

October 13, 2006

MEMORANDUM TO: Jack R. Strosnider, Director
Office of Nuclear Material Safety
and Safeguards

THRU: Lawrence E. Kokajko, Director /F. Akstulewicz RA for L. Kokajko/
Division of High-Level Waste Repository Safety
Office of Nuclear Material Safety
and Safeguards

FROM: Tae M. Ahn, Senior Materials Engineer /D. Galvin RA for T. Ahn/
Division of High-Level Waste Repository Safety
Office of Nuclear Material Safety
and Safeguards

SUBJECT: TRIP REPORT TO PARTICIPATE IN THE WORKSHOP ON INTEGRATION OF
ENGINEERED BARRIER SYSTEMS OF HIGH-LEVEL WASTE, IN TOKYO,
JAPAN, SEPTEMBER 12-15, 2006

Enclosed is a trip report documenting the participation of Dr. Sitakanta Mohanty of the Center for Nuclear Waste Regulatory Analyses in the Organization for Economic Cooperation and Development/Nuclear Energy Agency Workshop on Integration of Engineered Barrier Systems (EBS) in the Safety Case: Design Confirmation and Demonstration (organized in cooperation with the European Commission). The meeting was held in Tokyo, Japan, September 12-15, 2006. Nuclear Waste Management Organization of Japan and Japan Atomic Energy Agency (JAEA) co-hosted the workshop. The workshop focused on the strategy, approaches, and methods for confirming and demonstrating EBS design in terms of key constraints and requirements that include long-term safety, engineering practicality, and quality assurance. Dr. Mohanty along with Dr. Tae Ahn, U.S. Nuclear Regulatory Commission (NRC), presented a paper entitled, "Performance Assessments for Design Reviews." Highlights of the trip are provided as Enclosure 1 to this memorandum. This report expands upon a "quick look" report prepared on September 22, 2006. The Division of High-Level Waste Repository Safety of NRC believes the content of this report is not likely to be of interest to the Commission.

Enclosure: Trip Report

cc: M. Johnson (OEDO)
J. D. Lee (OIP)
M. Federline (NMSS)
T. Rothschild (OGC)
L. Silvius (ONSIR/INFOSEC)
D. Cool (NMSS)
W. Ford (NMSS/HLWRS)

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