

OFFICE OF CIVILIAN RADIOACTIVE WASTE MANAGEMENT  
YUCCA MOUNTAIN QUALITY ASSURANCE DIVISION  
QUALITY ASSURANCE SURVEILLANCE REPORT  
OF  
MANAGEMENT AND OPERATING CONTRACTOR  
WASTE ISOLATION EVALUATION  
SURVEILLANCE YMP-SR-94-006  
CONDUCTED IN LAS VEGAS, NEVADA  
OCTOBER 22, 1993

ACTIVITIES SURVEILLED:

MANAGEMENT AND OPERATING CONTRACTOR WASTE ISOLATION  
EVALUATION FOR SOLITARIO CANYON TRENCHING ACTIVITIES

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Donald G. Horton  
Director  
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## 1.0 INTRODUCTION

This surveillance of the Management and Operating (M&O) contractor Waste Isolation Evaluation for trenching activities in Solitario Canyon at the Yucca Mountain Site was conducted in Las Vegas, Nevada on October 22, 1993. During the surveillance, Test Planning Packages (TPPs) and Job Packages (JPs) were examined to ensure the inclusion of assessments of impacts to waste isolation.

## 2.0 PURPOSE AND SCOPE

Surveillance YMP-SR 94-006 was conducted in Las Vegas, Nevada to verify the inclusion of impacts to waste isolation conducted by the M&O were included in TPPs and JPs prior to beginning the field work in Solitario Canyon.

## 3.0 SURVEILLANCE TEAM

Kenneth T. McFall, Surveillance Team Leader, Yucca Mountain Quality Assurance Division

## 4.0 PERSONNEL CONTACTED DURING THE SURVEILLANCE

John Savino, Job Package Coordinator, Science Applications International Corporation  
James Houseworth, Site Test and Design Evaluation Group Leader, M&O

## 5.0 SURVEILLANCE RESULTS

During the surveillance, the requirements for conducting an Impact to Waste Isolation assessment were reviewed beginning with the requirement in the Surface-Based Testing Facilities Requirements Document, YMP-CM-0022. Paragraph 3.1, Requirements, in reference to TPPs, states in part, "...It contains or reference test interference and waste isolation impact analysis so that special tests can be identified." Further, Administrative Procedure AP-5.32Q, Revision 3, Test Planning and Implementation Requirements, Paragraph 2, second bullet of Attachment 8.2, Test Planning Package Outline, requires each test outline to address impacts to waste isolation. There is no requirement to include a Waste Isolation Impact Evaluation in JPs since JPs reference the associated TPP.

TPP 92-05, Quaternary Faulting in the Site Area, dated July 1992 was examined and Paragraph 2, second bullet was found to address Impacts to Waste Isolation as required. This evaluation pertained to the original work called for in the TPP. As the scope of the TPP was expanded to cover the trenching activities in Solitario Canyon, another waste isolation evaluation was required. This evaluation, Document B00000000-017-2200-00046, Revision 00, Waste Isolation Evaluation Solitario Canyon, dated August 3,1993 was conducted which satisfied the requirements of the preceding paragraph.

There were no Corrective Action Requests generated as a result of this surveillance.

6.0 RECOMMENDATIONS

None.

7.0 ATTACHMENTS

None.