



UNITED STATES  
NUCLEAR REGULATORY COMMISSION

REGION III  
2443 WARRENVILLE RD. SUITE 210  
LISLE, IL 60532-4352

July 26, 2017

John Zehner, R.Ph.  
Radiation Safety Officer  
Zevacor Molecular  
14395 Bergen Boulevard  
Noblesville, IN 46060

Dear Mr. Zehner:

This refers to your letter dated April 25, 2017, requesting that Ludlum Model 375s fixed radiation area monitors (or equivalent) which are installed in hot cells, target vaults, and technical rooms are not calibrated annually. We reviewed your request (CN594613 and CN594616) and determined that additional information is needed. We discussed the following deficiencies with your staff, Mr. Matthew Trusner, on July 25, 2017.

- The number of area monitors in each room, the numbers of hot cells, target vaults, and technical rooms which will be impacted
- The specific location of the radiation area monitors in each room (zoom in diagram with labeling)
- Other area radiation monitors surrounding the rooms (i.e. location, calibration)
- The purpose of the area monitors
- The basis for the area monitors not to be calibrated
- How to identify if an area monitor did not function properly and the steps to replace it with a calibrated monitor and to dispose it
- The access control to the rooms (i.e. rooms are locked, only authorized persons have access to the rooms, entering the target vault only after 48 hours since the operation in the vault was shut down)
- Instructions and procedures to enter the rooms (i.e. hot work permit, calibrated survey, extension radiation survey probe, PPE, dose rate/dose constraint)

We also discussed the request to add a laundry room as a restricted area. We will need a zoom in diagram with labeling, surrounding areas, and dimension of the room.

As discussed with Mr. Trusner, we have voided your request. Please resubmit the request with more specific information keyed to the areas listed above.

If you have any questions or require clarification on any of the information stated above, you

may contact us at (630) 829-9887.

In accordance with Title 10 Code of Federal Regulations 2.390 of the NRC's "Rules of Practice," a copy of this letter and its enclosure will be available electronically for public inspection in the NRC Public Document Room or from the NRC's Agencywide Documents Access and Management System (ADAMS), accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html>.

Sincerely,



Frank P. D. Tran  
Health Physicist  
Materials Licensing Branch

License Nos. 13-35179-02 and 13-35179-03  
Docket No. 030-38841 and 030-38903