



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

August 18, 2011

Docket No. 03007565
Control No. 575332

License No. 07-14850-01

Terry M. Murphy, FACHE
President and Chief Executive Officer
Bayhealth Medical Center
640 South State Street
Dover, DE 19901

SUBJECT: BAYHEALTH MEDICAL CENTER, LICENSE AMENDMENT, CONTROL NO.
575332

Dear Mr. Murphy:

This refers to your license amendment request dated June 7, 2011. Enclosed with this letter is the amended license adding Laeeq Ahmer, M.D. as authorized user (AU) for byproduct material permitted by 10 CFR 35.200.

Please note the following:

- a) On June 30, 2011, we informed Jay Yoder, your physics consultant that additional information is needed to support the request to name Harjinder S. Grewal, M.D. as AU. On August 5, 2011, Mr. Yoder notified us that you had not yet obtained the required additional information about Dr. Grewal's training and wished to withdraw this request, pending future resubmission.
- b) In accordance with a discussion with Raji Subramanyam, Ph.D. of your staff on August 18, 2011, this amendment reduces your possession limit for brachytherapy sources permitted by 10 CFR 35.400 and divides this authorization into three line items for different radionuclides.

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).

Current NRC regulations and guidance are included on the NRC's website at 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 1-866-512-1800. The GPO is open from 7:00 a.m. to 6:30 p.m. EST, Monday through Friday (except Federal holidays).

T. Murphy, FACHE

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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. 53

cc:
Martin Begley, M.D., Radiation Safety Officer

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