CENTER FOR NUCLEAR WASTE REGULATORY ANALYSES
QUALITY ASSURANCE
SURVEILLANCE REPORT

PROJECT NO: 20.06002.01.031	**REPORT NO:** 2003-18	**PAGE** __1__ **OF** __1__

SURVEILLANCE SCOPE: Development and control of scientific and engineering software

REFERENCE DOCUMENTS: TOP-018, Development and Control of Scientific and Engineering Software
QAP-004, Surveillance Control

STARTING DATE: September 15, 2003   **ENDING DATE:** October 14, 2003

QA REPRESENTATIVE: R. Folck   *Randy Folck*

PERSONS CONDUCTING TEST/EXAM/ACTIVITY: R. Janetzke, B. Winfrey, Bob Brient, N. Franklin, D. Stead, M. Padilla

SATISFACTORY FINDINGS:
QA record packages for the following CNWRA scientific and engineering software were reviewed:
- 3DStress, Version 3.0, August 15, 2003
- PCSA Tool, Version 2.0, June 25, 2003
- TPA, Version 5.0p, August 22, 2003
- TPA, Version 4.1jpd, September 3, 2003

No discrepancies identified except as noted below.

UNSATISFACTORY FINDINGS:
The following unsatisfactory findings *were corrected/addressed* during the course of the surveillance and no further action is required:
- A defect was identified during installation testing of 3DStress, Version 3.0, released August 15, 2003. If the software is installed on a Sun Solaris platform some help file names are truncated making those help pages inaccessible. A Software Change Report was not written nor was the customer notified of the defect and temporary work-around. Ref: TOP-018, 5.9.2 - 5.9.3.

- The PCSA Tool, Version 2.0 software was released June 25, 2003. Supporting Software Change Reports had not been included in the QA software record package. Ref: TOP-018, 6.1.

NONCONFORMANCE REPORT NO: None

ATTACHMENTS: None

RECOMMENDATIONS/ACTIONS: None

APPROVED: _____ CENTER DIRECTOR OF QUALITY ASSURANCE DATE: __10/17/03__	**DISTRIBUTION:** ORIGINAL - CENTER QA DIRECTOR/ QA RECORDS ORIGINATOR - R. Folck PRICIPAL INVESTIGATORS ELEMENT MANAGERS TECHNICAL & ADMINISTRATIVE DIRECTORS M. Ehnstrom