

December 22, 2005

MEMORANDUM TO: C. William Reamer, Director  
Division of High-level Waste Repository Safety  
Office of Nuclear Material Safety  
and Safeguards

FROM: Tae Ahn, Senior Materials Engineer /RA/  
Division of High-level Waste Repository Safety  
Office of Nuclear Material Safety  
and Safeguards

SUBJECT: TRIP REPORT TO FORT CALHOUN POWER PLANT, SEPTEMBER 12 - 13,  
2005, AND IDAHO NATIONAL LABORATORY, AUGUST 29, 2005

Attached is a copy of the trip report describing trips to Fort Calhoun Power Plant and Idaho National Laboratory. Participants for the trips are George Adams, Robert Johnson and myself.

The objectives of the visits were to: (i) observe tests conducted by the utilities to identify spent fuel assemblies with cladding defects (e.g., sipping test); (ii) discuss equipment failure experience at the plant; (iii) understand the design and operations of the environmental control (i.e., inerting system); and (iv) understand spent fuel handling operations. These visits were in preparation of our review of a potential License Application for a nuclear waste repository at Yucca Mountain.

Attachment: U.S. Nuclear Regulatory Commission Trip Report

Contact: Tae Ahn, (301) 415-5812  
NMSS/HLWRS

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