Feature Articles

U.S. capacity factors: Close to a new peak
by E. Michael Blake

Wolf Creek: Water jet peening of reactor vessel nozzles
by Justin Daily

Power


Security

Center for Nonproliferation Studies report says threats to radiological security remain “undiminished.” Emergency vehicle–mounted radiation detection system tested in Washington, D.C. United Kingdom contributes over $10 million to IAEA Nuclear Security Fund. NRC identifies issues with licensees’ cybersecurity programs.

Policy & Legislation

President Trump signs executive order for review of EPA’s Clean Power Plan. Ohio lawmakers introduce bill on zero-emissions credits program to aid nuclear plants. Senators pressure DOE on whistleblower protection.

International

Waste Management
Holtec submits license application for consolidated interim storage facility in New Mexico. Energy Secretary Rick Perry tours Yucca Mountain repository site. DOE, United Kingdom Atomic Energy Agency to expand robotics collaboration. United Kingdom’s Nuclear Decommission Authority cancels Magnox sites decommissioning contract. GE, Bechtel offer decommissioning services to Germany, Sweden.

Meetings
2017 Waste Management Conference: Sustaining the momentum.

Research
DOE’s GAIN program reports early success. DOE seeks input on R&D focus areas for fiscal year 2018.

Isotopes & Radiation
University of Missouri Research Reactor submits license amendment request to allow molybdenum-99 production. NRC cites Michigan hospitals for violations; other actions.

Education, Training & Workforce
University of Michigan’s Ford Nuclear Reactor reopens as Nuclear Engineering Laboratory. Moniz to speak at Rensselaer Polytechnic Institute’s commencement ceremony.

Fuel
Nichols Ranch expansion approved, construction put on hold; other mining developments. Areva tests enhanced accident tolerant fuel concepts; other research developments. GAO acting director testifies before Senate committee on DOE’s excess uranium transfers. Option agreements executed for Preston uranium project; other business developments.

Industry
GE Hitachi, ARC Nuclear to license Canadian advanced SMR; other business developments. Amec Foster Wheeler to support United Kingdom’s reactor fleet; other contracts. Energy Systems submits 10 CFR Part 21 report on diode defect.

Standards & Documentation
Comments requested; new standards project initiated. ANSI answers multiple-part inquiry on two standards. NRC issues one regulatory guide, makes two available for comment.