

**From:** Thomas Thompson  
**To:** Internet:Damaris@hotmail.com; Internet:Rmartinez@ramad.uprm.edu  
**Date:** Mon, Nov 15, 2004 10:59 AM  
**Subject:** Amendment request for Mossbauer Spectrometer

I reviewed your Amendment request and have an additional question . Do you know the NRC sealed source and device registry number for this device? I see one indicated as NR-1112-S-101-S for Sn-119m but it does not cover the Model MS#/W300. Sometimes our computer files are not updated to the latest amendments on new devices or there are errors in numbers used for identifying model numbers. For this information request you may send a reply by e-mail or facsimile to 610 337 5269 and refer to Mail Control number 135977 concerning this issue.

Thank you.

**Mail Envelope Properties** (4198D265.CDD : 23 : 35376)

**Subject:** Amendment request for Mossbauer Spectrometer  
**Creation Date:** Mon, Nov 15, 2004 10:59 AM  
**From:** Thomas Thompson

**Created By:** TKT@nrc.gov

**Recipients**

hotmail.com

Damaris (Internet:Damaris@hotmail.com)

ramad.uprm.edu

Rmartinez (Internet:Rmartinez@ramad.uprm.edu)

**Post Office**

hotmail.com

ramad.uprm.edu

**Route**

Internet

Internet

**Files**

MESSAGE

**Size**

967

**Date & Time**

Monday, November 15, 2004 10:59 AM

**Options**

**Expiration Date:**

None

**Priority:**

Standard

**Reply Requested:**

No

**Return Notification:**

None

**Concealed Subject:**

No

**Security:**

Standard

**From:** "Damaris Santiago" <dsantiago@rumad.uprm.edu>  
**To:** "Thomas Thompson" <TKT@nrc.gov>  
**Date:** Wed, Nov 24, 2004 10:17 AM  
**Subject:** RE: FW: Amendment request for Mossbauer Spectrometer

These sources are not fixed to the instrument; the MS3/M302 is the spectrometer model number.

According to the Web Research website, they have eleven different Sn-119, they vary in nominal activity and holder type. As I understand, NR-1112-S-101-S includes all MSn9 series.

-----Original Message-----

From: Thomas Thompson [mailto:TKT@nrc.gov]  
Sent: Wednesday, November 24, 2004 10:18 AM  
To: dsantiago@rumad.uprm.edu  
Subject: Re: FW: Amendment request for Mossbauer Spectrometer

I understand that he is saying the MS3 is not the source number, however, he never says what the source number will be. I assume it must be one of the MSn9 series listed on the SSD registry No. NR-112-S-101-S. Is that correct?

>>> "Damaris Santiago" <dsantiago@rumad.uprm.edu> 11/24/04 08:57AM >>>  
Dear Mr. Thompson:

We contact Mr. Tom Kent, President of Web Research Co., to request information related to the Sn-119m source SSDR number. I am sending Mr. Kent answer. If you have any other concern, please let us know.

Thanks,

Damaris Santiago  
Health and Safety Office  
University of Puerto Rico, Mayagüez Campus

-----Original Message-----

From: Tom Kent [mailto:tkent@webres.com]  
Sent: Wednesday, November 24, 2004 9:19 AM  
To: 'Damaris Santiago'  
Subject: RE: Amendment request for Mossbauer Spectrometer

Dear Mr. Santiago,

The instrument that will be installed for Dr. Uwakweh is the Model 302 Spectrometer. I call the complete integrated system the MS3, but there is no hardware with this name on it. The SSDR sheet pertains only to the source and has nothing to do with the instrument. I want to make this very clear: Only the Sn119m Ritverc sources and the Co-57 Ritverc sources are listed on the SSDR. The instrument is a custom built research device and is not listed on the SSDR. All specific licenses that I have seen list only the source and not the instrument.

If the NRC wishes to contract me directly they are welcome to do so.

Sincerely,

Tom

Thomas A. Kent, Pres.  
WEB Research Co., 5640 Dewey Hill Rd., Edina, MN 55439 USA  
tel. 612-328-3714 FAX 612-395-5558 tkent@webres.com www.WEBRES.COM

-----Original Message-----

From: Damaris Santiago [mailto:dsantiago@rumad.uprm.edu]  
Sent: Tuesday, November 23, 2004 1:29 PM  
To: tkent@webres.com  
Subject: FW: Amendment request for Mossbauer Spectrometer  
Dear Mr. Kent:

The NRC is reviewing our license amendment request to include a Sn-119m source. This is related to Dr. Oswald Uwakweh Mössbauer Spectrometer purchase.

I'm replying a question they have regarding the SSDR number (attached). Please let me know if the instrument model number is correct (MS3/W300). We will appreciate any information.

Thanks,

Damaris Santiago  
Health and Safety Office  
University of Puerto Rico, Mayagüez Campus

-----Original Message-----

From: Thomas Thompson [mailto:TKT@nrc.gov]  
Sent: Monday, November 22, 2004 4:21 PM  
To: DSantiago@rumad.uprm.edu  
Subject: Fwd: Amendment request for Mossbauer Spectrometer

**Mail Envelope Properties** (41A4A619.038 : 15 : 20536)

**Subject:** RE: FW: Amendment request for Mossbauer Spectrometer  
**Creation Date:** Wed, Nov 24, 2004 10:14 AM  
**From:** "Damaris Santiago" <dsantiago@rumad.uprm.edu>

**Created By:** dsantiago@rumad.uprm.edu

**Recipients**

nrc.gov  
kp1\_po.KP\_DO  
TKT (Thomas Thompson)

**Post Office**  
kp1\_po.KP\_DO

**Route**  
nrc.gov

<b>Files</b>	<b>Size</b>	<b>Date &amp; Time</b>
MESSAGE	3001	Wednesday, November 24, 2004 10:14 AM
Mime.822	4127	

**Options**

**Expiration Date:** None

<b>Priority:</b>	Standard
<b>Reply Requested:</b>	No
<b>Return Notification:</b>	None
<b>Concealed Subject:</b>	No
<b>Security:</b>	Standard