

Nuclear News

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FEATURE ARTICLES

The OECD Nuclear Energy Agency at 50

BY GAIL H. MARCUS 27

James Conca: On WIPP and other things nuclear

INTERVIEW BY RICK MICHAL 44

POWER

Oyster Creek license renewal clears coastal zone hurdle. AmerGen submits license renewal application for Three Mile Island-1. Renaissance Watch: An update on developments that may lead to new power reactor orders and construction. Mitsubishi submits design certification application for US-APWR. UniStar submits revision to partial COL application for Calvert Cliffs. EIS scoping to begin for COL application for South Texas Project. NRC continues heightened oversight of Indian Point into 2008. Invenys, Rosemount report equipment shortcomings. Plant personnel report emergency diesel generator failures during testing; other issues. White inspection finding at Fort Calhoun leads to tighter NRC oversight. NRC issues draft EIS for Harris plant's license renewal.

SECURITY

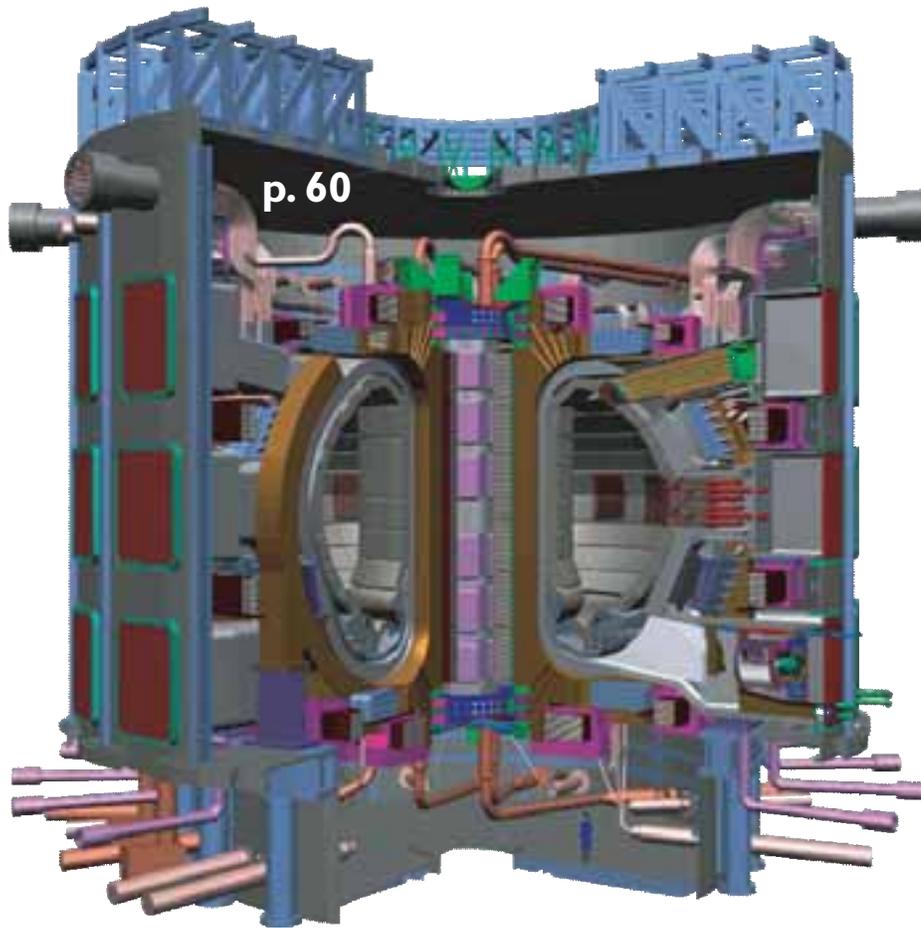
Security lapse at Peach Bottom prompts congressmen to call for review of NRC's operations. NRC asks licensees to provide information on security policies, practices. University of California agrees to pay \$2.8-million fine for security violations at Los Alamos. DOE cites Battelle for violations at PNNL. NRC clarifies its authority on employee protection regulations. NNSA reports on global nuclear security activities.

INTERNATIONAL

Plan to replace Switzerland's Beznau and Mühleberg plants announced. Russia begins shipping nuclear fuel to Iran's Bushehr plant. Lithuania to set up investment company to finance new plant at Ignalina. Japanese utility Tepco's procedures during earthquake found to have been appropriate. India's Narora-1 restarts after coolant channel replacement. End-of-life experiments planned for France's Phénix reactor. Areva agrees to help provide civilian jobs for former French military personnel. Finland's Olkiluoto-3 to start operating in 2011. IAEA donors assist in Russian nuclear legacy cleanup. U.K.'s Nuclear Decommissioning Authority invites final bids for Sellafield contract. British Nuclear Fuels sells decommissioning business. New evaporator lowered into U.K.'s Thorp plant by crane. Asian government ministers stress nuclear's role in climate change mitigation. International conference focuses on illicit nuclear trafficking.

WASTE MANAGEMENT

DOE touts assessments of Yucca Mountain program; Nevada impatient for radiation dose standard. Effort to strike DOE's Licensing Support Network certification fails. DOE ahead of schedule on Idaho TRU waste shipments. South Korea becomes 19th GNEP partner.



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Coming up ...

March—10th Annual Reference Issue

April—Special Section on Outage Management

Mid-April—*Nuclear News* Buyers Guide 2008

Cover: The Carlsbad Environmental Monitoring & Research Center, in Carlsbad, N.M., is the independent environmental monitor of the Department of Energy's Waste Isolation Pilot Plant. CEMRC monitors air, water, soil, and humans within a 100-mile radius of WIPP, and has been doing so for years, before the geologic repository started operation and up to the present day. For more about WIPP and CEMRC, turn to the interview with James Conca, CEMRC director, on page 44. (Photo: CEMRC)

INDUSTRY

55

Nova Machine Products acquires PlasmaBond from Generation SVC, Basic Resources; other business developments. Raytheon to develop longer-range radiation detector; other contracts.

FUEL

56

Cameco resumes operations at Eagle Point mine, continues flood remediation work at Cigar Lake. The spot price of uranium slips to \$89/lb U₃O₈. MOX plant at Savannah River Site 25 percent complete. USEC to apply for DOE loan guarantee for American Centrifuge plant.

ISOTOPES & RADIATION

59

ASLB admits contentions in licensing process for Hawaiian irradiation facility.

RESEARCH

60

International Thermonuclear Experimental Reactor design review completed.

EDUCATION & TRAINING

61

New nuclear power institute at Texas A&M will train workers for state's growing nuclear industry. INL's Advanced Test Reactor opens to researchers. U.K. launches graduate recruitment program for nuclear industry.

DEPARTMENTS

EDITORIAL

Backscatter	68	Proceedings Available	9
Calendar	6	Recently Published	9
Late News in Brief	17	ADVERTISING	
Letters	10	Direct Answer	54
Nuclear Notes	4	Index to Advertisers	53
People	64	Employment Ads Begin	49



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