

Dr. Irving Vega has expressed his desire to cease the use of radioisotopes in his research operations. The usage of radioisotopes in Dr. Vega's laboratory began in November 2007. Since then he has used P^{32} and Ca^{45} to label DNA and proteins in his research. The historical data of monthly surveys and regulatory inspection has shown that no major accidents or spills have been reported on his facility at Julio Garcia Diaz Bldg 120 while using either radioisotope. Dosimetry report for the authorized users on his laboratory have showed that they have follow ALARA and no exposure limit has been reach.

Active operation with radioisotopes on the laboratory cease on January, 2014, but Dr. Vega expresses his interest to conduct other experiments which include the use of radioisotopes. Therefore, he has been an authorized radioisotope user; no isotopes have been used since then. Monthly inspections were performed on a regular basis since November 2007 until May 2014. Recently, the user has requested decommission of his laboratory and has express his intention to remove her name from the Nuclear Regulatory Commission license number 52-19434-02.

Since the radioisotopes used in Dr. Vega's research are short-live radioisotopes a final radiological survey was performed in the facility. Control samples were taken at another part of the laboratory where radioisotopes have never been used. Results of sampling at both facilities show that there is no radioactive contamination at the facilities and the activity are below background level. Samples at both areas were taken at homologous working locations which include equipment and laboratory facilities.

Prior to Dr. Vega's request to decommission laboratory facilities at Julio Garcia Diaz Bldg, all solid and liquid waste has been disposed, except for bags kept at the decay room, which would be discard by the Radiation Safety Officer once decay process is reach. Disposal processes included the required swap to the liquid and solid waste to measure activity levels. On both cases, the activity on the waste was below background levels. Disposal protocol was follow and waste was discarded to common trash after labels removal and bag put inside another trash bag.

Based on all the above statements as the Radiation Safety Officer for the University of Puerto Rico-Rio Piedras Campus, I certified that there is no radioactive contamination at Dr. Inving Vega's Lab.



Warner Ithier-Guzman, Ph.D., RSO



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August 5, 2014

Warner Ithier, PhD
Radiation Safety Officer
University of Puerto Rico-Rio Piedras Campus

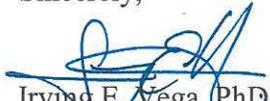
Dear Dr. Warner,

Per our conversation, I hereby request decommission of all radioactive material (isotope vials and waste) from the laboratory located at JGD Bldg. #120. The radioactive material in this laboratory is mainly derivate from isotopes Ca^{45} and P^{32} . This process could take place next Wednesday, August 13, 2014.

In addition, due to my resignation as faculty member of the University of Puerto Rico, I request to be inactivated from the Institutional Radioactive License. Please let me know if there are other administrative requirements that I need to take care of.

Thanks for your help during this transition process.

Sincerely,


Irving E. Vega, PhD
Associate Professor