

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

INITIAL
[Signature]

1. GRANT/AGREEMENT NO. NRC-04-02-079	2. MODIFICATION NO. M007	3. PERIOD OF PERFORMANCE FROM: 08/23/02 TO: 5/17/07 8/22/03	4. AUTHORITY Pursuant to Section 31a and 141b of the Atomic Energy Act of 1954, as amended
5. TYPE OF AWARD <input type="checkbox"/> GRANT <input checked="" type="checkbox"/> COOPERATIVE AGREEMENT	6. ORGANIZATION TYPE Educational Non-profit	7. RECIPIENT NAME AND ADDRESS MASSACHUSETTS INSTITUTE OF TECHNOLOGY 77 MASSACHUSETTS AVENUE CAMBRIDGE MA 021394307	
8. PROJECT TITLE: Add workscope from MIT proposal "Investigation of Pressure - Tube Deformation following a Single Channel Blockage in ACR-700 dated 10/3/04 to this Cooperative Agreement.			
9. PROJECT WILL BE CONDUCTED PER GOVERNMENT'S/RECIPIENT'S PROPOSAL(S) DATED 10/3/2004 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 AND ADDRESS Mujid Kazami, Director CANES, MIT	
12. NRC PROGRAM OFFICE (NAME & ADDRESS) Office of Nuclear Regulatory Research Attn: Prasad Kadambi MS T-10F13A Washington, DC 20555	13. ACCOUNTING & APPROPRIATION DATA APPN. NO: no change B&R NO: JOB CODE: BOC NO: OFFICE ID NO:	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) CCR.GOV (See Attach. 30 in Appendix A - "Electronic Payment")	
15. NRC OBLIGATION FUNDS THIS ACTION <u>0</u> PREVIOUS OBLIGATION <u>\$1,380,000.00</u> TOTAL <u>\$1,380,000.00</u>	16. TOTAL FUNDING AGREEMENT \$2,096,087 NRC <u>1,500,000</u> RECIPIENT <u>0</u> TOTAL <u>1,500,000</u> This action provides funds for Fiscal Year in the amount of <u>0</u>		
17. NRC ISSUING OFFICE (NAME AND ADDRESS) U.S. Nuclear Regulatory Commission Div of Contracts Two White Flint North - MS T-7-I-2 Washington, DC 20555			
18. RECIPIENT <u>[Signature]</u> 12/20/04 (Signature) (Date) NAME (TYPED) <u>Patricia K. Greer</u> TITLE <u>Associate Director, OSP</u> TELEPHONE NO. <u>(617) 253-3864</u>	19. NRC CONTRACTING OFFICER <u>[Signature]</u> 11/4/04 (Signature) (Date) NAME (TYPED) <u>Stephen M. Pool</u> TITLE <u>Contracting Officer</u> TELEPHONE NO. <u>301-415-8168</u>		
20. PAYMENT INFORMATION Payment will be made within thirty (30) days after receipt of the billing unless the bill is improper or the recipient has failed to comply with the program objectives, award conditions, Federal reporting requirements or other conditions specified in OMB Circular A-110. Payment will be made by: Vouchers should be submitted in an original and three (3) copies on form 270 to: U.S. Nuclear Regulatory Commission Payment Team, Mail Stop T-9-H-4 Attn: (insert contract or order number) Washington DC 20555 U.S.N.R.C. Division of Contracts MS T-7-I-2 Washington, DC 20555			
21. Attached is a copy of the "NRC General Provisions for Grants and Cooperative Agreements Awarded to Institutions of Higher Education and Other Nonprofit Organizations". 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			

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APPROVED

TEMPLATE - ADM001

SISP Review Complete

ADM002