

July 14, 2006

Michael T. Ryan, Chairman
Advisory Committee on Nuclear Waste
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Dear Dr. Ryan:

SUBJECT: RESPONSE TO THE ADVISORY COMMITTEE ON NUCLEAR WASTE'S
LETTER, DATED JUNE 8, 2006, ON FUTURE VOLCANISM AT YUCCA
MOUNTAIN - COMMENTS ON THE IGNEOUS INTRUSION SCENARIO

I am responding to your letter of June 8, 2006, entitled, "Future Volcanism at Yucca Mountain - Comments on the Igneous Intrusions Scenario." Your letter identified three Advisory Committee on Nuclear Waste (ACNW) recommendations related to a model for simultaneous activity at multiple vents, during a volcanic eruption.

The staff's responses to the three ACNW recommendations are enclosed. The staff will keep the Committee apprised of staff activities in this area.

Sincerely,

/RA William M. Dean Acting For/

Luis A. Reyes
Executive Director
for Operations

Enclosure:
Response to ACNW Letter
dated June 8, 2006

cc: Chairman Klein
Commissioner McGaffigan
Commissioner Merrifield
Commissioner Jaczko
Commissioner Lyons
SECY

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