

AUG 3 1982

Docket No. 30-04632

License No. 20-03529-01

Interstate Nuclear Services  
ATTN: George Bakevitch  
Eastern Regional Manager  
295 Park Street  
Indian Orchard, Massachusetts 01151

Gentlemen:

Subject: Inspection 30-04632/82-01

This refers to the routine safety inspection conducted by Miss J. McGinness of this office on May 27 and 28, 1982 of activities authorized by NRC License No. 20-03529-01 and to the discussions of our findings held by Miss McGinness with Mr. L. Terebesi of your staff at the conclusion of the inspection, and to subsequent telephone discussions between Miss McGinness and Mr. T. Nally on June 8 and 25, 1982.

The inspection was an examination of activities conducted under your license as they relate to radiation safety and to compliance with the Commission's rules and regulations and the conditions of your license. The inspection consisted of selective examinations of procedures and representative records, interviews with personnel, measurements made by the inspector, and observations by the inspector.

In addition, the inspector took samples of the waste water from your nuclear washing machines. These samples were analyzed in the Regional Office Laboratory in King of Prussia, Pennsylvania. The basic purpose of these independent measurements was to verify your capability to identify, evaluate and quantify the presence of radioactive material released from your facility. The results of our analysis indicate compliance with the applicable levels in Part 20 and were in agreement with your analysis.

Our inspector also verified the steps you have taken to correct the violations brought to your attention in our letters dated December 11, 1980 and January 7, 1982. We have no further questions regarding your action at this time.

Based on the results of this inspection, it appears that certain of your activities were not conducted in full compliance with NRC requirements, as set forth in the Notice of Violation, enclosed herewith as Appendix A. These violations have 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.

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In the June 25, 1982 telephone conversation, Miss McGinness expressed our concern that surveys of contamination performed using the Eberline frisker monitor seemed inadequate. Specifically, the frisker was in an area where the radiation levels are higher than normal background and the alarm was routinely set at 2000 counts per minute. Assuming a nominal 10 percent efficiency for the Eberline unit, an employee could leave your restricted area with up to 20,000 disintegrations per minute of personnel contamination since the employees only respond to the audible alarm. This is not consistent with the standard industry limit of 1000 disintegrations per minute for contamination of personnel leaving a restricted area. From this discussion, we understand that you plan to move the monitor to an area where the background is lower and that you will assure that personnel do not leave your restricted area with radioactive contamination in excess of 1000 disintegrations per minute. In your reply to this letter, please confirm this understanding.

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.

In accordance with Section 2.790 of the NRC's "Rules of Practice," Part 2, Title 10, Code of Federal Regulations, a copy of this letter and your reply will be placed in the Public Document Room.

Your cooperation with us is appreciated.

Sincerely,

Original Signed By:  
John D. Kinneman



Thomas T. Martin, Director  
Division of Engineering and Technical  
Programs

Enclosure: Appendix A, Notice of Violation

cc w/encl:  
Public Document Room (PDR)  
Nuclear Safety Information Center (NSIC)  
Commonwealth of Massachusetts (2)

bcc w/encl:  
Region I Docket Room (with concurrences)  
Chief, Operational Support Section (w/o encl)

RI:DETP  
McGinness:ntm  
7/23/82

RI:DETP  
Kinneman  
8/2/82

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