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23 December 2013

U.S. Nuclear Regulatory Commission, Region III
2443 Warrenville Road, Suite 210
Lisle, IL 60532-4351

LICENSE No: 24-21362-01

ATTN: Kevin Null

SUBJECT: Request for License Amendment

Gentlemen:

American Radiolabeled Chemicals, Inc (ARC) is pleased to present the following information in support of a request for license amendment. ARC requests expedited processing of this request.

Change Condition 12 to read: "The Radiation Safety Officer for this license is Donald Lite III "

Mr. Lite has been working under Mr. Greenwood for two and a half years and has gained enough experience to qualify as the RSO. Mr. Greenwood will still be available as a source of knowledge and reference for ARC and will be employed as a consultant by ARC. Mr. Lite's educational qualifications and experience are outlined in the following paragraphs.

Donald Lite received a Bachelor of Science in Radiation Health Physics with a minor in Environment, Safety and Health from Oregon State University on March 18, 2011. Courses taken include internal and external dosimetry, radiation physics, shielding and others. While an undergraduate he was part of a team that mapped the heat distribution of an AP-1000 reactor (new Westinghouse design) in the event the PRHR valve broke and the liquid moderator stopped flowing.

During his time as Deputy RSO, Mr. Lite has performed many jobs which have given him experience to be qualified as the RSO;

- conducted radiation detection surveys in and out of contaminated areas
- responded to radioactive spills both involving personnel and equipment
- written contamination investigation reports with corrective actions that have stopped repeat contaminations
- supervised construction in a contaminated area including replacing the Building 300 stack motor
- performed incoming and outgoing package surveys in compliance with SOP and federal regulations for UN2908, UN2910 and UN2915 shipments
- maintained a decay-in-storage program for isotopes with half lives shorter than 120 days
- performed quarterly audits of HP records
- supervised and performed decontamination of laboratory equipment
- supervised and performed the packaging, disposal and removal of radioactive waste

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- trained all new ARC personnel and independent contractors in radiation safety and general laboratory safety since late 2011
- performed annual radiation safety training for all staff and HAZMAT/DOT/RAM Transport training for applicable staff
- reduced ARC's liquid waste storage from several hundred gallons to zero
- educated shipping personnel on minimum shielding required for ARC's most energetic isotopes (P32, Cr51, I125 etc.)
- annually reviewed SOP's and the radiation protection program to ensure that all ARC personnel are in compliance
- focused on contamination control to reduce investigations from more than one a week to less than one a month
- maintained records on release surveys, dose reports and required surveys
- filled out and distributed NRC Form-5 dose reports to all current and past ARC personnel
- implemented new air sampling methods to reduce sample contamination from several times a year down to four times in the last two and a half years (an investigation report was written for those four times and a solution was made to prevent that from happening again)
- toured NRC personnel around the ARC facility for three inspections and one announced non inspection visit
- wrote most of the 2011 license renewal and new exempt distribution application, while Mr. Greenwood reviewed his work and the overall application
- written several license amendment requests and has reviewed all ARC/NRC letters and other correspondence on file for the last ten years
- written several responses to requests for additional information (RFAI)

It is based on this experience and education that ARC requests that Donald J. Lite III be named the RSO for American Radiolabeled Chemicals, Inc.

Mr. Greenwood desires to reduce his hours on site further due to health concerns. He will serve as Health Physics consultant and as assistant RSO.

If you have any questions or require clarification on any of the information stated above, you may contact our RSO directly at 314-991-4545.

Sincerely

AMERICAN RADIOLABELED CHEMICALS, INC

A handwritten signature in black ink, appearing to read 'Surendra K Gupta'.

Surendra K Gupta, PhD
President.

Cc: RSC File
Mr. Lite
Mr. Greenwood

Oregon State University

To all to whom these letters may come, Greeting

The State Board of Higher Education, by virtue of the authority vested in it by law, and on recommendation of the Faculty Senate, has conferred on

Donald John Lite III


the degree of

Bachelor of Science

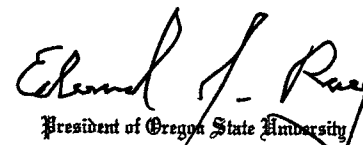
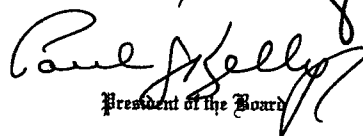
Radiation Health Physics

with all the rights, privileges, and honors thereto appertaining.

In testimony whereof we have subscribed our names and impressed the seal of Oregon State University on this diploma at Corvallis, Oregon, this eighteenth day of March, Two Thousand and Eleven.


Chancellor of the Oregon
University System




President of Oregon State University

President of the Board



**American Radiolabeled
Chemicals, Inc.**

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