

JC/DOE YUCCA MTN PROJ

MAY 16 1991

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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. Holovich*)

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

- cc: R. Loux, State of Nevada
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- S. Bradhurst, Nye County, NV
- M. Baughman, Lincoln County, NV
- D. Bechtel, Clark County, NV
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