allowed in licensing proceeding for Turkey Point-6 and -7; other licensing developments. (Also see Call for Papers, pp. 95–98, for the 2011 ANS Winter Meeting, October 30–November 3, in Washington, D.C.)

## **SECURITY 40**

National Nuclear Security Administration makes changes to address problems identified by Government Accountability Office.

## **INTERNATIONAL 70**

International Energy Agency supports Poland's nuclear plans. France's nuclear policy council calls for greater industry collaboration. French submarine manufacturer proposes underwater nuclear plant. United Arab Emirates' nuclear program gets good marks from IAEA and UAE International Advisory Board. Bangladesh signs agreement with Russia's Rosatom for power reactor project. ATMEA1 reactor design submitted to Canadian Nuclear Safety Commission for pre-project review. Government of the Netherlands sets out conditions for new reactors. Four reactors now in operation at Japan's Kashiwazaki Kariwa plant. Westinghouse to share AP1000 technology with Spanish utility. Nuclear graphite research resumes in United Kingdom after 40 years.

The *Nuclear News* **SPECIAL REPORT: FUKUSHIMA DAIICHI AFTER THE EARTHQUAKE AND TSUNAMI** begins on page 17 in an expanded edition of the usual Late News pages.



Photo: Reuters/DigitalGlobe/Handout

**WASTE MANAGEMENT 76**

Nuclear Energy Institute, utilities, and others file waste-related lawsuits against DOE and NRC. Reactor vessel, steam generators removed from Savannah River Site's HWCTR building. Obsolete structures at Hanford Site felled by explosive demolition.

**INDUSTRY 78**

Westinghouse to supply South Carolina Electric & Gas Company with fuel for current and future reactors; other contracts. GE Hitachi and Lockheed Martin to jointly develop control room designs for the ESBWR; other business developments.

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INPO and U.K.'s National Skills Academy for Nuclear to collaborate on nuclear training and education development. Nuclear education center opens in United Arab Emirates. Luminant offers full scholarships for power plant program.

**FUEL 89**

Energy Secretary Steven Chu approves transfer of DOE and NNSA uranium into market.

**ISOTOPES & RADIATION 91**

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**Coming up ...**

- Mid-April**—42nd Annual Buyers Guide
- May**—Special Feature: U.S. Nuclear Power Plant Capacity Factors
- June**—Special Section on New Construction

**Cover:** At bottom, workers in protective suits work to restore electricity to Units 3 and 4 at the Fukushima Daiichi nuclear power station on March 18, 2011. A special report on the nuclear emergency at the facility begins on page 17. (Photo: Tokyo Electric Power Company/Kyodo via AP Images)



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