

Grant and Cooperative Agreement

CHOOSE ONE:

- ☐ COOPERATIVE AGREEMENT
- ☒ GRANT

CHOOSE ONE: ☐ EDUCATION ☐ FACILITIES ☒ RESEARCH ☐ SDCR ☐ TRAINING

1. GRANT/COOPERATIVE AGREEMENT NUMBER NRC-HQ-12-G-04-0083		2. SUPPLEMENT NUMBER M0005		3. EFFECTIVE DATE 08/18/2014		4. COMPLETION DATE 03/27/2015	
5. ISSUED TO NAME/ADDRESS OF RECIPIENT (No., Street, City/County, State, Zip) UNIVERSITY OF MICHIGAN 503 THOMPSON ST ANN ARBOR MI 481091340				6. ISSUED BY US 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. Annalisa Manera Email: manera@umich.edu, Phone: (734) 647-2433			
8. COMMERCIAL & GOVERNMENT ENTITY (CAGE) NO.							
10. RESEARCH, PROJECT OR PROGRAM TITLE Multi-scale Thermal Hydraulic Tool for Nuclear Power Plant Safety Analyses							
11. PURPOSE See Schedule							
12. PERIOD OF PERFORMANCE (Approximately) 09/28/2012 through 03/27/2015							
13A.		AWARD HISTORY		13B.		FUNDING HISTORY	
PREVIOUS		\$252,269.00		PREVIOUS		\$190,628.00	
THIS ACTION		\$0.00		THIS ACTION		\$61,641.00	
CASH SHARE		\$0.00		TOTAL		\$252,269.00	
NON-CASH SHARE		\$0.00					
RECIPIENT SHARE		\$0.00					
TOTAL		\$252,269.00					
14. ACCOUNTING AND APPROPRIATION DATA See Schedule							
PURCHASE REQUEST NO.		JOB ORDER NO.		AMOUNT		STATUS	
RES-14-0536							
15. POINTS OF CONTACT							
	NAME	MAIL STOP	TELEPHONE	E-MAIL ADDRESS			
TECHNICAL OFFICER	ANDREW IRELAND		301-251-7553	Andrew.Ireland@nrc.gov			
NEGOTIATOR							
ADMINISTRATOR	GORDANA ZUBER		301-287-0900	gordana.zuber@nrc.gov			
PAYMENTS							
16. THIS AWARD IS MADE UNDER THE AUTHORITY OF: Pursuant to Section 31b and 14b of the Atomic Energy Act of 1954, as amended							
17. APPLICABLE STATEMENT(S), IF CHECKED: <input checked="" 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 SHEILA H. BUMPASS <i>Sheila Bumpass</i>		DATE 08/18/2014		AUTHORIZED REPRESENTATIVE		DATE	

TEMPLATE - ADM001

SUNSI REVIEW COMPLETE

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: 77.009</p> <p>DUNS Number: 073133571</p> <p>NRC-HQ-12-G-04-0083 - M0005 (REQ:RES-14-0536)</p> <p>The purpose of this modification is to provide incremental funding in the amount of \$61,641.00. The obligated amount of this grant has increased by \$61,641.00 from \$190,628.00 to \$252,269.00.</p> <p>With this action grant is fully funded.</p> <p>All other terms and conditions remain the same.</p> <p>Payment:</p> <p style="padding-left: 40px;">ASAP GRANT FUNDS REIMBURSEMENT SYS</p> <p style="padding-left: 40px;">US TREASURY</p> <p>Period of Performance: 09/28/2012 to 03/27/2015</p>				