

# Ambios Labs, Inc.

Licensing Assistance Team  
U.S. NRC, Region 1  
475 Allendale Road  
King of Prussia, PA 19406  
Fax: 610 337-5269

P-7  
MS-16

Re: Mail Control No. 143757

Renewal of License No 06-30460-01

03034773

July 30, 2009

To whom it may concern:

This letter is in response to your request for providing additional information to support that releases of radioactive material in the air will not exceed the required limits.

According to requirements of 10 CFR Part 20, "Standards for Protection Against Radiation", Section 1101(d) we will establish a constraint on air emissions of radioactive materials.

Regulatory Guide 4.20, "Constrain on Releases of Airborne Radioactive Material to the Environment for Licenses other than Power Reactors" provides guidance on method acceptable for demonstrating compliance with the constraint on air emissions.

The computer code COMPLY v1.6 from EPA, as described in section 2.4 of this regulatory guide, will be used to demonstrate compliance with 10 CFR 20.1101(d).

The following assumptions will be used:

- 1) The possession limit of tritium for license is 1 Curie.
- 2) Annual possession quantities of tritium in any form will not exceed 10 Curies which is less than listed in Table 1, 40CFR61, Appendix E to part 61 - Compliance Procedures Methods for Determining Compliance with Subpart I.
- 3) There is only one stack or release point.
- 4) There are no individuals within 10 meters of the release point.
- 5) There are no vegetables, milk or meat produced within 100 meters of the release point.

With these assumptions, Ambios Labs, Inc. facilities will be in compliance at screening level 1.

## AmBios Labs, Inc.

Radioactive Material Air Release Compliance Report will be prepared annually as a part of Audit Program (Appendix C).

If you have any questions, please contact us at your convenience.

I would like to inform you that your letter was mistakenly sent to Sibtech, Inc. Our e-mail address is as follows: [ambioslabs@ambioslabs.com](mailto:ambioslabs@ambioslabs.com)

Sincerely yours,



Victor Sidorov, PhD.