



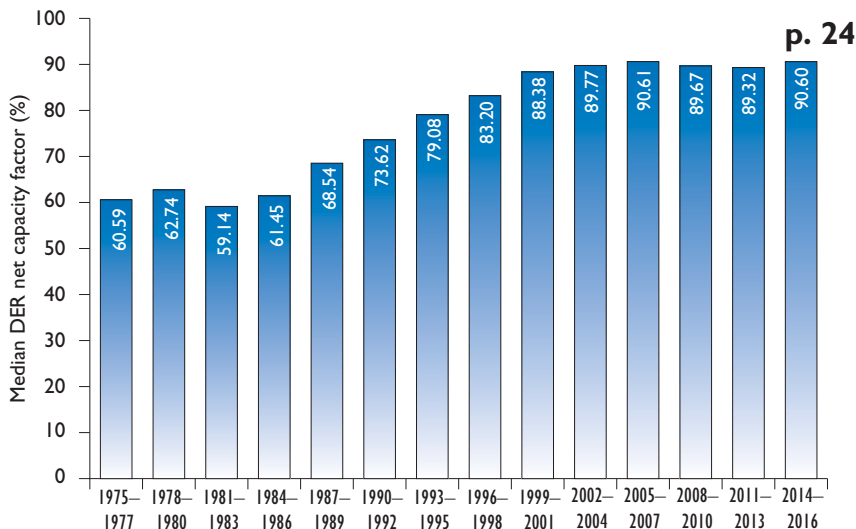
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Coming up . . .

June—Special Section on Instrumentation and Controls

July—Profile of incoming ANS President Robert N. Coward

August—23rd Annual Vendor/Contractor Profile Issue

On the cover: The water jet peening project at Wolf Creek required the construction of a specially designed bridge over the reactor cavity to allow the peening tools to be lowered into the refuel pool and operated. An article about the Wolf Creek water jet peening project, intended to mitigate the potential for primary water stress corrosion cracking in Alloy 600 nozzle welds, begins on page 38. (Photo: Scott Bolley/Wolf Creek Nuclear Operating Corporation)

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Wolf Creek: Water jet peening of reactor vessel nozzles

BY JUSTIN DAILY

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Westinghouse bankruptcy puts U.S. new-build at risk. Focus on Finance. FitzPatrick joins Exelon's nuclear fleet. Turkey Point, Clinch River applications move forward. Manual scrams occur at Browns Ferry, Grand Gulf. Maximizing the Assets: A status report on license renewal and power uprates.

Security

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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

34

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

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EDF finalizes arrangements for closure of France's Fessenheim nuclear plant. AP1000 design passes United Kingdom's Generic Design Assessment regulatory review. United Kingdom's Hinkley Point C reaches six-month milestone. System performance testing begins at France's Flamanville-3. Japanese high court lifts injunction on Takahama-3 and -4. United Arab Emirates' Barakah-3 hits new construction milestones. MOU signed to build up local nuclear capabilities in South Africa. India's Kudankulam-2 enters commercial operation.



Waste Management 49

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 Decommissioning Authority cancels Magnox sites decommissioning contract. GE, Bechtel offer decommissioning services to Germany, Sweden.

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2017 Waste Management Conference: Sustaining the momentum.

Research 58

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

Isotopes & Radiation 63

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 65

University of Michigan's Ford Nuclear Reactor reopens as Nuclear Engineering Laboratory. Moniz to speak at Rensselaer Polytechnic Institute's commencement ceremony.

Fuel 66

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 69

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 71

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

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