UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

April 4, 2006

ALL AGREEMENT STATES, PENNSYLVANIA, VIRGINIA

GROUND-WATER PERFORMANCE MONITORING WORKSHOP (STP-06-030)

We are alerting you to a special training course on *Ground-Water Performance Confirmation Monitoring of Nuclear Waste and Decommissioning Facilities: A Workshop on Theory, Application, and Examples*. Although primarily for the Nuclear Regulatory Commission (NRC) staff and management, Agreement State personnel are welcome to participate at their own expense. The training course will be held at NRC Headquarters, 11545 Rockville Pike, Rockville, Maryland in Room T-10A1, Two White Flint North Building on May 22 - 23, 2006, from 9:00 a.m. to 5:00 p.m.

The training course is designed to provide the attendees with implementable strategies and technical bases that may be potentially useful to review ground-water monitoring programs at NRC facilities and decommissioning sites. At the training course, Advanced Environmental Solutions, LLC (AES) will provide a copy of their draft ground-water monitoring strategy report, and will discuss its application to a select group of test cases. The evolving strategy seeks to integrate ground-water monitoring with modeling using performance indicators to understand ground-water system behavior and confirmation of its predicted performance. A copy of the training agenda with technical topics and listing of presenters will be sent to the training course registrants.

We are also inviting technical staff from the U.S. Environmental Protection Agency's (EPA) Technology Innovation Program who have been following the research study. Many of the methods and guidance documents identified in the AES monitoring strategy originated with or were referenced in EPA documents, many of which are identified at EPA's Web site: http://clu-in.org/.

The continuing education panel of the American Academy of Health Physics (AAHP) approved the previous training course held on November 30 - December 1, 2005 for 16 continuing education credits. That course was identified as AAHP course No. 2005-11-007. NRC staff are contacting AAHP to designate this course for similar credit so that individuals attending this workshop may be able to apply those credits to their re-certification requirements as Certified Health Physicists.

Because of limited space, please indicate to the point of contact by May 5, 2006, if you or your staff wish to attend the subject training course. If you have comments, or wish details, on the course or its supporting research study, please contact the individual named below:

POINT OF CONTACT: Thomas J. Nicholson, RES INTERNET: TJN@NRC.GOV
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/RA/
Dennis K. Rathbun, Deputy Director
Office of State and Tribal Programs

STP-06-030 April 4, 2006

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