

JC/DOE YUCCA MTN PROJ

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Mr. Dwight E. Shelor, Acting Associate Director  
for Systems and Compliance  
Office of Civilian Radioactive Waste Management  
U. S. Department of Energy, RW 30  
Washington, D.C. 20585

Dear Mr. Shelor:

SUBJECT: REVIEW OF U.S. DEPARTMENT OF ENERGY (DOE) YUCCA MOUNTAIN  
SITE CHARACTERIZATION PROJECT OFFICE (YMPO) ADMINISTRATIVE  
PROCEDURE AP-5.9Q

The U.S. Nuclear Regulatory Commission (NRC) staff has reviewed the following  
DOE document forwarded with the Desell/Linehan letter dated October 31, 1990:

YMPO Administrative Procedure AP-5.9Q "Qualification of Data or  
Data Analysis Not Developed Under the Yucca Mountain Project  
Quality Assurance Plan," Rev. 1, July 5, 1990.

Based on its review, the NRC staff has found that AP-5.9Q conforms with the  
NRC Generic Technical Position on Qualification of Existing Data for  
High-Level Waste Repositories, NUREG 1298, 1987. The staff considers that  
data and data analyses that are qualified using the process outlined in  
AP-5.9Q would generally be acceptable to support technical analyses and  
judgements. However, the staff plans to revisit AP-5.9Q soon after it is  
implemented to assure that the process does indeed produce usable information.

The submittal of this document addresses Comment No. 125 (ref. NRC Staff Site

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Characterization Analysis of DOE's Site Characterization Plan for the Yucca Mountain Site, Nevada, NUREG-1347, August 1989) relating to the qualification of existing data.

If you have any questions, please contact James T. Conway of my staff on 301/FTS 492-0453.

Sincerely,

(Original Signed by *Joseph J. Linehan*)

*for*  
John J. Linehan, Acting Director  
Repository Licensing and Quality  
Assurance Project Directorate  
Division of High-Level Waste Management  
Office of Nuclear Material Safety  
and Safeguards

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