



Southwest Research Institute®
Surveillance Report



IDENTIFICATION		
Submitted By: Brient, Robert D.	Date: 02-JUL-08	Report Number: 2008-SR-0207
Division: 20 - GEOSCIENCES & ENGINEERING 01.00: CNWRA	Project Number: 14002.01.021	
Quality Program: GED (20) QAM		
Associated Report: N/A		
Surveillance Scope: Review regulatory training and software validation status in preparation for License Application reviews.		
References: Controlled Software List, Regulatory Training Lists		
Starting Date: 04-JUN-08	Ending Date: 26-JUN-08	
Person(s) Conducting Test/Exam/Procedure: Various		
Satisfactory Findings: 1. CNWRA management determined that GED technical staff and managers needed training in the repository regulatory process. Training records were reviewed and the review confirmed that the designated individuals received the three part training and examination. Examinations were completed on July 1, 2008. 2. Certain scientific and engineering software have been identified by CNWRA managers for potential use in regulatory reviews and, therefore, requiring validation. Software validation status was reviewed for the designated software and validation had been completed at the time of surveillance with the following exceptions: ANSYS version 10 - validation in progress (T. Wilt) GSLIB version 2 - validation plan/report in review (A. Sun) LS-DYNA 970 - validation in progress (T. Wilt) ArcView version 3.3 - test cases performed, report needs completion (D. Waiting) Several changes were made to the Controlled Software List to update software needing or not needing validation.		
Unsatisfactory Findings: None		
Recommendations/Actions: None		
Equipment Calibration: N/A		
SwRI cc: Axler, Keith M (20), Chowdhury, Asadul H. (20), Dubreuilh, Philippe H (20), Ferrill, David A. (20), Lenhard, Robert J (20), Mackin, Patrick C. (20), Mohanty, Sitakanta (20), Patrick, Wesley C. (20), Percy, English C. (20), Sagar, Budhi (20), Simpkins, Ali A (20), Simpson, Michael T (20), Stamatakos, John A. (20), Walter, Gary R (20), Wittmeyer, Gordon W. (20)		
APPROVALS		
Management Approval: Sagar, Budhi	Date: 16-JUL-08	
Comments: No comments.		
QA Approval: Brient, Robert D.	Date: 16-JUL-08	