

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

1. GRANT/AGREEMENT NO. NRC-HQ-12-G-38-0040		2. MODIFICATION NO. M002		3. PERIOD OF PERFORMANCE FROM: 04/01/2012 TO: 03/31/2015		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 Education DUNS: 042092122 NAICS: 611310		7. RECIPIENT NAME, ADDRESS, and EMAIL ADDRESS North Carolina State University 2701 Sullivan Drive Administrative Services Building III, MS 7514 Raleigh, NC 27695 <u>sps@ncsu.edu</u>			
8. PROJECT TITLE: Academic Career Development for a Nuclear Engineering Junior Faculty at North Carolina State University							
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 Attn: Dr. Igor Bolotnov North Carolina State University 3141 Burlington Engineering Laboratory Raleigh, NC 27695 <u>Igor_bolotnov@ncsu.edu</u> (919) 515-2356			
12. NRC PROGRAM OFFICE (NAME and ADDRESS) NRC Attn: Nancy Hebron-Isreal Office of Chief Human Capital Officer MS: GW5E03 (301) 492-2231 11545 Rockville Pike Rockville, MD 20852 <u>Nancy.Hebron-Isreal@nrc.gov</u>		13. ACCOUNTING and APPROPRIATION DATA APPN. NO: 31X0200 B&R NO: 2012-84-51-K-164 JOB CODE: T8459 BOC NO: 4110 OFFICE ID NO: HR-13-021		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		16. TOTAL FUNDING AGREEMENT					
THIS ACTION		\$0.00		NRC		\$385,000.00	
PREVIOUS OBLIGATION		\$385,000.00		RECIPIENT		\$85,733.00	
TOTAL		\$385,000.00		TOTAL		\$470,733.00	
17. NRC ISSUING OFFICE (NAME, ADDRESS and EMAIL ADDRESS)  U.S. Nuclear Regulatory Commission Div. of Contracts Attn: Mark Lohrmann ( <u>Mark.lohrmann@nrc.gov</u> ) Mail Stop: TWB-01-B10M Washington, DC 20555							
18.  Signature Not Required				19. NRC CONTRACTING OFFICER  <div style="display: flex; justify-content: space-between;"> <div> <u>Mark Lohrmann</u> (Signature) NAME (TYPED)           </div> <div> <u>11/07/2012</u> (Date)           </div> </div> <div style="display: flex; justify-content: space-between;"> <div>             TITLE              Contracting Officer           </div> <div>             TELEPHONE NO. 301-492-3164           </div> </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**

**ADM002**

**DESCRIPTION OF MODIFICATION**

The purpose of this modification number M002 is as follows:

- 1) The budget for NRC grant funds under A.3 is hereby revised as follows:

<b>Cost Category</b>	<b>Original Budget</b>	<b>NRC Approved Change</b>	<b>Revised Budget</b>
<b>Personnel</b>	<b>\$147,217</b>	<b>(15,222)</b>	<b>\$131,995</b>
<b>Fringe Benefits</b>	<b>38,009</b>	<b>(4,977)</b>	<b>33,032</b>
<b>Travel- Domestic</b>	<b>15,000</b>	<b>9,000</b>	<b>24,000</b>
<b>Travel- Foreign</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Equipment</b>	<b>40,000</b>	<b>-</b>	<b>40,000</b>
<b>Supplies &amp; Materials</b>	<b>1,813</b>	<b>36,204</b>	<b>38,017</b>
<b>Publication Costs</b>	<b>3,000</b>	<b>1,500</b>	<b>4,500</b>
<b>Tuition &amp; Fees</b>	<b>39,492</b>	<b>(39,492)</b>	<b>-</b>
<b>Total Direct Costs</b>	<b>284,531</b>	<b>(12,987)</b>	<b>\$271,544</b>
<b>Indirect Costs</b>	<b>100,469</b>	<b>12,987</b>	<b>113,456</b>
<b>TOTAL COSTS</b>	<b>\$385,000</b>	<b>\$0</b>	<b>\$385,000</b>

All other grant terms and conditions remain unchanged