Special Section: Construction and Supply Chain 25

Work at UAE’s Barakah progressing on schedule
by Dick Kovan

Building a better supply chain
interview by Michael McQueen

Hinkley Point C: Preparations end, full construction begins
by Dick Kovan

Power
NRC approves sale of FitzPatrick from Entergy to Exelon. Duke Energy’s nuclear fleet achieves record 2016 performance. PG&E revises Diablo Canyon closure proposal. NRC issues 2016 reactor performance assessments. Renaissance Watch: An update on developments that may lead to new power reactors. Entergy cited for emergency diesel generator maintenance lapse at Arkansas Nuclear One. Two shutdowns caused by leaks; other events. (See also Call for Papers, pp. 71–74, for the 2017 ANS Winter Meeting, October 29–November 2, Washington, D.C.)

Security
Government Accountability Office calls for security enhancements for transport of radiological materials. NNSA conducts nuclear forensics workshop in Argentina; other NNSA news. The 50th anniversary of Treaty of Tlatelolco commemorated in Mexico City. NRC’s Office of the Inspector General calls for improvements in oversight of source material exports and security at decommissioning reactors.

Policy & Legislation
Bipartisan legislation in House and Senate proposes changes to NRC’s fee recovery and licensing structures. Senate confirms Rick Perry as secretary of energy.
International

Unit 1 at Russia's Novovoronezh II is world's first Gen III+ reactor to go commercial. European Commission approves Hungarian government investment in Paks II. IAEA reviews long-term safety at Belgium's Doel-1 and -2. United Kingdom's national nuclear archive opens to the public. CGN subsidiary enters nuclear technology applications market in China. Global Nuclear Fuel-Japan's fuel fabrication plant passes safety exam.

Waste Management

Demolition work progresses at Hanford Site's Plutonium Finishing Plant. B-Cell mock-up to help in soil remediation at Hanford. Transuranic waste retrieval project completed at Idaho Site. Radioactive sludge removed from Sellafield storage pond. NRC releases revised report on decommissioning disposal costs. Grout research aimed at preventing waste seepage.

Fuel

Operating license issued for Reno Creek in situ recovery project. GoviEx Uranium acquires Zambian properties; other mining developments. U.S. uranium production 13 percent lower in 2016 than in 2015.

Research

NASA rover technology to map radioactive sites. DOE's Advanced Research Projects Agency–Energy draws $1.8 billion in private sector funding for energy innovation.

Education, Training & Workforce

First-of-its-kind program awards certificate to first graduate at University of Nevada at Reno. IAEA assesses radiation protection training in United Arab Emirates.

Industry

Exelon joins with Horizon Nuclear Power on Wylfa Newydd project; other business developments. Bruce Power awards contracts; other pacts. Corrosion traced to polishing chemicals; other 10 CFR Part 21 reports.

Standards & Documentation

Standard approved, comments requested. Two regulatory guides issued by NRC, four available for comment.