

# Grant and Cooperative Agreement

CHOOSE ONE:

 COOPERATIVE AGREEMENT

 GRANT

 CHOOSE ONE:     EDUCATION     FACILITIES     RESEARCH     SDCR     TRAINING

1. GRANT/COOPERATIVE AGREEMENT NUMBER NRC-HQ-13-G-38-0002		2. SUPPLEMENT NUMBER M0001		3. EFFECTIVE DATE 06/03/2016		4. COMPLETION DATE			
5. ISSUED TO NAME/ADDRESS OF RECIPIENT (No., Street, City/County, State, Zip) CLEMSON UNIVERSITY 201 SIKES HALL CLEMSON SC 296340001				6. ISSUED BY U.S. NRC - HQ Mailing Address: Acquisition Management Division Mail Stop: TWFN-5E03 Washington DC 20555-0001					
7. TAXPAYER IDENTIFICATION NO. (TIN)				9. PRINCIPAL INVESTIGATOR/ORGANIZATION'S PROJECT OR PROGRAM MGR. (Name & Phone) Dr. Timothy Devol Email: devol@clemsun.edu Phone: (864) 656-1014					
8. COMMERCIAL & GOVERNMENT ENTITY (CAGE) NO.									
10. RESEARCH, PROJECT OR PROGRAM TITLE Probabilistic Risk Assessment Faculty Development in Nuclear Environmental Engineering and Science Program at Clemson University									
11. PURPOSE See Schedule.									
12. PERIOD OF PERFORMANCE (Approximately) 08/01/2013 through 07/31/2017									
13A.		AWARD HISTORY			13B.		FUNDING HISTORY		
PREVIOUS		\$450,000.00			PREVIOUS		\$450,000.00		
THIS ACTION		\$0.00			THIS ACTION		\$0.00		
CASH SHARE		\$0.00			TOTAL		\$450,000.00		
NON-CASH SHARE		\$0.00							
RECIPIENT SHARE		\$150,000.00							
TOTAL		\$450,000.00							
14. ACCOUNTING AND APPROPRIATION DATA									
PURCHASE REQUEST NO.		JOB ORDER NO.			AMOUNT		STATUS		
15. POINTS OF CONTACT									
		NAME		MAIL STOP		TELEPHONE		E-MAIL ADDRESS	
TECHNICAL OFFICER		NANCY V. HEBRON-ISREAL				301-287-0718		Nancy.Hebron-Isreal@nrc.gov	
NEGOTIATOR									
ADMINISTRATOR		M'LITA R. CARR				(301) 415-6869		MLITA.CARR@nrc.gov	
PAYMENTS									
16. THIS AWARD IS MADE UNDER THE AUTHORITY OF: Pursuant to Section 31B and 141B of the Atomic Energy Act of 1954, as Amended									
17. APPLICABLE STATEMENT(S), IF CHECKED: <input type="checkbox"/> NO CHANGE IS MADE TO EXISTING PROVISIONS <input type="checkbox"/> FDP TERMS AND CONDITIONS AND THE AGENCY-SPECIFIC REQUIREMENTS APPLY TO THIS GRANT				18. APPLICABLE ENCLOSURE(S), IF CHECKED: <input type="checkbox"/> PROVISIONS <input type="checkbox"/> SPECIAL CONDITIONS <input type="checkbox"/> REQUIRED PUBLICATIONS AND REPORTS					
UNITED STATES OF AMERICA				COOPERATIVE AGREEMENT RECIPIENT					
CONTRACTING/GRANT OFFICER SHASHI MALHOTRA		DATE 06/03/2016		AUTHORIZED REPRESENTATIVE		DATE			

**TEMPLATE - ADM001**
**SUNSI REVIEW COMPLETE**
**JUN 14 2016**
**ADM002**

## Grant and Cooperative Agreement

ITEM NO. (A)	ITEM OR SERVICE (Include Specifications and Special Instructions) (B)	QUANTITY (C)	UNIT (D)	ESTIMATED COST	
				UNIT PRICE (E)	AMOUNT (F)
	<p>CFDA Number: 77.008            NRC-HQ-13-G-38-0002            DUNS:042629816            ZEROREQ-OCHCO-16-0139</p> <p>The purpose of this modification is to extend the period of performance.</p> <p>As a result of this modification:</p> <p>1. ATTACHMENT A - SCHEDULE,            A. Section A.2 PERIOD OF GRANT, delete in its entirety and replace with the following:</p> <p>"1. The effective date of this Grant is August 1, 2013. The completion date of this Grant is July 31, 2017.</p> <p>2. Funds obligated in this grants are available for program expenditures for the period:            August 1, 2013 - July 31, 2017"</p> <p>B. Section A.4 AMOUNT OF AWARD AND PAYMENT PROCEDURES, delete in its entirety and replace with the following:</p> <p>"1. The total estimated amount of this Award is \$450,000 for a four year period."</p> <p>**All other terms and conditions remain the same.**</p> <p>Payment:            ASAP GRANT FUNDS REIMBURSEMENT SYS            US TREASURY</p> <p>Period of Performance: 08/01/2013 to 07/31/2017</p>				