

Department of Energy

Washington, DC 20585

SEP 1 6 1997

R. L. Strickler President and General Manager TRW Environmental Safety Systems, Inc. 2650 Park Tower Drive, Suite 800 Vienna, VA 22180

EVALUATION OF RESPONSE AND VERIFICATION OF CORRECTIVE ACTION AND CLOSURE OF PERFORMANCE REPORT (PR) YM-97-P-013

The Office of Quality Assurance staff has evaluated your response, verified the corrective action to PR YM-97-P-013 and determined the results to be satisfactory. As a result, the PR is considered closed.

If you have any questions, please contact either James Blaylock at (702) 794-1420 or James J. George at (202) 586-7220.

Donald G. Horton, Director Office of Quality Assurance

OQA:JB-2323

Enclosure: DR YM-97-P-013

cc w/encl: T. A. Wood, DOE/HQ (RW-55) FORS J. O. Thoma, NRC, Washington, DC S. W. Zimmerman, NWPO, Carson City, NV B. R. Justice, M&O, Las Vegas, NV R. A. Morgan, M&O, Las Vegas, NV R. W. Clark, DOE/OQA, Las Vegas, NV

cc w/o encl: W. L. Belke, NRC, Las Vegas, NV J. J. George, OQA/QATSS, Washington, DC D. G. Sult, OQA/QATSS, Las Vegas, NV

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1 Controlling Document: QAP-SI-0, Revision 1 and QAP-3-9, Revision 6		2 Rel NA	2 Related Report No. NA	
3 Responsible Organization: M&O WM&I/Science and Engineering	4 Discussed With: M. Wisenburg/D.Land	caster		
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OFFICE OF CIVILIAN RADIOACTIVE WASTE MANAGEMENT U.S. DEPARTMENT OF ENERGY WASHINGTON, D.C. PR/DR NO. YM-97-P-013 PAGE 2 OF 3 QA: L

PERFORMANCE/DEFICIENCY REPORT RESPONSE

14 Remedial Actions:

The Software Qualification Report for the validation of CSASIX Module of SCALE 4.2 has been re-evaluated. It has been determined that the module did meet all the qualification testing criteria and is therefore acceptable for use in applications that are subject to the QARD requirements. Therefore, no adverse impact on the design analyses for which the software was used resulted from its qualification concurrent with its use or from its use prior to baselining. No further action is required.

15 Extent of Condition: (Not required for PR)	<u> </u>		
Not Required			
16 Root Cause Determination: (Not required for PR)	Required:	🗌 Yes 🔽 No	
17 Action to Preclude Recurrence: (Not required for PR)	Required:	Yes V No	
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	\cap		
18 Corrective Action Completion Due Date: 19 Respor		·	
To conective Action completion Due Date. 19 Respon	ise by.		
Complete	Keyner	Date 8/18/97	Phone 703) 204-8682
20 Response Accepted	ZIRespon	nse Accepted (N/A for PF	Ŋ
DAR Somes GEORGE / Sam Scing Date 8/27/97	DOQA	NIH	Date
Exhibit AP-16.10.2			Rev. 06/02/97

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NO. YM-97-P-013 PAGE 3 OF 3 QA: L

PR/DR CONTINUATION PAGE

VERIFICATION OF CORRECTIVE ACTION IMPLEMENTATION

Based on review of objective evidence such as the Software Qualification Report (SQR), QAP-3-9 design analyses using the software module, baseline documentation, and interviews with personnel relative to the reevaluation of the SQR to determine acceptability of the module for use in work subject to QARD requirements, the actions required to complete corrective action for the PR are complete and no adverse impact was found to have resulted from use of the software prior to completion of baseline activities.

Verified by: JAMES GEORGE James Ceorge.

Date: 8/27/97