



Department of Energy  
Yucca Mountain Site Characterization  
Project Office

P. O. Box 98608  
Las Vegas, NV 89193-8608

WBS 1.2.11  
QA: N/A

OCT 14 1993

William C. Kopatich  
Technical Project Officer  
for Yucca Mountain Site  
Characterization Project  
Raytheon Services Nevada  
101 Convention Center Drive  
Suite P-250  
Las Vegas, NV 89109

VERIFICATION OF CORRECTIVE ACTION AND CLOSURE OF CORRECTIVE ACTION  
REQUEST (CAR) YM-93-080 RESULTING FROM YUCCA MOUNTAIN QUALITY ASSURANCE  
DIVISION (YMQAD) AUDIT YMP-93-13 OF RAYTHEON SERVICES NEVADA (SCP: N/A)

The YMQAD staff has verified the corrective action to CAR YM-93-080 and  
determined the results to be satisfactory. As a result, the CAR is  
considered closed.

If you have any questions, please contact either Robert B. Constable at  
794-7945 or Stephen R. Dana at 794-7176.

Richard E. Spence, Director  
Yucca Mountain Quality Assurance Division

YMQAD:RBC-287

Enclosure:  
CAR YM-93-080

cc w/encl:

- K. R. Hooks, NRC, Washington, DC
- S. W. Zimmerman, NWPO, Carson City, NV
- D. J. Tunney, RSN, Las Vegas, NV

cc w/o encl:

- J. W. Gilray, NRC, Las Vegas, NV
- N. J. Brogan, YMQAD/QATSS, Las Vegas, NV

180056

YMP-5

9310200043 931014  
PDR WASTE  
WM-11

PDR



102-7  
NRC-11  
NH03  
11  
Add: Ken Hooker et al Encl 1 1



**OFFICE OF CIVILIAN  
RADIOACTIVE WASTE MANAGEMENT  
U.S. DEPARTMENT OF ENERGY  
WASHINGTON, D.C.**

CAR NO. YM-93-080  
 DATE: 7/21/93  
 PAGE: 2 OF 2  
 QA

**CORRECTIVE ACTION REQUEST (Continuation Page)**

Adverse Condition (continued)

<u>MTL Request No.</u>	<u>MTL Lab. No.</u>	<u>Requested by</u>	<u>Material</u>
S-503	3259-3270	E. Mouser	Shotcrete
S-501	3213-3254	"	"
S-498	3277-3282	"	"
S-497	3271-3276	"	"
S-472	2976-3011	"	"
S-476	3038-3049	"	"
S-490	3168-3173	"	Grout
S-482	3077-3112	"	"
S-481	3074-3076	"	"
S-475	3035-3037	"	"
S-464	2949-2957	"	"
S-516	3387-3392	"	"
GT-98	3182-3189	J. Constable	Rock bolts/chain link fence

OFFICE OF CIVILIAN  
RADIOACTIVE WASTE MANAGEMENT  
U.S. DEPARTMENT OF ENERGY  
WASHINGTON, D.C.

CAR NO. YM-93-080

DATE: 8-23-93

PAGE: 1 OF 1

QA

**CORRECTIVE ACTION REQUEST (Continuation Page)**

A. REMEDIAL:

The RSN/YMP Procedure PP-11-01 will be clarified and the work initiated by RSN departments will be in accordance with Procedure PP-01-02.

PP-11-01 will be revised by September 30, 1993.

B. INVESTIGATIVE ACTIONS:

Negligible. Work Initiations (WI) are an RSN internal work control document. No RSN/YMP quality affecting items or work were affected.

C. ROOT CAUSE DETERMINATION:

No response required.

D. CORRECTIVE ACTION TO PRECLUDE RECURRENCE:

The procedural changes in YMP Procedure PP-11-01, in reference to the Work Initiations, will be completed and issued. Also, all other YMP participants requesting the test work will be required to follow AP-5.39Q procedural requirements.

Response Approved: \_\_\_\_\_

Lee E. Watson  
Responsible Manager

Date

8/23/93

