GEOSCIENCES AND ENGINEERING DIVISION
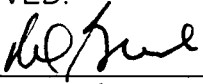# QUALITY ASSURANCE
SURVEILLANCE REPORT

PROJECT NO.:N/A	REPORT No.:2007-24	Page 1 of 1

SURVEILLANCE SCOPE: Software configuration and validation status, modification of 3DStress

REFERENCE DOCUMENTS: TOP-018, Development and Control of Scientific and Engineering Software

START DATE: November 23, 2007	END DATE: December 27, 2007	QA REPRESENTATIVE: Randolph Folck

PERSONS CONDUCTING ACTIVITY: R. Brient, R. Janetzke, J. Winterle, A. Morris, D. Waiting, T. Wilt, O. Pensado, A. Sun, G. Walter, S. Stothoff, S. Painter, P. LaPlante, A. Ghosh, C. Zalkin, D. Hooper

SATISFACTORY FINDINGS:

- The GED Controlled Software Directory appears to accurately reflect the software name and version of GED controlled software.

- Software that is intended to be used in regulatory review activities is either validated or in the process of being validated, except as noted below.

- Changes are being made to improve the efficiency of 3DStress, Version 3.1.1 and will be released as version 3.1.2. The developer (Division 07) has received training to TOP-018 as required. A Software Development Plan and Software Requirements Description are in-place on the project.

UNSATISFACTORY FINDINGS: None.

NCR NO.: None	CAR NO.: None

ATTACHMENTS: None

RECOMMENDATIONS/ACTIONS:
Assess intended use of the following software and validate as required.

GENII in Frames 1.5, Version 2.0	MEPAS in Frames 1.5, Version 4.1
ANSYS, Version 10	FLAC, Version 4
FLUENT, Version 6.2.16	GM-SYS, Version 4.10.64
KINEROS2, Version 1.12	NRC-WVDP-GIS, Version 1.1
OASIS MONTAJ, Version 6.3.1	ProShake, Version 1.1
SASSI 2000, Version 1.0	SOIL REUSE TOOL, 1.0Beta
Vnet PC 2000, 1.0.4	

APPROVED:	DISTRIBUTION:
DATE: 1/2/2008	ORIGINAL—QA RECORDS DIRECTOR, QA ASSISTANT DIRECTORs MANAGERs PRINCIPAL INVESTIGATORs: Janetzke, Morris, Painter