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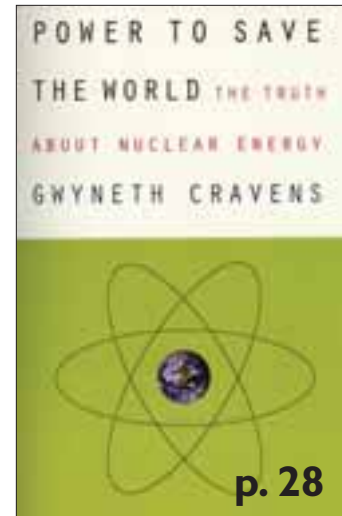
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Power to Save the World: The Truth About Nuclear Energy,
by Gwyneth Cravens

REVIEWED BY TED ROCKWELL

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NRC's Lyons: Contributions of structural mechanics to the science
of nuclear regulation

POWER

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DOE issues final rule on loan guarantee program. DOE releases conditional agreement for risk insurance for companies building new nuclear power plants. FPL Energy takes over as new owner of Point Beach plant. NRC publishes final rule on limited work authorizations for nuclear power plants. GAO report says NRC may not be ready for COL deluge. NRC proposes rule for aircraft impact assessments. Proposed NRC rule allows for alternative analysis method to determine susceptibility to pressurized thermal shock. Maximizing the Assets: A status report on license renewal and power uprates. NRC denies uprate request for Fort Calhoun over flow meter issue.

SECURITY

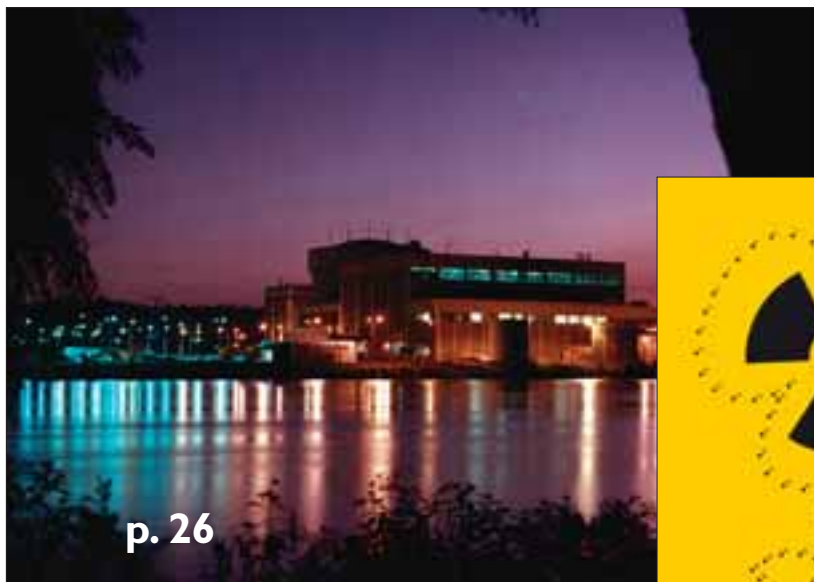
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GAO says DOE, NRC have different protection requirements for Category I special nuclear material. GAO study finds U.S. borders vulnerable. NRC establishes advisory panel to identify vulnerabilities in nuclear materials licensing program. DOE fines contractors for security violations. Portuguese research reactor converted from HEU to LEU; HEU fuel removed from South Korea. IAEA report urges continued vigilance against nuclear terrorism.

INTERNATIONAL

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Six-party talks result in second-phase agreement with North Korea. Commissioning completed at Romania's Cernavoda-2. Russia's Atomstroyexport completes construction of Tianwan-2 in China. China sets forth sustainable energy road map. Fennovoima presents plans for new nuclear plant in Finland. Repairs to steel liner at Finland's Olkiluoto-3 resume. In the U.K., Calder Hall's cooling towers demolished. UKAEA unveils Dounreay beach cleanup plan. European Commission clears Olkiluoto-3 loan guarantee. European Commission establishes forum for nuclear energy research. INSAG tells IAEA that nuclear safety must be strengthened. British Nuclear Group uses "flower power" ad to recruit workers for Sellafield.



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WASTE MANAGEMENT

Four industry teams receive funding for GNEP design studies. Court awards \$116.5 million to Northern States Power in spent fuel storage suit. Boreholes used for seismic monitoring at Yucca Mountain. Grouting of underground radioactive waste tanks continues at Idaho National Laboratory. DOE okays start of construction of salt waste facility at Savannah River Site. DOE issues RFP for liquid-waste contractor for Savannah River Site. NRC issues draft EIS for uranium plant cleanup.

FUEL

NRC receives application for new uranium recovery facility. New report looks at uranium supply and demand through 2020. GE-Hitachi moves forward with plans for uranium enrichment plant. Nuclear plants needed to irradiate MOX fuel.

INDUSTRY

Westinghouse to acquire French firm; other business developments. GE-Hitachi signed for work on power uprate at Nine Mile Point-2; other contracts.

ISOTOPES & RADIATION

NRC stresses surveying, lockup for sealed sources by well-logging licensees.

EDUCATION & TRAINING

ORNL joins forces with SUNRISE to promote nuclear. Purdue University research reactor converted to LEU fuel.

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Coming up ...

December—Special Section on Instrumentation and Controls

January—Report on the 2007 ANS/ENS International Meeting



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