

From: [Xu, Shirley](#)
To: [Norman Lanier](#)
Subject: Tracerco new license application - additional questions
Date: Monday, February 08, 2016 9:54:00 AM

Mr. Lanier,

This email refers to your letter dated January 29, 2016, which was in response to our request for additional information, dated January 7, 2016. In reviewing your letter, we have a couple of additional questions that require answers in order for us to complete the review. Please provide the following information:

1. In your response to our question, number 1. D, you stated that byproduct material received from the supplier is measured with a survey meter to determine the activity being introduced into the process stream to assure that no more than the specified concentration is introduced into the process stream. Please describe the methodology used to determine the activity from a survey meter, including formulation used for different isotopes, and instrumentation used for measurement.
2. In your response to our question number 4, you stated that, except for gases, all isotopes could potentially be injected into an open or closed process stream. Please describe in detail, how the open system tracer studies work, including the method of introduction and the initial concentration of the byproduct material, and the use of radioisotopes in open system tracer studies.

A reply to this email with your response will be sufficient. Please submit the requested information within 15 calendar days of the date of this email. If we have not received the complete information within 15 days, we will consider your application request as having been abandoned by you. This is without prejudice to the submission of a complete new application request.

Please be aware that upon your request, proprietary information submitted to the NRC may be withheld from public disclosure. To do this, you must follow the procedures in 10 CFR 2.390(b) including requesting withholding at the time the information is submitted and complying with the document marking and affidavit requirements set forth in 10 CFR 2.390 (b)(1).

In accordance with 10 CFR 2.390 a copy of this letter will be available electronically for public inspection in NRC's Public Document Room or from the Publicly Available Records (PARS) component of NRC's document system (ADAMS). ADAMS is accessible from the NRC web site at <http://www.nrc.gov/NRC/ADAMS/index.html> (the Public Electronic Reading Room).

If you have any questions please let me know.

Best regards,

Shirley Xu

U.S. Nuclear Regulatory Commission

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