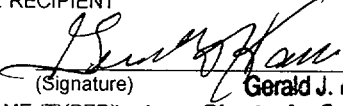
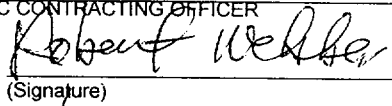


**U.S. NUCLEAR REGULATORY COMMISSION
NOTICE OF GRANT/ASSISTANCE AWARD**

1. GRANT/AGREEMENT NO. NRC-04-97-067		2. MODIFICATION NO. 7		3. PERIOD OF PERFORMANCE FROM: 10/1/97 TO: 12/31/2002		4. AUTHORITY Pursuant to Section 31a and 141b of the Atomic Energy Act of 1954, as amended	
5. TYPE OF AWARD <input type="checkbox"/> GRANT <input type="checkbox"/> COOPERATIVE AGREEMENT		6. ORGANIZATION TYPE		7. RECIPIENT NAME AND ADDRESS University of Virginia Department of Electrical Engineer School of Engineering & Applied Science Thorton Hall Charlottesville, VA 22903-2442			
8. PROJECT TITLE: Embedded Real-Time Safety-Critical Digital Systems							
9. PROJECT WILL BE CONDUCTED PER GOVERNMENT'S/RECIPIENT'S PROPOSAL(S) DATED 10/8/2001 AND APPENDIX A-PROJECT GRANT PROVISIONS		10. TECHNICAL REPORTS ARE REQUIRED <input checked="" type="checkbox"/> PROGRESS AND FINAL <input type="checkbox"/> FINAL ONLY <input type="checkbox"/> OTHER (Conference Proceedings)		11. PRINCIPAL INVESTIGATOR(S) NAME AND ADDRESS Barry W. Johnson Professor of Electrical and Computer Engineering, Thorton Hall 351 McCormick Road, PO Box 400743 Charlottesville, VA 22904-4743			
12. NRC PROGRAM OFFICE (NAME, ADDRESS) John Calvert U.S. Nuclear Regulatory Commission Office of Nuclear Regulatory Research Washington, DC 20555		13. ACCOUNTING APPROPRIATION DATA APPN. NO: 31X0200.260 BR NO: 26015110195 JOB CODE: K6907 BOC NO: 4110 OFFICE ID NO: RES-C02-009		14. METHOD OF PAYMENT <input type="checkbox"/> ADVANCE BY TREASURY CHECK <input type="checkbox"/> REIMBURSEMENT BY TREASURY CHECK <input type="checkbox"/> LETTER OF CREDIT <input checked="" type="checkbox"/> OTHER (SPECIFY) ACH (See Attach. 30 in Appendix A - "Electronic Payment")			
15. NRC OBLIGATION FUNDS THIS ACTION \$175,000.00 PREVIOUS OBLIGATION \$1,525,000.00 TOTAL \$1,700,000.00		16. TOTAL FUNDING AGREEMENT NRC \$1,875,000.00 This action provides funds for Fiscal Year 02 in the amount of \$175,000.00 RECIPIENT 0 TOTAL \$1,875,000.00					
17. NRC ISSUING OFFICE (NAME AND ADDRESS) U.S. Nuclear Regulatory Commission Division of Contracts and Property Mgt. Attn: T-7-I-2 Contract Management Branch Washington DC 20555							
18. RECIPIENT  (Signature) <u>Gerald J. Kane</u> (Date) NAME (TYPED) <u>Assistant Director for Grants and Contracts</u> <u>University of Virginia</u> TITLE <u>Office of Sponsored Programs</u> TELEPHONE NO. <u>PO Box 400195</u> <u>434-924-4270</u> <u>Charlottesville, VA 22904-4195</u>				19. NRC CONTRACTING OFFICER  (Signature) <u>Mary H. Mace</u> (Date) <u>2/1/02</u> NAME (TYPED) <u>Mary H. Mace</u> TITLE <u>Contracting Officer</u> TELEPHONE NO. <u>301-415-7314</u>			
20. PAYMENT INFORMATION Payment will be made within thirty (30) days after receipt of the billing unless the bill is improper or the recipient has failed to comply with the program objectives, award conditions, Federal reporting requirements or other conditions specified in OMB Circular A-110. Payment will be made by: _____ Vouchers should be submitted in an original and three (3) copies on form 270 to: U.S. Nuclear Regulatory Commission Office of the Chief Financial Officer Attn: GOV/COM Acctng. Section T-9H4 Washington DC 20555							
21. Attached is a copy of the "NRC General Provisions for Grants and Cooperative Agreements Awarded to Institutions of Higher Education and Other Nonprofit Organizations". Acceptance of these terms and conditions is acknowledged when Federal funds are used on this project.							
22. ORDER OF PRECEDENCE In the event of a conflict between the recipient's proposal and this award, the terms of the Award shall prevail.							
23. By this award, the Recipient certifies that payment of any audit-related debt will not reduce the level of performance of any Federal Program							

U.S. Nuclear Regulatory Commission
Cooperative Agreement No. NRC-04-97-067
Modification No. 7

The purpose of this modification is to: (1) revise the statement of work to incorporate additional work in accordance with the contractor's proposal dated October 8, 2001, which is hereby incorporated by reference, (2) increase the ceiling amount by \$350,000 from \$1,525,000 to \$1,875,000.00, (3) increase the obligated amount by \$175,000 from \$1,525,000 to \$1,700,000, and (4) extend the period of performance through December 31, 2002. Accordingly, the cooperative agreement is modified as follows:

1. The contractor shall perform the work described in the contractor's proposal dated October 8, 2001, is hereby incorporated by reference and made a part of this contract.
2. The period of performance of this contract is October 1, 1997 through December 31, 2002.

All other terms and conditions of this cooperative agreement remain unchanged.

A summary of obligations for this Cooperative Agreement, from the award date through the date of this action is provided below:

Total FY 97 Obligations:	\$325,000
Total FY 98 Obligations:	\$250,000
Total FY 99 Obligations:	\$250,000
Total FY 00 Obligations:	\$350,000
Total FY 01 Obligations:	\$350,000
Total FY 02 Obligations:	\$175,000
 Cumulative Obligations:	 \$1,700,000

This modification obligates FY 02 funds in the amount of \$175,000.