



**UNITED STATES
NUCLEAR REGULATORY COMMISSION**

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

August 4, 2015

Elke Lipka, Ph.D.
President
TSRL, Inc.
540 Avis Drive
Suite A
Ann Arbor, MI 48108

Dear Dr. Lipka:

We have reviewed your amendment request dated June 18, 2015. Before we can take further action, we will need the following additional information.

- 1) You requested to list Dr. Shyamada Ganesan as a new Radiation Safety Officer (RSO) for your NRC license; however, the provided information regarding Dr. Ganesan's training and experiences was insufficient. Based on your provided information, Dr. Ganesan has completed some basic radiation safety trainings; however, she has not completed a radiation safety training in a formal course designed for RSOs presented by an academic institution, commercial radiation safety consulting company, or a professional organization of radiation protection experts as discussed in NUREG-1556, Volume 7, Section 8.7.1. Please provide documentation showing Dr. Ganesan has completed a radiation safety training designed for RSOs. In addition, please provide additional information regarding her experiences with the use of unsealed hydrogen-3 and carbon-14 (the maximum quantities that she has handled, the scope of use, names of authorized user supervising individual and the time that she has worked under the supervision of those individuals).
- 2) In Item 5, "Radioactive Material", you listed sulfur-35 and phosphorus-32; however, these radionuclides are not currently in your license. If you would like to request authorization for these radionuclides, please clarify and provide name of individuals who will use them.
- 3) In Item 7, "Individual Responsible for Radiation Safety Program and Their Training Experience", under section "AU" you listed Cheryl Harteg, who is not named in your license, as an authorized user. If you would like to name her as an authorized user, please provide additional information regarding her training and experience with regard to the use of the licensed material.

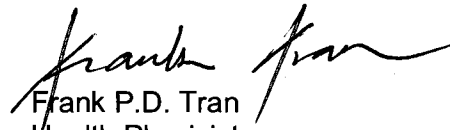
For your information, NUREG-1556, Volume 7, "Program-Specific Guidance About Academic, Research and Development, and Other Licenses of Limited Scope" is published on the NRC's website at <http://pbadupws.nrc.gov/docs/ML0103/ML010370258.pdf>.

To continue review of your amendment request, we request that you submit your written response to this letter by September 1, 2015. Your response must be dated and signed by authorized personnel and please refer Mail Control Number 587167 in your response to facilitate proper mail handling in our office. To expedite the licensing process, you could fax your

response to 630-515-1078 or scan and email your response as a pdf file to frank.tran@nrc.gov. If we do not receive a reply from you by the date above, we shall assume that you do not wish to pursue your application/amendment request. If you have any questions or require clarification on any of the information stated above, please do not hesitate to contact me at 630-829-9887 or frank.tran@nrc.gov.

In accordance with Title 10 Code of Federal Regulations 2.390 of the U.S. Nuclear Regulatory Commission's (NRC) "Rules of Practice," a copy of this letter 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 No. 21-26771-01
Docket No. 030-34307

Tran, Frank

From: Tran, Frank
Sent: Tuesday, August 04, 2015 1:17 PM
To: 'elipka@tsrlinc.com'
Cc: 'sganesan@tsrlinc.com'
Subject: Request for additional information re NRC License No. 21-26771-01
Attachments: NRC-Request for info.PDF

Dear Dr. Lipka:

We have reviewed your amendment request dated June 18, 2015. Attached is our letter requesting additional information regarding your request.

If you have any questions, please do not hesitate to contact me at 630-829-9623 or reply to this email.

Thank you,

Frank Tran

License Reviewer
NRC Region 3/Division of Nuclear Materials Safety
Phone: 630-829-9623
Fax: 630-515-1078
Email: Frank.Tran@nrc.gov

