



The **DIVISION** of **RADIOLOGICAL PHYSICS**

September 14, 2006

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Randy Ragland
Nuclear Material Safety Branch
U.S. Nuclear Regulatory Commission – Region I
475 Allendale Road
King of Prussia, PA 19406-1415

2006 SEP 18 PM 2:14
RECEIVED
REGION I

Re: License No. 45-00034-30 **03030672**

Dear Mr. Ragland;

This letter is to request that NRC License No. 45-00034-30 be amended to (1) remove listing of depleted uranium, and (2) modify the model number listed for the sealed sources within the University of Virginia's Gamma Knife Unit to "Elekta Gamma Knife Source No. 43685".

The mentioned license currently authorizes 999 kilograms of depleted uranium. The manufacturer of the Model C Gamma Unit No. 4168 in use at the University of Virginia Health System, Elekta Instrument AB, has confirmed that no depleted uranium is used in this unit. We therefore request that this listing be removed.

As noted in the report submitted to the NRC on July 22 2006 following our replacement of the sealed sources for this Gamma Unit, the MDS Nordion Certificate lists the installed sources as having model number "Elekta Gamma Knife Source No. 43685", while our current license refers to these as well as the older "General Electric Company AB Elekta Model 43047".

If you have any questions pertaining to these matters, please do not hesitate to contact us.

Respectfully submitted by

Ralph O. Allen, Ph.D.
Radiation Safety Officer, University
Chairman, Radiation Safety Committee
Professor, Chemistry

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Associate Professor, Radiation Oncology

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