

From: [Geber, Kurt R. \(KSC-SIE10\)](#)
To: [Lawyer, Dennis](#)
Cc: [Timm, Tristan J. \(KSC-KEM-3700\)\[Integrated Mission Support Service\]](#); [Tipton, David A. \(KSC-SIE10\)](#)
Subject: [External_Sender] RE: Request for Correction: License #09-11149-03 Docket #030-14904
Date: Thursday, July 27, 2017 8:21:52 PM
Importance: High

Mr. Lawyer,

KSC requests the addition of the following model numbers be added to 7.G. of our current license:

- AFSS-010
- CS 7ASP

DNS-5 is not needed. The maximum of 1 microcurie per source and 2 microcurie total limits are appreciated as well.

Thank you for your assistance resolving this issue.

Respectfully,

Kurt Geber, CHP
Radiation Protection Officer
Kennedy Space Center
(321) 867-6958
Cell: (321) 607-0054

From: Geber, Kurt R. (KSC-SIE10)
Sent: Tuesday, July 25, 2017 6:12 PM
To: 'Lawyer, Dennis' <Dennis.Lawyer@nrc.gov>
Cc: Timm, Tristan J. (KSC-KEM-3700)[Integrated Mission Support Service] <tristan.j.timm@nasa.gov>
Subject: RE: Request for Correction: License #09-11149-03 Docket #030-14904

Mr. Lawyer,

Thank you for your email reply. We will research the DNS-5 question and provide a complete response back to you as soon as possible, but no later than COB Thursday this week.

Thank you.

Kurt Geber, CHP
Radiation Protection Officer
Kennedy Space Center
(321) 867-6958

From: Lawyer, Dennis [<mailto:Dennis.Lawyer@nrc.gov>]
Sent: Tuesday, July 25, 2017 3:30 PM
To: Geber, Kurt R. (KSC-SIE10) <kurt.r.geber@nasa.gov>

Subject: RE: Request for Correction: License #09-11149-03 Docket #030-14904

Mr. Geber,

I checked into the records and found that in response to a request for information, we received a letter on September 10, 2013, which stated:

1. Eckert and Ziegler Models EAB-LB, A-2 AND AFSS-0010 AND QSA GLOBAL Models VZ-1370 and VZ-3516 were not listed in the sealed source and device registry. Request these sources be listed on our license under the form of "any".

Unfortunately, I failed to follow up on limits as the only "any" authorized on the license was only for atomic number 3-83. It was an oversight not including it as "any" on the license. This is why those sources were not included on the renewal. No possession limit was suggested for this.

There was not a request for the 1 microcurie TMA Eberline source, model CS 7ASP in the renewal, but there was a request for TMA/Eberline Model DNS-5. Since TMA/Eberline has only a few models in the Sealed Source and Device Registry, it seemed that this might be the correct model number as listed in the sealed source device registry instead of CS 7ASP as listed on earlier correspondence.

The rule of 10 CFR 30.32(g) has changed since the renewal and we may now place Am-241 sources by manufacturer and Model number on the license that are under 10 microcuries.

I want to be clear. **What model numbers do you want added to 7.G. of your current license? This would replace what was needed to be "any" that should have been added in the renewal. I will keep it a maximum of 1 microcurie per source and 2 microcurie total. I can add back on the DNS-5 if you need it.**

Dennis Lawyer
U.S. NRC Region 1
Health Physicist
610-337-5366

From: Geber, Kurt R. (KSC-SIE10) [<mailto:kurt.r.geber@nasa.gov>]

Sent: Tuesday, July 25, 2017 12:57 PM

To: Lawyer, Dennis <Dennis.Lawyer@nrc.gov>

Cc: Timm, Tristan J. (KSC-KEM-3700)[Integrated Mission Support Service] <tristan.j.timm@nasa.gov>

Subject: [External_Sender] Request for Correction: License #09-11149-03 Docket #030-14904

Dear Mr. Lawyer,

Your insights this morning on the history of Am-241 source model numbers listed on the NASA materials license (09-11149-03) at Kennedy Space Center (KSC) was appreciated; particularly, discussion of the omission of our Eckert & Ziegler model no. AFSS-0010 Am-241 source beginning with amendment no. 12. As continued use of the AFSS-0010 source is important to our contingency air monitoring program I am requesting that a corrected copy of our license can include that model number. Also, we will expedite disposal of the remaining 1 microcurie TMA Eberline source, model

CS 7ASP, noted as part of KSC's licensed source inventory in Mr. Scott's correspondence to Mr. Courtemanche dated 16 July 2012, which however, was not captured on subsequent license amendments. If possible, including an increase in the total Am-241 limit in the corrected copy would be appreciated to justify possession of this pre-1990 source during the period it was inadvertently omitted from our license. Thank you for your time and consideration of this matter.

Sincerely,

Kurt Geber, CHP

kurt.r.geber@nasa.gov

Radiation Protection Officer

Kennedy Space Center

(321) 867-6958