

**YUCCA MOUNTAIN  
PROJECT OFFICE**

**HOLMES & HARVER  
AUDIT 90-6**



Department of Energy  
 Yucca Mountain Project Office  
 P. O. Box 98608  
 Las Vegas, NV 89193-8608

**QA RECEIVED**

JUL 11 1990

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 QA

JUL 09 1990

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 Technical Project Officer  
 for Yucca Mountain Project  
 Holmes & Narver, Inc.  
 101 Convention Center Drive  
 Phase II, Suite P-280  
 Las Vegas, NV 89109

YUCCA MOUNTAIN PROJECT OFFICE (PROJECT OFFICE) QUALITY ASSURANCE (QA)  
 AUDIT 90-06 OF HOLMES AND NARVER, INC. (H&N), SUPPORT OF THE YUCCA MOUNTAIN  
 PROJECT

Please be advised that a team from the Project Office will conduct a QA audit of the H&N QA Program Plan and quality-related activities during the period July 31 through August 2, 1990. Current plans call for the audit team to hold an entrance meeting on July 31, 1990, beginning at 10 a.m. Please arrange for the appropriate personnel at your facility to attend this pre-audit conference. The post-audit conference is tentatively scheduled for 3 p.m. on August 2, 1990.

The audit will be limited to a review of activities in the following areas:

QA Program Elements

- 1.0 Organization
- 2.0 Quality Assurance Program
- 8.0 Identification and Control of Items, Samples, and Data
- 12.0 Control of Measuring and Test Equipment
- 13.0 Handling, Shipping, and Storage
- 16.0 Corrective Action
- 17.0 Quality Assurance Records
- 18.0 Audits

The following QA program elements (with rationale) will not be reviewed during the audit:

- 3.0 Scientific Investigation Control and Design Control—reviewed during Surveillance YMP-SR-90-022, conducted February 20-23, 1990.
- 4.0 Procurement Document Control—no activity.
- 5.0 Instructions, Procedures, Plans, and Drawings—no activity.
- 6.0 Document Control—no activity.
- 7.0 Control of Purchased Items and Services—no activity.
- 9.0 Control of Processes—no activity.
- 10.0 Inspection—no activity.
- 11.0 Test Control—no activity.
- 14.0 Inspection, Test and Operating Status—no activity.
- 15.0 Control of Nonconforming Items—no activity since April 1989.

YMP-5

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Technical Areas

No technical areas will be reviewed during this audit.

The audit team will consist of:

Frank J. Kratzinger, Audit Team Leader, Science Applications International Corporation, (SAIC), Las Vegas, Nevada  
Amelia I. Arceo, Auditor, SAIC, Las Vegas, Nevada  
Richard L. Weeks, Auditor, SAIC, Las Vegas, Nevada  
Charles C. Warren, Auditor, MAC Technical Services Company, Las Vegas, Nevada  
Don Hendrix, Auditor-in-Training, CER, Arlington, Virginia  
Steve P. Nolan, Auditor-in-Training, SAIC, Las Vegas, Nevada

Observers from the State of Nevada, Clark County of Nevada, U.S. Nuclear Regulatory Commission, U.S. Department of Energy/Headquarters, or other interested parties may accompany the audit team.

If you have any questions, please contact either James Blaylock at 794-7913 or Frank J. Kratzinger at 794-7163 of the Yucca Mountain Project QA staff.



Donald G. Horton, Director  
Quality Assurance  
Yucca Mountain Project Office

YMP:JB-3945

Enclosure:  
Audit Plan 90-06

JUL 09 1990

cc w/encl:

Robert Clark, HQ (FW-3) FORS  
D. E. Shelor, HQ (FW-3) FORS  
Ralph Stein, HQ (FW-30) FORS  
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