

STATE OF INDIANA



INDIANAPOLIS, 46204

DEPARTMENT OF CIVIL DEFENSE
90 STATE OFFICE BUILDING
100 NORTH SENATE AVENUE

TELEPHONE: (317) 232-3830

October 9, 1985

Ms. Toye Simmons
Nuclear Regulatory Commission
799 Roosevelt Road
Glen Ellyn, IL 60137

RE: Radioactive Source Investigation
Plymouth, Indiana 9/23/85

Dear Ms. Simmons:

On September 23, 1985 this office was contacted by Mr. Creighton Holderead, Director, Marshall County Civil Defense. Mr. Holderead reported to Phil Roberts, Deputy Director, that a suspected radioactive source had been found at the scrap metal yard of Harry B. Franklin Co., Inc., 505 W. Garro, Plymouth, Indiana. Mr. Roberts contacted me at the Radiological Instrument Maintenance & Calibration Shop to inform me of Mr. Holderead's call. I contacted Mr. Holderead, who informed me he was detecting the presence of radiation from this unknown source with the Civil Defense type instrument, CDV-700.

I then contacted Hal Stocks, Radiological Health Officer, State Board of Health. He asked if I or someone from my department could follow up on this matter. Dave Yount and myself went to Plymouth, Indiana. We performed some basic wipe tests in and around the source. Wipes were tested with a Wm. B. Johnson GSM-5. No radiation was detected on any of the wipes. The source containment was clearly marked 100 milli-curies of AM-241, manufactured 1/18/79. Information on the front of the device was:

Industrial Dynamics Co., Ltd.
2927 Lomila Boulevard
Torrance, California

Serial #105-150
Model FT-12

8511040389 851029
IE GA999 EMVDMONT
99990003 PDR

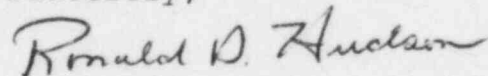
ATTACHMENT A

OCT 15 1985

October 9, 1985

We placed the device in a plastic bag; then into a cardboard box, monitored the surface areas and returned the device to Hal Stocks in Indianapolis. On Wednesday, September 25, 1985, Mr. Stocks contacted the Nuclear Regulatory Commission. Mr. Stocks reported to me that the device had been sold by Industrial Dynamics Co. to the R. J. Reynolds Food Co. of Dayton, Ohio. Mr. Stocks contacted Industrial Dynamics Co. who furnished a shipping container for return of the device to them for proper disposal. On September 26, 1985 material was shipped to Industrial Dynamics Co. from the Indiana State Board of Health.

Sincerely,

A handwritten signature in cursive script that reads "Ronald D. Hudson".

Ronald D. Hudson
RADEF Officer

RDH/ew

STATE BOARD OF HEALTH

INDIANAPOLIS

OFFICE MEMORANDUM

TO: Woodrow A. Myers, Jr., M.D.

DATE: October 9, 1985

THRU: Virgil J. Konopinski
Ralph C. Pickard

FROM: Hal S. Stocks

SUBJECT: Incident Involving Radioactive Source

Ronald Hudson, Indiana Department of Civil Defense (IDCD), contacted me on Monday, September 23, 1985, concerning a source of radioactive material found at a scrap yard in Marshall County. I told Mr. Hudson that the proper course of action was to check for contamination on the finder of the source and on the county CD director who handled it. After insuring that this contamination or any contamination in the vicinity of where it was found did not exist, I instructed him to then place the source in a plastic container and transport it to the ISBH. We would then identify the source and take appropriate action.

Mr. Hudson retrieved the source himself, following directions carefully, and delivered it to the Radiological Health Section. The source appeared to be part of a radioactive gauge utilized for density or moisture determinations. It was labeled "Caution, Radioactive Material", 100 mCi Am-241, Serial Number 105-150, Model FT-12, Industrial Dynamics Company, Torrence, California. I called Darrel Wiedeman from Region III, U.S. NRC in Glen Ellyn, Illinois, and recited the above information. The following calibrated Ludlum Geiger readings were reported to Mr. Wiedeman: open Geiger tube, source container closed, read 0.2 mR/hour at surface; open Geiger tube, source container opened, read 200 mR/hour at surface; closed Geiger tube, source container opened, read 30 mR/hour at surface. In a short time Mr. Wiedeman called and said the instrument was manufactured under a California Agreement State License, 1586-70 GL. It was sold to R. J. Reynolds Foods in Dayton, New Jersey. R. J. Reynolds told Mr. Wiedeman that the device had been sold to the Milupa Corporation in East Troy, Wisconsin. Milupa attested that the source had been returned to R. J. Reynolds Foods. Mr. Wiedeman assigned the task of finding how the device ended up at the Harry B. Franklin Scrap Metals facility in Plymouth, Indiana, to Ms. Toye Simmons, a health physicist investigator on his staff.

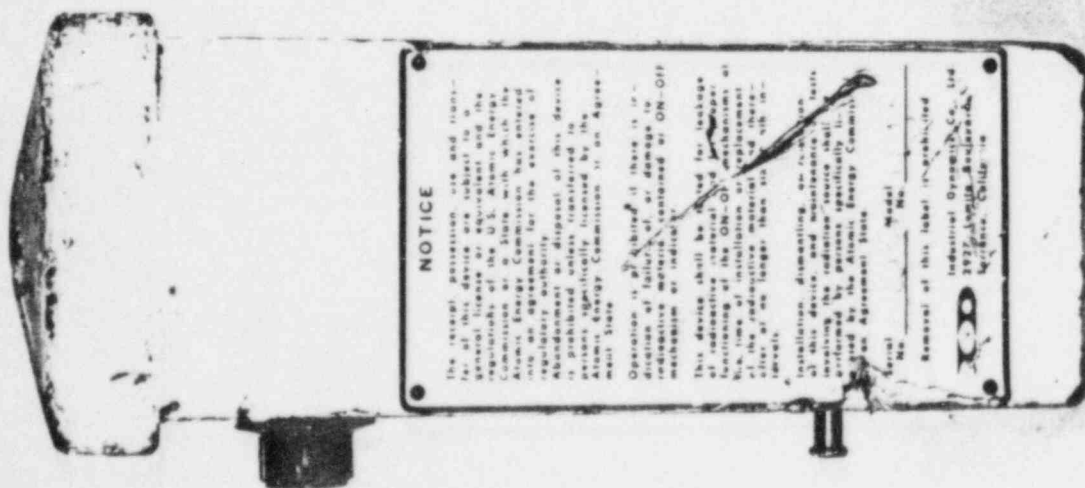
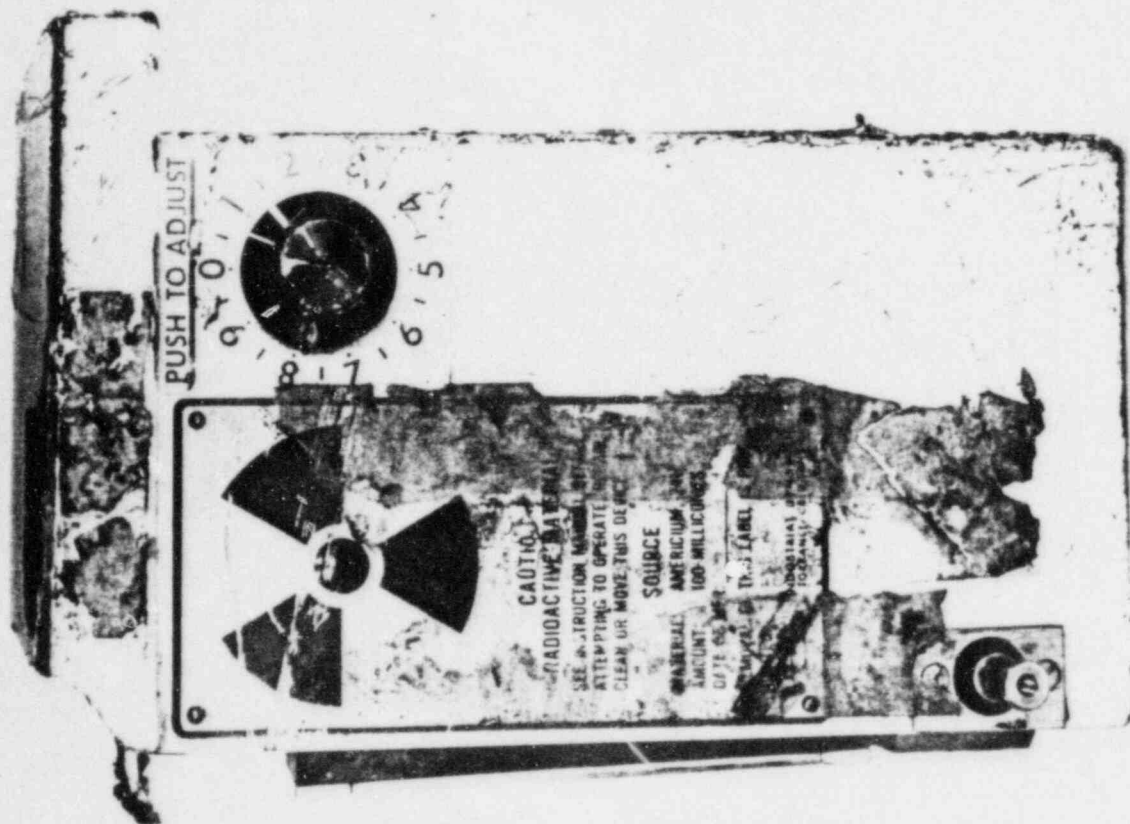
Mr. Wiedeman gave a telephone number for Industrial Dynamics. When called, they promised me a source container to ship the source back to them.

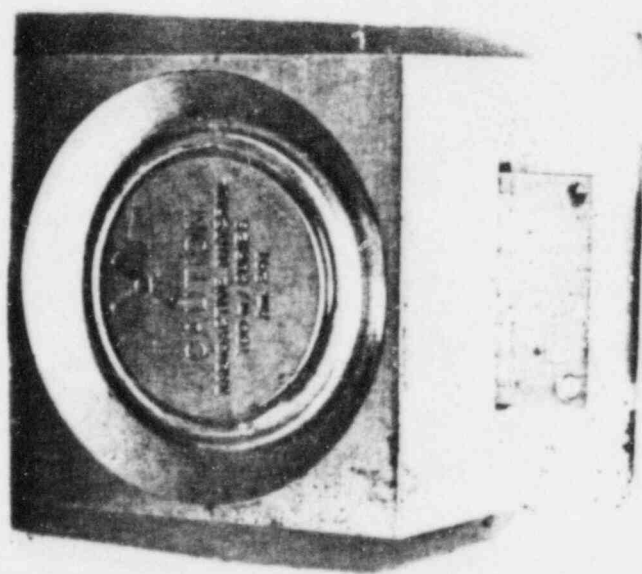
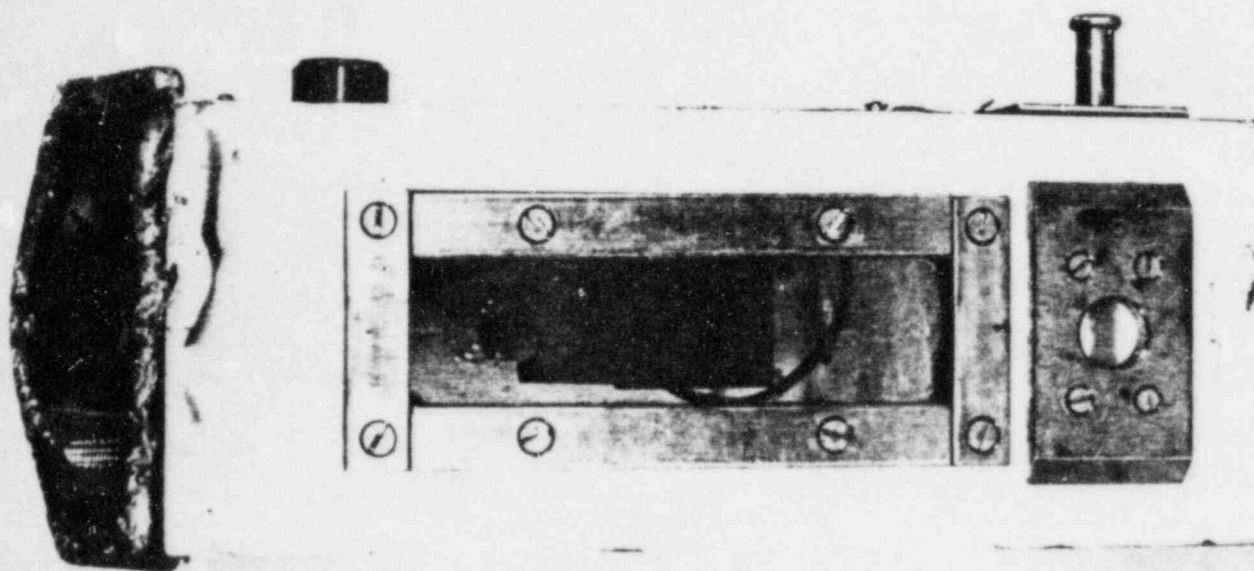
Michael Grider, ISBH photographer, produced photographs that displayed every number and letter on the device. The Radiological Health Section is appreciative of the excellent and prompt actions by all of the involved parties and wishes to commend them.

bcc: Toye Simmons ✓
Ronald Hudson

ATTACHMENT B

OCT 15 1985





INDUSTRIAL DYNAMICS COMPANY, LTD.
2927 LOMITA BOULEVARD
TORRANCE, CALIFORNIA 90509

LEAK TEST AND SOURCE INSPECTION CERTIFICATE

1.0 (LAST RECORDED)
CUSTOMER NAME AND ADDRESS:

RJR Roods, Inc.
Dayton - Jamesburg Road
Dayton, New Jersey
ATTN: Mr. Jerry Paris

2.0 WIPE TEST AND CERTIFICATION DATA:

2.1 WIPE TEST & SEAL(S) AFFIXED BY **
2.2 DATE OF WIPE TEST 9/30/85
2.3 RADIATION MEASUREMENTS MADE BY Larry Schmehl
2.4 DATE OF MEASUREMENTS 9/30/85

☐ CHECK IF NEW CONTACT

3.0 SOURCE *(100 MC AM-241) AND MACHINE DESCRIPTION:

*100 Mci = 3.7 GBq
**0.005 μ Ci = 0.185 Kbbq

3.1 MACHINE S/N	3.2 SOURCE S/N	3.3 SOURCE MOD. NO.		3.4 SHUTTER CONDITION		3.5 LABEL(S) CONDITION		3.6 WIPE TEST DATA **		3.7 PLASTIC WINDOW		3.8 CONDITION INSIDE UNIT		3.9 LEAD SEAL AFFIXE
		6110	6765	MAN	AUTO	OK	REPL	OK	>.005 μ C	OK	REPL	OK	REPAIR	
105150	2816	X		X				X						

COMMENTS: ** Source returned to IDC on 9/30/85
by Mr. Hal Stocks, Indiana State Bd. of Hlth.

Source located inside Inspection Head of Machine at
Form No. 072 (6/84) Harry D. Colton Scrap Metals/Plymouth, IN.

CERTIFIED BY: Fred L. Calhoun
Fred L. Calhoun

TITLE: Radiation Safety Officer



INDUSTRIAL DYNAMICS Company, Ltd.

ATTACH 3

2927 LOMITA BOULEVARD • TORRANCE, CALIFORNIA 90509 U.S.A. • TELEPHONE: 213-325-5633 • TWX: 910-347 6230 INDUSCO

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RJR FOODS, INC.
P.O. BOX 3037
WINSTON-SALEM, N. CAROLINA 27102

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RJR FOODS, IND. C/O MILUPA CORP.
200 NORTH BEULAH STREET
EAST TROY, MI 48061
ATTN: MR. PHIL BOWMAN

T "ATTENTION PLANT PERSONNEL: DO NOT OPEN-
O SEALED RADIOISOTOPE SOURCE-HOLD FOR
IDC FIELD SERVICEMAN!"

INVOICE 11926/M/A

CUSTOMER'S ORDER NO. 71216

INVOICE DATE JULY 23, 1979

SHIPPING DATE JULY 23, 1979

TERMS: NET 30

F.O.B. POINT: Torrance, California CMC

PLEASE PAY FROM INVOICE. NO STATEMENT WILL BE SENT

ITEM	QUANTITY			DESCRIPTION	UNIT PRICE	TOTAL PRICE
	ORDERED	SHIPPED	BACK ORDER			
1	1	1	0	SEALED RADIOISOTOPE SOURCE CONTAINING 100 MILLICURIES OF AMERICIUM 241. DISTRIBUTED UNDER CALIFORNIA GENERAL LICENSE GL 1586-70. NOTE: THESE SOURCES ARE FOR THE FOLLOWING MACHINE SERIAL NUMBER 105150 SOURCE SERIAL NUMBER 2816 AIR FREIGHT -COLLECT- 15038607 TOTAL AMOUNT DUE:	\$ 500.00	\$ 500.00
						\$ 500.00

PACKED BY	CHECKED BY	VALUE	NO. PKGS.	SHIPPED VIA	WEIGHT
VP	VP	\$500.00	1	AIR FREIGHT-COLLECT	3 LBS

CLAIMS FOR LOSS OR DAMAGE MUST BE
BILL AND CARRIER'S O.S. & D. REPORT.

PORTED BY ORIGINAL BILL OF LADING. FREIGHT

FIELD SERVICE REPORT

PURPOSE: Installation

CONDITION FOUND:

Unit not centered over conveyor.
Located approx 6 ft from center.
Conveyor speed approx 125 FPM.

WORK PERFORMED:

Installed source & wipe tested.
Reinstalled unit properly.
Provided instruction.
Checkout completed; observed
production test run satisfactorily.

RECOMMENDATIONS:

N/A

UPON DEPARTURE

- ☒ MACHINE OPERATING SATISFACTORILY
☐ WORK NOT COMPLETE*
☐ CORRECTIVE ACTION* RECOMMENDED
☒ SOURCE REGISTRATION REQ'D - INST./REMOVAL
*EXPLAIN

RJR FOODS

PAGE 1 OF 1



INDUSTRIAL DYNAMICS CO. Ltd.

2927 LOMITA BOULEVARD • TORRANCE, CALIFORNIA 90509 • (213) 325-5633

DATE July 30, 79 REPORT NO. 642-B41

BILL TO Milupa Corp.

ATT'N. Mr. Henry Carlson

STREET 2004 N. Beulah Ave

CITY East Troy STATE Wisc. ZIP 53120

SERVICE CALL ☒ INSTALLATION ☐ REPAIR ☐ OTHER

☐ WIPE TEST ☐ WARRANTY

DATE REQUESTED July 23, 79

MODEL	EQUIPMENT SERVICED SERIAL NO.	SOURCE NO.
<u>ET-12 RAM</u>	<u>105150</u>	<u>2816</u>

LABOR SERVICE CHARGES

DATE	TIME IN	TIME OUT	HOURS			
			STRAIGHT	OVERTIME	DOUBLE	TRA
<u>7/30</u>	<u>630</u>	<u>400</u>	<u>1.5</u>	<u>0</u>	<u>0</u>	<u>3</u>

EXPENSES

AIR	AUTO	PER DIEM	LODGING	OTHER
	<u>150 M</u>			
	<u>22.50</u>			

QTY.	DELIVERED	PART	PRICE

1 WIPE TEST @ \$ N/A EACH.

TOTAL PARTS CHARGE

CUSTOMER ACKNOWLEDGEMENT MR. HENRY CARLSON PLEASE PRINT

Henry Carlson SIGNATURE

PURCHASE ORDER NO.

SERVICE ENGINEER Mike Szwed

SERVICE OFFICE Midwest PHONE NO. 312-276-7578

ATTACHMENT E

ATTACHMENT

RJR Foods, Inc.
Winston-Salem, N. C. 27102



March 28, 1980

Mr. C. R. Johnson, President
Milupa Corporation
48 Church Street
Canajoharie, NY 13317

Dear Mr. Johnson:

This letter is to confirm our oral agreement with Bob Pekel, of Milupa Corporation, to terminate our copacker agreement, dated May 25, 1979. The effective date of termination is April 1, 1980. No further production will be needed at your facility.

You have produced more than the 960,000 5½ oz. bottles of Milk Mate guaranteed in the Agreement. 25,019 cases of 20 oz. bottles were produced against the guarantee of 200,000 cases. As the Agreement calls for a reimbursement of \$0.05 per case on the shortfall, we owe Milupa \$8,749.05. Please invoice us for this amount.

Roger Simmons will contact Bob Pekel regarding the disposition of the equipment.

We have enjoyed our association with you and your people.

Sincerely,

James A. Merrill

James A. Merrill
Director of Manufacturing

JAM:ne

cc: Mr. Bob Pekel

This Memorandum is an acknowledgment that a Bill of Lading has been issued and is not the Original Bill of Lading, nor a copy or duplicate, covering the property named herein, and is intended solely for filing or record.

RJR FLEET TRUCK - DAYTON

Shipper's No. 2267

Carrier's No.

RECEIVED subject to the classifications and tariffs in effect on the date of the receipt by the carrier of the property described in the Original Bill of Lading.

at East Troy, WI

May 7

19 80

From Milupa Corporation

the property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated below, which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each carrier of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the terms and conditions of the Uniform Domestic Straight Bill of Lading set forth (1) in Official, Southern, Western and Illinois Freight Classifications in effect on the date hereof, if this is a rail or rail-water shipment, or (2) in the applicable motor carrier classification or tariff if this is a motor carrier shipment.

Shipper hereby certifies that he is familiar with all the terms and conditions of the said bill of lading, including those on the back thereof, set forth in the classification or tariff which governs the transportation of this shipment, and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

Consigned to RJR Foods, Inc.

Dayton-Jamesburg Road

(Mail or street address of consignee - For purposes of notification only.)

Destination Dayton

State NJ

County

Delivery Address *

(* To be filled in only when shipper desires and governing tariffs provide for delivery thereat.)

Route

Delivering Carrier

Car or Vehicle Initials 37

No. 310

No. Packages	Kind of Package, Description of Articles, Special Marks and Exceptions	*WEIGHT (Subject to Correction)	Class or Rate	Check Column	Subject to Section 7 of Conditions of applicable bill of lading, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement: The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges. (Signature of Consignor) If charges are to be prepaid, write or stamp here. To be prepaid. Collect Rec'd \$ to apply in prepayment of the charges on the property described hereon. Agent or Cashier Per (The signature here acknowledges only the amount prepaid.) Charges Advanced
	Liquid Sugar Meter & Accessories	JK			
	APV Heat Exchanger W/Water set & Accessories	JK			
	Process Controls, Peco & Accessories	JK			
	Refractometer ABBE 3-L & Accessories	JK			
	Spectrophotometer B&L & Accessories	JK			
	Process Piping & Accessories	JK			
	Water Meter & Accessories	JK			
	Taylor Water Temp. Control Valve & Accessories	JK			
	Lab Scale & Accessories	JK			
	Tri-Clover Valves & Accessories	JK			
	Control Panels & Accessories	JK			
	Incubator & Accessories did not ship				
	Hooke Water Bath & Accessories	JK			
	Liquid Level Detector & Accessories	JK			

*If the shipment moves between two ports by a carrier by water, the law requires that the bill of lading shall state whether it is a carrier's or shipper's weight.

NOTE—Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property.

The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding

The above boxes used for this shipment conform to the specifications set forth in the box maker's certificate thereon, and all other requirements of the Consolidated Freight Classification.

Milupa Corporation

Shipper, Per

Agent, Per

Permanent post-office address of shipper 2004 Beulah Ave., East Troy, WI 53120

milupa corporation

2004 N. BEULAH AVE.
E. TROY, WISCONSIN 53120 • 414/642-7341

May 9, 1980

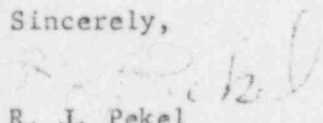
Mr. Jim Merrill
RJR Foods, Inc.
P.O. Box 3037
Winston-Salem, NC 27102

Dear Mr. Merrill:

We wish to inform you that all equipment and accessories belonging to RJR Foods has been removed and shipped from the East Troy facility (Milupa Corp. - Warehouse 424). This was done under the supervision of Mr. Jerry Parris. Effective May 9, 1980 there is no equipment or accessory belonging to RJR Foods remaining at the East Troy facility.

I wish to thank you for your cooperation and also inform you that Mr. Parris was very instrumental in the swift and effective removal of the equipment. He was very cooperative and knowledgeable in his job. He is an excellent representative of RJR Foods.

Sincerely,


R. J. Pekel
Operations Manager

cc: E. Woods
C. R. Johnson

Chronology Gauge S/N 105150 - Source No. 28161979

Industrial Dynamics, Ltd. Torrence, CA sold a fill level gauge containing 100 mCi Am-241 to RJR Foods, Wiston-Salem, N.C.

Industrial Dynamics, Ltd. installed the unit at Milupa Corp., East Troy, WI on 7/30/79

1980 - 1981

RJR Foods merged with Del Monte Corp.

RJR Foods/Del Monte removed the gauge from Milupa Corp. 5/30 and transferred it to Del Monte Corp, Dayton N.J. where it went into storage.

1982

The gauge was sent to Del Monte, Plymouth, IN where it was placed in storage.

1985

Between 7/5/85 and 8/21/85 gauge was discarded in dumpster provided by Franklin Scrap Yard

The dumpster was picked up at Del Monte 8/21/85

On 9/17/85 Franklin Scrap Yard sent scrap to Merviss & Sons scrap yard located in Kokomo, IN

Between the 17th and 20th Mervis & Sons discovered the gauge. Mr. Mervis contacted Mr. Morris of the Franklin Yard.

Mr. Morris sent a driver down to pick it up.

Mr. Morris contacted the Civil Defense office.

Mr. Holderead^{of Local Civil Defense office} took the gauge to his office and contacted the state Civil Defense office in Indianapolis. Mr. Ron Hudson of the Indianapolis Civil Defense transported the gauge to the Indiana State Board of Health on 9/23/85. Mr. Hal Stocks took possession of the gauge. His office performed a survey and a leak test. The survey results are as follows:

Gauge in the on position:	surface (probe window open)	200 mr/hr
	surface (probe window closed)	30 mr/hr

Gauge in off position:	surface (probe window open)	0.2 mr/hr
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Measurements taken with a Ludlum - last calibration date 1/85

Leak test results: less than .005uCi

Region III notified 9/25/85

On 9/26/85 ISBH shipped gauge to Industrial Dynamics Ltd.

On 9/30/85 manufacturer leak tested source results: < .005 uCi

SAMPLE ONLY



INDUSTRIAL DYNAMICS COMPANY, LTD.

2927 Lomita Boulevard • P.O. Box 2945 • Torrance, California 90509-2945 U.S.A.

Phone: (213) 325-5633 • Telex Intl. 4720345 • N.A. 664205

REFERENCE: FILTEC MODEL FT-12
Inspection System Serial
No. 103411

SOURCE Serial No. 1220

Date October 03, 1985

RJR FOODS, INC.
506 W. North Street
Plymouth, Indiana 46563

Attention: Mr. Paul Crane

Dear Sir:

Industrial Dynamics' FILTEC utilizes a radioisotope as a source of radiation. This radioisotope source (SOURCE) is distributed to you under a General License issued to us by the State of California. As a General Licensee, using a generally licensed device, you must operate and maintain the FILTEC in accordance with the rules and regulations set forth by your Regulatory Agency. These regulations require that you register the SOURCE within 30 days after its receipt! This is your responsibility and should be attended to immediately! We have supplied information to assist you in the registration of the SOURCE, but if you should require additional data, please contact us immediately.

X

We have enclosed the Registration Forms and instructions for registering the SOURCE in your state. Please complete the forms and mail to your State Agency.

N/A

Please contact your Regulatory Agency (see enclosure) and request the necessary Registration Forms and instructions for registering the SOURCE. (Your Agency prefers to send the necessary forms directly to you.)

The following information is enclosed pertaining to the FILTEC and its SOURCE. File them in a safe place for future reference.

1. Industrial Dynamics' "FILTEC Radioisotope Source Information Manual".
2. Radiation Rules and Regulations applicable to your FILTEC.
3. The address and telephone number of the nearest office of Agency having regulatory responsibility for your SOURCE.

Continued.....

APPENDIX 2

INSPECTION

filtec

SYSTEMS

The specifications on the FILTEC and its SOURCE are listed below:

Name and Model of Machine -----FILTEC, Model FT-12
Radioactive Material (Ceramic Enamel Form) -----Americium-241
Sealed SOURCE Model No. -----06110
Quantity of Radioactive Material -----100 Millicuries ea.
Use-----Gamma Density Measuring Gauge
Industrial Dynamics' General Distribution License No.-GL1586-70

The FILTEC will be shipped to your plant without the SOURCE. This allows your plant personnel to begin preparation for machine installation prior to the arrival of our Field Service Representative. When you are prepared to install and check out the FILTEC, please contact our Field Service Department to confirm an installation date. Once the installation date is confirmed, the SOURCE will be sent to you by the following method:

- ☒ The SOURCE will be shipped by Air Freight directly to your plant and marked to your attention. You should place the SOURCE in a safe place (a locked area with limited access) until our Service Representative arrives. DO NOT OPEN THE SOURCE PACKAGE. If the package is damaged, please notify us immediately!
- ☐ Our Field Service Representative will hand carry the SOURCE to your plant for installation and checkout.
- ☐ Other:

IMPORTANT NOTICE

Regulations prohibit the installation of the SOURCE in the FILTEC unit by unqualified personnel. Industrial Dynamics' or other qualified agents must be employed to install the SOURCE in the machine.

Once the SOURCE is installed, dismantling or relocation of the FILTEC unit or maintenance and tests involving the SOURCE shall be performed by persons specifically licensed by the Nuclear Regulatory Commission or your State Agency.

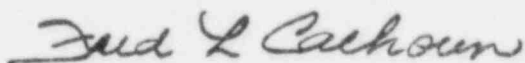
Attachments to this letter show the information given on the label(s) affixed to your FILTEC equipment. The information on the label(s), as well as the other enclosed data, should be carefully studied to insure that you comply with all the radiation regulations and that proper operation and maintenance on your FILTEC unit is achieved.

Continued

One very important regulation will be mentioned regarding the radiation leak test requirements on the SOURCE. A leak test will be performed when the FILTEC is installed, and the tests must be conducted at six month intervals thereafter. These tests must be made by an agency authorized by your state or the Nuclear Regulatory Commission to conduct wipe tests on Americium-241. If you are unable to locate such an agency near your installation, Industrial Dynamics is authorized to make these tests.

Yours very truly,

INDUSTRIAL DYNAMICS COMPANY, LTD.



Fred L. Calhoun
Radiation Safety Officer

FLC:ab

Enclosures

UNITED STATES NUCLEAR REGULATORY COMMISSION RULES and REGULATIONS

TITLE 10, CHAPTER 1, CODE OF FEDERAL REGULATIONS—ENERGY

PART 31

GENERAL DOMESTIC LICENSES FOR BYPRODUCT MATERIAL[†]

- Sec.
- 31.1 Purpose and scope.
 - 31.2 Terms and conditions.
 - 31.3 Certain devices and equipment.
 - 31.5 Certain measuring, gauging or controlling devices.
 - 31.6 General license to install devices generally licensed in § 31.5.
 - 31.7 Luminous safety devices for use in aircraft.
 - 31.8 Americium-241 in the form of calibration or reference sources.
 - 31.9 General license to own byproduct material.
 - 31.10 General license for strontium-90 in ice detection devices.
 - 31.11 General license for use of byproduct materials for certain in vitro clinical or laboratory testing.

AUTHORITY: Secs. 81, 161, 163, 68 Stat. 935, 948, 954, as amended; 42 U.S.C. 2111, 2201, 2233. For the purposes of sec. 223, 68 Stat. 958, as amended; 42 U.S.C. 2273, 31.5(d)(5), 31.6(a) and 31.11(e) issued under sec. 161 o., 68 Stat. 950, as amended; 42 U.S.C. 2201(o), unless otherwise noted.

§ 31.1 Purpose and scope.

This part establishes general licenses for the possession and use of byproduct material contained in certain items and a general license for ownership of byproduct material. Part 30 of this chapter also contains provisions applicable to the subject matter of this part.

§ 31.2 Terms and conditions.

(a) The general licenses provided in this part are subject to the provision of §§ 30.14(d), 30.34(a) to (e), 30.41, 30.51 to 30.63 and Parts 19, 20, and 21 of this chapter¹ unless indicated otherwise in the language of the general license.

¹ Attention is directed particularly to the provisions of the regulations in Part 20 of this chapter which relate to the labeling of containers.

§ 31.3 Certain devices and equipment.

A general license is hereby issued to transfer, receive, acquire, own, possess and use byproduct material incorporated in the following devices or equipment which have been manufactured, tested and labeled by the manufacturer in accordance with the specifications contained in a specific license issued to him by the Commission.

(a) *Static elimination device.* Devices designed for use as static eliminators which contain, as a sealed source or sources, byproduct material consisting of a total of not more than 500 microcuries of polonium-210 per device.

(b) [Deleted 34 FR 6651.]

(c) [Deleted 35 FR 3982.]

(d) *Ion generating tube.* Devices designed for ionization of air which contain, as a sealed source or sources, byproduct material consisting of a total of not more than 500 microcuries of polonium-210 per device or of a total of not more than 50 millicuries of hydrogen-3 (tritium) per device.

§ 31.4 [Deleted 36 FR 16898.]

§ 31.5 Certain measuring, gauging or controlling devices.²

(a) A general license is hereby issued to commercial and industrial firms and research, educational and medical institutions, individuals in the conduct of their business, and Federal, State or local government agencies to acquire, receive, possess, use or transfer, in accordance with the provisions of paragraphs (b), (c) and (d) of this section, byproduct material contained in devices designed and

² Persons possessing byproduct material in devices under the general license in § 31.5 before Jan. 15, 1975 may continue to possess, use or transfer that material in accordance with the requirements of § 31.5 in effect on Jan. 14, 1975.

manufactured for the purpose of detecting, measuring, gauging or controlling thickness, density, level, interface location, radiation, leakage, or qualitative or quantitative chemical composition, or for producing light or an ionized atmosphere.

(b) The general license in paragraph (a) of this section applies only to byproduct material contained in devices which have been manufactured or initially transferred and labeled in accordance with the specifications contained in a specific license issued pursuant to § 32.51 of this chapter or in accordance with the specifications contained in a specific license issued by an Agreement State which authorizes distribution of the devices to persons generally licensed by the Agreement State.

(c) Any person who acquires, receives, possesses, uses or transfers byproduct material in a device pursuant to the general license in paragraph (a) of this section:

(1) Shall assure that all labels affixed to the device at the time of receipt and bearing a statement that removal of the label is prohibited are maintained thereon and shall comply with all instructions and precautions provided by such labels;

(2) Shall assure that the device is tested for leakage of radioactive material and proper operation of the on-off mechanism and indicator, if any, at no longer than six-month intervals or at such other intervals as are specified in the label; however;

(i) devices containing only krypton need not be tested for leakage of radioactive material, and

(ii) devices containing only tritium or not more than 100 microcuries of other beta and/or gamma emitting material or

PART 31 • GENERAL DOMESTIC LICENSES FOR BYPRODUCT MATERIAL

10 microcuries of alpha emitting material and devices held in storage in the original shipping container prior to initial installation need not be tested for any purpose;

(3) Shall assure that the tests required by paragraph (c)(2) of this section and other testing, installation, servicing, and removal from installation involving the radioactive materials, its shielding or containment, are performed:

(i) in accordance with the instructions provided by the labels; or

(ii) by a person holding a specific license pursuant to Parts 30 and 32 of this chapter or from an Agreement State to perform such activities;

(4) Shall maintain records showing compliance with the requirements of paragraphs (c)(2) and (c)(3) of this section. The records shall show the results of tests. The records also shall show the dates of performance of, and the names of persons performing, testing, installation, servicing, and removal from installation concerning the radioactive material, its shielding or containment.

Records of tests for leakage of radioactive material required by paragraph (c)(2) of this section shall be maintained for one year after the next required leak test is performed or until the sealed source is transferred or disposed of. Records of tests of the on-off mechanism and indicator, required by paragraph (c)(2) of this section, shall be maintained for one year after the next required test of the on-off mechanism and indicator is performed or until the sealed source is transferred or disposed of. Records which are required by paragraph (c)(3) of this section shall be maintained for a period of two years from the date of the recorded event or until the device is transferred or disposed of.

(5) Upon the occurrence of a failure of or damage to, or any indication of a possible failure of or damage to, the shielding of the radioactive material or the on-off mechanism or indicator, or upon the detection of 0.005 microcurie or more removable radioactive material, shall immediately suspend operation of the device until it has been repaired by the manufacturer or other person holding a specific license pursuant to Parts 30 and 32 of this chapter or from an Agreement State to repair such devices, or disposed of by transfer to a person authorized by a specific license to receive the byproduct material contained in the device and, within 30 days, furnish to the Director of the appropriate Nuclear Regulatory Com-

mission Inspection and Enforcement Regional Office listed in Appendix D of Part 20 of this chapter, a report containing a brief description of the event and the remedial action taken;

(6) Shall not abandon the device containing byproduct material;

(7) Shall not export the device containing byproduct material except in accordance with Part 110 of this chapter;

(8) Except as provided in paragraph (c)(9) of this section, shall transfer or dispose of the device containing byproduct material only by transfer to a person holding a specific license pursuant to Parts 30 and 32 of this chapter or from an Agreement State, to receive the device and within 30 days after transfer of a device to a specific licensee shall furnish to the Director of Nuclear Material Safety and Safeguards, U.S. Nuclear Regulatory Commission, Washington, D.C. 20555, a report containing identification of the device by manufacturer's name and model number and the name and address of the person receiving the device. No report is required if the device is transferred to the specific licensee in order to obtain a replacement device;

(9) Shall transfer the device to another general licensee only:

(i) Where the device remains in use at a particular location. In such case the transferor shall give the transferee a copy of this section and any safety documents identified in the label of the device and within 30 days of the transfer, report to the Director of Nuclear Material Safety and Safeguards, U.S. Nuclear Regulatory Commission, Washington, D.C. 20555, the manufacturer's name and model number of device transferred, the name and address of the transferee, and the name and/or position of an individual who may constitute a point of contact between the Commission and the transferee; or

(ii) Where the device is held in storage in the original shipping container at its intended location of use prior to initial use by a general licensee.

(10) Shall comply with the provisions of §§ 20.402 and 20.403 of this chapter for reporting radiation incidents, theft or loss of licensed material, but shall be exempt from the other requirements of Parts 19, 20, and 21 of this chapter.

(d) The general license in paragraph (a) of this section does not authorize the manufacture or import of devices containing byproduct material.

§ 31.6 General license to install devices generally licensed in § 31.5.

Any person who holds a specific license issued by an Agreement State authorizing the holder to manufacture, install, or service a device described in § 31.5 within such Agreement State is hereby granted a general license to install and service such device in any non-Agreement State and a general license to install and service such device in offshore waters, as defined in § 150.3(f) of this chapter. *Provided, That:*

(a) [Deleted 39 FR 43531.]

(b) The device has been manufactured, labeled, installed, and serviced in accordance with applicable provisions of the specific license issued to such person by the Agreement State.

(c) Such person assures that any labels required to be affixed to the device under regulations of the Agreement State which licensed manufacture of the device bear a statement that removal of the label is prohibited.

(d) [Deleted 39 FR 43531.]

§ 31.7 Luminous safety devices for use in aircraft.

(a) A general license is hereby issued to own, receive, acquire, possess, and use tritium or promethium-147 contained in luminous safety devices for use in aircraft, provided each device contains not more than 10 curies of tritium or 300 millicuries of promethium-147 and that each device has been manufactured, assembled or initially transferred in accordance with a license issued under the provisions of § 32.53 of this chapter or manufactured or assembled in accordance with a specific license issued by an Agreement State which authorizes manufacture or assembly of the device for distribution to persons generally licensed by the Agreement State.

(b) Persons who own, receive, acquire, possess or use luminous safety devices pursuant to the general license in this section are exempt from the requirements of Parts 19, 20, and 21 of this chapter, except that they shall comply with the provisions of §§ 20.402 and 20.403 of this chapter.

(c) This general license does not authorize the manufacture, assembly, repair or import of luminous safety devices containing tritium or promethium-147.

(3) Records of disposal of licensed materials made pursuant to §§ 20.302, 20.303, removed § 20.304, and Part 61 of this chapter are to be maintained until the Commission authorizes their disposition.

(4) Records which must be maintained pursuant to this part may be the original or a reproduced copy or microform if such reproduced copy or microform is duly authenticated by authorized personnel and the microform is capable of producing a clear and legible copy after storage for the period specified by Commission regulations.

(5) If there is a conflict between the Commission's regulations in this part, license condition, or technical specification, or other written Commission approval or authorization pertaining to the retention period for the same type of record, the retention period specified in the regulations in this part for such records shall apply unless the Commission pursuant to § 20.501, has granted a specific exemption from the record retention requirements specified in the regulations in this part.

§ 20.402 Reports of theft or loss of licensed material.

(a) Each licensee shall report by telephone to the Director of the appropriate Nuclear Regulatory Commission Regional Inspection and Enforcement Office listed in Appendix D of this part, immediately after its occurrence becomes known to the licensee, any loss or theft of licensed material in such quantities and under such circumstances that it appears to the licensee that a substantial hazard may result to persons in unrestricted areas.

(b) Each licensee who is required to make a report pursuant to paragraph (a) of this section shall, within thirty (30) days after he learns of the loss or theft, make a report in writing to the appropriate NRC Regional Office listed in Appendix D of this part with copies to the Director of Inspection and Enforcement, U.S. Nuclear Regulatory Commission, Washington, D.C. 20555, setting forth the following information:

Section 20.304 provided for burial of small quantities of licensed materials in soil. Notice of its deletion appears in the FEDERAL REGISTER of October 30, 1980 (45 FR 71762).

(1) A description of the licensed material involved, including kind, quantity, chemical, and physical form;

(2) A description of the circumstances under which the loss or theft occurred;

(3) A statement of disposition or probable disposition of the licensed material involved;

(4) Radiation exposures to individuals, circumstances under which the exposures occurred, and the extent of possible hazard to persons in unrestricted areas;

(5) Actions which have been taken, or will be taken, to recover the material; and

(6) Procedures or measures which have been or will be adopted to prevent a recurrence of the loss or theft of licensed material.

(c) Subsequent to filing the written report the licensee shall also report any substantive additional information on the loss or theft which becomes available to the licensee, within 30 days after he learns of such information.

(d) Any report filed with the Commission pursuant to this section shall be so prepared that names of individuals who may have received exposure to radiation are stated in a separate part of the report.

§ 20.403 Notifications of incidents.

(a) Immediate notification. Each licensee shall immediately notify by telephone and telegraph, mailgram, or facsimile, the Director of the appropriate NRC Regional Office listed in Appendix D of this part of any incident involving byproduct, source, or special nuclear material possessed by him and which may have caused or threatens to cause:

(1) Exposure of the whole body of any individual to 25 rems or more of radiation; exposure of the skin of the whole body of any individual of 150 rems or more of radiation; or exposure of the feet, ankles, hands or forearms of any individual to 375 rems or more of radiation; or

(2) The release of radioactive material in concentrations which, if averaged over a period of 24 hours, would exceed 5,000 times the limits specified for such materials in Appendix B, Table II of this part; or

(3) A loss of one working week or more of the operation of any facilities affected; or

(4) Damage to property in excess of \$200,000.

(b) Twenty-four hour notification. Each licensee shall within 24 hours notify by telephone and telegraph, mailgram, or facsimile, the Director of the appropriate NRC Regional Office listed in Appendix D of this part of any incident involving licensed material possessed by him and which may have caused or threatens to cause:

(1) Exposure of the whole body of any individual to 5 rems or more of radiation; exposure of the skin of the whole body of any individual to 30 rems or more of radiation; or exposure of the feet, ankles, hands, or forearms to 75 rems or more of radiation; or

(2) The release of radioactive material in concentrations which, if averaged over a period of 24 hours, would exceed 500 times the limits specified for such materials in Appendix B, Table II of this part; or

(3) A loss of one day or more of the operation of any facilities affected; or

(4) Damage to property in excess of \$2,000.

(c) Any report filed with the Commission pursuant to this section shall be prepared so that names of individuals who have received exposure to radiation will be stated in a separate part of the report.

(d) For nuclear power reactors licensed under § 50.21 or § 50.22, the incidents included in paragraph (a) and paragraph (b) in this section shall in addition be reported pursuant to § 50.72.

§ 20.404 [Reserved]

§ 20.405 Reports of overexposures and excessive levels and concentrations.

(a) In addition to any notification required by § 20.403, each licensee shall make a report in writing within 30 days to the Regional Office listed in Appendix D of this part, with a copy to the Director of Inspection and Enforcement, U.S. Nuclear Regulatory Commission, Washington, D.C. 20555, of:

(1) Each exposure of an individual to radiation in excess of the applicable limits in §§ 20.101 or 20.104(a) or the license; (2) each exposure of an individual to radioactive material in excess of the applicable limits in §§ 20.103(a)(1), 20.103(a)(2), 20.104(b) or the license; (3) levels of radiation or concentrations of radioactive material in a restricted area in excess of any other applicable limit in the license; (4) any incident for which notification is required by § 20.403; and (5) levels of radiation or concentrations of radioactive material (whether or not invol-

PART 20 • STANDARDS FOR PROTECTION AGAINST RADIATION

ing excessive exposure of any individual in an unrestricted area in excess of ten times any applicable limit set forth in this part or in the license.

Each report required under this paragraph shall describe the extent of exposure of individuals to radiation or to radioactive material, including estimates of each individual's exposure as required by paragraph (b) of this section; levels of radiation and concentrations of radioactive material involved; the cause of the exposure, levels or concentrations; and corrective steps taken or planned to assure against a recurrence.

(b) Any report filed with the Commission pursuant to paragraph (a) of this section shall include for each individual exposed the name, social security number, and date of birth, and an estimate of the individual's exposure. The report shall be prepared so that this information is stated in a separate part of the report.

(c) In addition to any notification required by § 20.403, each licensee shall make a report in writing within 30 days to the appropriate NRC Regional Office listed in Appendix D, with a copy to the Director of Inspection and Enforcement, U.S. Nuclear Regulatory Commission, Washington, D.C. 20555, of levels of radiation or releases of radioactive material in excess of limits specified by 40 CFR Part 190, "Environmental Radiation Protection Standards for Nuclear Power Operations," or in excess of license conditions related to compliance with 40 CFR Part 190. Each report required under this paragraph shall describe the extent of exposure of individuals to radiation or to radioactive material; levels of radiation and concentrations of radioactive material involved; the cause of the exposure, levels or concentrations; and corrective steps taken or planned to assure against a recurrence, including the schedule for achieving conformance with 40 CFR Part 190 and associated license conditions.

§ 20.406 [Reserved]

§ 20.407 Personnel monitoring reports.

Each person described in § 20.408 of this part shall, within the first quarter of each calendar year, submit to the Director of Management and Program Analysis, U.S. Nuclear Regulatory Commission, Washington, D.C. 20555, the reports specified in paragraphs (a) and (b) of this section covering the preceding calendar year.¹ All other persons specifically licensed by the Commission shall, within the first

quarter of calendar years 1979 and 1980, submit to the Director of Management and Program Analysis, U.S. Nuclear Regulatory Commission, Washington, D.C. 20555, the reports specified in paragraphs (a) and (b) of this section covering the preceding calendar years 1978 and 1979.^{1,2}

(a) A report of either (1) the total number of individuals for whom personnel monitoring was required under § 20.202(a) or § 34.33(a) of this chapter during the calendar year; or (2) the total number of individuals for whom personnel monitoring was provided during the calendar year. Provided, however, That such total includes at least the number of individuals required to be reported under paragraph (a)(1) of this section. The report shall indicate whether it is submitted in accordance with paragraph (a)(1) or (a)(2) of this section. If personnel monitoring was not required to be provided to any individual by the licensee under §§ 20.202(a) or 34.33(a) of this chapter during the calendar year, the licensee shall submit a negative report indicating that such personnel monitoring was not required.

(b) A statistical summary report of the personnel monitoring information recorded by the licensee for individuals for whom personnel monitoring was either required or provided, as described in paragraph (a) of this section, indicating the number of individuals whose total whole body exposure recorded during the previous calendar year was in each of the following estimated exposure ranges:

Estimated whole body exposure range (rems) ¹	Number of individuals in each range
No measurable exposure	
Measurable exposure less than 0.1	
0.1 to 0.25	
0.25 to 0.5	
0.5 to 0.75	
0.75 to 1	
1 to 2	
2 to 3	
3 to 4	
4 to 5	
5 to 6	
6 to 7	
7 to 8	
8 to 9	
9 to 10	
10 to 11	
11 to 12	
12 +	

¹Individual values exactly equal to the values separating exposure ranges shall be reported in the higher range.

The low exposure range data are required in order to obtain better information about the exposures actually recorded. This section does not require improved measurements.

²A licensee whose license expires or terminates prior to, or on the last day of the calendar year, shall submit reports at the expiration or termination of the license, covering that part of the year during which the license was in effect.

§ 20.408 Reports of personnel monitoring on termination of employment or work.

(a) This section applies to each person licensed by the Commission to:

(1) Operate a nuclear reactor designed to produce electrical or heat energy pursuant to § 50.21(b) or § 50.22 of this chapter or a testing facility as defined in § 50.2(r) of this chapter;

(2) Possess or use byproduct material for purposes of radiography pursuant to Parts 30 and 34 of this chapter;

(3) Possess or use at any one time, for purposes of fuel processing, fabricating, or reprocessing, special nuclear material in a quantity exceeding 5,000 grams of contained uranium-235, uranium-233, or plutonium or any combination thereof pursuant to Part 70 of this chapter;

(4) Possess high-level radioactive waste at a geologic repository operations area pursuant to Part 60 of this chapter; or

(5) Possess spent fuel in an independent spent fuel storage installation (ISFSI) pursuant to Part 72 of this chapter; or

(6) Possess or use at any one time, for processing or manufacturing for distribution pursuant to Parts 30, 32, or 33 of this Chapter, byproduct material in quantities exceeding any one of the following quantities:

Radionuclide ¹	Quantity in curies
Cesium-137	1
Cobalt-60	1
Gold-198	100
Iodine-131	1
Iridium-192	10
Krypton-85	1,000
Promethium-147	10
Technetium-99m	1,000

¹The Commission may require, as a license condition, or by rule, regulation or order pursuant to § 20.502, reports from licensees who are licensed to use radionuclides not on this list, in quantities sufficient to cause comparable radiation levels.

(7) Receive radioactive waste from other persons for disposal under Part 61 of this chapter.

²The Commission will evaluate the data obtained for 1978 and 1979 pursuant to this paragraph, and the benefits derived therefrom and may take action, including publication of notice of proposed rulemaking, to extend or otherwise modify this reporting requirement.

INSTRUCTIONS FOR FILLING OUT REGISTRATION FORMS

Return completed forms to: Indiana State Board of Health
Division of Sanitary Engineering
1330 West Michigan Street
Indianapolis 7, Indiana

- A. PLEASE TYPE OR PRINT WITH SOFT PENCIL OR BLACK INK.
- B. Fill out all the blanks applicable to your installation. DO NOT USE CHECK MARKS.
- C. Attach sheets to the registration form if needed.

- Item 1. The owner shall mean the person or organization having by law the administrative control of a source of radiation.
- Item 2. Radiation producing machines include x-ray machines, fluoroscopes, electron microscopes, x-ray diffraction apparatus, particle accelerators, reactors, etc. Radioactive materials include those incorporated in devices such as radioactive static eliminators, thickness gauges, instruments, etc. The word "possess" as used here includes ownership, rental, or lease of any radiation machine or other radioactive materials. If the answer to this question is "no," insert "no" in the space provided, sign the space at the bottom of the form and mail to the State Board of Health, ~~in the enclosed envelope~~.
- Item 3. If your only use of radiation machines is as a test facility, the machines tested need not be listed under Items 6 or 7.
- Item 4. The "Person Responsible for Radiation Control" means the person to whom over-all responsibility for radiation control is assigned. If responsibility for radiation control is divided, list additional names, addresses, and titles on a separate sheet and indicate to whom correspondence concerning radiation control should be directed. If same as owner, insert "same."
- Item 5. If same as Item 1 or 4, insert "same as 1" or "same as 4". "Installation" means a location or establishment where one or more sources of radiation are used, operated or stored. A part of a building, an entire building, or a plant may be designated as an installation. If you have more than one installation, please prepare separate registration forms for each installation. Where mobile sources are involved, location means central headquarters for the source.
- Item 6. Under "Model" indicate year. Also under "Model" enter letter "M" if mobile, letter "P" if portable and letter "F" if fixed. "Use" means diagnostic, therapeutic, research, material analysis, industrial radiographic, inspection, etc. Under "Intensifying Screen Speed" insert the speed in terms specified by the manufacturer (slow, medium, fast). Under "Filter Thickness" indicate material and thickness in millimeters. Under "Film Speed" indicate film speed in the terms specified by the manufacturer (regular, fast, very fast, ultra fast, etc.).
- Item 7. Other Radiation Producing Equipment. "Type of Machine" means electron microscope, x-ray diffraction instruments, particle accelerators, nuclear reactors, static eliminators, etc. Under "Rating" indicate the energy of the machine in Mev., and intensity in ma. or roentgens per unit of time. If the radiation is produced by a radioactive material enter the isotope and the quantity in millicuries.
- Item 8.
 - a. Indicate total amount of radium on hand at any one time regardless of whether it is owned, rented, leased, or stored by the registrant.
 - b. For "form of source" indicate whether needle, capsule, plaque, tube, etc.
- Item 10. Other Radioactive Materials. Include accelerator produced radioactive materials, natural radioactive materials, radon, or any other radioactive materials not covered by Atomic Energy Commission license unless exempted from registration. Under "Chemical or Physical Form" indicate if the source is sealed or unsealed and whether in solid, liquid, or gaseous form. Under "Maximum Quantity" estimate the maximum quantity on hand at any one time during the past 12 months. Radon users should indicate maximum quantity obtained in any one shipment during the past 12 months.
- Item 11. "Have radiation surveys been made" means a survey of the occupied and adjacent areas.
- Signature If owner is other than an individual, the signature should be that of the manager or person of comparable status at the installation covered by the registration.

RADIOACTIVE MATERIAL REGISTRATION APPLICATION

FOR OFFICIAL USE
Do Not Write In This Space

MAIL ONE COPY TO: INDIANA STATE BOARD OF HEALTH, 1330 W. MICHIGAN STREET, INDIANAPOLIS, IN. 46206, ATTENTION: RADIOLOGICAL HEALTH, DIVISION OF INDUSTRIAL HYGIENE AND RADIOLOGICAL HEALTH. UPON APPROVAL OF THIS APPLICATION, THE APPLICANT WILL RECEIVE AN ISBH RADIOACTIVE MATERIAL REGISTRATION. AN ISBH RADIOACTIVE MATERIAL REGISTRATION IS ISSUED IN ACCORDANCE WITH THE GENERAL REQUIREMENTS CONTAINED IN THE RADIATION CONTROL ACT OF INDIANA (IC 1971, 13-1-2).

Co. Code

Reg.

1. (a) NAME OF REGISTRANT (Institution, firm, hospital, person, etc.)

RJR FOODS, INC.

(b) ADDRESS OF REGISTRANT (Include Zip)

506 W. North Street
Plymouth, Indiana 46563

Phone - -

Fac.

2. (a) COMPANY NAME AT WHICH RADIOACTIVE MATERIAL WILL BE USED

(b) ADDRESS OF COMPANY WHERE USED (Include Zip)

Phone - -

3. DEPARTMENT TO USE RADIOACTIVE MATERIAL

4. NRC LICENSE NUMBER(S), IF ANY (Also most recent amendment.)

5. INDIVIDUAL USER(S) (Name and Title of individual(s) who will use or directly supervise use of radioactive materials.)

6. RADIATION PROTECTION OFFICER (Name of person designated as radiation protection officer if other than individual user.)

Phone - -

7. SEALED SOURCE (Use additional sheets if required.)

	Element	Mass #	Maximum Activity (check appropriate unit)		Mfg. Name	Model #	Storage Container		Type of Device	Number of These Devices
							Make and Model # (if available)			
1	AIM	2411	11010	.mCi	Industrial Dynamics	06110	FT-12	FILTEC Fill		
2				.mCi				Level Inspector		
3				.mCi						
4				.mCi						
5				.mCi						
6				.mCi						

8. RADIOACTIVE MATERIAL (Use additional sheets if required.)

Element	Mass #	Maximum Activity (Check appropriate unit)	Chemical and/or Physical Form
1			mCi
2			mCi
3			mCi
4			mCi
5			mCi
6			mCi

9. DESCRIBE PURPOSE FOR WHICH RADIOACTIVE MATERIALS AND/OR SEALED SOURCES WILL BE USED

Fill Level Gauge (FT-12)

10. ALL INFORMATION CONTAINED HEREIN, INCLUDING ANY SUPPLEMENTS ATTACHED HERETO, IS TRUE AND CORRECT TO THE BEST OF OUR KNOWLEDGE AND BELIEF

BY: _____

DATE _____ APPLICANT NAME IN ITEM 1 _____

TITLE OF CERTIFYING OFFICIAL _____

RADIOACTIVE MATERIAL REGISTRATION APPLICATION

FOR OFFICIAL USE
Do Not Write In This Space

MAIL ONE COPY TO: INDIANA STATE BOARD OF HEALTH, 1330 W. MICHIGAN STREET, INDIANAPOLIS, IN. 46206, ATTENTION: RADIOLOGICAL HEALTH, DIVISION OF INDUSTRIAL HYGIENE AND RADIOLOGICAL HEALTH. UPON APPROVAL OF THIS APPLICATION, THE APPLICANT WILL RECEIVE AN ISBH RADIOACTIVE MATERIAL REGISTRATION. AN ISBH RADIOACTIVE MATERIAL REGISTRATION IS ISSUED IN ACCORDANCE WITH THE GENERAL REQUIREMENTS CONTAINED IN THE RADIATION CONTROL ACT OF INDIANA (IC 1971, 13-1-2).

Co. Code

Reg.

1. (a) NAME OF REGISTRANT (Institution, firm, hospital, person, etc.)

RJR FOODS, INC.

(b) ADDRESS OF REGISTRANT (Include Zip)

506 W. North Street
Plymouth, Indiana 46563

Phone - -

Fac.

2. (a) COMPANY NAME AT WHICH RADIOACTIVE MATERIAL WILL BE USED

(b) ADDRESS OF COMPANY WHERE USED (Include Zip)

Phone - -

3. DEPARTMENT TO USE RADIOACTIVE MATERIAL

4. NRC LICENSE NUMBER(S), IF ANY (Also most recent amendment.)

5. INDIVIDUAL USER(S) (Name and Title of individual(s) who will use or directly supervise use of radioactive materials.)

6. RADIATION PROTECTION OFFICER (Name of person designated as radiation protection officer if other than individual user.)

Phone - -

7. SEALED SOURCE (Use additional sheets if required.)

Element	Mass #	Maximum Activity (check appropriate unit)	Mfg. Name	Model #	Storage Container Make and Model # (if available)	Type of Device	Number of These Devices
1	AIM	2411	11010	Industrial Dynamics	06110	FT-12	FILTEC Fill
2							Level Inspector
3							
4							
5							
6							

8. RADIOACTIVE MATERIAL (Use additional sheets if required.)

Element	Mass #	Maximum Activity (Check appropriate unit)	Chemical and/or Physical Form
1			
2			
3			
4			
5			
6			

9. DESCRIBE PURPOSE FOR WHICH RADIOACTIVE MATERIALS AND/OR SEALED SOURCES WILL BE USED

Fill Level Gauge (FT-12)

10. ALL INFORMATION CONTAINED HEREIN, INCLUDING ANY SUPPLEMENTS ATTACHED HERETO, IS TRUE AND CORRECT TO THE BEST OF OUR KNOWLEDGE AND BELIEF

BY: _____

DATE _____ APPLICANT NAME IN ITEM 1 _____

TITLE OF CERTIFYING OFFICIAL _____

DO'S AND DON'T'S

DO.....

- ☒ REGISTER RADIOISOTOPE SOURCE(S) WITH YOUR STATE/REG. AGENCY WITHIN THE SPECIFIED NUMBER OF DAYS (SEE LETTER AND/OR IMPORTANT NOTICE [NOTE]) AFTER RECEIPT OF SAID SOURCE(S). IF NECESSARY, CONTACT YOUR STATE/REG. AGENCY TO OBTAIN REQUIRED REGISTRATION FORMS FOR YOUR RADIOISOTOPE SOURCE(S).
- ☒ COMPLY WITH ENCLOSED REGULATIONS REGARDING WIPE TESTS EVERY SIX MONTHS.
- ☒ MAINTAIN COPIES OF ALL RECORDS, RECEIPTS, TRANSFERS, LEAK TESTS, ETC. PERTAINING TO THE RADIOISOTOPE SOURCE(S).

DON'T.....

1. RUN WIPE TEST ON RADIOISOTOPE SOURCE(S) YOURSELF UNLESS YOU HAVE A SPECIFIC LICENSE TO DO SO.
2. OPEN OR TAMPER WITH THE ENCLOSURE CONTAINING THE RADIOISOTOPE SOURCE(S).
3. TRANSFER, ABANDON, OR DISPOSE OF THE RADIOISOTOPE SOURCE, EXCEPT BY TRANSFER TO A PERSON DULY AUTHORIZED TO RECEIVE SUCH DEVICE.

NOTE: IF YOU HAVE ANY QUESTIONS CONCERNING THE ABOVE, PLEASE CONTACT INDUSTRIAL DYNAMICS.

OFFICE OF AGENCY THAT HAS REGULATORY RESPONSIBILITY
FOR YOUR RADIOISOTOPE SOURCE

Indiana State Board of Health
1330 West Michigan Street
Indianapolis, Indiana 46207

Attn: Mr. Hal S. Stocks, Chief
Radiological Health Section
Division of Industrial Hygiene
& Radiological Health

Telephone: (317) 633-0150

NOTE: RADIOISOTOPE SOURCE MUST BE REGISTERED WITH
THIS AGENCY WITHIN 30 DAYS AFTER ITS RECEIPT!



INDUSTRIAL DYNAMICS COMPANY, LTD.

2927 Lomita Boulevard • P.O. Box 2945 • Torrance, California 90509-2945 U.S.A.

Phone: (213) 325-5633 • Telex Intl. 4720345 • N.A. 664205

REGIONAL OFFICES

For semi-annual wipe tests and/or service on your FILTEC equipment, please contact the office indicated below:



CALIFORNIA

Mr. Bob McKeand
Manager, Customer Service
2927 Lomita Boulevard
Torrance, California 90509

(213) 325-5633



WISCONSIN

Mr. Al Natole
Regional Manager
2040 W. Wisconsin Ave.
Suite 365
Milwaukee, Wisconsin 53233

(414) 931-8990



CANADIAN

Mr. Graham Gore
Regional Manager
200 Consumers Road
Suite 200
Willowdale, Ontario
Canada M2J 4R4

(416) 491-4339



NEW JERSEY

Mr. Ron Pokraka
Regional Manager
657 Bloomfield Avenue
P.O. Box 348
Bloomfield, New Jersey 07003

(201) 743-1222



GEORGIA

Mr. Don Webb
Regional Manager
814 Sandtown Road
Marietta, Georgia 30060

(404) 429-1974
429-1990