Feature Article

Current radiation protection limits: An urgent need for change
by Jerry M. Cuttler and William H. Hannum

Power


Security

Ghanaian reactor converted to low-enriched uranium fuel; other NNSA news. Report says nuclear is needed to meet U.S. security imperatives.

International

China’s Sanmen-1 passes pre-fueling safety audit. CGN stages Hualong One “going global” summit. CGN submits preliminary safety report for UK HPR1000 Generic Design Assessment. Cold hydrostatic testing completed at United Arab Emirates’ Barakah-2. Spain’s Santa María de Garoña plant relicensing denied. IAEA report says nuclear power’s long-term potential remains high.

Isotopes & Radiation

SHINE Medical Technologies breaks ground on new Mo-99 production plant. Puerto Rican company’s inaction incurs $7,000 fine.
Waste Management 42
Options weighed for PUREX tunnels at Hanford Site. Demolition of Hanford’s Plutonium Finishing Plant nears completion. NRC relaxes order, avoids abandonment of rare-metal extraction facility in Oklahoma. NRC takes further action related to Yucca Mountain licensing process. Supercompressor at Idaho Site’s Advanced Mixed Waste Treatment Project reaches performance milestone.

Fuel 50
Areva and Westinghouse planning accident-tolerant fuel tests for 2019. NexGen Energy announces results of preliminary economic assessment for Saskatchewan’s Arrow deposit. NRC issues confirmatory order for scrubber event at Westinghouse’s Columbia Fuel Fabrication Facility. Jacobs to buy CH2M for $3.27 billion; other business developments. BWXT receives $84 million in Bruce, NASA contracts; other pacts. Twelve GE Hitachi control rod drive mechanisms reported as potential safety hazard; other 10 CFR Part 21 reports.

Industry 54
Jacobs to buy CH2M for $3.27 billion; other business developments. BWXT receives $84 million in Bruce, NASA contracts; other pacts. Twelve GE Hitachi control rod drive mechanisms reported as potential safety hazard; other 10 CFR Part 21 reports.

Standards & Documentation 57
New standard published; standards projects initiated. NRC draft regulatory guide issued for comment; NUREGs issued.