



# MedStar Health

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US Nuclear Regulatory Commission Region I  
2100 Renaissance Boulevard, Suite 100  
King of Prussia, PA 19406

**Jean V. Mabout, MBA**  
Sr. Director, Radiology &  
Radiation Safety

31 October 2023

Subject: Request for Additional Information for NRC License Number: 08-03604-03, Docket No: 030-01325 (Broadscope)

Dear Mr., VonEhr,

Please see below our response to each of your item requests:

1. Medstar Washington Hospital Centre will use the written directive described by 10 CFR 35.40(b)(2) with written procedures consistent with 10 CFR 35.41 for your use of actinium-225 DOTATATE by treating actinium-225 DOTATATE as a material covered by 10 CFR Part 35 Subpart E.
2. The preparation, usage, administration, and storage of the actinium will be within areas that have already been approved by the NRC or the MedStar Radiation Safety Committee (RSC)
3. The suggested language in item 3 of your letter is adequate: "For use in medical diagnosis, therapy, and research in humans. Research and development as defined in 10 CFR 30.4, including instrument calibration."
4. I understand that should the procurement or production source of actinium-225 change, it may impact the presence of the actinium-227 impurity and that this change may require an amendment to our NRC license to authorize the possession of the impurity isotope and the potential for impact to your need for financial assurance under 10 CFR 30.35.

If you need any additional information or if there is anything we can do to assist you in expediting your approval, please do not hesitate to contact Mohammed Aljallad, Ph.D., the RSO, at 202-877-2906.

Thank you in advance for your help and consideration.

Sincerely,

Jean V. Mabout, MBA  
Sr. Director, Radiology & Radiation Safety  
MedStar Washington Hospital Centre

110 Irving Street, Room BA94  
Washington, DC 20010-2975

CC: Mohammed Aljallad, Ph.D., DABR  
Director/RSO  
MedStar Washington Hospital Centre

Carlos Garcia, M.D.  
Chairman, Radiation Safety Committee  
MedStar Washington Hospital Centre