

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

1. GRANT/AGREEMENT NO. NRC-38-09-947	2. MODIFICATION NO. M002	3. PERIOD OF PERFORMANCE FROM: 08/11/2009 TO: 07/31/2013	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 State/Public Controlled Institution Of Higher Education DUNS 603503991 NAICS: 611310	7. RECIPIENT NAME, ADDRESS, and EMAIL ADDRESS RFCUNY - CITY COLLEGE CONVENT AVE & 138TH ST NEW YORK NY 100310000 rmaster@sci.ccny.cuny.edu																
8. PROJECT TITLE: Development of A Nuclear Thermal-Hydraulics and Safety Program																		
9. PROJECT WILL BE CONDUCTED PER GOVERNMENT'S/RECIPIENT'S PROPOSAL(S) DATED 02/25/2009 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. Taehun Lee 212-650-5728 City College of New York - CCNY Department of Mechanical Engineering 140 Street & Convent Avenue New York, New York 10031 thlee@ccny.cuny.edu																
12. NRC PROGRAM OFFICE (NAME and ADDRESS) U.S. Nuclear Regulatory Commission Office of Human Services Attn: Nancy Hebron-Isreal@nrc.gov Mail Stop: GWS-A06 Washington, DC 20555	13. ACCOUNTING and APPROPRIATION DATA APPN. NO: 31X0200 B&R NO: 9-8415-5C1115 JOB CODE: T8460 BOC NO: 4110 OFFICE ID NO: HR-12-360	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")																
15. NRC OBLIGATION FUNDS <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:50%;">THIS ACTION</td> <td style="text-align: right; border-bottom: 1px solid black;">\$0.00</td> </tr> <tr> <td>PREVIOUS OBLIGATION</td> <td style="text-align: right; border-bottom: 1px solid black;">\$448,978.00</td> </tr> <tr> <td>TOTAL</td> <td style="text-align: right; border-bottom: 3px double black;">\$448,978.00</td> </tr> </table>		THIS ACTION	\$0.00	PREVIOUS OBLIGATION	\$448,978.00	TOTAL	\$448,978.00	16. TOTAL FUNDING AGREEMENT <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:50%;">NRC</td> <td style="text-align: right; border-bottom: 1px solid black;">\$448,978.00</td> <td style="width:50%; vertical-align: top;">This action provides funds for Fiscal Year 2009 in the amount of \$448,978.00</td> </tr> <tr> <td>RECIPIENT</td> <td style="text-align: right; border-bottom: 1px solid black;">\$0.00</td> <td></td> </tr> <tr> <td>TOTAL</td> <td style="text-align: right; border-bottom: 3px double black;">\$448,978.00</td> <td></td> </tr> </table>		NRC	\$448,978.00	This action provides funds for Fiscal Year 2009 in the amount of \$448,978.00	RECIPIENT	\$0.00		TOTAL	\$448,978.00	
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17. NRC ISSUING OFFICE (NAME, ADDRESS and EMAIL ADDRESS) U.S. Nuclear Regulatory Commission Div. of Contracts Attn: Mark.Lohrmann@nrc.gov Mail Stop: TWB-01-B10M Washington, DC 20555																		
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 <div style="text-align: right; margin-bottom: 5px;"> <i>Mark Lohrmann</i> 7/27/12 </div> <hr/> (Signature) _____ (Date) NAME (TYPED) <u>Mark Lohrmann</u> TITLE <u>Contracting Officer</u> TELEPHONE NO. <u>301-492-3461</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).																		
21. Attached is a copy of the "NRC General Provisions for Grants and Cooperative Agreements Awarded to U.S. 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.																		

TEMPLATE - ADM001

SUNSI REVIEW COMPLETE

ADM002

DESCRIPTION OF MODIFICATION:

The purpose for modification number M002 is to:

Extend the period of performance:

- A. Block 3 of the US Nuclear Regulatory Commission, Notice of Grant / Assistance Award, delete in its entirety and replace with the following:

"PERIOD OF PERFORMANCE
FROM: 08/11/2009 TO: 07/31/2013"

All other terms and conditions remain unchanged.