

ATOMIC ENERGY COMMISSION
DIRECTORATE OF REGULATORY OPERATIONS
REGION I
631 PARK AVENUE
KING OF PRUSSIA, PENNSYLVANIA 19406

RD

MAY 31 1974

30-8985

Isomedix Incorporated
Attention: Mr. George Dietz
President
25 Eastmans Road
Parsippany, New Jersey 07054

License No. 29-15364-01

Gentlemen:

This refers to the inspection conducted by Mr. Brandkamp of this office on May 15, 1974 of activities authorized by AEC License No. 29-15364-01 and to the discussions of our findings held by Mr. Brandkamp with Mr. Dietz 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.

Within the scope of this inspection, no violations or safety items were observed.

As discussed with you at the conclusion of the inspection, it is our understanding that you will calibrate your radiation survey instruments at three month intervals. We will examine your actions in this area during the next inspection.

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

No reply to this letter is required; however, should you have any questions concerning this inspection, we will be pleased to discuss them with you.

Sincerely,

Paul R. Nelson
Paul R. Nelson, Chief
Radiological & Environmental
Protection Branch

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PDR FOIA
GLOWACK85-111 PDR

bcc: RO Chief, FS&EB

RO:HQ

L:D/D for Fuels and Mat'l

DR Central Files

RO Files

PDR

NSIC

State of New Jersey

10 plus deposit 0.2 at surface
1 from 11 to 65
from cell 12

0.3 down
add

0 over 2/3
highest reading

0 or ∞ R/h
light + darkness

0.05" on R/bn
light
medium

Wm. H. H. H.
Wm. H. H. H.

000-6/4

Height 001-4
N-126
006-4. 006-4

2008
Santo Domingo, R. D.
10/15/08
Diosdado

0.5000

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U.S. AERONAUTICS COMMISSION
REGULATORY OPERATIONS, REGION 1
Inspection Field Notes

A. Pocket Number —	B. Report Number 7401	C. Priority/Category E/III	D. Inspection Date 5/15/74
E. Licensee Isomedix Inc.	F. Facility Parsippany, N.J.		G. License # 29-15364-01
H. Type of Inspection Announced Initial	I. No. and date of last Amendment -01; 3/22/74	J. Dates of last inspection —	
K. Principal Inspector and Date of Report DS 5/22/74	L. Accompanying Inspector None	M. Other Accompanying Personnel None	
N. Proprietary Info. None	O. Reviewer R. McClinton	P. Date of Review 5/23/74	
Q. Individuals Interviewed and Titles a. Dietz - Pres. b. Karl - Sec. c. d.		R. Date of Interview 5/15/74 S. Place of Interview Licensee Facility	
T. Enforcement Action None Commitment: Atty Gen. Cclib.		U. Previous Outstanding Items None	
V. Unresolved Items None		W. Previously Reported Unresolved None	
X. Recom. Reinspection May 76	Y. Name & Tele. # of RSO Dietz 887-4700	Z. RMS Code Number —	

1. Scope of Inspection () complete, () partial, () special

2. Remarks (to be filled in by the reviewer)

A. Participants -

Persons contacted, persons accompanying the inspector including state and local representatives (report if state officials were invited but declined).

B. Program -

Description of the scope of the licensed program; significant changes since the previous inspection.

14 employees - only 3 involved with radiation - those named on license except Duff who is no longer employed.
2-3 man-hrs/day spent in various operations - sealed sources only - manipulators & cells; no encapsulation work done, merely loading & handling of sealed sources. Present ops involve construction of 50,000 Ci Co_{60} irradiators for use in screw-fly control project

C. Organization -

Management organization as it relates to licensed program and location of this program within the overall organizational structure; radioisotope committee and radiation safety officer; authorities and responsibilities.

Dirty - Pres - is also RSO.

D. Administrative Control -

Procurement and transfer of licensed materials and records thereof;
authorized users; qualifications of users; supervision exercised;
licensee internal inspection.

E. Use of Material -

Uses and isotopes compared to that authorized by license; quantities
used; places of use; frequency of use.

F. Facilities -

Description of facilities used for licensed program; control of access; storage facilities; use facilities; control devices and alarms, c.f. 20.203(c)(2)

OK

G. Equipment -

Devices utilizing licensed material; instrumentation for monitoring and measuring; special equipment related to the safe use of radioactive materials such as hood, glove boxes, remote handling tools, collimators, filters, respirators, protective clothing.

O.K. - Discussion of calibration of instruments revealed semi-annual intervals. Dietz agreed to change to yearly

H. Radiological Safety Procedures -

Written operating and emergency procedures; availability of license, regulations, and procedures; training program for employees; instructions to employees, visitors, and others; Form AEC-3.

Adequate

Log book records of Hot Cell entries

Area monitors installed - alarm @ 10 mR/hr

I. Personnel Monitoring and Exposure to External Radiation -

Type of monitoring; basis for selecting individuals to be monitored; supplier; period worn; exposure history; records and results of personnel monitoring.

Dosimeters & film badges

J. Exposure of Employees to Concentrations of Radioactive Materials -

Method of evaluation (general air samples, breathing zone samples, occupancy factors, etc); radioisotopes involved; records; results of surveys; bioassays.

n/a - although cells are designed for work with unsealed sources - hence & P gauges, etc

K. Effluents to Unrestricted Areas -

Types of effluents; source; measurement of contents of effluents; flow rates; applicable MPC; analytical procedures; environmental samples.

n/a

L. Disposals -

Burial; incineration; release to sanitary sewerage system, storage for decay; records of disposals.

no wastes - transfer to auth recip.

M. Miscellaneous Surveys, Evaluations, and Records -

External radiation levels in restricted and unrestricted areas; transport vehicles; contamination levels; leak tests of sealed sources.

adequate

N. Special License Conditions -

O. Posting and Labeling -

OK

P. Independent Measurements -

OK

Q. Operations Observed -

BYPRODUCT MATERIAL
LICENSE NO. 29-15364-01 AND
LICENSE NO. 29-15364-02

I

II

~~8204140209~~

licensee's implementation of operating procedures which are conditions of the licenses are inadequate and, therefore, potentially hazardous conditions may exist at the licensee's Parsippany, New Jersey facility and Morton Grove, Illinois facility.

III

In view of the foregoing, the Director of Regulatory Operations finds that the public health, safety or interest requires that no prior notice as provided in 10 CFR 2.201 and 10 CFR 30.61 is necessary and that, pursuant to 10 CFR 2.202(f), use of byproduct material under Licenses Nos. 29-15364-01 and 29-15364-02 should be suspended effective immediately.

IV

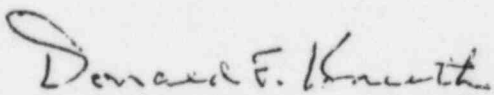
In view of the foregoing and pursuant to the Atomic Energy Act of 1954, as amended, and the regulations in 10 CFR Parts 2, 20, and 30, IT IS HEREBY ORDERED THAT:

1. All use of byproduct materials under Licenses Nos. 29-15364-01 and 29-15364-02 is suspended effective immediately pending further order of the Director of Regulatory Operations.
2. All byproduct material subject to these licenses shall be stored under lock and key pending further Order of the Director of Regulatory Operations.

The licensee may, within twenty (20) days of the date of receipt of this Order, file a written answer to this Order under Oath of Affirmation and

may also request a hearing within said twenty (20) day period. If a hearing is requested, the Commission will issue an Order designating the time and place of hearing.

In the event the licensee files a timely request for hearing within the time specified, the issues to be considered at such hearing shall be (1) whether the licensee violated the Commission's regulations and conditions of Licenses Nos. 29-15364-01 and 29-15364-02 as specified in Section II above; and (2) whether, on the basis of such violations, this Order should be sustained.


Donald F. Knuth
Director of Regulatory Operations

FOR THE ATOMIC ENERGY COMMISSION

DATED AT BETHESDA, MARYLAND

THIS 14TH DAY OF JUNE 1974

June 17, 1974

Note to File

ISOMEDIX, INCORPORATED, INVESTIGATION

to
This is just to record the fact that I had several conversations over the weekend of June 15, 1974, with Mr. Dietz (201-879-6066), President of Isomedix, Inc., and Mr. Maysfield, principal owner and Chairman of the Board, Isomedix, Inc.

During these conversations, I informed them of the Show Cause Order for both facilities; the press releases; results of the special investigation inspection of their Chicago facility and the resultant press release and relaxation of the order; and discussions about the health and welfare of his injured employee.

I also discussed with Mr. Maysfield at length the relationship of our medical consultant ~~with the medical responsibility~~^{to} attending physicians at St Barnabas Hospital.

Mr. Maysfield was particularly interested in this aspect because he had received several questions from the physicians at St Barnabas. During a subsequent telephone call, following the call when this subject^{was} introduced, Mr. Maysfield said that this problem had disappeared following a meeting he and the staff had with Dr. Wald on Sunday morning, June 16.

Based on all these conversations, I believe that the situation is going as well as can be expected. Mr. Maysfield is working actively in the medical interests of the patient and simultaneously working to upgrade his operation so that he will be in the best position possible to get it returned to operations pending the completion and resolution of our enforcement actions (as appropriate).

Dictated by JPO'R

Jim

cc: Nelson

File

June 17, 1974

Note to Principal Staff
Middle Managers

FORMAT

I have attached for your information a recent "Order to Show Cause and Order
Suspending License". Please include this in your files as a "quick and dirty" reference
in case any of you have to draft up a "Show Cause Order" on short notice.

Dictated by JPO'R

Jim

Enclosure:
as stated

copy of Code received by
license thru mail.

⑤

BYPRODUCT MATERIAL
LICENSE NO. 29-15364-01 AND
LICENSE NO. 29-15364-02

I

II

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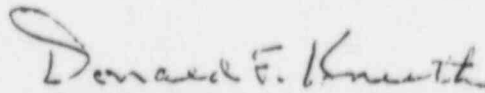
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Donald F. Knuth
Director of Regulatory Operations

FOR THE ATOMIC ENERGY COMMISSION

DATED AT BETHESDA, MARYLAND

THIS 14TH DAY OF JUNE 1974