

PO Box 250
Valley Park, MO 63088
Phone: 636-343-4944
Fax: 636-225-0486

**Simpson Construction
Materials LLC**

Fax

To: Kevin Mall From: J C Webb
Fax: 630 515 1078 Date: 9-30-09
Phone: 630 829 9854 Pages: 6
Re: _____ CC: _____

Urgent For Review Please Comment Please Reply Please Recycle

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Items 5-11

ITEMS 5 & 6. MATERIALS TO BE POSSESSED AND PROPOSED USES

Radioisotopes: Am-241:Be, Cs-137, and Ra-226:Be

Device manufacturer and models: Seaman Nuclear Corporation models C-300, C-200, and C-75. These are listed in the Sealed Source and Device Registry. For additional information see the enclosed page titled: "Devices and Sealed Source Details". For business flexibility, we recommend listing several models, so the license does not have to be amended, for example, to get a loaner or rental gauge. If the NRC asks you to specify the total activity for each isotope, we recommend requesting sufficient activity for at least one more radium gauge (5.5 mCi each) and one more cesium (10mCi)/americium (40 mCi) gauge than you currently own.

Quantity: Not to exceed maximum activity per source as specified in Sealed Source and Device Registration Sheets.

The following devices are currently in our possession: Seaman Nuclear Corporation models 200 containing Ra-226:Be.

Use: Measuring the physical properties of construction materials as specified in Sealed Source and Device Registration Sheets.

Financial Assurance is Not Required. Quantities of material possessed will be less than limits specified in 10 CFR 30.35.

ITEM 7. INDIVIDUAL(S) RESPONSIBLE FOR RADIATION SAFETY PROGRAM AND THEIR TRAINING AND EXPERIENCE - RADIATION SAFETY OFFICER

The current RSO is Joseph C Webb. The RSO has attended a portable gauge manufacturer's training course.

" Before obtaining licensed materials, the proposed RSO will have successfully completed one of the training courses described in Criteria in the section entitled 'Individual(s) Responsible for Radiation Safety Program and Their Training and Experience – Radiation Safety Officer' in NUREG-1556, Vol. 1, Rev. 1, 'Consolidated Guidance about Materials Licenses: Program-Specific Guidance about Portable Gauge Licenses,' dated November 2001 "

8. TRAINING FOR INDIVIDUALS WORKING IN OR FREQUENTING RESTRICTED AREAS

Before using licensed materials, authorized users will have successfully completed one of the training course described in Criteria in the section entitled "Training for Individuals Working In or Frequenting Restricted Areas" in NUREG-1556, Vol. 1, Rev 1, dated November 2001.

9. FACILITIES AND EQUIPMENT

No information needs to be submitted with the application to the NRC on this matter.

10.3 RADIATION SAFETY PROGRAM – INSTRUMENTS

A statement that: " We will either possess and use, or have access to and use, a radiation survey meter that meets the criteria in the section entitled 'Radiation Safety Program – Instruments' in NUREG-1556, Vol. 1 Rev. 1, 'Consolidated Guidance about Materials Licenses: Program-Specific Guidance about Portable Gauge Licenses,' dated November 2001, in the event of an incident." If you need a survey instrument, please contact us.

10.4 RADIATION SAFETY PROGRAM - MATERIAL RECEIPT AND ACCOUNTABILITY

Physical inventories will be conducted at intervals not to exceed 6 months, to account for all sealed sources and devices received and possessed under the license.

10.5 RADIATION SAFETY PROGRAM - OCCUPATIONAL DOSIMETRY

Either we will maintain, for inspection by NRC, documentation demonstrating that unmonitored individuals are not likely to receive a radiation dose in excess of 10% of the allowable limits in 10 CFR Part 20, or we will provide dosimetry processed and evaluated by a NVLAP-approved processor that is exchanged at a frequency recommended by the processor.

10.7 RADIATION SAFETY PROGRAM - OPERATING & EMERGENCY PROCEDURES

Operating and emergency procedures will be developed, implemented, and maintained, and will meet the criteria in the section entitled 'Radiation Safety Program – Operating and Emergency Procedures' in NUREG-1556, Vol. 1, Rev. 1, 'Consolidated Guidance about Materials Licenses: Program-Specific Guidance about Portable Gauge Licenses,' dated November 2001.

10.8 RADIATION SAFETY PROGRAM - LEAK TEST

Leak tests will be performed at intervals approved by the NRC or an Agreement State and specified in the Sealed Source and Device Registration Sheet. Leak tests will be performed by an organization authorized by NRC or an Agreement State to provide leak testing services for other licensees or using a leak test kit supplied by an organization authorized by NRC or an Agreement State to provide leak test kits to other licensees and according to the kit supplier's instructions. Seaman Nuclear Corporation is authorized to perform leak test analysis.

10.9 RADIATION SAFETY PROGRAM - MAINTENANCE ROUTINE CLEANING & LUBRICATION

We will implement and maintain procedures for routine maintenance of our gauges according to each manufacturer's recommendations and instructions.

NON-ROUTINE MAINTENANCE

We will send the gauge to the manufacturer or other person authorized by NRC or an Agreement State to perform non-routine maintenance or repair operations that require the removal of the source or source rod from the gauge.

11. WASTE MANAGEMENT

No information needs to be submitted with the application to the NRC on this matter.