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The Canadian comeback

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Radiation and Modern Life: Fulfilling Marie Curie's Dream,
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REVIEWED BY NANCY J. ZACHA

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Compromise energy bill becomes law. Constellation submits amended license renewal application for Nine Mile Point to NRC. NRC staff recommends applying safety goals to non-LWRs. DOE report summarizes U.S. government efforts to reduce greenhouse gas emissions. Pump failure at Indian Point-2 results in NRC white finding. NRC proposes generic letter on inaccessible electrical cables. Maximizing the Assets: A status report on license renewal and power uprates. NRC to continue heightened oversight of Hope Creek/Salem. License transfers open to hearing opportunities. (See also Call for Papers, pp. 67-70, for the ANS 2006 Annual Meeting and two embedded topical meetings, June 4-8, 2006, in Reno, Nev.)

SECURITY

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GAO report says DOE must take action to meet new design basis threat. Energy bill includes security provisions for nuclear plants.

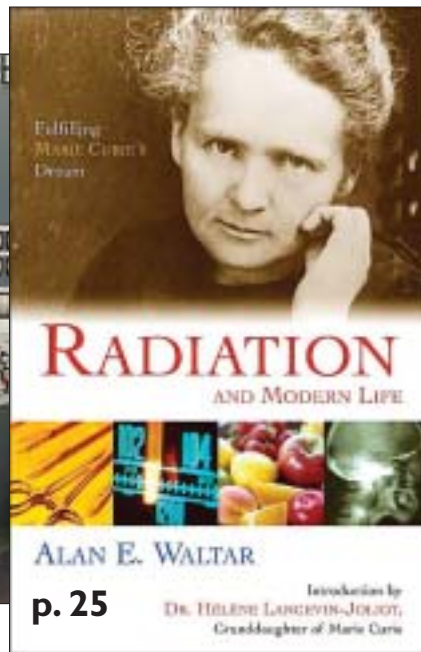
INTERNATIONAL

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Iran restarts Isfahan uranium conversion plant. Canada's Point Lepreau plant to be refurbished. Pickering A Unit 1 goes critical. China's plan to build new nuclear plants opens up opportunities for foreign companies. Tokyo Electric's generation capability fully restored. Malcolm Crick in place as UNSCEAR's new executive secretary. Bulgaria invites bids to construct two reactors at Belene site. United Kingdom's University of Manchester launches new nuclear institute. U.K.'s annual "state of security" report released. UKAEA chooses paper over electronic storage for Windscale site's decommissioning records. Three sites in Australia's Northern Territory being considered for national radwaste facility. G8 statements give slight attention to nuclear energy. Interim reports released on France's radwaste research. IAEA's revised treaty on physical protection of nuclear material reinforces security. First shipment by sea of equipment for construction of Finland's Olkiluoto-3 plant arrives at site. IAEA uranium symposium puts supply high on agenda.



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Coming up ...

October—Special Section on Nuclear Power Plant Maintenance

Cover: The second of two moderator heat exchangers is shown being lowered into the moderator room at Ontario Power Generation's Pickering-1, Canada's longest-tenured power reactor. After roughly eight years out of service, the 515-MWe CANDU pressurized heavy-water reactor went critical on August 2 and is expected to resume power operation this autumn. The article on page 32 recounts the long shutdown of eight power reactors in Ontario, the restart of four of them, and the prospects for the other four. (Photo: Ontario Power Generation)



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