



**UNITED STATES
NUCLEAR REGULATORY COMMISSION
ADVISORY COMMITTEE ON REACTOR SAFEGUARDS
WASHINGTON, DC 20555 - 0001**

February 18, 2009

MEMORANDUM TO: Michael F. Weber, Director
Office of Nuclear Material Safety and Safeguards

FROM: Edwin M. Hackett, Executive Director */RA/*
Advisory Committee on Reactor Safeguards

SUBJECT: JOURNAL PAPER ON VOLCANISM AT YUCCA MOUNTAIN

The enclosed paper has been accepted for publication by the Journal of Volcanology and Geothermal Research (JVGR). It was produced in support of the extensive volcanism review by the former Advisory Committee on Nuclear Waste and Materials (ACNW&M), which resulted in several letter reports to the Commission and the publication of NUREG-1890, "Evaluating Igneous Activity at Yucca Mountain: Technical Basis for Decisionmaking." The authors of the JVGR paper are Professor Bruce Marsh, from the Department of Earth and Planetary Sciences at Johns Hopkins University, who was a consultant to the former ACNW&M, and Neil Coleman, who is a Senior Staff Scientist on my staff.

Enclosure: As stated

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