



UNITED STATES  
**NUCLEAR REGULATORY COMMISSION**  
REGION I  
475 ALLENDALE ROAD  
KING OF PRUSSIA, PENNSYLVANIA 19406-1415

September 10, 2008

Docket No. 03002443  
Control No. 142495

License No. 29-01862-02

Barry Graf  
Vice President of Operations  
Virtua Health System-West Jersey Hospital  
101 Carnie Boulevard  
Voorhees, NJ 08043

**SUBJECT: VIRTUA HEALTH SYSTEM-WEST JERSEY HOSPITAL, LICENSE  
AMENDMENT, CONTROL NO. 142495**

Dear Mr. Graf:

This refers to your license amendment request dated June 4, 2008. Enclosed with this letter is the amended license, acknowledging your plans to initiate use of yttrium-90 microspheres and authorizing you to possess this material. We will issue an additional amendment, authorizing clinical use, upon receipt of the following information:

- a) Documentation from Sirtex that John J. Wilson, M.D. has completed vendor training in operation of the SIR-Spheres delivery system, safety procedures, and clinical use, including completion of at least three supervised, hands-on *in vitro* simulated cases.
- b) A commitment that Dr. Wilson will complete the first three hands-on patient cases under supervision of and in the physical presence of a Sirtex representative.
- c) A commitment that you will submit documentation to the NRC Region I office within 30 days after Dr. Wilson completes the first three hands-on patient cases under the supervision of and in the presence of a Sirtex representative.
- d) A commitment that you will provide training in the manufacturer's procedures to all individuals who will be involved in yttrium-90 microsphere use, both initially and in the future, commensurate with the individual's duties to be performed. This training must be provided to all individuals who will be involved in preparing, measuring, performing dosimetry calculations, and/or administering yttrium-90 microspheres.

Please review the enclosed document carefully and be sure that you understand and fully implement all the conditions incorporated into the amended license. If there are any errors or questions, please notify the U.S. Nuclear Regulatory Commission, Region I Office, Licensing Assistance Team, (610) 337-5239, so that we can provide appropriate corrections and answers.

An environmental assessment for this action is not required, since this action is categorically excluded under 10 CFR 51.22(c)(14).

B. Graf

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Current NRC regulations and guidance are included on the NRC's website at [www.nrc.gov](http://www.nrc.gov); select **Nuclear Materials; Medical, Academic, and Industrial Uses of Nuclear Material; then Regulations, Guidance, and Communications**. You may also obtain these documents by contacting the Government Printing Office (GPO) toll-free at 1-888-293-6498. The GPO is open from 7:00 a.m. to 8:00 p.m. EST, Monday through Friday (except Federal holidays).

Thank you for your cooperation.

Sincerely,

***Original signed by Sandra Gabriel***

Sandra Gabriel  
Senior Health Physicist  
Medical Branch  
Division of Nuclear Materials Safety

Enclosure  
Amendment No. 58

cc:  
Daniel J. Januseski, M.Sc., Radiation Safety Officer

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**SUNSI Review Complete: SGabriel**

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