

October 7, 2005

Dr. John Bernard, Director  
of Reactor Operations  
Nuclear Reactor Laboratory  
Massachusetts Institute of Technology  
138 Albany Street  
Mail Stop NW 12-208  
Cambridge, MA 02139

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION - SECURITY MEASURES FOR  
RESEARCH AND TEST REACTORS WITH LICENSED POWER LEVELS  
GREATER THAN OR EQUAL TO 2 MEGAWATTS

Dear Dr. Bernard:

By letter dated June 21, 2002, the Nuclear Regulatory Commission (NRC) provided you a list of security compensatory measures (CM's) intended to enhance the physical security of your facility in the heightened post-September 11, 2001, threat environment. In that letter, the NRC requested that you (1) review each of the CM's to ensure that they could be implemented without having an adverse impact on safety, and (2) prepare a site-specific implementation plan for each CM. In response, you provided an implementation plan, which the NRC agreed to and documented in a Confirmatory Action Letter (CAL) dated October 28, 2002.

In that CAL, we indicated that there was a potential for the NRC to take additional actions on your planned security measures. The NRC finds it necessary to re-verify implementation of the June 21, 2002, CM's implemented at applicable RTR facilities. Accordingly, the NRC is seeking additional information regarding your security-related CM implementation plan. Your response to the enclosed request for additional information should be mailed within 30 days of your receipt of this letter.

The attachment to this letter should be controlled as 10 CFR 2.390(d) information and as such will not be made publicly available. Additionally, the security CM's are unclassified-sensitive information exempted from public disclosure under the provisions of 10 CFR 73.21 (safeguards information). Your response to this letter may contain safeguards information, and thus, would not be authorized for public release. If safeguards information is necessary to provide an acceptable response, please provide the level of protection described in 10 CFR 73.21.

**WHEN SEPARATED FROM ENCLOSURE, THIS LETTER IS UNCONTROLLED**

This request contains information collection requirements that are subject to the Paperwork Reduction Act of 1995 (44 U.S.C. 3501, et seq.). These information collections were approved by the Office of Management and Budget, approval number 3150-0011, which expires August 31, 2006.

The burden to the public for these information collections is estimated to average 40 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the information collection. Send comments regarding this burden estimate or any other aspect of these information collections, including suggestions for reducing the burden, to the Records and FOIA/Privacy Services Branch (T-5 F53), U.S. Nuclear Regulatory Commission, Washington, D.C. 20555-0001, or by Internet electronic mail to [INFOCOLLECTS@NRC.GOV](mailto:INFOCOLLECTS@NRC.GOV); and to the Desk Officer, Office of Information and Regulatory Affairs, NEOB-10202, (3150-0012), Office of Management and Budget, Washington, D.C. 20503.

If you have any questions regarding this request, please contact Mr. Alexander Adams, Jr. or Mr. Marvin Mendonca of my staff at 301-415-1127 or 301-415-1128, respectively.

Sincerely,

**/RA/**

Brian E. Thomas, Section Chief  
Research and Test Reactors Section  
New, Research and Test Reactors Program  
Division of Regulatory Improvement Programs  
Office of Nuclear Reactor Regulation

Docket No. 50-20

Enclosure: As stated

This request contains information collection requirements that are subject to the Paperwork Reduction Act of 1995 (44 U.S.C. 3501, et seq.). These information collections were approved by the Office of Management and Budget, approval number 3150-0011, which expires August 31, 2006.

The burden to the public for these information collections is estimated to average 40 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the information collection. Send comments regarding this burden estimate or any other aspect of these information collections, including suggestions for reducing the burden, to the Records and FOIA/Privacy Services Branch (T-5 F53), U.S. Nuclear Regulatory Commission, Washington, D.C. 20555-0001, or by Internet electronic mail to [INFOCOLLECTS@NRC.GOV](mailto:INFOCOLLECTS@NRC.GOV); and to the Desk Officer, Office of Information and Regulatory Affairs, NEOB-10202, (3150-0012), Office of Management and Budget, Washington, D.C. 20503.

If you have any questions regarding this request, please contact Mr. Alexander Adams, Jr. or Mr. Marvin Mendonca of my staff at 301-415-1127 or 301-415-1128, respectively.

Sincerely,

**/RA/**

Brian E. Thomas, Section Chief  
Research and Test Reactors Section  
New, Research and Test Reactors Program  
Division of Regulatory Improvement Programs  
Office of Nuclear Reactor Regulation

Docket No. 50-20

Enclosure: As stated

**DISTRIBUTION:**

PUBLIC	RNRP/R&TR r/f	DHughes	MMendonca	AAdams	RBorchardt
BThomas	WBeckner	OGC-Winsberg	EHylton	JDyer	CBassett
FGillespie	Plsaac	DMatthews	WEresian	RZimmerman	TDragoun
Ghill (2)	VOrdaz	SMorris	GTracy	RCaldwell	TBloomer
KWitt					

**RAI PACKAGE ACCESSION NO.: ML052710334**

**RAI LETTER ACCESSION NO.: ML052710343**

**RAI ENCLOSURE ACCESSION NO.: ML052780258**

**TEMPLATE No.: NRR-106**

OFFICE	RNRP:PM	NSIR	OGC	RNRP:SC
NAME	MMendonca	RZimmerman	JGoldberg	BThomas
DATE	9/22/05	10/5/05	10/5 /05	10/4/05
OFFICE	DRIP:D	NRR:D	EDO	RNRP:SC
NAME	DMatthews	JDyer /BSheron for	LReyes	BThomas (signature)
DATE	9/22/05	10/4/05	10/4/05	10/ 7 /05

**C = COVER**

**E = COVER & ENCLOSURE  
OFFICIAL RECORD COPY**

**N = NO COPY**