

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

1. GRANT/AGREEMENT NO. NRC-HQ-12-G-38-0046		2. MODIFICATION NO. M001		3. PERIOD OF PERFORMANCE FROM: 04/01/2012 TO: 03/31/2014		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  DUNS : 004514360 Private Institute NAICS : 611310		7. RECIPIENT NAME, ADDRESS, and EMAIL ADDRESS UNIVERSITY OF PITTSBURGH 123 UNIVERSITY PLACE PITTSBURGH PA 15213-2303			
8. PROJECT TITLE: Course Development to Support Masters of Science Degree Program in Nuclear Engineering							
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 University of Pittsburgh Attn: Dr. Daniel G. Cole Dept. of Mechanical Engineering and Materials Science 3700 O'Hara Street Pittsburgh, PA 15261 email: dgcole@pitt.edu (412)624-3059			
12. NRC PROGRAM OFFICE (NAME and ADDRESS) US Nuclear Regulatory Commission Office of Human Resources Attn: Tanya Parwani-Jaimes Mail Stop: 3 A44 (301)287-0730 Washington DC 20555		13. ACCOUNTING and APPROPRIATION DATA APPN. NO: 31X0200 B&R NO: 2012-84-51-K-164 JOB CODE: T8458 BOC NO: 4110 OFFICE ID NO: HR-13-237		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 <u>\$0.00</u>  PREVIOUS OBLIGATION <u>\$200,000.00</u>  TOTAL <u>\$200,000.00</u>		16. TOTAL FUNDING AGREEMENT  NRC <u>\$200,000.00</u>  RECIPIENT <u>\$0.00</u>  TOTAL <u>\$200,000.00</u>  This action provides funds for Fiscal Year 2012 in the amount of 0					
17. NRC ISSUING OFFICE (NAME, ADDRESS and EMAIL ADDRESS)  U.S. Nuclear Regulatory Commission Div. of Contracts Attn: Shashi Malhotra, 301-492-3604 Mail Stop: TWB-01-B10M Washington, DC 20555 email: Shashi.Malhotra@nrc.gov							
18.  Signature not required.				19. NRC CONTRACTING OFFICER  <div style="display: flex; justify-content: space-between;"><div><i>Shashi Malhotra</i> (Signature) NAME (TYPED) Shashi Malhotra TITLE Grants/Contracting Officer TELEPHONE NO. 301-492-3604</div><div>02/27/13 (Date)</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.							

**SUNSI REVIEW COMPLETE**

**TEMPLATE - ADMIN**

**ADMC02**

The purpose for modification number M001 is to:

1. Change the existing Principal Investigator:

- A. Block 11 of the US Nuclear Regulatory Commission, Notice of Grant Assistance Award, delete in its entirety and replace with the following:

"University of Pittsburgh  
Department of Mechanical Engineering and Materials Science  
Attn: Dr. Daniel G. Cole  
3700 O'Hara Street.  
Pittsburgh, PA 15261  
Email: [dgcole@pitt.edu](mailto:dgcole@pitt.edu) "

Base Period: April 1, 2012 – March 31, 2014

Assistance Award Ceiling: \$200,000.00

Total Obligated Amount: \$200,000.00

All other terms and conditions remain unchanged.

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