SPECIAL SECTION:
NUCLEAR POWER PLANT MAINTENANCE

Getting results with preventive maintenance feedback  
by Kenneth Hart  39

Modified temperbead welding requirement results in shorter outage at Callaway 
by Steve McCracken and Dan Stepanovic  40

Challenges of life beyond 40 (and 60): A utility perspective  
by Steve Root  48

Dan Patten: A job “weld” done  
interview by Rick Michal  56

Point Lepreau: First CANDU 6 full retubing project is on track  62

Utility Working Conference: Trends in work management  
by E. Michael Blake  68

POWER

TVA seeks reinstatement of construction permits for Bellefonte-1 and -2. Westinghouse submits Revision 17 of AP1000 design control document to NRC. Renaissance Watch: An update on developments that may lead to new power reactor orders and construction. Exelon submits COL application for twin ESBWRs in Texas. NRC approves license renewal for FitzPatrick. EDF increases ownership share in Constellation Energy. NRC documents for Indian Point license renewal to be delayed. NRC allows utilities to request more time for transition to NFPA Standard 805. NRC okays TVA’s plan for addressing generic issues at Watts Bar-2.

SECURITY

IG says NRC was “inconsistent” in assessment of safety allegations at Peach Bottom. NNSA completes new HEU storage facility at Y-12 site. NRC proposes fine against Indiana company for security violations. NRC considers two rulemaking petitions regarding nuclear plant security requirements. NNSA eliminates 100 metric tons of weapons-grade material in U.S.

INTERNATIONAL

WASTE MANAGEMENT

NRC begins review of DOE’s license application for Yucca Mountain repository. DOE tests vegetable oil as groundwater treatment at Hanford Site. Hanford’s B Reactor achieves historic landmark status. Savannah River develops new container for shipping radioactive materials. U.S., Russian researchers test vitrification method.

ISOTOPES & RADIATION

Philadelphia VA hospital probed for administering lower-than-prescribed doses of I-125 to brachytherapy patients.

INDUSTRY

Westinghouse and Shaw form joint venture to build modules for AP1000 reactor; other business developments. Lockheed-led group gets $3 billion in work at Hanford Site; other contracts.

FUEL

USEC files Part II of loan guarantee application with DOE for American Centrifuge Plant. Cameco acquires uranium projects in Africa and Australia. NRC fines Global Nuclear Fuel for incorrectly declaring incident level. Niger Uranium buys into Henkries uranium project. First Uranium, Traxys Group agree on marketing rights for uranium produced at Ezulwini mine.

STANDARDS

Standards initiated, approved; comments requested.