

Docket No. 30-10311

AUG 9 1982

License No. 20-16063-01

Spire Corporation
Nuclear Science Department
ATTN: A. J. Armini, Ph.D.
Vice President
Patriots Park
Bedford, Massachusetts 01730

Gentlemen:

Subject: Inspection .o. 82-01

This refers to the routine safety inspection conducted by Miss J. McGinness of this office on June 4, 1982 of activities authorized by NRC License No. 20-16063-01, to the discussions of our findings held by Miss McGinness with yourself at the conclusion of the inspection, and to a subsequent telephone discussion between Miss McGinness and yourself on June 30, 1982. The subject of this telephone conversation was the results of an inspection conducted by a representative of the State of Washington Department of Social and Health Services on April 22, 1982 of three shipments of radioactive materials shipped from your Bedford, Massachusetts facility on April 5, 9, and 12, 1982 to the US Ecology radioactive waste disposal site in Richland, Washington. This matter was also discussed in a letter from the State of Washington to you dated May 12, 1982.

These inspections were examinations 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 inspections consisted of selective examinations of procedures and representative records, interviews with personnel, measurements made by the inspectors, and observations by the inspectors.

The inspector took wipe samples in your former hot cell area. These samples were analyzed in our Regional Office Laboratory in King of Prussia, Pennsylvania. The basic purpose of these measurements was to verify your capability for identifying and evaluating the presence of loose radioactive material in your facility. The results of our analysis are in agreement with the analysis you made on the day of the inspection.

Within the scope of the inspection conducted on June 4, 1982, no violations were observed. However, based on the results of the inspection conducted by the State of Washington on April 22, 1982, 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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The responses directed by this 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 in this matter is appreciated.

Sincerely,

Original Signed By:
John D. Kinneman

for

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

Enclosure:
Appendix A, Notice of Violation

cc:
Public Document Room (PDR)
Nuclear Safety Information Center (NSIC)
Commonwealth of Massachusetts (2)
State of Washington

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

McGinness
RI:DETP
McGinness/lp
7/30/82

Kinneman
RI:DETP
Kinneman
8/5/82

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