



December 8, 2021

Department of Nuclear Materials Safety
U.S. Nuclear Regulatory Commission
Region III
2443 Warrenville Road Suite 210
Lisle, IL 60532-4352

Re: Docket No. 030-10108, CN627101

Mr. Bryan Parker,

In response to your request for additional information for the renewal of NRC license number 24-01041-04, we have included the following information and documentation.

1. The current high dose remote afterloader (HDR) device is the Elekta Inc. d/b/a Nucletron Corporation model 136149A02 Flexitron. The sealed source is a Curium or Alpha Omega Services model 136147.

2. Disposition of part 35.400 sealed low-dose rate brachytherapy sources:

There are no low-dose rate brachytherapy sources on the premises including iodine-125, palladium-103, cesium-131, or iridium-192. All received sources have been implanted or disposed of after decay in storage.

Receipt records were reviewed through 2009 and the following low-dose rate brachytherapy sources were not received during that timeframe:

palladium-103, cesium-131, and iridium-192.

The last iodine-125 low-dose rate brachytherapy case was performed in 2017. All remaining seeds, from patient cases were decayed and then disposed of on 8/19/2019. The hot lab, in which the low-dose rate brachytherapy sources were stored was closed out with the NRC in a letter dated November 25, 2020.

3. Item 7:

Radiation Safety Officer: Robert F. Turco, Ph.D., DABR

Associate Radiation Safety Officer: Antoinette Mignerone, MBA, MHA, CNMT, NMTCB(RS)

Authorized Users:

Please remove the following AUs from the license:

Mohammed Al-Aly, M.D.

Saman Ibrahim, M.D.

R.W. Smith, M.D.



It is assumed that 10 CFR 35.400 will be removed from the license, therefore an AU for use of materials in this group is not included on the current AUs list below. If part 400 is not removed, we will need to keep part 400 listed as a use for Mary V. Graham, M.D.

Current AUs:

<u>Authorized User:</u>	<u>Material and Use:</u>
Christopher Lee Allen, M.D.	10 CFR 35.200
Kathy L. Baglan, M.D.	10 CFR 35.300, 10 CFR 35.600 (limited to iridium-192 in a high dose rate remote afterloading brachytherapy device)
Bradley K. Baker, M.D.	10 CFR 31.11, 10 CFR 35.100, 10 CFR 35.200, 10 CFR 35.300
Bruce Bieneman, M.D.	10 CFR 35.1000 (limited to yttrium-90 as SIR-Spheres)
Sean M. Burns, M.D.	10 CFR 35.100, 10 CFR 35.200
Kiran Chunduri, M.D.	10 CFR 35.1000 (limited to yttrium-90 as SIR-Spheres)
Jeffrey M. Craft, M.D., Ph.D.	10 CFR 35.300, 10 CFR 35.600 (limited to iridium-192 in a high dose rate remote afterloading brachytherapy device)
Robert C. Frazier, M.D.	10 CFR 35.300, 10 CFR 35.600 (limited to iridium-192 in a high dose rate remote afterloading brachytherapy device)
Mary V. Graham, M.D.	10 CFR 35.300, 10 CFR 35.600 (limited to iridium-192 in a high dose rate remote afterloading brachytherapy device)
Matthew Johnson, M.D.	10 CFR 35.300, 10 CFR 35.600 (limited to iridium-192 in a high dose rate remote afterloading brachytherapy device)
Jeffrey Brian Judd, M.D.	10 CFR 35.100, 10 CFR 35.200
Madhu Kiran Kancharla, M.D.	10 CFR 35.200
Julie A. Mai, M.D.	10 CFR 35.300, 10 CFR 35.600 (limited to iridium-192 in a high dose rate remote afterloading brachytherapy device)
William Mehard, M.D.	10 CFR 35.100, 10 CFR 35.200, 10 CFR 35.300 (limited to oral administration of sodium iodide I-131 for diagnostic studies)
Jordan C. Nepute, M.D.	10 CFR 35.100, 10 CFR 35.200, 10 CFR 35.300 (limited to oral administration of sodium iodide I-131)
Timothy R. O'Leary, M.D.	10 CFR 35.300
Paul A. Oberle, M.D.	10 CFR 35.100, 10 CFR 35.200
James M. Perschbacher, M.D.	10 CFR 35.100, 10 CFR 35.200
Vanessa Sanders, M.D.	10 CFR 35.100, 10 CFR 35.200, 10 CFR 35.300
Jenny Shaffer, M.D.	10 CFR 35.300 (limited to oral administration of sodium iodide I-131), 10 CFR 35.600 (limited to iridium-192 in a high dose rate remote afterloading brachytherapy device)
T. Martin Vollmar, M.D.	10 CFR 35.100, 10 CFR 35.200



Authorized Medical Physicists:

Please remove the following AMPs:

James I. Monroe, Ph.D.

Gopal Subedi, M.S.

Current AMPs:

<u>Authorized Medical Physicist:</u>	<u>Material and Use:</u>
Scott E. Davidson, Ph.D., DABR	Iridium-192 High Dose Rate Remote Afterloading brachytherapy device for calibration, spot checks, and training.
Derek Freund, M.S., DABR	Iridium-192 High Dose Rate Remote Afterloading brachytherapy device for calibration, spot checks, and training.
John E. Gloss, PSM, DABR	Iridium-192 High Dose Rate Remote Afterloading brachytherapy device for calibration, spot checks, and training.
Daniel S. Goldbaum, Ph.D., DABR	Iridium-192 High Dose Rate Remote Afterloading brachytherapy device for calibration, spot checks, and training.
Jean Y. Gu, M.S., DABR	Iridium-192 High Dose Rate Remote Afterloading brachytherapy device for calibration, spot checks, and training.
Greg D. Schimke, PSM, DABR	Iridium-192 High Dose Rate Remote Afterloading brachytherapy device for calibration, spot checks, and training.

If you require any further information, please contact me by phone 314-307-0664 or email robert.turco@mercy.net.

Sincerely,

Robert F. Turco, Ph.D.
Radiation Safety Officer
Mercy Hospital South

From: [Eisenberg, Jamie](#)
To: [Parker, Bryan](#)
Cc: [Turco, Robert](#)
Subject: [External_Sender] FW: NRC Request for Additional Info
Date: Friday, December 10, 2021 2:36:36 PM
Attachments: [Mercy Hospital South Renewal Additional Information 121021.pdf](#)

Good afternoon Bryan,
Attached is a signed PDF response to your Request for Additional Information.

If you need any questions, please let us know.
Thank you,
Jamie

From: Parker, Bryan <Bryan.Parker@nrc.gov>
Sent: Tuesday, December 7, 2021 3:34 PM
To: Eisenberg, Jamie <Jamie.Eisenberg@Mercy.Net>; Turco, Robert <Robert.Turco@Mercy.Net>
Subject: NRC Request for Additional Info

External Email: Please be careful when opening attachments or clicking on links. - Mercy Technology Services

Hey Jamie and Dr. Turco,

Please find attached a Request for Additional Information (RAI) with regard to your renewal request dated 06/09/21.

Please return your response to me by email with a PDF **signed** letter attached. If I can get that back ASAP, I will complete the renewal quickly.

Dr Turco – as discussed, I would prefer to defer your request to name your own Authorized Users on this license (see Sections 7.1 and 7.2 of your renewal request dated 06/09/21). Doing that would effectively expand this license to a Broad Scope license, much like the Mercy – St. Louis license, and I believe that is a matter better dealt with after this license is renewed since it will require a number of areas of consideration. Therefore, Item No. 3 of the attached RAI is a request for a full list of all AUs and AMPs you wish to be listed on the license.

If you have any questions, please let me know.

Thanks.
Bryan

Bryan A. Parker
Senior Health Physicist
USNRC Region III
bryan.parker@nrc.gov

678-828-7050

630-515-1078 (fax)



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From: [Parker, Bryan](#)
To: [Pavon, Martha](#); [Pavon, Sandy](#)
Cc: [Tomczak, Tammy](#)
Subject: Please place into ADAMS
Date: Friday, December 10, 2021 2:47:04 PM
Attachments: [External_Sender FW NRC Request for Additional Info.msg](#)
[627101 AI 665.pdf](#)

Hey Sandy and Martha,

Please place the attached Additional Info into ADAMS for CN627101 – renewal of Mercy Hospital South. A 665 is also attached.

If you have any questions, please let me know.

Thanks.

Bryan