

OCT 08 1982

Docket No. 50-184

License No. TR-5

U.S. Department of Commerce
National Bureau of Standards
ATTN: Dr. R. S. Carter, Chief
Reactor Radiation Division
Washington, D.C. 20234

Gentlemen:

Subject: Inspection No. 50-184/82-02

This refers to the routine safety inspection conducted by Mr. W. W. Kinney of this office on September 8-10, 1982, at your NBS Reactor located in Gaithersburg, Maryland, of activities authorized by NRC License No. TR-5 and to the discussions of our findings held by Mr. W. W. Kinney with Mr. T. M. Raby and yourself at the conclusion of the inspection, and to a subsequent telephone discussion between Mr. Kinney and Mr. Raby and yourself on September 14, 1982.

Areas examined during this inspection are described in the NRC Region I Inspection Report which is enclosed with this letter. Within these areas, the inspection consisted of selective examinations of procedures and representative records, interviews with personnel, and observations by the inspector.

Based on the results of this inspection, it appears that one of your activities was not conducted in full compliance with NRC requirements, as set forth in the Notice of Violation, enclosed herewith as Appendix A. This violation has been categorized by severity level in accordance with the NRC Enforcement policy (10 CFR 2, Appendix C) published in the Federal Register Notice (47 FR 9987) dated March 9, 1982. You are required to respond to this letter and in preparing your response, you should follow the instructions in Appendix A. In addition to the need for corrective action regarding this specific violation, we are concerned about your personnel radiation protection program which allows experimenters to perform experiments involving radioactive materials and radiation prior to your Health Physics personnel instructing the experimenters in proper personal radiation protection practices as required by 10 CFR 19, NOTICES, INSTRUCTIONS, AND REPORTS TO WORKERS; INSPECTIONS. Consequently, in your reply, you should describe in particular, those actions taken or planned to improve the effectiveness of your radiation protection program.

The responses directed by this letter and the accompanying Notice are not subject to the clearance procedures of the Office of Management and Budget as required by the Paperwork Reduction Act of 1980, PL 96-511.

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In accordance with 10 CFR 2.790(a), a copy of this letter and the enclosures will be placed in the NRC Public Document Room unless you notify this office, by telephone, within ten days of the date of this letter and submit written application to withhold information contained therein within thirty days of the date of this letter. Such application must be consistent with the requirements of 2.790(b)(1). The telephone notification of your intent to request withholding, or any request for an extension of the 10 day period which you believe necessary, should be made to the Supervisor, Files, Mail and Records, USNRC Region I, at (215) 337-5223.

Your cooperation with us in this matter is appreciated.

Sincerely,

Original Signed By:

Richard W. Starostecki, Director,
Division of Project and Resident
Programs

Enclosures:

Appendix A, Notice of Violation
NRC Region I Inspection Report Number 50-184/82-02

cc w/encl:

Public Document Room (PDR)
Local Public Document Room (LPDR)
Nuclear Safety Information Center (NSIC)
State of Maryland (2)

bcc w/encl:

Region I Docket Room (with concurrences)
Chief, Operational Support Section (w/o encls)
H. Bernard, NRR

JK for
RI:DPRP
Kinney:as
9/28/82

RJA
RI:DETP
Greenman

L
RI:DPRP
Keimig

RS
RI:DPRP
Starostecki
10/7/82

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