

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

1. GRANT/AGREEMENT NO. NRC-HQ-11-G-38-0043	2. MODIFICATION NO. M002	3. PERIOD OF PERFORMANCE FROM: 8/22/2011 TO: 8/31/2013	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 DUNS: 608195277 NAICS: 611310	7. RECIPIENT NAME, ADDRESS, and EMAIL ADDRESS The University of North Carolina Chapel Hill 104 Airport Drive, Suite 2200, CB#1350 Chapel Hill, NC 27599	
8. PROJECT TITLE: Introducing Nuclear Geology: Course Modules and Student Research Using Gamma Spectrometry			
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 North Carolina Chapel Hill Attn: Larry K. Benninger Professor of Geological and Marine Sciences Email: lbenning@email.unc.edu 919-962-0699	
12. NRC PROGRAM OFFICE (NAME and ADDRESS) NRC Attn: Tanya Parwani-Jaimes Office of Human Resources MS: GW5A06 (301) 492-2308 11545 Rockville Pike Rockville, Maryland 20852 Email: Tanya.Parwani-Jaimes@NRC.GOV	13. ACCOUNTING and APPROPRIATION DATA APPN. NO: 31X0200 B&R NO: 2011-84-51-K-134 JOB CODE: T8453 BOC NO: 4110 OFFICE ID NO: HR-12-313	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>\$83,782.00</u> TOTAL <u>\$83,782.00</u>		16. TOTAL FUNDING AGREEMENT NRC <u>\$83,782.00</u> RECIPIENT _____ TOTAL <u>\$83,782.00</u> This action provides funds for Fiscal Year _____ in the amount of <u>See Page Two</u>	
17. NRC ISSUING OFFICE (NAME, ADDRESS and EMAIL ADDRESS) U.S. Nuclear Regulatory Commission Div. of Contracts Attn: Shashi Malhotra Email: Shashi.Malhotra@NRC.GOV Mail Stop: TWB-01-B10M Rockville MD 20852			
18. Signature Not Required		19. NRC CONTRACTING OFFICER <div style="text-align: right;"><u>Shashi Malhotra</u> <u>07/20/12</u></div> <div style="display: flex; justify-content: space-between;">(Signature)(Date)</div> <div>NAME (TYPED) <u>Shashi Malhotra</u></div> <div>TITLE <u>Grants/Contracting Officer</u></div> <div>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

ADM002

DESCRIPTION OF MODIFICATION:

The purpose for modification number 002 is to:

1. Extend the period of performance:

- 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: 08/22/2011 TO: 08/31/2013"

- B. ATTACHMENT A – SCHEDULE, Section A.2 PERIOD OF THE GRANT, delete in its entirety and replace with the following:

"1. The effective date of this Grant is August 22, 2011. The estimated completion date of this Grant is August 31, 2013.

"2. Funds obligated in this grants are available for program expenditures for the estimated period: August 22, 2011- August 31, 2013."

2. Revise the Budget:

ATTACHMENT A – SCHEDULE, Section A.3 BUDGET, delete in its entirety and replace with the following:

	Year 1
Personnel	\$18,542.00
Fringe Benefits	\$ 3,125.00
Travel	\$ 500.00
Equipment	\$ 37,877.00
Supplies	\$ 8,050.00
Other	\$ 800.00
Total Direct Cost	\$ 68,894.00
Indirect Cost	\$ 14,888.00
Yearly Total	\$83,782.00

Base Period: August 22, 2011- August 31, 2013
Assistance Award Ceiling: \$83,782.00
Total Obligated Amount: \$83,782.00

All other terms and conditions remain unchanged.