

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

1. GRANT/AGREEMENT NO. NRC-38-10-930	2. MODIFICATION NO. M003	3. PERIOD OF PERFORMANCE FROM: 5/1/2010 TO: 4/30/2013	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: 611310 DUNS: 042092122	7. RECIPIENT NAME, ADDRESS, and EMAIL ADDRESS North Carolina State University Department of Nuclear Engineering 1110 Burlington Engineering Laboratory Raleigh, NC 27603														
8. PROJECT TITLE: <p align="center">Nuclear Engineering Faculty Development Project</p>																
9. PROJECT WILL BE CONDUCTED PER GOVERNMENT'S/RECIPIENT'S PROPOSAL(S) DATED See Program Description 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 North Carolina State University Attn: Dr. John Mattingly Department Head, Department of Nuclear Engineering Email: jkmattin@ncsu.edu (505) 228-1193														
12. NRC PROGRAM OFFICE (NAME and ADDRESS) NRC Attn: Nancy Hebron-Isreal Office of Human Resources MS: GW5A6 (301) 492-2313 11545 Rockville Pike Rockville, Maryland 20852 Email: Nancy.Hebron-Isreal@nrc.gov	13. ACCOUNTING and APPROPRIATION DATA APPN. NO: 31X0200 B&R NO: 2012-84-51-K-164 JOB CODE: T8460 BOC NO: 4110 OFFICE ID NO: HR-12-266	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 <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;">THIS ACTION</td> <td align="right">\$0.00</td> </tr> <tr> <td>PREVIOUS OBLIGATION</td> <td align="right">\$450,000.00</td> </tr> <tr> <td>TOTAL</td> <td align="right">\$450,000.00</td> </tr> </table>	THIS ACTION	\$0.00	PREVIOUS OBLIGATION	\$450,000.00	TOTAL	\$450,000.00	16. TOTAL FUNDING AGREEMENT <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:40%;">NRC</td> <td align="right">\$450,000.00</td> <td rowspan="3" style="vertical-align: top; padding-left: 20px;">This action provides funds for Fiscal Year in the amount of See Page Two</td> </tr> <tr> <td>RECIPIENT</td> <td align="right">\$150,000.00</td> </tr> <tr> <td>TOTAL</td> <td align="right">\$600,000.00</td> </tr> </table>			NRC	\$450,000.00	This action provides funds for Fiscal Year in the amount of See Page Two	RECIPIENT	\$150,000.00	TOTAL	\$600,000.00
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17. NRC ISSUING OFFICE (NAME, ADDRESS and EMAIL ADDRESS) U.S. Nuclear Regulatory Commission Div. of Contracts Attn: Mark Lohrmann - Mark.Lohramnn@nrc.gov Mail Stop: TWB-01-B10M Rockville MD 20852																
18. Signature Not Required	19. NRC CONTRACTING OFFICER <table style="width:100%; border-collapse: collapse;"> <tr> <td align="center" colspan="2"> </td> </tr> <tr> <td align="center">(Signature)</td> <td align="center">8/02/2012 (Date)</td> </tr> <tr> <td>NAME (TYPED)</td> <td>Mark Lohrmann</td> </tr> <tr> <td>TITLE</td> <td>Contracting Officer</td> </tr> <tr> <td>TELEPHONE NO.</td> <td>301-492-3461</td> </tr> </table>					(Signature)	8/02/2012 (Date)	NAME (TYPED)	Mark Lohrmann	TITLE	Contracting Officer	TELEPHONE NO.	301-492-3461			
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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

ADM002

The purpose of this modification is to acknowledge the below "Revised Budget" of grant funds, as follows:

Category	Original Budget	Change	Revised Budget
Salaries	\$ 164,902.00	(30,569.00)	\$134,333.00
Fringe Benefits	36,315.00	(7,109.00)	29,206.00
Supplies		41,660.00	41,660.00
Domestic Travel	21,435.00	11,856.00	33,291.00
Foreign Travel			
Current Services		1,225.00	1,225.00
Fixed Charges		73.00	73.00
Equipment	61,417.00	31,299.00	92,716.00
Student Aid	56,832.00	(56,832.00)	
Indirect Costs	109,099.00	8,397.00	117,496.00
Total Costs	\$ 450,000.00	\$ 0	\$450,000.00

All other terms and conditions remain unchanged.