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Surveillance Report

IDENTIFICATION		
Submitted By: Brient, Robert D.	**Date:** 21-OCT-08	**Report Number:** 2008-SR-0337
Division: 20 - GEOSCIENCES & ENGINEERING 01.00: CNWRA		**Project Number:** 14002.01.021
Quality Program: GED (20) QAM		
Associated Report: N/A		
Surveillance Scope: Software Surveillance: Review of validation status for software that may be used to support license application reviews.		
References: Current Controlled Software List		
Starting Date: 20-OCT-08		**Ending Date:** 21-OCT-08
Person(s) Conducting Test/Exam/Procedure: Various		
Satisfactory Findings: In surveillance 2008-SR-0207 performed in July 2008, several unvalidated software items that may be used to support the Yucca Mountain repository license application review were identified. All other software identified for potential use to support license application reviews had been validated. Subsequently, GSLIB version 2 and ARCView version 3.3 have been validated. ANSYS version 10 and LS/DYNA 970 have not completed validation, however the Division 18 staff using these software tools may not be called upon to support the review. If their services are necessary, ANSYS and LS/DYNA will have their validations completed before use.		
Unsatisfactory Findings: None		
Recommendations/Actions: The MGFE manager should keep track of potential use of Division 18 staff and ANSYS and LS/DYNA to assure that validations are completed if the software is to be used.		
Equipment Calibration: None		
SwRI cc: Chowdhury, Asadul H. (20), Mohanty, Sitakanta (20), Patrick, Wesley C. (20), Sagar, Budhi (20), Simpkins, Ali A (20), Simpson, Michael T (20), Wilt, Thomas E (20), Wittmeyer, Gordon W. (20)		

APPROVALS	
Management Approval: Sagar, Budhi	**Date:** 24-OCT-08
QA Approval: Simpson, Michael T	**Date:** 24-OCT-08

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