



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION I
631 PARK AVENUE
KING OF PRUSSIA, PENNSYLVANIA 19406

2 JUL 1981

Docket No. 50-225

Rensselaer Polytechnic Institute
ATTN: Dr. R. T. Lahey, Chairman
Department of Nuclear Engineering
and Science
Department of Nuclear Engineering and Science
Troy, New York 12181



Gentlemen:

Subject: Inspection 50-225/81-02

This refers to the routine inspection conducted by Mr. J. Dunlap of this office on April 27-30, 1981 at your Critical Experiments Facility in Schenectady, New York of activities authorized by NRC License CX-22 and to the discussions of our findings held by Mr. Dunlap with Dr. D.R. Harris of your staff at the conclusion of the inspection.

Areas examined during this inspection are described in the Office of Inspection and Enforcement 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 item of noncompliance has been categorized into the levels described in the Federal Register Notice (45 FR 66754) dated October 7, 1980. You are required to respond to this letter and in preparing your response, you should follow the instructions in Appendix A.

In accordance with Section 2.790(d) of the NRC's "Rules of Practice," Part 2, Title 10, Code of Federal Regulations, documentation of findings of your control and accounting procedures for safeguarding special nuclear materials and your facility security measures for physical protection are deemed

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ENCLOSURES TRANSMITTED HEREWITH
CONTAIN 10 CFR 2.790 INFORMATION

Rensselaer Polytechnic Institute

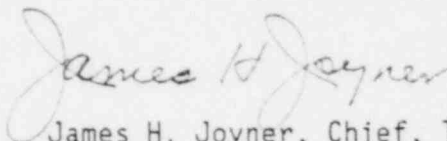
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to be commercial or financial information within the meaning of 10 CFR 9.5(a)(4) and shall be subject to disclosure only in accordance with the provisions of 10 CFR 9.12; therefore, the enclosures to this letter, and your response to this letter will not be placed in the Public Document Room and will receive limited distribution.

Should you have any questions concerning this inspection, we will be pleased to discuss them with you.

Sincerely,



James H. Joyner, Chief, Technical
Inspection Branch, Division of
Engineering and Technical Inspection

Enclosures:

1. Appendix A, Notice of Violation (Contains 2.790(d) information)
2. Office of Inspection and Enforcement Inspection
Report Number 50-225/81-02 (Contains 2.790(d) information)

cc (with report cover sheet only):

Dr. D. R. Harris, Facility Director
Mr. P. Nelson, Reactor Supervisor
Dr. G. Judd, Vice Provost for Plans and Resources

ENCLOSURES TRANSMITTED HEREWITH
CONTAIN 10 CFR 2.790 INFORMATION