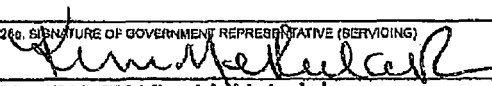
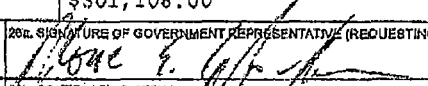


INTERAGENCY AGREEMENT		1. IAA NO. NRC-HQ-60-15-D-0006		PAGE 1 OF 3	
2. ORDER NO.		3. REQUISITION NO. RES-15-0280		4. SOLICITATION NO.	
5. EFFECTIVE DATE 06/18/2015		6. AWARD DATE 06/18/2015		7. PERIOD OF PERFORMANCE 06/22/2015 TO 12/31/2016	
8. SERVICING AGENCY BROOKHAVEN NATIONAL LABORATORY ALC: DUNS: 027579460 +4; BROOKHAVEN SITE OFFICE PO BOX 5000 BLDG 464 UPTON NY 11973-5000 POC Kim Nekulak TELEPHONE NO. 631-344-7439		9. DELIVER TO MING LI US NUCLEAR REGULATORY COMMISSION OFFICE OF NUCLEAR REGULATORY RESEARCH 11555 ROCKVILLE PIKE ROCKVILLE MD 20852			
10. REQUESTING AGENCY ACQUISITION MANAGEMENT DIVISION ALC: 31000001 DUNS: 040535809 +4: US NUCLEAR REGULATORY COMMISSION ONE WHITE FLINT NORTH 11555 ROCKVILLE PIKE ROCKVILLE MD 20852-2738 POC Sandra Nesmith TELEPHONE NO. 301-415-6836		11. INVOICE OFFICE US NUCLEAR REGULATORY COMMISSION ONE WHITE FLINT NORTH 11555 ROCKVILLE PIKE MAILSTOP 03-E17A ROCKVILLE MD 20852-2738			
12. ISSUING OFFICE US NRC - HQ ACQUISITION MANAGEMENT DIVISION MAIL STOP TWFN-5E03 WASHINGTON DC 20555-0001		13. LEGISLATIVE AUTHORITY Energy Reorganization Act of 1974			
		14. PROJECT ID			
		15. PROJECT TITLE FURTHER STUDY OF SOFTWARE RELIABILITY QUANTIFICATION			
16. ACCOUNTING DATA 2015-C0200-FEEBASED-60-60D002-11-6-213-1052-253D					
17. ITEM NO.	18. SUPPLIES/SERVICES	19. QUANTITY	20. UNIT	21. UNIT PRICE	22. AMOUNT
	<p>Title: Further Study of Software Reliability Quantification: A Bayesian Belief Network Approach</p> <p>The NRC and Brookhaven National Laboratory (BNL) hereby enter into this Agreement for the project entitled "Further Study of Software Reliability Quantification: A Bayesian Belief Network Approach."</p> <p>Period of Performance: June 22, 2015 - December 31, 2016</p> <p>Continued ...</p>				
23. PAYMENT PROVISIONS		24. TOTAL AMOUNT \$301,108.00			
25a. SIGNATURE OF GOVERNMENT REPRESENTATIVE (SERVICING) 		25b. SIGNATURE OF GOVERNMENT REPRESENTATIVE (REQUESTING) 			
25d. NAME AND TITLE Kim M. Nekulak Contracting Officer		25c. DATE JUN 18 2015		25e. CONTRACTING OFFICER MORIE E. GUNTER-HENDERSON	
				25f. DATE 6/17/15	

SUNSI REVIEW COMPLETE

TEMPLATE - ADMIN

JUL 02 2015

ADM002

Consideration and Obligations:

(a) Authorized Cost Ceiling \$988,091.00

(b) The amount presently obligated with respect to this DOE Agreement is \$301,108.00. When and if the amount(s) paid and payable to the DOE Laboratory hereunder shall equal the obligated amount, the DOE Laboratory shall not be obligated to continue performance of the work unless and until the NRC Contracting Officer shall increase the amount obligated with respect to this DOE Agreement. Any work undertaken by the DOE Laboratory in excess of the obligated amount specified above is done so at the DOE Laboratory's sole risk.

The following documents are hereby made a part of this Agreement:

Attachment No. 1: Statement of Work

Attachment No. 2: DOE Standard Terms and Conditions

This agreement is entered into pursuant to the authority of the Energy Reorganization Act of 1974, as amended (42 U.S.C 5801 et seq.). This work will be performed in accordance with the NRC/DOE Memorandum of Understanding dated November 24, 1998. To the best of our knowledge, the work requested will not place the DOE and its contractor in direct competition with the domestic private sector.

Notwithstanding the agreement effective dates and period of performance start dates stated elsewhere in the agreement, the effective date of the agreement and start date of the period of performance are the last date of signature by the parties.

[] Fee Recoverable Work

[X] Non-fee Recoverable Work

Principal Investigator: Tsong-Lun Chu

DUNS: 040535809

TAS: 31X0200.320

ALC: 31000001

Continued ...

IAANO
NRC-HQ-60-15-D-0006

ORDER NO

PAGE

OF

3

3

Master IAA: N/A

00001

Authorized Cost Ceiling

Line Item Ceiling\$988,091.00

Incrementally Funded Amount: \$301,108.00

988,091.00

The total amount of award: \$988,091.00. The
obligation for this award is shown in box 24.