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CENTER FOR NUCLEAR WASTE REGULATORY ANALYSES QUALITY ASSURANCE SURVEILLANCE REPORT

PROJECT NO: 20-1402-159		REPORT NO: 00-03 <i>A</i> ^{Gen} _{2/28/2000}		PAGE <u>1</u> OF <u>1</u>	
SURVEILLANCE SCOPE: Development of		PVHA_YM, V1 0 3DStress, V1 3 1 (Port to Sun) TPA, V4 0 (Beta)			
REFERENCE DOCUMENTS: TOP-018, Development and Control of Scientific and Engineering Software					
STARTING DATE: December 31, 1999			ENDING DATE: February 23, 2000		
QA REPRESENTATIVE: R Folck <i>[Signature]</i>					
PERSONS CONDUCTING TEST/EXAM/ACTIVITY: R. Janetzke, J. Buckner, D. Ferrill, C. Connor, B. Mabrito					
SATISFACTORY FINDINGS: The Software Requirements Description (SRD) and/or Software Change Report(s) form the basis for code development and acceptance testing. The Software Development Plan (SDP) describes the processes used during the code development effort. Acceptance testing is documented via scientific notebook and/or Software Change Report. The Software Release Notice, Software Summary Form, and Design Verification Report are completed before release of code, except as noted below. NOTES 1 SDP not required for PVHA_YM, V1 0. Development initiated before the requirement for an SDP 2 The release of 3DStress, V1 3 1 (Port to Sun) is pending completion of acceptance testing 3 Acceptance testing for TPA, V4 0 Beta to be completed before final release of TPA, V4 0					
UNSATISFACTORY FINDINGS: Code changes included in TPA, V3 2 3, 3DStress, V1.3 1 and 3DStress, V1.3 2 represented minor enhancements or "bug" fixes. Design verification was not documented as required by TOP-018, Section 5.8					
NONCONFORMANCE REPORT NO: 2000-03					
ATTACHMENTS: None					
RECOMMENDATIONS/ACTIONS: None					
APPROVED: <i>[Signature]</i> CENTER DIRECTOR OF QUALITY ASSURANCE			DISTRIBUTION: ORIGINAL - CENTER QA DIRECTOR / QA Records ORIGINATOR - R. Folck PRINCIPAL INVESTIGATOR (above) ELEMENT MANAGERS B. Sagar, H. Garcia, M. Ehnstrom		
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