



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

Docket No. 030-08985

MAY 17 1977

Isomedix, Inc.
ATTN: Mr. George R. Dietz
President
25 Eastmans Road
P. O. Box 177
Parsippany, New Jersey 07054

Gentlemen:

Subject: Inspection 030-08985/77-01

This refers to the inspection conducted by Dr. J. Glenn of this office on April 27 and 28, 1977, of activities authorized by NRC License No. 29-15364-01 and to the discussions of our findings held by Dr. Glenn with yourself at the conclusion of the inspection.

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, our inspector took smear samples of floors and equipment in your facility; took samples of water from your irradiator storage pool; and made surveys of radiation levels using an Eberline E-120 GM survey meter. The smear and water samples were analyzed at our Regional Office Laboratory. The basic purpose of these independent measurements was to verify your capability to identify and evaluate the presence of loose radioactive material in your facility and to detect the presence of leaking sources stored in your irradiator pool. The results of the water sample analysis were in agreement with your analysis and within acceptable limits. However, the analysis of smear samples and the results of the radiation level survey indicated fixed and removable radioactive contamination in three areas in excess of that determined by your routine contamination surveys. You are advised to review your methods for detecting the presence of radioactive contamination. We will review this matter during the next inspection of your licensed program.

8507130323 850502
PDR FOIA
GIDWANIB4-705 PDR

MAY 17 1977

Our inspector also verified the steps you had taken to correct the Items of Noncompliance brought to your attention in a letter dated December 6, 1976. We have no further questions regarding your action at this time.

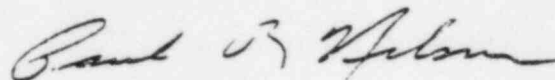
Based on the results of this inspection, it appears that certain of your activities were not conducted in full compliance with NRC requirements, as set forth in the Notice of Violation, enclosed herewith as Appendix A. These items of noncompliance have been categorized into the levels as described in our correspondence to you dated December 31, 1974. This notice is sent to you pursuant to the provisions of Section 2.201 of the NRC's "Rules of Practice", Part 2, Title 10, Code of Federal Regulations. Section 2.201 requires you to submit to this office, within twenty (20) days of your receipt of this notice, a written statement or explanation in reply including: (1) corrective steps which have been taken by you and the results achieved; (2) corrective steps which will be taken to avoid further items of noncompliance; and (3) the date when full compliance will be achieved.

From the discussion held at the conclusion of the inspection, it is our understanding that you plan to dispose of all of the radioactive waste that accumulated during the cleanup of your contaminated storage pool. Further, it is our understanding that you plan to continue to keep this office informed of your progress, including notification when this disposal has been completed. Your cooperation with us is appreciated.

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.

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

Sincerely,



Paul R. Nelson, Chief
Fuel Facility and Materials Safety
Branch

Enclosure: Appendix A, Notice of Violation

Isomedix, Inc.

3

MAY 17 1977

bec w/encl:
IE Mail & Files (For Appropriate Distribution)
Central Files
Public Document Room (PDR)
Local Public Document Room (LPDR)
Nuclear Safety Information Center (NSIC)
REG:I Reading Room
State of New Jersey