Advanced reactors: An endless landscape
ATMEA1: Developed jointly by AREVA and Mitsubishi
EM²: A high-efficiency gas-cooled fast reactor
The Integral Molten Salt Reactor
The mPower SMR: A practical option for the global energy industry
NuScale Power: One year after the DOE award
PRISM: Redefining the relationship with plutonium
The Steam Cycle High-Temperature Gas-Cooled Reactor
Holtec International’s SMR-160
A nuclear newcomer: TerraPower and the Traveling Wave Reactor
The Westinghouse SMR: Simpler, smaller, and safer
Advanced SMRs: Providing new nuclear opportunities

Tests planned to justify source term reduction for small modular reactors. Lochbaum rips stalled document releases by the NRC. Six reactors to face heightened NRC oversight. Stephen Burns sworn in as NRC commissioner. Friends of the Earth sues over NRC’s acceptance of updated safety analysis report for Diablo Canyon. Renaissance Watch: An update on developments that may lead to new power reactors. NRC staff’s work on Callaway-1 license renewal application completed; other actions. NRC enforcement discretion prevents shutdown at Wolf Creek. Nuclear Energy Institute survey questions stress nuclear power’s low emissions. Fire protection issues found at Watts Bar-1 and ANO-2. Fukushima complicates completion of Watts Bar-2; other licensing developments.

Russia to boycott 2016 Nuclear Security Summit. DOE OIG’s annual cybersecurity report says improvements have been made, more are needed. NNSA’s Alarm Response Training Academy opens at Y-12. Drone flights over nuclear plant sites in France spark probe. Comments requested on NEI petition for rulemaking.

Three states, 10 environmental groups attack NRC’s new waste storage rule. Separate repository proposed for DOE high-level waste. NRC receives requests for changes to post-closure regulation at three closed reactor sites. NRC issues environmental assessment and finding of no significant impact for Waste Control Specialists’ order modification request.

Areva and Caterpillar to provide backup power for NRC’s FLEX program; other business developments. GE Hitachi receives outage, fuel contracts from Exelon; other contracts. Another issue identified with Allen-Bradley 700-RTC relays; other 10 CFR Part 21 reports.

U.S. company to support research center project in Vietnam. Operation of Atomic Energy of Canada Limited's nuclear age, fuel contracts from Exelon; other contracts. Another issue identified with Allen-Bradley 700-RTC relays; other 10 CFR Part 21 reports.

NRC to prepare environmental impact statement on Army's request to terminate license to use depleted uranium munitions at Jefferson Proving Ground. Nominees sought for two upcoming openings on the Advisory Committee on the Medical Uses of Isotopes. NRC cites Idaho food producer for two violations. NRC issues confirmatory order for violation of security requirements.

ANS answers inquiry on two standards. Three standards published, two standards approved. NRC issues two final regulatory issue summaries, one draft RIS.