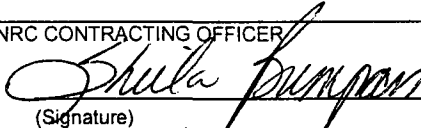


U.S. NUCLEAR REGULATORY COMMISSION

NOTICE OF GRANT/ASSISTANCE AWARD

1. GRANT/AGREEMENT NO. NRC-38-09-972	2. MODIFICATION NO. M004	3. PERIOD OF PERFORMANCE FROM: 9/1/2009 TO: 5/31/2012	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: 042629816 NAICS: 611310	7. RECIPIENT NAME, ADDRESS, and EMAIL ADDRESS Clemson University 300 Bracket Hall, Box 345702 Pickens, SC 29634	
8. PROJECT TITLE: Development of Coupled On-Line and Hands-On Radiation Detection and Radiochemistry Laboratory Course			
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 Dr. Timothy DeVol, DEVOL@clemson.edu Department of Environmental Engineering Clemson University 342 Computer Court Clemson, SC 29634 864-656-1014	
12. NRC PROGRAM OFFICE (NAME and ADDRESS) NRC Attn: Tanya Parwani-Jaimes Office of Human Resources MS: GW5A6 (301) 492-2308 11545 Rockville Pike Rockville, Maryland 20852	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: RFPA: Administrative	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 \$252,344.00 TOTAL \$252,344.00	16. TOTAL FUNDING AGREEMENT NRC \$252,344.00 RECIPIENT _____ TOTAL \$252,344.00 This action provides funds for Fiscal Year in the amount of \$0.00		
17. NRC ISSUING OFFICE (NAME, ADDRESS and EMAIL ADDRESS) U.S. Nuclear Regulatory Commission Div. of Contracts Attn: M'Lita Carr Mail Stop: TWB-01-B10M Rockville MD 20852			
18. Signature Not Required		19. NRC CONTRACTING OFFICER  (Signature) _____ NAME (TYPED) Sheila Bumpass TITLE Contracting Officer TELEPHONE NO. 301-492-3484 7/6/11 (Date)	
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 004 is to:

1. Correct the period of performance on Modification 002 - award document;
2. Correct the period of performance on Modification 003 issued to extend the period of performance.

As a result of this modification:

1. Modification 002 Box 3 – "PERIOD OF PERFORMANCE" of the Notice of Grant/Assistance Award is deleted and replaced with:

9/1/2009 TO 06/30/2011

2. Modification 003 Box 3 – "PERIOD OF PERFORMANCE" of the Notice of Grant/Assistance Award is deleted and replaced with:

9/1/2009 TO 05/31/2012

All terms and condition remain the same

Base Period: September 1, 2009 – May 31, 2012 (changed)

Assistance Award Ceiling: \$252,344.00 (unchanged)

Total Obligated Amount: \$252,344.00 (unchanged)