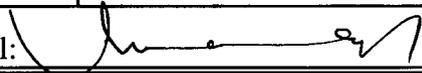


SOFTWARE RELEASE NOTICE

1. SRN Number: <b>268</b>		
2. Project Title: <i>Yucca Mountain Ventilation System</i>		Project No. <i>20-01402-671</i>
3. SRN Title: <i>Vnet PC 2000 (Version 1.0.4)</i>		
4. Originator/Requestor: <i>Troy Maxwell</i>		Date: <i>4-26-02</i>
5. Summary of Actions		
<input checked="" type="checkbox"/> Release of new software <input type="checkbox"/> Change of access software <input type="checkbox"/> Release of modified software: <input type="checkbox"/> Software Retirement  <input type="checkbox"/> Enhancements made <input type="checkbox"/> Corrections made		
6. Validation Status		
<input type="checkbox"/> Validated <input type="checkbox"/> Limited Validation <input checked="" type="checkbox"/> Not Validated                      Explain: <i>Recently acquired software Validation to be done.</i>		
7. Persons Authorized Access		
Name	Read Only/Read-Write	Addition/Change/Delete
<i>Troy Maxwell</i>	<i>Read Only</i>	
8. Element Manager Approval: 		Date: <i>5-24-02</i>
9. Remarks:		

SOFTWARE SUMMARY FORM

01. Summary Date: 4-26-02	02. Summary prepared by (Name and phone) <sup>2636</sup> Troy Maxwell 2012	03. Summary Action: New	
04. Software Date: 2000	05. Short Title: Vnet PC		
06. Software Title: Vnet PC 2000 (Version 1.0.4)		07. Internal Software ID: None	
08. Software Type: <input type="checkbox"/> Automated Data System <input checked="" type="checkbox"/> Computer Program <input type="checkbox"/> Subroutine/Module	09. Processing Mode: <input checked="" type="checkbox"/> Interactive <input type="checkbox"/> Batch <input type="checkbox"/> Combination	10. Application Area a. General: <input checked="" type="checkbox"/> Scientific/Engineering <input type="checkbox"/> Auxiliary Analyses <input type="checkbox"/> Total System PA <input type="checkbox"/> Subsystem PA <input type="checkbox"/> Other b. Specific:	
11. Submitting Organization and Address:  CNWRA/SwRI 6220 Culebra Road San Antonio, TX 78228		12. Technical Contact(s) and Phone: Mine Ventilation Services, Inc. 4946 East Yale Ave., Suite 103 Fresno, CA 93727 USA 1-559-452-0182	
13. Software Application: Ventilation system design analysis			
14. Computer Platform 95/48/2000 or NT	15. Computer Operating System: Pentium class or above	16. Programming Language(s): N/A	17. Number of Source Program Statements: N/A
18. Computer Memory Requirements: 16 MB	19. Tape Drives: N/A	20. Disk Units: N/A	21. Graphics: 32-Bit
22. Other Operational Requirements N/A			
23. Software Availability: <input checked="" type="checkbox"/> Available <input type="checkbox"/> Limited <input type="checkbox"/> In-House ONLY		24. Documentation Availability: <input checked="" type="checkbox"/> Available <input type="checkbox"/> Preliminary <input type="checkbox"/> In-House ONLY	
25. Software Developer: Mine Ventilation Services Date: 4-26-02			

CENTER FOR NUCLEAR WASTE REGULATORY ANALYSES  
QA VERIFICATION REPORT

FOR

→ ACQUIRED SOFTWARE NOT TO BE MODIFIED ←

Software Title/Name: Vnet PC 2000  
Version: 1.0.4  
Demonstration workstation: PC - workstation - Griffin  
Operating System: Windows NT 4.00.1381  
User: Troy Maxwell

NOTE: Acquired software may or may not meet all requirements and will be evaluated on a case-by-case basis.

Installation Testing [TOP-018, Section 5.6]

Has *installation testing* been conducted for each intended computer platform and operating system?

Yes:  No:  N/A:

Computer Platforms: PC Operating Systems: Windows NT

Location of Acceptance Test Results: ENRNT Notebook # 506

Comments: installation  
Pages 1-5.

Software Output [TOP-018, Section 5.5.4]

Is software designed so that individual runs are uniquely identified by date, time, name of software and version?

Yes:  No:  N/A:

Date and Time Displayed: Yes

Name/Version Displayed: None only

Comments: see attached

NOTE: Output identification content and format is typically taken as is.

Medium Documentation [TOP-018, Section 5.5.6]

The physical labeling of software medium (tapes, disks, etc.) contains: Program Name, Module/Name/Title, Module Revision, File type (ASCII, OBJ, EXE), Recording Date, and Operating System(s)?

Yes:  No:  N/A:

Comments:

**CENTER FOR NUCLEAR WASTE REGULATORY ANALYSES**  
**QA VERIFICATION REPORT**  
**FOR**  
**→ ACQUIRED SOFTWARE NOT TO BE MODIFIED ←**

**User Documentation** [TOP-018, Section 5.5.7]

Is there a Users' Manual for the software and is it up-to-date?

Yes:  No:  N/A:

User's Manual Version and Date: Version 1.0.4 No date

Comments: In QA Record

Are there basic instructions for the *installation* and *use* of the software?

Yes:  No:  N/A:

Location of Instructions: User's Manual

Comments:

**Configuration Control** [TOP-018, Section 5.7, 5.9.3]

Is the Software Summary Form (Form TOP-4-1) completed and signed?

Yes:  No:  N/A:

Date of Approval: 4/24/02

Is the list of files attached to the Software Summary Form complete and accurate?

Yes:  No:  N/A:

Comments: see QA Record

Is the source code available or, is the executable code available in the case of (acquired/commercial codes)?

Yes:  No:  N/A:

Location of Source Code: CD in QA Record

Comments:

Have all the script/make files and executable files been submitted to the Software Custodian?

Only the executable files are being submitted. ✓

Yes:  No:  N/A:

Location of executable files: CD in QA Record

Comments:

**CENTER FOR NUCLEAR WASTE REGULATORY ANALYSES**  
**QA VERIFICATION REPORT**  
**FOR**  
**→ ACQUIRED SOFTWARE NOT TO BE MODIFIED ←**

**Software Release** [TOP-018, Section 5.9]

Upon acceptance of the software as verified above, has a Software Release Notice (SRN), Form TOP-6 been issued and does the version number of the software match the documentation?

Yes:  No:  N/A:

SRN Number: 268

Comments:

**Software Validation** [TOP-018, Section 5.10]

Has a Software Validation Test Plan (SVTP) been prepared for the *range of application* of the software?

Yes:  No:  N/A:

Version and Date of SVTP: \_\_\_\_\_

Date Reviewed and Approved via QAP-002: \_\_\_\_\_

Comments: To be determined

Has a Software Validation Test Report (SVTR) been prepared that documents the results of the validation cases, interpretation of the results, and determination if the software has been validated?

Yes:  No:  N/A:

Version and Date of SVTR: \_\_\_\_\_

Date Reviewed and Approved via QAP-002: \_\_\_\_\_

Comments.: To be determined

Additional Comments:

[Signature] 6/3/02  
Software Evaluator/User/Date

[Signature] 6/3/02  
Software Custodian/Date

List of Files for VnetPC

R:/dir

Volume in drive R is VnetPC2000

Volume serial number is 30E6-A01A

Directory of drive R:\

01/01/01	12:00a	<Dir>	.
01/01/01	12:00a	<Dir>	..
07/28/00	02:26p	10,556,100	VNETPC~1.EXE

QA Verifiable Attachment.

Sample Output

VnetPC 2000  
D:\TMaxwell\WnetPC 2000\DOE\_Vent\_Sys.vnw  
Airflow (m<sup>3</sup>/s)  
Printed: 06/03/02 11:12:32

