

Yucca Mountain Project
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Raytheon

RSN-YMP-825

WBS 1.2.7
QA

February 1, 1993

Donald G. Horton, Director
Office of Quality Assurance
HQ RW-3
U. S. Department of Energy
Washington, D.C. 20585

RESPONSE TO SURVEILLANCE YMP-SR-93-006

REFERENCE DOE LETTER OQA:RBC-1419, DATED DECEMBER 10, 1992, AND SURVEILLANCE REPORT YMP-SR-93-006

The intent of Surveillance Report YMP-SR-93-006 was to assess Raytheon's Material Testing Laboratory (MTL) ability to provide soils and concrete testing support for the Exploratory Studies Facility (ESF). During the course of the surveillance several concerns were identified as potential deficiencies which would require upgrading in order to provide adequate support for ESF. However, a subsequent review of the MTL certification and training records has revealed that the surveillance was fundamentally inaccurate and requires clarifications.

The following are Raytheon Services Nevada (RSN) responses to the three concerns identified in the report:

Concern No. 1. "Five out of eight files reviewed did not have objective evidence of any ASTM Standard training".

RSN Response: The five files mentioned above belong to the RSN Material Testing Geotechnical personnel. These technicians do not perform any soils and concrete testing; therefore, they are not required to certify on ASTM Standard for soils and concrete.

Concern No. 2. "The remaining three MTL personnel did contain objective evidence of being trained to ASTM Standards; however, four standards within the sample reviewed were not included".

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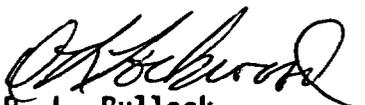
RSN Response: RSN certification files indicate that the MTL soils and concrete personnel are cognizant of the requirements of thirty-seven ASTM standards; however, only two of the ASTM Standards (ASTM D 4253-83 and ASTM D 4254-83) used for performance tests were not in the certification files. This was partly due to MTL's recent acquisition of the equipment necessary to perform these two tests. MTL personnel have now received the necessary training and certification for these two ASTM Standards.

Concern No. 3. "Although training to 24 ASTM Standards was available for these three employees, their certifications are restricted to only five ASTM Standards."

RSN Response: Although the certification and training file of each of the three MTL personnel contains a "Record of Certification" (dated March 2, 1992) restricting them to five ASTM Standards, another record of certification (dated May 20, 1992) in the same file clearly shows that these individuals were updated without any restrictions.

I would like to reiterate that the RSN Material Test Laboratory personnel do have the capability and the necessary training and certification to provide concrete and soils testing support for the ESF. We look forward to providing our MTL services upon request.

If you have any questions, please call L. E. Watson at (702) 295-5804.


R. L. Bullock
Yucca Mountain Operations Manager

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