

APR 11 1985

License No. 29-15623-03
Docket No. 030-17022
Control No. 02886

Pitman-Moore, Inc.
ATTN: Richard J. Skalski
Associate, Regulatory Affairs
Route 579 and Postley Drive
Washington Crossing, New Jersey 08560

Gentlemen:

In order to complete our review of your application dated September 11, 1984, and subsequent letter dated March 26, 1985, please provide additional information in the following areas:

1. Please submit a specific calculation of iodine concentrations in effluent air based on your facility specific parameters and the anticipated program load. Your calculation should include the following:
 - a. The activity that will be handled on a weekly or monthly basis (e.g., 3 iodinations/week, 1 millicurie/iodination)
 - b. The estimated percentage of iodine lost per experiment or iodination. Assume a 10% loss unless a smaller value can be documented or substantiated.
 - c. The actual time that the hood will be operating
 - d. Specific parameters such as exhaust rates and filter efficiencies

If you are unable to demonstrate by calculation that the limits in 10 CFR 20.106 will not be exceeded, please submit in detail a description of the procedures and equipment that will be used to monitor the concentration of iodine in the effluent to ensure that applicable limits are not exceeded.

2. Please confirm that animals that have been injected with I-125 will be housed in cages that will be kept in a fume hood.
3. Specify the company that will provide calibration service for your survey meters and indicate the license number that authorizes them to provide such a service.
4. We recommend that your procedures for receiving radioactive material during off-duty hours include instructions to security personnel to detain the carrier until the RSO arrives if the package is wet or appears to be damaged. Upon his arrival, the RSO can determine if either he or the delivery vehicle is contaminated.

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29-15623-03 PDR

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ML10

We will continue our review upon receipt of this information. Please reply in duplicate to my attention at the Region I office and refer to Mail Control No. 02886.

Sincerely

Original Signed By:

John E. Glenn

John E. Glenn, Ph.D., Chief
Nuclear Materials Safety Section B
Division of Radiation Safety
and Safeguards

RI:DRSS
Miller/djh

4/10/85

RI:DRSS
Glenn

4/10/85

OFFICIAL RECORD COPY

813 - 0002.0.0
04/01/85

3/29/85

TELEPHONE OR VERBAL CONVERSATION RECORD

☐ INCOMING CALL☒ OUTGOING CALL☐ VISIT

PERSON CALLING

MILLER

OFFICE/ADDRESS

RI KING of PRUSSIA

PHONE NUMBER EXTENSION

(215) 337-5304

PERSON CALLED

Richard J. Skalski / Uma Mahesh Babu

OFFICE/ADDRESS

PITMAN-MOORE
Rt. 579 and Postley Drive
Washington Crossing, NJ

PHONE NUMBER EXTENSION

(609) 737-3700

SUBJECT

CONVERSATION

REQUEST for LICENSE RENEWAL

SUMMARY

Miller phoned Mr. Skalski and then spoke with Uma Mahesh Babu (RSO) concerning the scope of the their program. Dr. Babu ~~indicating~~ indicated that they planned to perform iodinations and that animals would possibly be injected with I-125. He stated that animals injected with I-125 would be placed in their cages in a fume hood.

Miller stated that a calculation would have to be performed by Pitman Moore to demonstrate that their facilities ~~are~~ are adequate to handle the effluents generated in the iodination process and that 10 CFR 20 Appendix B limits will not be exceeded.

Miller stated that he would ~~generate for~~ sent Pitman-Moore specifically requesting additional information.

REFERRED TO:

ACTION REQUESTED

None

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☐ ADVISE ME OF ACTION TAKEN.

INITIALS

DATE

INITIALS

DATE

ACTION TAKEN

CONVERSATION RECORD

TIME
1000DATE
3/27/85

TYPE

☐ VISIT☐ CONFERENCE☒ TELEPHONE☐ INCOMING☒ OUTGOING

ROUTING

NAME/SYMBOL INT

Location of Visit/Conference:

NAME OF PERSON(S) CONTACTED OR IN CONTACT
WITH YOUORGANIZATION (Office, dept., bureau,
etc.)

TELEPHONE NO.

Joy Weaver, Secy to Dr. Di Cuollo, V.P., Science + Technology

SUBJECT

Failure to respond to 30 day abandonment
letter.

SUMMARY

Response was mailed by Express Mail
3/26/85, should arrive this A.M.

ACTION REQUIRED

Reviewer (John Miller) notified.

NAME OF PERSON DOCUMENTING CONVERSATION

Laurence F. Friedman

SIGNATURE

Laurence F. Friedman

DATE

3/27/85

ACTION TAKEN

SIGNATURE

TITLE

DATE