



COLUMBUS REGIONAL HEALTH

3/13/18

U.S. Nuclear Regulatory Commission  
Region III  
Materials Licensing Section  
2443 Warrenville Road, Suite 210  
Lisle, Illinois 60532

License Number 13-01631-05

Dear Materials Licensing Section:

As per your request on 3/13/18, we are confirming that:

Dr. Mark Henderson will receive training before first use of the Nucletron HDR unit. The training will include the safety features, operations, and response to emergencies when using Nucletron HDR unit.

If you have any questions regarding this letter, please contact me at (812)-379-5079..

Sincerely,

Michael J. Parrott, Ph.D., R.S.O.

## Gryglak, Magdalena

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**From:** Parrott, Michael J. <MPARROTT@CRH.org>  
**Sent:** Tuesday, March 13, 2018 10:16 AM  
**To:** Gryglak, Magdalena  
**Cc:** Georgiades, Alexander; Boswell, Cristina  
**Subject:** [External\_Sender] RE: Amendment Request to add Dr. Henderson to NRC license no. 13-01631-05  
**Attachments:** Dr Henderso confirmation letter - training.pdf

Ms. Gryglak

I am submitting a letter confirming that Dr. Henderson will receive training before first use of the Nucletron HDR unit. The training will include the safety features, operations, and response to emergencies when using Nucletron HDR unit.

Also for his 300 authorization:

"add Dr. Henderson for 10 CFR 35.300 use limited to the parenteral administration of any beta emitter, or a photon-emitting radionuclide with a photon energy of less than 150 keV ( P-32 falls into this category). " I understand that this authorization also includes "Xofigo", a Ra-223 dichloride alpha emitter.

Thanks,  
Mike Parrott, Ph.D.

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**From:** Gryglak, Magdalena [mailto:Magdalena.Gryglak@nrc.gov]  
**Sent:** Tuesday, March 13, 2018 10:45 AM  
**To:** Parrott, Michael J.  
**Subject:** Amendment Request to add Dr. Henderson to NRC license no. 13-01631-05

Do not open unsolicited message attachments or click unknown links in email.  
Good morning Dr. Parrott,

I am reviewing your amendment request to add Dr. Henderson to NRC license no. 13-01631-05 for uses of 10 CRF 35.300, 35.400 and 35.600 (limited to iridium-192 in the HDR remote afterloader unit). After review of submitted documentation, I noted that Dr. Henderson has not been approved for oral administrations of unsealed I-131 which is part of 10 CFR 35.300 material. Therefore, I will add Dr. Henderson for 10 CFR 35.300 use limited to the parenteral administration of any beta emitter, or a photon-emitting radionuclide with a photon energy of less than 150 keV ( P-32 falls into this category).

Regarding Dr. Henderson's authorization for 10 CFR 35.600, he has been working with VariSource HDR remote afterloader unit; however, your license (NRC license no. 13-01631-05) authorizes the use of Nucletron Model 106.990 microSelectron HDR unit. Because of the difference in the operations of the HDR units and the emergency procedures/safety features (different manufacturers), I need to request a letter documenting that Dr. Henderson either received training or a commitment that he will receive training before first use of the Nucletron HDR unit. The training should include the safety features, operations, and response to emergencies when using Nucletron HDR unit.

Please acknowledge your receipt of this email and let me know if you have any questions or concerns regarding the above information. Please submit Dr. Henderson's training information in a signed and dated letter by March 22, 2018. You can submit the letter as a pdf document attached to an email and addressed to [Magdalena.Gryglak@nrc.gov](mailto:Magdalena.Gryglak@nrc.gov).

Thank you

Magdalena Gryglak  
U.S. NRC Region III  
630-829-9875

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No sensitive information is contained in  
the email. MG