

# Grant and Cooperative Agreement

CHOOSE ONE:  
 COOPERATIVE AGREEMENT  
 GRANT

CHOOSE ONE:  EDUCATION  FACILITIES  RESEARCH  SDCR  TRAINING

1. GRANT/COOPERATIVE AGREEMENT NUMBER NRC-HQ-60-14-G-0015	2. SUPPLEMENT NUMBER M0002	3. EFFECTIVE DATE 09/09/2016	4. COMPLETION DATE
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5. ISSUED TO  
 NAME/ADDRESS OF RECIPIENT (No., Street, City/County, State, Zip)  
 UNIVERSITY OF MARYLAND  
 Attn: ANTOINETTE Lawson  
 OFFICE OF RESEARCH ADMINISTRATION  
 3112 LEE BUILDING  
 COLLEGE PARK MD 207425141

6. ISSUED BY U.S. NRC - HQ  
 Mailing Address: Acquisition Management Division  
 Mail Stop: 3WFN-05-C64MP  
 Washington DC 20555-0001

7. TAXPAYER IDENTIFICATION NO. (TIN)

9. PRINCIPAL INVESTIGATOR/ORGANIZATION'S PROJECT OR PROGRAM MGR. (Name & Phone)  
 Dr. Mohammad Modarres

8. COMMERCIAL & GOVERNMENT ENTITY (CAGE) NO.

Email: modarres@umd.edu Phone: 301-314-9601

10. RESEARCH, PROJECT OR PROGRAM TITLE  
 Study of the Implication of Multi-Unit Accidents in the Context of NRC's Quantitative Health Objectives

11. PURPOSE  
 See Schedule

12. PERIOD OF PERFORMANCE (Approximately)  
 09/30/2014 through 12/31/2016

13A.	AWARD HISTORY	13B.	FUNDING HISTORY
PREVIOUS	\$207,783.00	PREVIOUS	\$207,783.00
THIS ACTION	\$0.00	THIS ACTION	\$0.00
CASH SHARE	\$0.00	<b>TOTAL</b>	\$207,783.00
NON-CASH SHARE	\$0.00		
RECIPIENT SHARE	\$0.00		
<b>TOTAL</b>	<b>\$207,783.00</b>		

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	SARAH B. SHAFFER		301-251-7942	SARAH.SHAFFER@NRC.GOV
NEGOTIATOR				
ADMINISTRATOR	GORDANA ZUBER		301-415-5002	gordana.zuber@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:  
 NO CHANGE IS MADE TO EXISTING PROVISIONS  
 FDP TERMS AND CONDITIONS AND THE AGENCY-SPECIFIC REQUIREMENTS APPLY TO THIS GRANT

18. APPLICABLE ENCLOSURE(S), IF CHECKED:  
 PROVISIONS  SPECIAL CONDITIONS  
 REQUIRED PUBLICATIONS AND REPORTS

UNITED STATES OF AMERICA COOPERATIVE AGREEMENT RECIPIENT

CONTRACTING/GRANT OFFICER M'LITA R. CARR	DATE 09/12/2016	AUTHORIZED REPRESENTATIVE	DATE
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# 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: 77.009</p> <p>NRC-HQ-60-14-G-0015</p> <p>ZEROREQ-RES-16-0253</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,</p> <p>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 September 30, 2014. The completion date of this Grant is December 31, 2016.</p> <p>2. Funds obligated in this grants are available for program expenditures for the period: September 30, 2014 - December 31, 2016"</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 \$207,783.00 for a two year and three month period."</p> <p>All other terms and conditions remain the same.</p> <p>Payment:</p> <p style="padding-left: 40px;">ASAP GRANT FUNDS REIMBURSEMENT SYS US TREASURY</p> <p>Period of Performance: 09/30/2014 to 12/31/2016</p>				

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