

DEC 17 1993

Myron Uman, Project Leader
 Committee on Technical Bases
 for Yucca Mountain Standards
 National Academy of Sciences
 Room 456
 2001 Wisconsin Avenue, N.W.
 Washington, D.C. 20007

Dear Myron;

A number of presentations to the Committee have referred to or included discussion of the use of expert elicitation. Because of the importance of this issue in the licensing of a high-level waste disposal site, the U.S. Nuclear Regulatory Commission has been evaluating the potential use of expert elicitation in performance assessment in preparation for reviewing the Department of Energy's use of these techniques. Although our evaluation is still ongoing, I am providing eight copies each of two reports as you requested that discuss some early experience on this topic. These reports are NUREG/CR-5411, "Elicitation and Use of Expert Judgment in Performance Assessment for High-Level Radioactive Waste Repositories," and CNWRA 93-016, "Expert Elicitation of Future Climate in the Yucca Mountain Vicinity: Iterative Performance Assessment Phase 2.5."

Please contact me if I may be of additional assistance; I can be reached at (301) 504-3455.

Sincerely,

M
 Margaret V. Federline, Chief
 Hydrology and Systems Performance Branch
 Division of High-Level Waste Management, NMSS

Enclosures:
 As stated

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