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(FSME-10-051, June, Program, Engineered Barrier)

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ALL AGREEMENT AND NON-AGREEMENT STATES

STATE LIAISON OFFICERS

NAVAJO, YAKAMA, UMATILLA, NEZ PERCE, HOPI, AND THE NATIONAL CONGRESS
OF AMERICAN INDIANS

WORKSHOP ON ENGINEERED BARRIER PERFORMANCE RELATED TO LOW-LEVEL
RADIOACTIVE WASTE, DECOMMISSIONING, AND URANIUM MILL TAILINGS FACILITIES,
AUGUST 3-5, 2010 (FSME-10-051)

Purpose: The U.S. Nuclear Regulatory Commission's (NRC) Offices of *Nuclear Regulatory Research* (RES) and the *Federal and State Materials and Environmental Management Programs* (FSME) are organizing a *Workshop on Engineered Barrier Performance Related to Low-Level Radioactive Waste, Decommissioning, and Uranium Mill Tailings Facilities, August 3-5, 2010*. This workshop is being coordinated with the States (e.g., Texas, South Carolina, Utah, Colorado, Washington, and New York), Federal agencies (e.g., Department of Energy (DOE), Environmental Protection Agency, U.S. Geological Survey, and DOE National Laboratories), and Tribal Governments (e.g., Navajo and Yakama).

Contents: The Prospectus and registration are available on the NRC Public Website:
<http://www.nrc.gov/public-involve/public-meetings/index.cfm?fuseaction=Search.Detail&MC=20100473&NS=1&CFID=464041&CFTOKEN=87868010>

Background: Over the last few years, research results from various organizations, including NRC/RES, have raised technical questions regarding performance of engineered surface barriers, and assumptions in performance assessments of these facilities. Operators, regulators, and researchers of engineered barriers recognize the need to discuss these technical issues from all aspects.

Discussion: The workshop will focus on engineered surface covers and bottom liners designed to isolate waste by impeding surface water infiltration into the waste systems or by retarding the migration of contaminants from the waste disposal site. Topics will include engineered barrier performance, modeling, monitoring, and regulatory experiences at low-level radioactive waste, decommissioning, and uranium mill tailings sites.

The objective is to facilitate communication among Federal and State staff, contractors and selected experts, on current engineered barrier issues and technical and regulatory experiences; discuss lessons learned and approaches for monitoring and modeling; prepare recommendations to address monitoring of engineered barrier performance over time; and identify topics for future research and the potential need to update technical guidance. The meeting may be viewed live via web streaming at <http://video.nrc.gov/live/>.

Although there is no registration fee, prior registration is encouraged to assist NRC security. The workshop will take place at the NRC Headquarters Auditorium, 11545 Rockville Pike, Rockville, Maryland.

FSME-10-051

If you have any questions regarding this correspondence, please contact the individual named below.

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