

**Kiggundu Radiation Therapy
2000 Foundation Way, Suite 1100
Martinsburg, WV 25401**

TO: Ms. Tara Wiedner
Senior Health Physicist
US NRC

February 25, 2020

FROM: Ali Lavassani, Ph.D.
Radiological Physics Consultant
Mississippi Individual Materials License: MS-567-01

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Dear Ms. Weidner,

I am very familiar with operation of all HDR units, however, in order to fulfill NRC's requirements, I was involved and received training on operation and Emergency Procedures of the Nucletron MicroSelectron HDR unit with both Dr. Samir Darwish, Regional Physics Director and AMP on NRC License # 09-31177-01 and Mr. David Glessner, Elekta service Engineer, the training was done on February 17th, 18th and 19th.

Under the supervision of Dr. Darwish I planned a few test cases on the Oncentra treatment planning computer then exported to the HDR treatment unit and delivered as a QA patient. A complete process just as in actual patient treatment. We checked source position accuracy using Gafchromic films and practiced checking all interlocks safety steps, including warning lights, door interlocks and everything that goes with a regular HDR process.

With the Engineer, Emergency Procedures were practiced over and over in case of a machine failure to retract the source or other emergencies. Operation of machine was made individually by me while Elekta engineer observed the action.

If you have any questions, please contact me.

Thank you



Ali Lavassani, Ph.D.

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