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2015/2016 Wall Maps of Commercial Nuclear Power Plants now available!

See insert, page 57, for details.

Coming up . . .

July—Profile of incoming ANS President Eugene S. Grecheck

August—21st Annual Vendor/Contractor Profile Issue
(See insert, page 27)

October—Special Section on Nuclear Power Plant Maintenance

On the cover: Construction continues on South Carolina Electric & Gas Company's Summer-2 and -3 units. See page 40 for an expanded Renaissance Watch article, with updates on U.S. construction, licensing, and design certifications. (Photo: SCE&G)

SPECIAL SECTION: CONSTRUCTION AND SUPPLY CHAIN

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Renaissance Watch: Licensing without construction BY E. MICHAEL BLAKE	40
Counterfeit and fraudulent parts: Improving prevention and detection BY MARC TANNENBAUM	46
Marketing nuclear projects globally: The Rosatom approach BY DICK KOVAN	50

POWER

15

License issued for Fermi-3, but no reactor yet. NRC staff asks commissioners for vote on Watts Bar-2 operating license. House passes energy funding bill for FY 2016. NRC to resume review of Diablo Canyon license renewal application. NRC to allow flexibility on foreign ownership of power reactors. Reactor vessel internals delivered for Vogtle-3. Final environmental impact statement for Davis-Besse license renewal issued; safety evaluation report expected in August. NRC changes oversight status of Oyster Creek, Limerick. Reactor effluents could be pegged to ICRP 103. Alkali-silica issue slows license renewal work at Seabrook. NRC escalated enforcement actions up in 2014. North Anna-3 responses to be submitted to NRC by December; other licensing developments.

OPERATIONS

30

INPO/WANO 2014 performance indicators issued for U.S. power reactors.

SECURITY

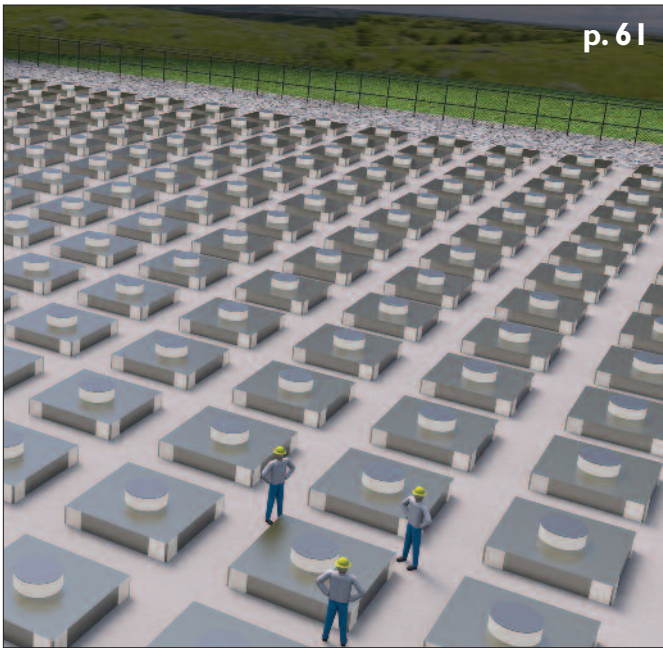
33

GAO: Management problems persist at National Nuclear Security Administration. NRC denies review of ASLB's ruling on material control and accounting at Mixed Oxide Fuel Fabrication Facility. Former NRC employee attempts cyber attack. GAO report critical of radiation detection R&D at Department of Homeland Security.

INTERNATIONAL

55

Concrete pour begun for China's first Hualong One reactor. Funding gap for new Chernobyl shelter nearly closed. Sweden's Ringhals-1 and -2 slated for early closure. Japan, United States support IAEA's Peaceful Uses Initiative. European Commission approves fuel contract for Hungary's new Paks reactors.



WASTE MANAGEMENT 60

New Mexico pursues interim spent fuel storage facility. Pencil tanks removed from Hanford Site's Plutonium Finishing Plant. Procurement practices at Hanford Site's Waste Treatment Plant questioned. DOE, state of New Mexico agree to settle claims related to incidents at Waste Isolation Pilot Plant. Panel recommends approval of Ontario Power Generation's proposed deep geologic repository. Cobalt cartridges retrieved from storage ponds at Sellafield.

FUEL 66

Energy Information Administration says uranium industry spending, employment down in 2014. Energy Secretary Moniz reduces allowed transfers of excess uranium. NRC investigates event at Nuclear Fuel Services site. ASLB upholds Dewey Burdock license, imposes conditions. NRC issues notice of violation to Honeywell Metropolis Works for UF₆ leak. Resource estimate updates announced in Australia, Niger, Peru.

ISOTOPES & RADIATION 74

Meeting held on MURR amendment; other developments in regard to new molybdenum-99 projects. New symbol for fissile material approved.

INDUSTRY 76

Diakont/Structural Integrity Associates and Kurion receive industry awards. Bruce Power, Korea Hydro & Nuclear Power team up on refurbishments, other work; other business developments. Amec Foster Wheeler receives \$109 million ITER contract; other pacts. User, vendor disagree on relay resistance.

EDUCATION, TRAINING & WORKFORCE 78

DOE awards \$5 million for nuclear-related studies. NEI: New ANSI/ANS standard benefits nuclear plant trainees. GE Hitachi dedicates new reactor under-vessel training area.

STANDARDS & DOCUMENTATION 80

New standard approved, comments requested. NRC issues two draft NUREGs on fire release rates, other documents.

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