

FAX TRANSMITTAL

To: Tom Thompson
Nuclear Materials Safety and Safeguards (NMSS)
NRC Region 1
Phone: 610-337-5303
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03006981

From: Jeanette Eng
Health Physicist
USEPA, Region 2

Date: February 27, 2013

Subject: Notification of Transfer of Radium Check Source

As we discussed today by phone and per your request that I provide a fax notification, this notification concerns the transfer of a 100 kBq (2.7 uCi) Ra-226 check source from the EPA Region 2 facility in Edison, NJ, to the EPA facility in Las Vegas, NV.

EPA Region 2 bought the check source in 2002 before there was a NRC requirement to license certain radium sources. At a symposium in Philadelphia, PA, held on November 9, 2012, about Madam Curie, we became aware that this radium source would require NRC licensing. Rather than pursue obtaining a specific license since all our other sources are exempt sources, we looked into determining if another EPA facility could accept this source under its NRC license.

The Radiation and Indoor Environments National Laboratory (R&IENL), the EPA laboratory located in Las Vegas, NV, was willing to take our source under its license. See copy of signed transfer approval form and picture of the source. R&IENL's NRC license is 27-05861-02. EPA Region 2 hired Radiac Environmental Services to package the source in accordance with DOT regulations for Limited Quantity shipments and the source was shipped on February 20, 2013. RIENL notified us that they received, inspected, and accepted the 100 kBq Ra-226 check source on February 21, 2013.

Please let me know if you have any questions. You can reach me by email (Eng.Jeanette@epa.gov) or by phone (212-637-3765).

REC'D IN LAT 2-27-13

Radiation & Indoor Environments National Laboratory (R&IENL)

TRANSFER RADIOACTIVE MATERIALS AND/OR EQUIPMENT

The transfer of radioactive materials and/or equipment containing or have contained radioactive materials requires the approval of the Radiation Safety Officer prior to transfer. Please refer to the instructions on the back of this form to appropriately complete the transfer of radioactive materials.

MATERIAL / EQUIPMENT TRANSFERRED:

Isotope	Assay Activity	Assay Date	Chemical Form	Manufacturer	Notes (Identification # if possible)
Ra-226	100 kBq	~ 2000	Bead in capillary tube in plastic disc.	Isotrak	Product Code: RARB9480 ID: LK 859

Please attach Swipe and Survey Form with results and/or any addition information needed for the transfer (See Note 1.b)

RELEASING LABORATORY/INSTITUTION INFORMATION

Signature of Supervisor releasing Eric Mosher Signature of the releasing RSO Jeanette Eng
 Date 1/29/2013 Date 1/28/2013

USEPA, Edison Facility, 2890 Woodbridge Ave, Edison, NJ 08837
 Address

This source was bought in 2002 before requirement to license it. We wish to transfer the source within EPA to a unit that has a specific license so source can meet current licensing requirements.

RECEIVING LABORATORY/INSTITUTION INFORMATION

Signature of Supervisor receiving Ronald J. [Signature] Signature of the receiving RSO Jeanette Kelly
 Date 12 Feb 2013 Date 1/30/2013

4220 South Maryland Parkway, Bldg C, Las Vegas, NV 89123
 Address

RAM License # 27-05861-02 Issued By NRC Exp. Date 3/31/2017

