



**Department of Energy**

Washington, DC 20585

**JUN 05 1991**

Mr. John J. Linehan  
Deputy Director  
Division of High-Level  
Waste Management  
Office of Nuclear Material  
Safety and Safeguards  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555

Dear Mr. Linehan:

On February 4, 1991, the Yucca Mountain Quality Assurance Division (YMQAD) completed its review and approval of the U.S. Geological Survey Quality Assurance Program Plan-01, Interim Change Notice (ICN) 2. The YMQAD approval is based on the determination that the change is consistent with the requirements as stated in the Office of Civilian Radioactive Waste Management Quality Assurance Requirements Document, Revision 4.

This letter serves as a formal notice of approval of the ICN 2 by the U.S. Department of Energy (DOE). The enclosed ICN 2 is forwarded to the U.S. Nuclear Regulatory Commission for information.

Should you have any questions, please contact Linda Desell of my office at (202) 586-1462.

Sincerely,

Dwight E. Shelor  
Acting Associate Director for  
Systems and Compliance  
Office of Civilian Radioactive  
Waste Management

**Enclosure:**

U.S. Geological Survey Quality Assurance Program Plan-01, Interim Change Notice 2

**cc w/Enclosure:**

- C. Gertz, YMPO
- R. Loux, State of Nevada
- M. Baughman, Lincoln County, NV
- D. Bechtel, Clark County, NV
- S. Bradhurst, Nye County, NV
- P. Niedzielski-Eichner, Nye County, NV
- K. Hooks, NRC

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YMP-USGS  
 INTERIM CHANGE NOTICE TO THE  
 QUALITY ASSURANCE PROGRAM PLAN

WBS #: 1.2.3.1  
 QA: QA  
 Page 1 of 1

ICN Number: ICN-2

Applies to YMP-USGS-QAPP-01, Rev. 5

Title: U.S. Geological Survey Quality Assurance Program Plan

REQUIRED CHANGES:

Para.      Changed to

2.5.5      Proficiency: Proficiency of personnel performing activities that affect quality is maintained through indoctrination and training. Indoctrination and training is verified through the audit, surveillance and trend program. Supervisors shall evaluate and assess the need for additional indoctrination and training as assignments, positions, and procedures change.

2.5.6      Records: Records of personnel qualification evaluations, indoctrination, and training shall be retained as lifetime QA records. These records shall be maintained in accordance with Federal regulations and include, as a minimum, the items listed hereafter:

- o Personnel Qualification Evaluation Records - Records of the verification and evaluation of a candidate's education, experience, and training, compared to those established for the position.
- o Indoctrination Records - Records of indoctrination, including the objective and content of the indoctrination, date(s) of indoctrination, and other applicable information.
- o Training Records - Records of training, including the objective(s) and content of the training, name of the instructor, attendees, dates of attendance, and other applicable information.

Effective Date: \_\_\_\_\_

Supersedes ICN No. N/A

*Michael D. Appel*      1/2/91  
 YMP-USGS Quality Assurance      Date  
 Manager

*Larry R. Hays*      01/02/91  
 Technical Project Officer      Date

*Mitchell W. Reynolds*      01-11-91  
 Chief, Office of Regional      Date  
 Geology

*V. A. Hill*      1/14/91  
 Assistant Chief Hydrologist      Date  
 for Program Coordination  
 and Technical Support

*Eugene H. Pischorn Jr.*      1/14/91  
 Assistant Director for      Date  
 Engineering Geology

*Signature for D. HORTON*      2/4/91  
 Project Quality Manager      Date  
 DOE Yucca Mountain Project