

## Parker, Bryan

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**From:** Neil Sargentini <nsargentini@atsu.edu>  
**Sent:** Thursday, April 09, 2015 3:47 PM  
**To:** Parker, Bryan  
**Subject:** Re: NRC amendment  
**Attachments:** Radiation use and experience -VS.pdf; Singh-RSO Appt ltr-signed.pdf

Bryan Parker,

### Additional Information for CN586417

I have attached the RSO appointment letter with Dr. Singh signature indicating his acceptance of the appointment. I also asked Dr. Singh to write a letter providing details of his previous use of radioactive materials.

Please let me know if more information is desired.

Neil Sargentini,  
ATSU-KCOM, RSO

On Wed, Apr 8, 2015 at 9:56 AM, Parker, Bryan <[Bryan.Parker@nrc.gov](mailto:Bryan.Parker@nrc.gov)> wrote:

Dr. Sargentini,

I am the NRC reviewer that is reviewing your recent submittal to change the RSO to Dr. Singh and delete several other authorized users. I need a couple of things in order to complete the review.

1) Regarding Dr. Singh's appointment letter dated 03/18/15 that was attached, could you please have him sign that letter as well, acknowledging his acceptance of the appointment? I don't need a whole new letter, just his signature and a statement of acknowledgement on a copy of it will suffice. You can email it to me as an attached PDF.

2) Please also provide a little more detail as to Dr. Singh's use of radioactive materials. Typically CVs do not provide the info we need and in order to list him as an authorized user, I need a bit more detail on the isotopes and quantities used by him in the past. Again, nothing elaborate, just some more basic info regarding his past uses with the isotopes and general quantities used. This should be in a letter form with your signature.

As noted, you may respond by email, with the requested info attached as PDFs. You can mark it as "Additional Information for CN586417."

If you have any questions, please let me know.

Thank you.

Bryan

*Bryan A. Parker*

Health Physicist

U. S. Nuclear Regulatory Commission - Region III

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ATSU

March 18, 2015

Vineet K. Singh, PhD  
Microbiology/Immunology

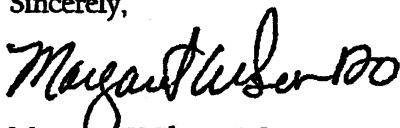
Dear Dr. Singh:

Please accept this letter as your official appointment as the ATSU-KCOM Radiation Safety Officer (RSO) in accordance with our U.S. Nuclear Regulatory Commission Materials License (24-17210-01).

Please perform all the duties that are expected of the RSO under the terms of our license. I invite you to talk with me at any time as needed to perform the duties of this position (e.g., oversight on all activities at KCOM having to do with the possession, use or disposal of radioactive materials; radiation safety issues; regulatory compliance issues, etc).

Thank you for your continued dedication and efforts to ATSU-KCOM.

Sincerely,



Margaret Wilson, DO  
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NS/kjk

*I accept the appointment.*  
*Vineet Singh.*  
*03/19/2015*

April 09, 2015

Mr. Bryan A. Parker  
Health Physicist  
U. S. Nuclear Regulatory Commission - Region III  
2443 Warrenville Road, Suite 210  
Lisle, IL 60532-4352

Ref: Additional Information for CN586417 – radioactive use experience.

Dear Mr. Parker,

Please find below the information you have requested regarding my use of radioactive material:

I have frequently used 32-P in Southern/Northern blots and many other DNA-labeling experiments in my research. Data generated from those experiments have been extensively published (FEMS Microbiol. Lett., 2010, 311:167-75; Appl. Environ. Microbiol., 2008, 74:5882-90; Microbiol., 2007, 153:3162-73; J. Bacteriol., 2006, 188:2134-43; J. Biol. Chem., 2004, 279:14665-72; Microbiol., 2003, 149:2719-32; Microbiol., 2003, 149:2739-47; Microbiol., 2001, 147:3037-45; Microbiol., 2000, 146:659-68; and Mol. Microbiol., 1999, 33:200-7).

In addition, in the past, I have also used 35-S methionine during an *in vitro* protein synthesis assay (Altern. Lab. Anim., 2007, 35:397-404), 59-Fe in an iron uptake assay (Appl. Environ. Microbiol., 2001, 67:1001-3) and 3-H in a nitric oxide synthase assay (Int. J. Microbiol., 2013:312146).

In almost all of these instances, the maximum amount of radioactivity handled by me at a time was 1 mCi.

I hope this provide the information you needed. Thank you very much.

Sincerely,



Vineet K. Singh  
Professor of Microbiology  
Department of Microbiology and Immunology