

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

1. GRANT/AGREEMENT NO. NRC-38-09-972	2. MODIFICATION NO. 0001	3. PERIOD OF PERFORMANCE FROM: 09/01/2009 TO: 08/31/2010	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 042629816	7. RECIPIENT NAME, ADDRESS, and EMAIL ADDRESS CLEMSON UNIVERSITY OFFICE OF SPONSORED PROJECTS 201 SIKES HALL CLEMSON SC 296340001 Email:OSP-L@clemson.edu	

8. PROJECT TITLE:
Development of Coupled On-Line and Hands-on Radiation Detection and Radiochemistry Laboratory Courses

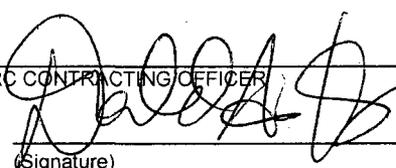
9. PROJECT WILL BE CONDUCTED PER GOVERNMENT'S/RECIPIENT'S PROPOSAL(S) DATED 01/22/2009 and revision 8/11/09 AND APPENDIX A-PROJECT GRANT PROVISIONS	10. TECHNICAL REPORTS ARE REQUIRED <input checked="" type="checkbox"/> PROGRESS AND FINAL <input type="checkbox"/> FINAL ONLY <input type="checkbox"/> OTHER (Conference Proceedings)	11. PRINCIPAL INVESTIGATOR(S) NAME, ADDRESS and EMAIL ADDRESS Dr. Timothy DeVol (864) 656-1014 Department of Environmental Engineering Clemson University 342 Computer Court CLEMSON SC 29634 DEVOL@clemson.edu
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12. NRC PROGRAM OFFICE (NAME and ADDRESS) U.S. Nuclear Regulatory Commission Office of Human Resources Attn: Randi Neff Mail Stop: GW5-A06 Washington DC 20555 Email: Randi.Neff@nrc.gov	13. ACCOUNTING and APPROPRIATION DATA APPN. NO: 31X0200 B&R NO: 9-8415-5C1116 JOB CODE: T8453 BOC NO: 4110 OFFICE ID NO: HR-09-972-001	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")
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15. NRC OBLIGATION FUNDS	16. TOTAL FUNDING AGREEMENT
THIS ACTION <u>0</u>	NRC <u>\$110,000.00</u> This action provides funds for Fiscal Year 2009 in the amount of <u>0</u>
PREVIOUS OBLIGATION <u>\$110,000.00</u>	RECIPIENT <u>0</u>
TOTAL <u>\$110,000.00</u>	TOTAL <u>\$110,000.00</u>

17. NRC ISSUING OFFICE (NAME, ADDRESS and EMAIL ADDRESS)

U.S. Nuclear Regulatory Commission
Division of Contracts
Attn: Kathleen J. Shino, 301-492-3636
Mail Stop TWB-01-B10M
Washington, DC 20555-0001
Email: Kathleen.Shino@nrc.gov

18. Acceptance of or objections to the Terms and Conditions of Award must be Emailed to the NRC Issuing Office (Block #17) within three (3) business days following the Award issue date. NRC considers lack of response as acceptance by the grantee of the terms and conditions of award.	19. NRC CONTRACTING OFFICER
	 11/30/2009 (Signature) _____ (Date)
	NAME (TYPED) <u>Donald A. King</u>
	TITLE <u>Contracting Officer</u>
TELEPHONE NO. <u>301-492-3635 email: Donald.King@nrc.gov</u>	

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).

CFDA 77.006

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.

NRC-38-09-972 0001

This revised award reflects NRC approval of the change in PI from Dr. Brian Powell to Dr. Timothy DeVol as requested by the grantee on August 11, 2009. It also updates the email address for the Office of Sponsored Projects, and adds the CFDA number to box#20.

All other terms and conditions of award remain unchanged.