



# Spectrum Health

Department of Radiology  
Butterworth Campus MC 46  
100 Michigan, NE  
Grand Rapids, MI 49503

## FAX TRANSMITTAL

Date 3/14/07 Time 15:50 Number of Pages (includes this one) 2

To NRC - INSPECTION Fax # 630-515-1078 Phone # 630-829-9887

From Bruce Hasselquist Fax # 616-391-2665 Phone # 616-391-3646/2498

RE Nuclear Powered Pacemaker Explant

### Confidential Information

Message Please deliver to Nuc Materials Inspection  
as soon as possible. See W. Reichhold for  
additional information.

Thank you.

The document(s) accompanying this fax transmission contain confidential information protected by Federal Law. The information is intended only for the use of the individual(s) or entity named above. If you are not the intended recipient, you are notified that any disclosure, copying, distribution, or the taking of any action in regards to the content of this faxed information is not permissible. Any further release of these documents without additional authorization by the patient will be a breach of confidentiality.

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## Spectrum Health

*Butterworth Campus*

100 MICHIGAN STREET NE GRAND RAPIDS MI 49503-2560  
616 391 1774 FAX 391 2745 [www.spectrum-health.org](http://www.spectrum-health.org)

March 14, 2007

United States Nuclear Regulatory Commission  
Region III, Nuclear Materials Inspection  
2443 Warrenville Road, Suite 210  
Lisle, IL 60532-4352

License Number: SNM-1432 (Spectrum Health Hospitals)  
Docket #070-01486

Dear Sir or Madam:

I am hereby providing notification that a nuclear-powered pacemaker has been explanted from one of our patients. The patient died on 2/15/07 from causes other than an adverse reaction or malfunction of the pacemaker. The certificate of death lists the cause of death as:

- Arteriosclerotic vascular disease
- Hypertension
- Bronchostriction

The explanted pacemaker was a Coratomic Model C 101, Serial #11. Please note that there was an error in our license condition 9.A which incorrectly spells the manufacturer's name as "Coramatic".

I apologize for my failure to report this event within 24 hours per Item 16 of our license. We will add the notification requirements to our Explant Notification Procedure to ensure this does not happen in the future. I discussed this matter with William Reichhold (licensing) this morning. We will document this incident as a self-identified violation in the minutes of our RSC which met today.

We are currently in the process of securing appropriate disposal of this source. We still have 4 remaining Cordis pacemakers in other patients.

If you have any questions regarding this notification or need additional information, please contact Bruce E. Hasselquist, Ph.D., RSO at 616-391-2498.

Sincerely,

Bruce E. Hasselquist, Ph.D., RSO  
Chief Medical Physicist, Radiology

cc: Larry Genzink, Director, Radiology  
Thomas Getz, MD, Chair, RSC