

6. Byproduct, source, and/or special nuclear material	7. Chemical and/or physical form	8. Maximum Amount that licensee may possess at any one time under this license
Cesium-137	Sealed Sources Manufacturer: <u>(AEA Technology/QSA, Inc., & Isotope Product Laboratories)</u> , Model No(s): <u>(CDCW556; and HEG-137)</u>	15 millicuries per source, and 1,000 millicuries total.
Americium-241	Sealed Sources Manufacturer: <u>(AEA Technology/QSA, Inc., & Isotope Product Laboratories)</u> , Model No(s): <u>(AMNV.997; and AM1.NO2, 3021 and 3027)</u>	100 millicuries per source, and 800 millicuries total.
Californium-252	Sealed Sources (Manufacturer _____, Model No(s). _____)	_____ millicuries per source, and _____ millicuries total.

Murnahan, Colleen

From: Everett, Samantha
Sent: Thursday, August 12, 2010 3:08 PM
To: Murnahan, Colleen
Subject: FW: Possession Limits For Your NRC License
Attachments: NRC Open Ended Possession Limits 72810.doc; Cover Letter to NRC re License Radionuclide Possession Limits.pdf

License Amendment

From: Stephanie Kennedy [mailto:skennedy@earthsys.com]
Sent: Thursday, August 05, 2010 2:24 PM
To: Everett, Samantha
Subject: RE: Possession Limits For Your NRC License

Stephanie Kennedy
Engineering Technician

Earth Systems Pacific
2049 Preisker Lane, Suite E
Santa Maria, CA 93454
(805) 928-2991 Phone
(805) 928-9253 Fax
skennedy@earthsys.com
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Hi Samantha,

In response to your e-mail request dated July 27, 2010 attached is Earth Systems Pacific (NRC License No. 04-23286-01 and Docket No. 030-30653) list for each radionuclide listed in our license and a signed cover letter thereto. If you should have any questions or concerns please feel free to contact me at my office phone (805) 928-2991 or via e-mail. Thanks and have a great day!

Stephanie Kennedy
Engineering Technician

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(805) 928-9253 Fax
skennedy@earthsys.com

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From: Everett, Samantha [mailto:Samantha.Everett@nrc.gov]
Sent: Monday, August 02, 2010 8:57 AM
To: skennedy@earthsys.com
Subject: RE: Possession Limits For Your NRC License

Hi Stephanie,

I apologize. Your license is not exactly "open-ended". We would like the limits on your license to reflect the number of gauges you possess.

From: Stephanie Kennedy [mailto:skennedy@earthsys.com]
Sent: Monday, August 02, 2010 10:35 AM
To: Everett, Samantha
Subject: RE: Possession Limits For Your NRC License

Hi Samantha,

In regards to your request below dated July 27, 2010, it states that our NRC License currently has an "open ended" possession limit for the radionuclide's that we possess under our license # 04-23286-01, however I am having trouble seeing where it says that we have an "open-ended" possession limit. Can you please point me in the right direction so that I may understand this request more clearly? Thank you so much I really appreciate your assistance.

Stephanie Kennedy
Engineering Technician

Earth Systems Pacific
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From: Everett, Samantha [mailto:Samantha.Everett@nrc.gov]
Sent: Tuesday, July 27, 2010 2:28 PM

To: skennedy@earthsys.com
Subject: Possession Limits For Your NRC License

License No. 04-23286-01
Docket No. 030-30653

Ms. Kennedy,

Your license currently has "open ended" possession limits for the radionuclides that you possess. The NRC no longer writes its licenses in this manner. Please provide the following information for each radionuclide listed on your license:

1. The manufacturer and model number
2. The amount of activity requested per source, and
3. The total possession limit requested for each radionuclide that you currently possess or may use in the future

You may wish to request a possession limit adequate to allow for the possession of a spare source(s) during replacement of the source in a device(s), to accommodate the future purchase of additional sources, and/or any sources and/or devices you may have in storage and not currently using. As a suggestion, you may wish to provide this information using a table similar to the one below:

6. Byproduct, source, and/or special nuclear material	7. Chemical and/or physical form	8. Maximum Amount that licensee may possess at any one time under this license
Cesium-137	Sealed Sources (Manufacturer _____, Model No(s). _____)	_____ millicuries per source, and _____ millicuries total.
Americium-241	Sealed Sources (Manufacturer _____, Model No(s). _____)	_____ millicuries per source, and _____ millicuries total.
Californium-252	Sealed Sources (Manufacturer _____, Model No(s). _____)	_____ millicuries per source, and _____ millicuries total.

Please respond to this e-mail by August 6, 2010. If you are unable to respond by this due date, please don't hesitate to contact me so we can discuss an extension to the date. You may respond by e-mail in pdf format if you'd like to samantha.everett@nrc.gov. Please include a cover letter signed by management with your requested limits. If you have any questions regarding this e-mail, please call me at 817-860-8040. When responding to this e-mail, please include the license and docket numbers located at the top of this page.

Thanking you in advance for your cooperation, assistance and prompt response in this matter.

Samantha J. Everett
Student Health Physicist
U.S. Nuclear Regulatory Commission - Region IV
Division of Nuclear Materials Safety
612 East Lamar Boulevard, Suite 400
Arlington, Texas 76011-4125
Telephone 817-860-8040
samantha.everett@nrc.gov

BETWEEN:

Accounts Receivable/Payable
and
Regional Licensing Branches

[FOR ARPB USE]
INFORMATION FROM LTS

Program Code: 03121
Status Code: Pending Amendment
Fee Category: 3P
Exp. Date:
Fee Comments:
Decom Fin Assur Req'd: N

License Fee Worksheet - License Fee Transmittal

A. REGION

1. APPLICATION ATTACHED

Applicant/Licensee: EARTH SYSTEMS PACIFIC
Received Date: 08/23/2010
Docket Number: 3030653
Mail Control Number: 573383
License Number: 04-23286-01
Action Type: Amendment

2. FEE ATTACHED

Amount: _____

Check No.: _____

3. COMMENTS

Signed: Colleen Murnahan

Date: 8-25-2010

B. LICENSE FEE MANAGEMENT BRANCH (Check when milestone 03 is entered / /)

1. Fee Category and Amount: _____

2. Correct Fee Paid. Application may be processed for:

Amendment: _____

Renewal: _____

License: _____

3. OTHER _____

Signed: _____

Date: _____