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TMI 25 Years Later: The Three Mile Island Nuclear Power Plant Accident and Its Impact, by Bonnie A. Osif, Anthony J. Baratta, and Thomas W. Conkling Three Mile Island: A Nuclear Crisis in Historical Perspective, by J. Samuel Walker

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POWER

Duke Energy explores "nuclear option" for new baseload generating capacity. Proposed NRC rule change would approve manual actions for reactor shutdown during a fire. NRC approves 5.2 percent power uprate at Seabrook. NRC places 99 of 102 U.S. reactors in top two categories of performance assessment matrix. Draft environmental impact statement recommends early site permit for Clinton site. License renewal process for Nine Mile Point put on hold; actions taken on license renewal requests for Point Beach and Millstone. NRC asks for comments on draft documents on station blackout risk evaluation, steam generator tube integrity. Two pipes at Calvert Cliffs-2 show weld flaw growth. Energy forum produces eight-step plan to advance nuclear energy in the United States. (See also Call for Papers, pp. 75–78, for the 2005 ANS Winter Meeting, November 13–17, in Washington, D.C.)

TERNATIONAL

China receives bids from three PWR vendors to build new power reactors. Five countries agree to conduct joint research projects on Generation IV reactors. Japan's Ikata-1 reactor internals replaced. Japan's NISA issues guidelines to prevent pipe ruptures. Belgium's SCK-CEN and France's CNRS sign agreement to develop MYRRHA prototype. France launches national dosimetric information system. Russia reports drop in nuclear-powered electricity production in 2004. Iran and Russia sign fuel supply agreement for Iran's Bushehr plant. Hungary's Paks plant applies for license to remove damaged fuel elements. IAEA safety review team completes follow-up mission to Paks. Radioactive waste management is priority for new EU energy commissioner. International experts group lays out new multilateral approaches to managing nuclear fuel cycle. U.K. puts out tenders for waste management consultation work. UKAEA releases figures for "missing" fissile material at Sellafield. IAEA director general says near-term future looks bright for nuclear power. IAEA Board of Governors receives update on nuclear activities in Iran, Egypt. Outgoing IAEA safety commissioner urges widening of safety standards.