



REFRIGERATED FOODS ☐ DIVISION OF THE PILLSBURY COMPANY
111 GRANT LINE ROAD ☐ NEW ALBANY, INDIANA 47150

July 21, 1987

U.S. Nuclear Regulatory Commission
Region III
Material Licensing Section
799 Roosevelt Road
Glen Ellyn, IL 60137

License No. 13-18883-01

Gentlemen:

We are requesting an amendment to our Material License, No. 13-18883-01, to include the following:

1. Have sections 6E, 7B, 8B & 9B changed to the generic text for nuclear authority similar to "For possession and use in any devices which have been evaluated and approved for licensing purposes and authorized for distribution under a license issued by the Nuclear Regulatory Commission or an Agreement State."
2. Have the sentence "The use authorized is limited to devices for level measurements." deleted from section 9A.
3. Add a Condition to our Material License to change our calibration frequency of our Survey Meter from 6 months to 1 year.
4. Under Condition 15, we wish to add the names of John R. Hayes and Paul Kreamer as two people who are specifically authorized by the Commission to perform the necessary services. Enclosed are the Certificates of training for these two persons and an outline of the course they took. Also enclosed is a list of the procedures they will follow.

It is our intention at Pillsbury, New Albany, In. to perform all installations, relocations, receive, handle, collect the leak test, and perform initial radiation survey, etc. of our sources. We wish our license to give us the authority to do these things.

A check is enclosed for \$60.00 to cover the amendment fee.

Sincerely,

John R. Hayes
John R. Hayes

Staff Electrical Engineer

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REGION III

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EMERGENCY PROCEDURES FOR KAY-RAY SOURCES

In the event that anything should happen to a Kay-Ray source (i.e. fire damage from being struck, etc.) the following procedure should be used.

1. The area around the source shall be roped off for a distance of 30' from the source, including the floors directly above and below the source.
2. The Plant Radiation Protection Officer, Joe Roberts, will be notified immediately.
3. An Authorized Radiation Officer will approach the source wearing a personal dosimeter and using a survey meter to determine if any damage was done to the shield or the shutter.
4. If no damage was done the shutter will be closed and the source removed to a storage cabinet until it can be returned to service.
5. If the source was damaged the Plant Radiation Officer will decide if it is safe to move the source to a safer location. Then he will call Kay-Ray for proper shipping and handling instructions.
6. The Plant Radiation Officer will report the incident to the NRC.

LEAK TEST PROCEDURES

For the purpose of leak testing of sealed sources, John R. Hayes or Paul Kreamer will collect smears using a Kay-Ray Sealed Source Wipe Test Kit - Model A and send them to Kay-Ray for evaluation. The same procedure will be used for all sources.

LOCK OUT PROCEDURES

Should it become necessary for any employee to enter a bin or tank with a radioactive level detector the following precautions must be used. Notices are posted on the door to each vessel that this applies.

1. The Plant Radiation Safety Officer, Joe Roberts must be notified to lock out the sealed source.
2. Access doors to the vessel must remain closed and secured until radioactive source heads are locked out.
3. Radioactive source heads are to remain locked until all work is completed in the vessel and the door are resealed.

PERFORMANCE OF SERVICE TO GAUGES

If becomes necessary to perform service on any gauge the manufacturer's procedures will be followed for each service required. The same procedure will be used for all sources.



INDUSTRIAL PROCESS CONTROL EQUIPMENT

516 West Campus Drive • Arlington Heights, Illinois 60004 • (312) 259-5600 • TELEX: 281-085 • CABLE: KAYRAY

CERTIFICATION OF TRAINING

Name: John R. Hayes

Company: The Pillsbury Company

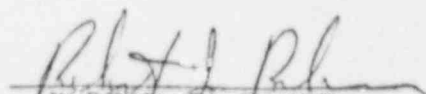
The above named individual has successfully completed the INSTALLATION AND NUCLEAR RADIATION SAFETY course offered by Kay-Ray, Inc., consisting of the following curriculum:

- Principles and practices of radiation protection
- Monitoring radiation levels using Geiger counters
- Radiation exposure limits
- Radiation areas defined
- Calculating radiation levels from known gamma source size and distances
- Calculating dose rates of typical installation
- Leak testing Kay-Ray source housings
- Safety practices required for the use and handling of Kay-Ray source housings
- Installation of source housings demonstration and Hands-On installation

This training course consists of formal discussions, practical applications, leak testing, specific installation discussions, and hands-on installation completion with related forms for record keeping.

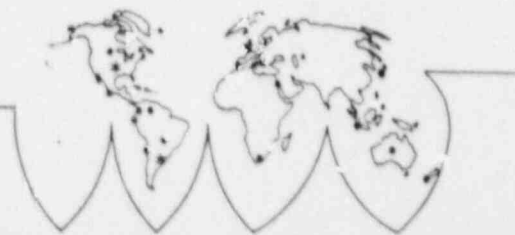
Certified on equipment
model 7062P, 7062BP, 7080, 7062B

Instructor: Raymond A. Parsons
Date: May 17, 1985

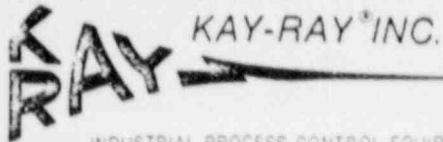

ROBERT J. BAKER
Vice President

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INDUSTRIAL PROCESS CONTROL EQUIPMENT

516 West Campus Drive • Arlington Heights, Illinois 60004 • (312) 259-5600 • TELEX: 281-085 • CABLE KAYRAY

CERTIFICATION OF TRAINING

Name: Paul Kraemer

Company: The Pillsbury Company

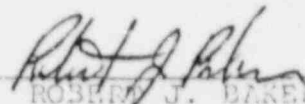
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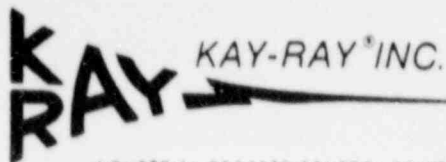
Instructor: Raymond A. Parsons
Date: May 18, 1984


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KAY-RAY[®] INC.

INDUSTRIAL PROCESS CONTROL EQUIPMENT

516 West Campus Drive • Arlington Heights, Illinois 60004 • (312) 259-5600 • TELEX: 281-085 • CABLE: KAYRAY

INSTALLATION AND NUCLEAR RADIATION
SAFETY COURSE

FOUR AND A HALF DAY COURSE - \$740 per student

Kay-Ray provides all materials needed for the course, with the exception of calculators, and lunch each day. All other expenses (travel, lodging, other meals, etc.) are to be provided by the student. At the successful completion of this course, each participant is awarded a certificate and letter certifying the nature of the training.

OUTLINE

FIRST DAY (12:00 noon to 5:00 p.m.):

Lunch

- I Orientation
- II Basic Nuclear Phenomenon

SECOND DAY:

- I Radioactivity
- II Radiation Detection
- III Nuclear Gauging
- IV Dosimetry - Personnel Monitoring
- V Radiation Safety

THIRD DAY:

- I Nuclear Radiation Classification
- II Radiation Decay
- III NRC Rules and Regulations
- IV Requirements for Obtaining or
Amending NRC License
- V Procedures and Testing
- VI Detailed Discussion
- VII Test

FOURTH DAY (at Kay-Ray):

- I Hands-On Examples
- II Team Problems
- III Question/Answer Period

FIFTH DAY:

- I Test Review
- II Handler's Responsibilities
- III Installation of Source Housing
- IV Discussion of Customer Specific
Installation and Construction

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