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Nuclear Energy Policy

By Mark Holt

CreateSpace Independent Publishing Platform. Paperback. Condition: New. This item is printed on demand. 48 pages. Dimensions: 11.0in. x 8.5in. x 0.1in. Nuclear energy issues facing Congress include power plant safety and regulation, radioactive waste management, research and development priorities, federal incentives for new commercial reactors, nuclear weapons proliferation, and security against terrorist attacks. The earthquake and resulting tsunami that severely damaged Japans Fukushima Daiichi nuclear power plant on March 11, 2011, raised questions in Congress about the disasters possible implications for nuclear safety regulation, U. S. nuclear energy expansion, and radioactive waste policy. The tsunami knocked out all electric power at the six-reactor plant, resulting in the overheating of several reactor cores, loss of cooling in spent fuel storage pools, major hydrogen explosions, and releases of radioactive material to the environment. The Nuclear Regulatory Commission (NRC) issued orders to U. S. nuclear plants March 12, 2012, to begin implementing safety improvements in response to Fukushima. Significant incentives for new commercial reactors were included in the Energy Policy Act of 2005 (EPACT05, P. L. 109-58), such as tax credits and loan guarantees. Together with volatile fossil fuel prices and the possibility of greenhouse gas controls, the federal incentives for nuclear power helped...



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