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Nuclear News

August 2005

Volume 48, Number 9



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Space Nuclear Conference: Adjusting to a “change of course” 55

POWER

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Senate passes its version of energy legislation. Kewaunee returns to full power, sale to Dominion closed. Cracks found in FitzPatrick torus and on cooling line spur special inspection. FPL Energy to buy Alliant’s majority share of Arnold. Average power reactor occupational dose lowest ever in 2004. The Reactor Marketplace: An update on acquisitions and mergers affecting ownership and operation of power reactors. Petitions seek NRC action on power reactors using Hemyc fire barriers. Exelon-PSEG merger approved by FERC. ANO-2 license renewed; EIS for Browns Ferry, scoping begun for Palisades. Application for alternate source term at Peach Bottom withdrawn. GA insists senior VP supports Price-Anderson. Proposed power uprate for Browns Ferry-1 open to hearing opportunity.

OPERATIONS

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“Best of the Best” Top Industry Practice award goes to River Bend; other TIP winners.

SECURITY

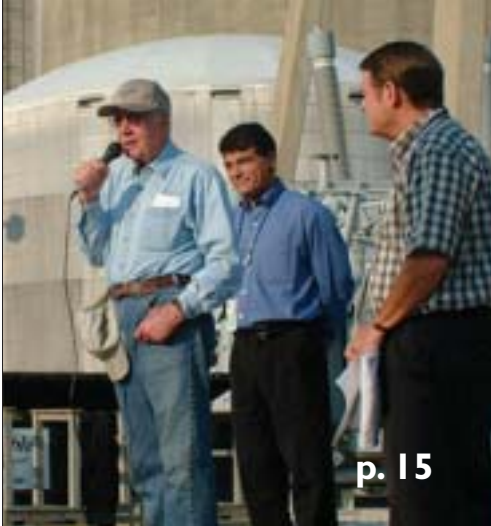
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Nonlethal heating device development to deter site intruders. Lugar report says chances of terror attacks growing. NRC may set policy on use, purchase of camera phones. Regulations amended on import, export of sealed sources and bulk radionuclides.

INTERNATIONAL

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Japan to begin next-generation LWR project next year. Studsvik closes test reactors in Sweden. Report issued on pipe fracture at Thorp in U.K. Excess childhood cancers not found near U.K. reactors. AMEC completes takeover of NNC. BNFL confirms plan to sell Westinghouse. Old Nirex repository site list published. India’s Tarapur-4 synchronized to grid. Australia/Taiwan deal will add neutron beam to OPAL. IAEA committee to examine safeguards and verification system in depth. Conference in France on safety and security of radioactive sources.



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WASTE MANAGEMENT

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USGS scientist called before House subcommittee over allegations of Yucca Mountain data falsification. RWE NUKEM contract, Studsvik agreement. Storage cask modifications reflected in amendments.

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Studsvik to get health physics business of ISS; other business developments. USEC-Exelon enrichment pact extended to 2012; other contracts.

ISOTOPES & RADIATION

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BEIR VII report endorses linear no-threshold model. New isotope ratio data may explain heat of Earth's core. NRC favors easing dose limits on visitors to radiotherapy patients.

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ASLB finds New Mexico enrichment plant would have no impact on local water supply. DOE fines Safety and Ecology Corporation \$55 000 for retaliation against whistleblower.

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France named ITER host country, Japan to provide director-general

STANDARDS

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New standard available for purchase; comments requested; work begun on new standards.

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Coming up ...

October—Special Section on Plant Maintenance



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Nuclear News (ISSN: 0029-5574), Volume 48, Number 9. Published monthly (except during the month of April when issued twice monthly) by the American Nuclear Society, Incorporated, with business, executive, and editorial offices at 555 N. Kensington Ave., La Grange Park, Illinois 60526; telephone 708/352-6611. Subscription rate is \$365 for 2005; overseas subscribers add \$55 per year for postage and handling. Single copy price is \$32; \$10 additional for overseas postage and handling (except for the Buyers Guide issue, which is \$110; \$12 additional for overseas postage and handling). Individual ANS members receive *NN* as part of membership. Replacement copies may be obtained at the single copy price, as long as copies are available. Inquiries about the distribution and delivery of *Nuclear News* and requests for changes of address should be directed to the American Nuclear Society. Allow six weeks for a change to become effective. POSTMASTER: Send change of address orders to *Nuclear News*, American Nuclear Society, 555 N. Kensington Ave., La Grange Park, Illinois 60526, or <nucnews@ans.org>.

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