Notes on the 2017 World List of Nuclear Power Plants

World List of Nuclear Power Plants

Abbreviations Used in the World List

Power Reactors by Nation; Power Reactors by Type, Worldwide

Nuclear Power Plants No Longer in Service

Maps of Commercial Nuclear Power Plants Worldwide

U.S. Power Reactor License Renewal

New Power Reactor Projects in the United States; U.S. Power Reactor Ownership/Operator Changes

Power


Security

Klotz to stay on as NNSA administrator, for now; other top staffers depart. Doomsday Clock ticks closer to midnight. The USS Enterprise was decommissioned on February 3. NRC submits report to Congress on cybersecurity workforce baseline assessment.

Policy & Legislation

Congress moves on advanced nuclear technology bills. New Jersey legislators seek to toughen nuclear plant trespass law. Report by National Conference of State Legislatures offers options for states to keep nuclear in the energy mix. South Carolina judge rejects $100-million claim in lawsuit against the DOE over Mixed Oxide Fuel Fabrication Facility.
Toshiba to write off billions on Westinghouse U.S. projects. Japan’s Genkai-3 and -4 clear regulator’s safety review. Russia and Hungary agree to expand nuclear cooperation. Eskom gets good response to its request for information on South Africa’s proposed nuclear new-build program. French government and EDF agree on compensation for early closure of Fessenheim. UAE’s Barakah-3 and -4 achieve milestones, enter next phase of construction. OECD Nuclear Energy Agency conducts workshop on stakeholder involvement in nuclear decision-making. Finland’s TVO applies to extend license for Olkiluoto-1 and -2.

Waste Management
NRC docket Waste Control Specialists’ license application for a consolidated interim waste storage facility. Government Accountability Office disputes benefits of a defense waste repository. Areva and NorthStar form joint venture to de-commission closed nuclear facilities. Court allows shipments of HEU from Canada to South Carolina.

Fuel
ASLB addresses contention on wastewater impacts of in situ leach mining at Crow Butte. Cameco and Tepco in dispute over uranium supply contract. NRC issues report on lessons learned from event at Westinghouse’s Columbia Fuel Fabrication Facility. Cameco Australia’s Yeelirrie uranium project receives environmental approval.

Isotopes & Radiation
EPA sets new protective dose levels for drinking water following a radiological incident. Firms cited for violating radiation safety regulations.

Industry
Areva forms new U.S. subsidiary; other business developments. Amec Foster Wheeler wins contracts for U.K. naval, ITER work; other contracts. Excess material found on casings for AP1000 reactor coolant pump; other 10 CFR Part 21 reports.

Standards & Documentation
Standard approved, comments requested. NRC issues one draft regulatory guide, two draft NUREGs for comment.