

CONVERSATION RECORD

(time) (date)

TIME DATE

3/14/14

VISIT

F CONFERENCE

TELEPHONE X

F INCOMING

X OUTGOING

NAME OF PERSON(S) CONTACTED OR IN CONTACT

Ramon Davila

ORGANIZATION (OFFICE, DEPT. ETC.)

PETNET

TELEPHONE NO.

865-218-3295

SUBJECT

C/N 580329 and follow-up questions regarding the collection bag system for F-18 labeled FDG and F-18 labeled AV-45 effluent release at the PETNET St. Louis facility.

SUMMARY

We have reviewed your March 4 response to our January 23 conversation. On January 23, we discussed additional information that we needed to continue our review of PETNET's proposed engineering controls to reduce radioactive effluent that was being released at the St. Louis location from cyclotron-production activities. After a review of your March 4 response, we find that we will need you to provide the following additional information:

Concern 1:

- A. Please describe how you will control the flow and time of purging so that the volume of the purging gas will not exceed 100 liters.
- B. Submit procedures that will be followed for: (1) the nitrogen purging process and verification that the all connections for the collection system are intact; (2) detection and correction of malfunctions with the gas collection system; (3) the release of F-18 labeled FDG and the F-18 labeled AV-45 compound gases from collection bags.

Concern 4:

Provide the minimum detectable concentration based on the conversion factor of 0.40 pCi/ml per cps that was described in Attachment B to your March 4 letter.

Concern 5:

Your response did not describe how you will identify if there is a leak into worker spaces. Please address this.

In addition to the above, please address the following:

In order to be assured that the engineering controls are functional and effective, please commit to collecting effluent release data for 30 days beginning from the date the controls are approved in a license amendment. After the 30 day period, you may submit a request for a license amendment that includes the 30 days of effluent release data, and request authorization for relief of the garden access controls.

ACTION REQUIRED

Submit a written response prior to the scheduled site visit, and reference as additional information to Control Number 580329.

NAME OF PERSON DOCUMENTING CONVERSATION

Kevin Null
Peter Lee

SIGNATURE



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