

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

1. GRANT/AGREEMENT NO. NRC-04-02-079	2. MODIFICATION NO. M008	3. PERIOD OF PERFORMANCE FROM: 8/22/03 TO: 5/17/07	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 AVE NE49-4122 CAMBRIDGE MA 021394307	

8. PROJECT TITLE:
\$300,000 in Incremental funding is provided.
Investigation of Pressure - Tube Deformation following a Single Channel Blockage in ACR-700

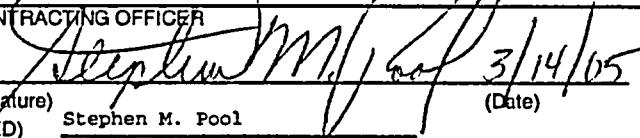
9. PROJECT WILL BE CONDUCTED PER GOVERNMENT'S/RECIPIENT'S PROPOSAL(S) DATED 10/3/2004 AND APPENDIX A-PROJECT GRANT PROVISIONS	10. TECHNICAL REPORTS ARE REQUIRED <input checked="" type="checkbox"/> PROGRESS AND FINAL <input type="checkbox"/> FINAL ONLY <input type="checkbox"/> OTHER (Conference Proceedings)	11. PRINCIPAL INVESTIGATOR(S) NAME AND ADDRESS Mujid Kazami, Director CANES, MIT
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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")
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15. NRC OBLIGATION FUNDS	16. TOTAL FUNDING AGREEMENT
THIS ACTION <u>\$300,000.00</u>	NRC <u>2,096,087</u> This action provides funds for Fiscal Year 2005 in the amount of \$300,000
PREVIOUS OBLIGATION <u>\$1,380,000.00</u>	RECIPIENT <u>0</u>
TOTAL <u>\$1,680,000.00</u>	TOTAL <u>2,096,087</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 _____ (Signature) _____ (Date) NAME (TYPED) _____ TITLE _____ TELEPHONE NO. _____	19. NRC CONTRACTING OFFICER  (Signature) _____ (Date) <u>3/14/05</u> NAME (TYPED) <u>Stephen M. Pool</u> TITLE <u>Contracting Officer</u> TELEPHONE NO. <u>301-415-8168</u>
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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
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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

TEMPLATE - ADM001

SISP Review Complete

ADM002