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# Health **Physics**

#### SPECIAL SECTION: HEALTH PHYSICS NEA's role in radiological protection-Keeping things real BY DICK KOVAN Medical uses drive rise in dose in the U.K. 33 Leo Wainhouse: First responders and training for WMD events INTERVIEW BY RICK MICHAL 36 The carrot or the stick: Motivating performance to achieve ALARA goals BY RAY JOHNSON 40 FEATURE ARTICLES

William Magwood: Nuclear power has "turned the corner"

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# POWER

Exelon withholds Clinton site from NuStart COL plan. Deputy energy secretary explains proposed "risk indemnification" insurance for new nuclear plants. NRC may allow BWRs to operate up to seven days with an inoperable primary containment isolation valve. Renaissance Watch: An update on developments that may lead to new power reactor orders and construction. NRC reduces fees for power and research reactors, increases fees for some other licensees. Deal made for on-site dry storage of spent fuel at Vermont Yankee. NRC attempts to clarify terms in fire protection regulations. NRC accepts most of data submitted for Beaver Valley uprate. Heightened oversight remains in effect for "crosscutting" issues at Hope Creek/Salem. NRC dockets license renewal application for Palisades, begins scoping process for Monticello application. INPO/WANO power reactor performance indicators for 2004 show some improvements. (See also Call for Papers on page 75 for NCSD 2005: Integrating Criticality Safety into the Resurgence of Nuclear Power, September 18–22, 2005, in Knoxville, Tenn.)

# SECURITY

NRC restores another 70 000 records to Web site. U.S., Ukraine partner to improve security of Ukraine's radioactive materials. NRC places Syria on list of embargoed destinations for nuclear material and equipment. NRC amends regulations to allow broader access to licensing information.

# OPERATIONS

A Nuclear News interview-William Magwood: Nuclear power has "turned the corner."

# INTERNATIONAL

IAEA IT safeguards upgrade gets under way. New pledges boost Chernobyl Shelter Fund. Ontario's "nuclear option" takes a step forward. Canada's waste management agency proposes phased disposal of spent fuel. Reflector vessel installed at Australia's OPAL re-

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#### INTERNATIONAL—CONTINUED

search reactor. Pu-residue immobilization facility to be built in U.K. at Sellafield. Dounreay to use cementation process to solidify liquid waste. International emergency planning exercise conducted at Romania's Cernavoda plant. Japanese municipalities' safety agreements with nuclear operators strengthened. Shipment of spent fuel from Germany's Rossendorf research reactor to interim storage facility at Ahaus begins. Obrigheim plant ends power production under Germany's nuclear phaseout law. IAEA experts group finetunes Russia's nuclear cleanup priorities. Innovative nuclear systems put to INPRO test.

## WASTE MANAGEMENT

ASLB rules in favor of Private Fuel Storage in dispute with Utah. PGE's Trojan plant site released for unrestricted use. Sludge removal from Hanford's K Basins is a first-of-a-kind project.

#### **INDUSTRY**

Battelle Italia opens; two alliances set. NIS Ingenieure, COGEMA Logistics, others signed for work.

#### RESEARCH

Companion exhibits titled "The Race for Atomic Power" open at EBR-I and the Museum of Idaho.

#### **FUEL**

LES's proposed uranium enrichment facility passes NRC safety review. Australian company approves funds for development of uranium mine in Namibia.

#### **STANDARDS**

New standard available for purchase; standard approved; comments requested.

#### **ISOTOPES & RADIATION**

Private citizen petitions NRC to amend all depleted uranium munitions licenses. NRC approves disposal of tritium-contaminated soil in industrial landfill.

#### **DEPARTMENTS**

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## Coming up ...

August—I I th annual Vendor/ Contractor Profile Issue

October—Special Section on Plant Maintenance



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