Nuclear News



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Coming up . . .

March—19th Annual Reference Issue

April—Special Section on Construction/ Supply Chain

May—Special Feature: U.S. Nuclear Power Plant Capacity Factors

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On the cover: This view from the west end of the Chernobyl-4 New Safe Confinement (NSC)was taken on November 14, the day the sliding process to move the structure over the old shelter began. The red objects along the right side of the structure comprise the hydraulic jack mechanisms that were used to move the structure from the construction area to its final positioning over the old shelter. The tall vertical component at the center of the arch is the new ventilation stack. A photo feature with more details on the NSC and the process of moving the massive structure begins on page 34. (Photo: EBRD)



Photo Feature

Chernobyl's New Safe Confinement is moved into position

Power

Indian Point-2 and -3 to close in 2020 and 2021. NuScale applies for SMR design certification. Vogtle-3, Summer-2 and -3 achieve construction milestones. NRC issues COLs for Lee-1 and -2 in South Carolina. Judge rules on dispute over Levy project cancellation costs. Georgia Power, PSC reach agreement on Vogtle-3 and -4 cost overruns. NRC names U.S. reactors with French forgings. Renaissance Watch: An update on developments that may lead to new power reactors. Senators request monthly reports on NRC activities. End of year brings one reactor scram, one trip. NRC cites cooling system failure at Diablo Canyon.

Security 26

Sandia contract goes to Honeywell International subsidiary; other NNSA news. India and Vietnam sign nuclear cooperation agreement. Plea agreement struck in nuclear espionage case.

Policy & Legislation

30

34

Bipartisan bill seeks to advance clean nuclear energy, research. Open letter urges Trump, Perry to back nuclear. Kentucky lawmakers introduce bills to end ban on nuclear plant construction. New York PSC upholds Clean Energy Standard's zero-emissions credits.

International 38

Japan's Sendai-1 restarts following first periodic inspection. Monju prototype fast breeder reactor to be decommissioned. U.K. regulators to assess China's UK HPR1000 reactor. Eskom issues request for information on nuclear new-build plans in South Africa. Pakistan's Chashma-3 inaugurated by Prime Minister Nawaz Sharif. Jordan's first research reactor inaugurated.





Waste Management

Waste emplacement operations at Waste Isolation Pilot Plant restarted in January. Contract awarded for San Onofre decommissioning. DOE continues search for deep borehole test site. DOE releases draft plan for defense-related waste. Testing continues on Idaho Site's Integrated Waste Treatment Unit. OPG continues to push for Ontario repository. DOE issues draft EIS for cleanup of Santa Susana Field Laboratory's Area IV.

Meetings

8th International High Temperature Reactor Technology Topical Meeting (HTR 2016).

Isotopes & Radiation

NNSA completes agreement awards for molybdenum-99 production facilities. NRC proposes fine on Virginia firm for unauthorized work; other enforcement news.

Fuel

EPA re-proposes ISR groundwater protection rule. ASLB's initial decision on Dewey Burdock license upheld. Mine area permit issued for Burke Hollow; other mining developments. URI, Laramide Resources close sale; other business developments.

Industry

BWXT purchase of GE Hitachi NE Canada completed; other business developments. BWXT, Bechtel win Navy contracts; other awards. Engine Systems Inc. diesel generator parts evaluated; other 10 CFR Part 21 reports.

Standards & Documentation

ANS answers inquiry on ANSI/ANS-3.11–2005. Reaffirmations of two standards are approved. NRC withdraws five regulatory guides at end of 2016.

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