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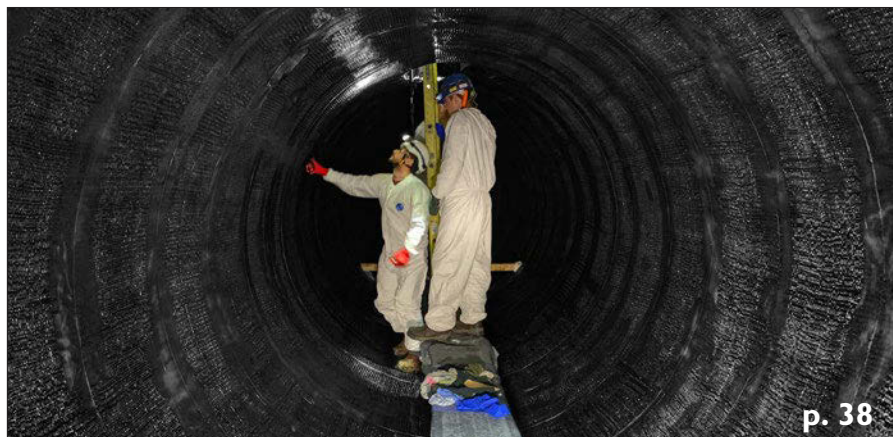
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FirstEnergy Solutions receives Department of Energy funding to lead hydrogen production demonstration project at Davis-Besse. Nuclear Regulatory Commission proposes penalty against Florida Power & Light Company over contract employee dismissal. FirstEnergy sues to block referendum on Ohio's Clean Air Act. Occupational Safety and Health Administration orders Tennessee Valley Authority to reinstate whistleblower. NRC proposes rule to strengthen fitness-for-duty drug testing.

International 50

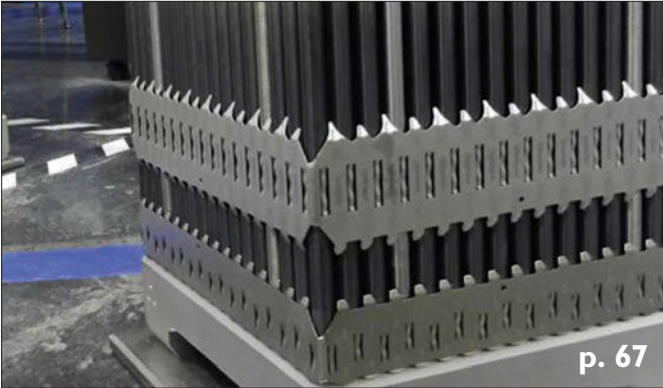
World Nuclear Association reports that global nuclear capacity increased in 2018. China's Taishan-2 begins commercial operation. United States and Japan strengthen nuclear security ties. South Korea's Shin-Kori-4 starts commercial operation. South Korea's Hanbit-6 restarts after undergoing periodic inspection. United Kingdom's Office for Nuclear Regulation delays restart of Hunterston B1 until January 2020. Four nations submit nominees for director general of International Atomic Energy Agency.

Waste Management 57

The Nuclear Regulatory Commission's Office of the Inspector General finds improvements are needed in oversight process for reactors transitioning to decommissioning. National Academies reviews options for treating low-level waste at Hanford Site. A spent fuel canister is clad in copper using an electroplating process developed by Canada's Nuclear Waste Management Organization. Atomic Safety and Licensing Board admits contention in licensing proceeding for Interim Storage Partners'



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proposed consolidated interim storage facility in Texas. Department of Energy awards contract for construction of utility shaft at Waste Isolation Pilot Plant. Recycled iron is used to treat contaminated groundwater at Savannah River Site. NRC issues exemption to allow Pilgrim decommissioning trust funds to be used for management of spent nuclear fuel.

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World Nuclear Association releases 19th *Nuclear Fuel Report*. Westinghouse's EnCore accident tolerant fuel loaded into Byron-2. Orano, Uzbekistan sign agreement on development of uranium mining exploration and operations activities in Uzbekistan. Low pH *in situ* recovery field demonstration at Lance Projects progresses; other mining developments. Nuclear Regulatory Commission bans URENCO contract worker for misconduct.

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National Nuclear Security Administration awards cooperative agreements for production of molybdenum-99. Nuclear Regulatory Commission suspends APINDE's license.

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Curtiss-Wright to market reactor inspection drones; other business developments. Department of Energy extends current Hanford tank operations contract; other pacts.

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