



# CENTER FOR NUCLEAR WASTE REGULATORY ANALYSES QUALITY ASSURANCE SURVEILLANCE REPORT

PROJECT NO.: 20.06002.01.351-361	REPORT NO.: 2005-02	PAGE 1 OF 1
SURVEILLANCE SCOPE: Performance Assessment Element Activities: Methodology and Overall System Performance		
REFERENCE DOCUMENTS: QAP-001, Scientific Notebook Control; QAP-002, Review of CNWRA Documents, Reports and Papers; QAP-004, Surveillance Control; QAP-005, Quality Indoctrination and Training; and QAP-007, Professional Personnel Qualification.		
STARTING DATE: 12/20/04		ENDING DATE: 1/11/05
QA REPRESENTATIVE: Mark R. Ehnstrom <i>MRE</i>		
PERSONS CONDUCTING TEST/EXAM/ACTIVITY: S. Mohanty, R. Benke, O. Pensado, R. Janetzke, L. Howard, and O. Pevetko		
<p>SATISFACTORY FINDINGS:</p> <p>Surveillance started with a review of Quality Requirements Application Matrix (QRAM). The QRAM identified that the use of subcontractors and consultants would be required during project activities. The QRAM also identified software which would be used to provide additional risk insights. Personnel interviews started with a discussion with R. Janetzke, who was acting for the manager of the element. This discussion identified individual areas of responsibility and current activities.</p> <p><u>Consultants and Subcontractors</u></p> <p>Professional Personnel Qualification files for consultants and SwRI staff performing activities for the Performance Assessment Element were reviewed for compliance to QAP-005, "Quality Indoctrination and Training," and QAP-007, "Professional Personnel Qualification." The files were found to be complete and current. The files reviewed were for the following individuals: C. Sherer, M. Muller, M. Menchaca, A. Lozano, and R. Rice.</p> <p><u>Software Status and Activity:</u></p> <p>Codes currently used by staff members include SCALE Version 5, MCNP Version 5, and ORIGEN-ARP Version 2. At this time the validation process has started for both the SCALE and MCNP. These programs have been accepted for use by the NRC and will be validated based on that acceptance. Another code, LUDEP Version 2.07, which is used to evaluate dose conversion factors, has been purchased and is going through a preliminary evaluation phase.</p> <p><u>Scientific Notebooks:</u></p> <p>Entries made since the last scientific notebook recall were reviewed for Scientific Notebooks 573E and 663E. These entries were found to be compliant with QAP-001 requirements.</p>		
UNSATISFACTORY FINDINGS: None		
NONCONFORMANCE REPORT NO.: N/A		
CORRECTIVE ACTION REQUEST NO.: N/A		
ATTACHMENTS: None		
RECOMMENDATIONS/ACTIONS: None		
APPROVED: <i>[Signature]</i> CENTER DIRECTOR OF QUALITY ASSURANCE  DATE: 1/14/2005	DISTRIBUTION: ORIGINAL - QA Records CNWRA QA DIRECTOR ORIGINATOR PRINCIPAL INVESTIGATORS: N/A ELEMENT MANAGER: S. Mohanty B. Sagar	