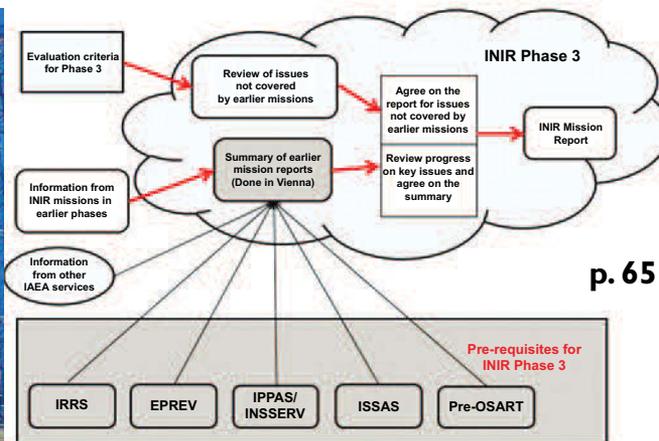




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Coming up ...

August—20th Annual Vendor/ Contractor Profile Issue
(See insert, page 38A)

October—Special Section on Nuclear Power Plant Maintenance

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Renaissance Watch: Is this the ESBWR's moment?

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Ron Jones: The Summer construction project

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Milestones guide newcomer countries on road to nuclear power

BY DICK KOVAN

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Evolution of the nuclear supply chain

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POWER

26

NRC orders seismic evaluations for 85 of 94 reactors in the Central and Eastern United States. Luminant's Chapter 11 bankruptcy filing will not affect Comanche Peak plant. NRC cites TVA for staffing issues at Browns Ferry. NRC issues ban to former Indian Point manager. DTE Energy applies for renewal of Fermi-2 license. Unanalyzed conditions related to fire safety reported at three plants; other plant condition events. NRC denies stay request for Braidwood/Byron license renewals, revises review schedule. NRC's reviews of North Anna-3 license application pick up where they left off. Open vessel testing begun at Watts Bar-2. Application for APR1400 design certification to be resubmitted in December; other licensing updates. Summer-2 auxiliary building module placed onto the nuclear island. Climate change studies vary in detail on need for nuclear power.

OPERATIONS

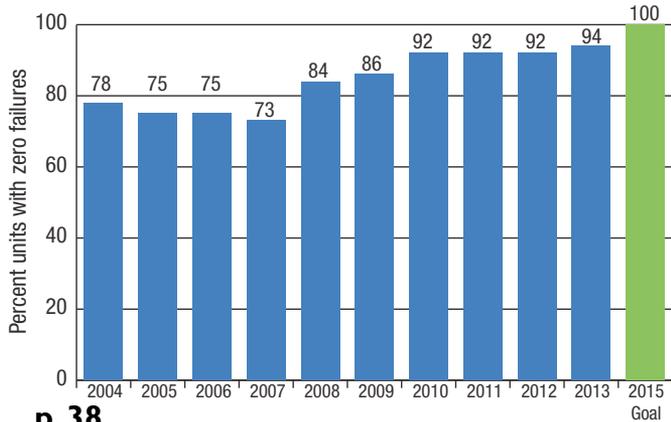
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2013 INPO/WANO performance indicators for U.S. power reactors issued.

SECURITY

40

New report rejects current approach to uranium processing at Y-12 National Security Complex; other NNSA news. Researchers improve ability of X-ray scanners to detect radioactive material. Police find radioactive materials in New Jersey man's home. Retired Air Force Lt. Gen. Frank G. Klotz is sworn in as the Department of Energy's undersecretary for nuclear security and the administrator of the NNSA.



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INTERNATIONAL

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Work on Taiwan's Lungmen nuclear power plant is halted pending national referendum. Finland's nuclear regulator approves I&C architecture for Olkiluoto-3. Nuclear issues set out in report from the Intergovernmental Panel on Climate Change. Ukraine's spent fuel storage project regains momentum. Sellafield Ltd. links up with Fukushima Daiichi cleanup firm. IAEA team calls Pakistan's regulatory activities "effective." Finland to help Saudi Arabia establish nuclear safety regulator.

WASTE MANAGEMENT

82

WIPP leak investigation focuses on chemical reaction in waste drums from Los Alamos National Laboratory. Savannah River National Laboratory to lead new review of Hanford waste tank vapors. Petition seeks spent fuel rule integration. More contentions admitted in license renewal hearing for Prairie Island independent spent fuel storage installation.

INDUSTRY

92

AREVA and ATOX form joint venture; other business developments. Westinghouse contract to supply nuclear fuel to Ukraine's Energoatom is extended; other pacts. 10 CFR Part 21 notifications provided on eight product issues. Doosan Heavy Industries & Construction ships the reactor vessel for South Korea's Shin Hanul-1.

FUEL

95

Ross uranium recovery project is licensed; stay of Dewey Burdock project license is ordered. Phase II at the Urenco USA enrichment plant is complete. MOX Fuel Fabrication Facility construction to continue through fiscal year 2014. Mining operations have begun at Uranerz Energy's Nichols Ranch in Wyoming. NRC sends inspectors to Global Nuclear Fuel facility.

ISOTOPES & RADIATION

98

Utah firm plans reactor-based production of molybdenum-99. NRC issues confirmatory action letter to Acuren USA.

STANDARDS & DOCUMENTATION

100

ANSI/ANS standard approved; other actions. ANS answers inquiry on ANSI/ANS standard. NRC issues final safety evaluation report for ESBWR design certification, other documents.

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