



August 14, 2006

Mr. Jim Montgomery  
Nuclear Regulatory Commission  
5803 Pine Hollow Road  
Clayton, CA 94517

**RE: NRC License Application – Submission of Sealed Source Information  
Lovelace Respiratory Research Institute  
Albuquerque, New Mexico**

Dear Mr. Montgomery:

As we discussed on the phone, I am submitting the Sealed Source Information for inclusion in our NRC License Application.

If you have any questions or need additional information please contact me at 505-348-9672.

Regards,

Joe Mauser, P.E., CSP  
Radiation Safety Officer

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*Curing Respiratory Disease*

**Lovelace Respiratory Research Institute**

2425 Ridgcrest Drive SE • Albuquerque, New Mexico 87108 • Phone 505-348-9400 • Fax 505-348-8567 • [www.LRRI.org](http://www.LRRI.org)

**Attachment "Item 5 - Radioactive Material Sealed Sources"**

a. Element and Mass Number	b. Chemical and/or physical form	c. Manufacturer/ Model Number	d. Maximum amount
J. Thorium-230	Sealed source	Eberline/ CS-10	No single source to exceed 20 microcuries
K. Polonium-210	Sealed source	NRD/P-100	No single source to exceed 50 microcuries
L. Krypton-85	Sealed source	IPL/KR55841200M	Not to exceed 3 curies

*NFR-584*

*2.2 ci*

**Attachment "Item 6 - Purpose(s) for which licensed material will be used".**

Radioactive material	Purpose(s)
J. Thorium-230	Operational check sources
K. Polonium-210	Static discharge unit
L. Krypton-85	Used to test betavoltaic power devices. The beta radiation hits the power generating device and produces power.

From: Origin ID: (505)348-9534  
Sherianne Pierce  
LOVELACE RESP RES INST  
2425 RIDGECREST DR SE

ALBUQUERQUE, NM 87108

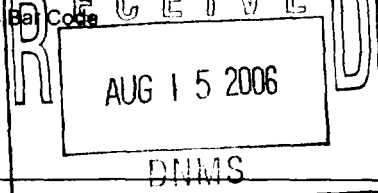


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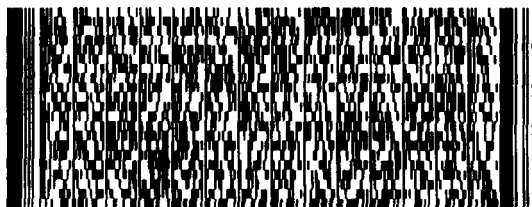


SHIP TO: (925)673-9646

BILL SENDER

**Jim Montgomery**  
Nuclear Regulatory Commission  
5803 Pine Hollow Road

**Clayton, CA 94517**



**STANDARD OVERNIGHT**

**TUE**

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FORM  
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