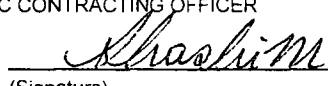


**U.S. NUCLEAR REGULATORY COMMISSION
NOTICE OF GRANT/ASSISTANCE AWARD**

1. GRANT/AGREEMENT NO. NRC-38-09-930	2. MODIFICATION NO. M003	3. PERIOD OF PERFORMANCE FROM: 7/1/09 TO: 6/30/2014	4. AUTHORITY Pursuant to Section 31b and 141b of the Atomic Energy Act of 1954, as amended
5. TYPE OF AWARD <input checked="" type="checkbox"/> GRANT <input type="checkbox"/> COOPERATIVE AGREEMENT	6. ORGANIZATION TYPE Public State-Controlled Institution of Higher ED NAICS: 611210 DUNS: 003137015		7. RECIPIENT NAME, ADDRESS, and EMAIL ADDRESS VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY VIRGINIA TECH 1880 PRATT DR STE 2006 BLACKSBURG VA 240606750
8. PROJECT TITLE: Undergraduate Nuclear Fellowship Award			
9. PROJECT WILL BE CONDUCTED PER GOVERNMENT'S/RECIPIENT'S PROPOSAL(S) DATED January 22, 2009 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, ADDRESS and EMAIL ADDRESS VIRGINIA POLYTECHNICAL INSTITUTE DR. EUGENE F. BROWN MECHANICAL ENGINEERING DEPT. 112 RANDOLPH HALL (0238) BLACKSBURG VA 24061 EMAIL: efbrown@vt.edu	
12. NRC PROGRAM OFFICE (NAME and ADDRESS) U.S. Nuclear Regulatory Commission Office of Chief Human Capital Attn: Nancy Hebron-Isreal MS: TWPN/3A12 (301) 287-0718 11545 Rockville Pike Rockville, MD 20852 Email: Nancy.Hebron-Isreal@nrc.gov	13. ACCOUNTING and APPROPRIATION DATA APPN. NO: 31x0200 B&R NO: 2009-84-51-K-164 JOB CODE: T8460 BOC NO: 4110 OFFICE ID NO: HR-13-382		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) Electronic ASAP.gov (See Remarks in Item #20 "Payment Information")
15. NRC OBLIGATION FUNDS THIS ACTION \$0.00 PREVIOUS OBLIGATION \$399,948.00 TOTAL \$399,948.00		16. TOTAL FUNDING AGREEMENT NRC \$399,948.00 RECIPIENT \$20,800 TOTAL \$420,748.00 This action provides funds for Fiscal Year 2013 in the amount of \$0.00	
17. NRC ISSUING OFFICE (NAME, ADDRESS and EMAIL ADDRESS) U.S. Nuclear Regulatory Commission Div. of Contracts Attn: Gordana.zuber@nrc.gov Mail Stop: TWB-01-B10M Rockville, MD 20852			
18. Acceptance of or objections to the Terms and Conditions of Award must be Emailed to the NRC Issuing Office (Block #17) within three (3) business days following the Award issue date. NRC considers lack of response as acceptance by the grantee of the terms and conditions of award.		19. NRC CONTRACTING OFFICER <div style="text-align: center;"> (Signature) 06/25/13 (Date)</div> <div style="text-align: center;">NAME (TYPED) <u>Shashi Malhotra</u> TITLE <u>Contracting/Grant Officer</u> TELEPHONE NO. <u>301-492-3604</u></div>	
20. PAYMENT INFORMATION Payment will be made through the Automated Standard Application for Payment (ASAP.gov) unless the recipient has failed to comply with the program objectives, award conditions, Federal reporting requirements or other conditions specified in 2 CFR 215 (OMB Circular A110).			
21. Attached is a copy of the "NRC General Provisions for Grants and Cooperative Agreements Awarded to Non-Government Recipients. 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.			

TEMPLATE - ADM001

SUNSI REVIEW COMPLETE

JUL 10 2013

ADM002

DESCRIPTION OF MODIFICATION:

The purpose of this modification M003 is:

1. Extend the period of performance; at no additional cost to the government.

As a result of this modification:

1.
 - A. Block 3 of the US Nuclear Regulatory Commission, Notice of Grant Assistance Award, delete in its entirety and replace with the following:
"PERIOD OF PERFORMANCE
FROM: 07/01/2009 TO: 06/30/2014"
 - B. ATTACHMENT A – SCHEDULE, Section A.2 PERIOD OF GRANT, delete in its entirety and replace with the following:

"1. The effective date of this Grant is July 1, 2009. The estimated completion date of this Grant is June 30, 2014.

2. Funds obligated in this grants are available for program expenditures for the estimated period: July 1, 2009 – June 30, 2014."

Base Period: July 1, 2009 – June 30, 2014 (changed)
Total Agreement Amount: \$399,948.00 (unchanged)
Total Obligated Amount: \$399,948.00 (unchanged)

All terms and conditions remain the same.