# **Nuclear News** April 2015 Volume 58, Number 4





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# Coming up ...

Index to Advertisers

Mid-April—46th Annual Buyers Guide May—Special Feature: U.S. Nuclear Power Plant Capacity Factors June—Special Section on Construction and Supply Chain

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SPECIAL SECTION: OUTAGE MANAGEMENT 29 Kelly Alderman: Exceeding expectations in outage performance INTERVIEW BY MICHAEL MCQUEEN 30 Reactor vessel closure head replacement at Callaway 34 Darlington station to double its lifetime of service to Ontario BY DICK KOVAN 38

## FEATURE

## Data-centric configuration management

BY KENNETH BARRY, ROBERT RENUART, AND THOMAS ESSELMAN

## POWER

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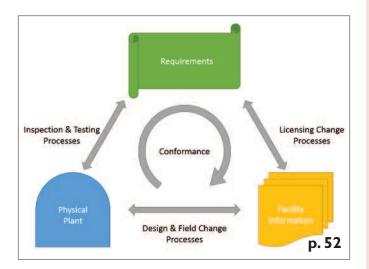
NRC releases reactor performance ratings for 2014. NRC denies petitioners' request to reinstate suspension of final licensing actions. NRC reverses ASLB's decision on transformer contention in Indian Point license renewal proceeding. Nuclear Energy Institute urges the Federal Energy Regulatory Commission to stress role of nuclear power in EPA's Clean Power Plan. Renaissance Watch: An update on developments that may lead to new power reactors. Callaway license renewed; hearing request not yet resolved. Areva suspends work on U.S. EPR design certification. NRC dockets APR1400 design certification application. NRC cites TVA for fire watch violations at Sequoyah; other enforcement news. Draft environmental impact statement issued for Turkey Point-6 and -7; other licensing developments. (See also Call for Papers, pp. 71-74, for the 2015 ANS Winter Meeting and Nuclear Technology Expo, November 8-12, 2015, Washington, D.C.)

## SECURITY

National Nuclear Security Administration revises civil nuclear export regulations. Bill to support counterterrorism efforts introduced in U.S. House of Representatives.

## WASTE MANAGEMENT

Anti-Yucca Mountain bills introduced in Congress. Borehole disposal may be suitable for some high-level waste at Hanford Site. NRC ends decommissioning fund spotcheck program. Partial agreement reached on tank closure at Savannah River Site. Cleanup milestone reached with removal of liquid waste at Sellafield site.



### INTERNATIONAL

Saudi Arabia signs early-stage pact to study South Korea's SMART reactor. UN Security Council calls for limits on releases of radioactive xenon. Areva sets out plan to return to profitability. International Generation IV agreement extended. Vietnam Agency for Radiation and Nuclear Safety and GE Hitachi sign BWR safety learning pact.

### **ISOTOPES & RADIATION**

Startup of new supply source of molybdenum-99 planned for 2017. NRC seeks data on iodine-131 patient release.

### RESEARCH

New ITER chief submits action plan.

#### **EDUCATION, TRAINING & WORKFORCE** 56

Oregon State University launches nuclear forensics option. Central Piedmont Community College's Non-Destructive Examination Technology Program receives \$150,000 NRC grant.

### FUEL

Energy Fuels resumes development at Canyon mine. Canadabased Khan Resources receives settlement from Mongolian government over cancellation of uranium licenses. Incidents at three facilities temporarily affect production. Wate Mining Company changes ownership; other acquisitions.

## INDUSTRY

Areva to test NuScale fuel; other business developments. Babcock & Wilcox gets \$535 million in naval work; Fluor receives Diablo Canyon maintenance and operations contract from PG&E. 10 CFR Part 21 reports submitted on ABB breaker close latches and relays.

## **STANDARDS & DOCUMENTATION 66**

ANS answers inquiry on ANSI/ANS-15.4-2007. Standards approved, published; comments requested. NRC issues Interim Staff Guidance, other documents.

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