



Henry Ford Hospital & Health Network

Radiation Safety Office

January 11, 2016

Henry Ford Hospital
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Sara A. Forster, Health Physicist Licensing Reviewer
Materials Licensing Branch
U.S. Nuclear Regulatory Commission, Region III
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Ms. Forster:

We are sending more information related to control number 586401 in regards to the license renewal application for License 21-04108-16 (Docket 030-02043). In our telephone call on December 17, 2015 we discussed potential changes to our submission related to conditions 26-30. We are providing additional information in an effort to eliminate these license conditions. We will cover each condition in the order listed on the license.

Condition 26

The Radiation Safety Committee will review any use of PET isotopes use in accordance with applicable nationally recognized standards. As a minimum we will evaluate the shielding design of any PET facility to ensure that 10 CFR 20 limits will not be exceeded. The guidance used may change over time but the evaluation methodology contained in the National Council on Radiation Protection and Measurements report number 147 *Structural Shielding Design for Medical X-ray Imaging Facilities* and the American Association of Physicists in Medicine Task Group 108 report *PET and PET/CT Shielding Requirements* will be used for this determination.

Condition 27

We will implement the model calibration program published in NUREG 1556, Volume 11, "Program-Specific Guidance about Licenses of Broad Scope," dated April 1999, Appendix O.

Condition 28

We will survey our facilities and maintain contamination levels and perform bioassays of occupationally exposed workers in accordance with the survey frequencies and contamination levels published in NUREG 1556, Volume 11, "Program-Specific Guidance about Licenses of Broad Scope," dated April 1999, Appendix S.

Condition 29

We will implement the model leak test program published in NUREG 1556, Volume 11, "Program-Specific Guidance about Licenses of Broad Scope," dated April 1999, Appendix T.

Condition 30

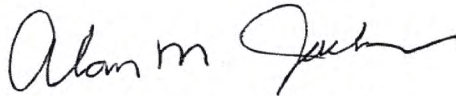
We will implement a waste management program that incorporates the model waste management procedures published in NUREG 1556, Volume 11, "Program-Specific Guidance about Licenses of Broad Scope," dated April 1999, Appendix V, as applicable.

If you should have any additional questions regarding this amendment request, please contact Alan M. Jackson, MS, CHP at (313) 916-2739.

Sincerely,



Donald Peck, PhD, DABR
Radiation Safety Officer



Alan M. Jackson, MS, CHP
Radiation Safety Committee Chair

Forster, Sara

From: Jackson, Alan (RSO) <AlanJ@rad.hfh.edu>
Sent: Wednesday, January 13, 2016 11:50 AM
To: Forster, Sara
Cc: Peck, Donald Phd
Subject: [External_Sender] RE: RE: RE: Additional Information Request for Henry Ford Hospital, NRC Lic. No. 21-04109-16, CN 589188
Attachments: NRC HFH Renewal Response 1-11-16 final2.pdf

Sara,

That is completely reasonable. I attached a revision that omits the header.

-Alan

Alan M. Jackson, MS. CHP
Radiation Safety Office
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Detroit, MI 48202
(313) 916-2739 Voice
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E-mail: AlanJ@rad.hfh.edu

From: Forster, Sara [<mailto:Sara.Forster@nrc.gov>]
Sent: Wednesday, January 13, 2016 8:47 AM
To: Jackson, Alan (RSO)
Cc: Peck, Donald Phd
Subject: RE: RE: RE: Additional Information Request for Henry Ford Hospital, NRC Lic. No. 21-04109-16, CN 589188

Hi Alan... In reviewing your January 11, 2016 letter, I noted the header/footer requesting that the document be withheld under 10 CFR 2.390 for security-related information. However, I could not identify any security-related information therein. Please let me know if I am missing something. Otherwise, I plan to mark the letter for public release in ADAMS. Do not hesitate to call or email if you have any questions.

Thank you in advance.

Sara A. Forster
U.S. NRC
(630) 829-9892

From: Jackson, Alan (RSO) [<mailto:AlanJ@rad.hfh.edu>]
Sent: Monday, January 11, 2016 9:53 AM
To: Forster, Sara <Sara.Forster@nrc.gov>
Cc: Peck, Donald Phd <donalddp@rad.hfh.edu>
Subject: [External_Sender] RE: RE: Additional Information Request for Henry Ford Hospital, NRC Lic. No. 21-04109-16, CN 589188

Sara,

I'm sorry that I made this simple thing take so long. Please let me know if you see any problems with the letter.

-Alan

Alan M. Jackson, MS, CAP
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E-mail: AlanJ@rad.hfh.edu

From: Forster, Sara [<mailto:Sara.Forster@nrc.gov>]
Sent: Monday, January 11, 2016 9:27 AM
To: Jackson, Alan (RSO)
Cc: Peck, Donald Phd
Subject: RE: RE: Additional Information Request for Henry Ford Hospital, NRC Lic. No. 21-04109-16, CN 589188

Hi Alan –

In our phone conversation, we discussed receiving this written response by December 31, 2015. Do you think you will be able to submit the response in the next couple of days? If you have questions on what is needed, please let me know.

Sincerely,

Sara A. Forster
U.S. NRC
(630) 829-9892

From: Jackson, Alan (RSO) [<mailto:AlanJ@rad.hfh.edu>]
Sent: Thursday, January 07, 2016 9:00 AM
To: Forster, Sara <Sara.Forster@nrc.gov>; Peck, Donald Phd <donaldp@rad.hfh.edu>
Subject: [External_Sender] RE: Additional Information Request for Henry Ford Hospital, NRC Lic. No. 21-04109-16, CN 589188

Sara,

I definitely haven't forgotten. Sorry for the delay, things have been busier than expected, I took a lot of time off over the holidays. I am working on this as much as I can. I apologize for the delay

-Alan

Alan M. Jackson, MS, CAP
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E-mail: AlanJ@rad.hfh.edu

From: Forster, Sara [<mailto:Sara.Forster@nrc.gov>]

Sent: Wednesday, January 06, 2016 10:37 AM

To: Jackson, Alan (RSO); Peck, Donald Phd

Subject: Additional Information Request for Henry Ford Hospital, NRC Lic. No. 21-04109-16, CN 589188

Hello Mr. Jackson & Dr. Peck... Happy New Year!

Could you please let me know the status of your response to our December 17, 2015 conversation concerning (1) affirmative statements needed to remove Conditions 27-30 from the above referenced license and (2) Criteria – i.e. RSC review process and NCRP guidance, etc. – that will be used to evaluate any requests to use PET radionuclides under the above referenced license?

Thank you,

Sara A. Forster, Health Physicist Licensing Reviewer

U.S. Nuclear Regulatory Commission - Region III

Division of Nuclear Materials Safety

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