



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION I
475 ALLENDALE ROAD
KING OF PRUSSIA, PENNSYLVANIA 19406-1415

August 22, 2006

Docket No. 03037295
Control No. 139021

License No. 47-28665-03

Charles R. Landfried
President
Wm. B. Johnson & Associates, Inc.
Post Office Box 472
Ronceverte, WV 24970

SUBJECT: WM. B. JOHNSON & ASSOCIATES, INC., REQUEST FOR ADDITIONAL
INFORMATION CONCERNING APPLICATION FOR NEW LICENSE,
CONTROL NO. 139021

Dear Mr. Landfried:

This is in reference to your application dated June 23, 2006 applying for a Nuclear Regulatory Commission license. In order to continue our review, we need the following additional information:

1. Item 5.b. of your application indicates that the sealed source(s) will be contained in a J. L. Shepherd Model 28-6 device. Please provide the manufacturer's name and model numbers for the sealed sources for which you want authorization.
2. Item 9.2.a. of your application states that you will have at least two calibrated survey meters. Please describe the manufacturer and model number of the instruments and probes as well as the frequency at which they shall be calibrated. If you will be calibrating your own instruments, then provide the procedures that you will follow for our review, otherwise, the name and license number of the vendor.
3. Item 9.2.d. of your application states that you possess a counting system capable of detecting 0.005 microcuries or less of licensed material for conducting wipe tests. Please provide the manufacturer's name and model number for the device, as well as your calculations for your minimum detectable activity and the procedures for analyzing your wipes.
4. Page 7 of your application depicts a diagram of your facility with maximum radiation fields in unrestricted areas of 5 millirem per hour. 10 CFR 20.1301(a)(2) requires that a licensee conduct its operations so that the dose in any unrestricted area from external sources, with an exclusion for medical patients, does not exceed 2 millirem in any one hour. Please confirm that you shall either install additional shielding or limit operations in any given hour so that radiation levels of 2 millirem in any one hour are not exceeded.
5. Page 9 of your application has references to 10 CFR 31.5. Please note that the device that you want authorization requires a specific license and the regulations to which you refer are for general licensed devices and do not apply.

C. Landfried
Wm. B. Johnson & Associates, Inc.

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Current NRC regulations and guidance are included on the NRC's website at www.nrc.gov; select **Nuclear Materials; Medical, Academic, and Industrial Uses of Nuclear Material**; then **Toolkit Index Page**. Or you may obtain these documents by contacting the Government Printing Office (GPO) toll-free at 1-888-293-6498. The GPO is open from 7:00 a.m. to 8:00 p.m. EST, Monday through Friday (except Federal holidays).

We will continue our review upon receipt of this information. Please reply to my attention at the Region I Office and refer to Mail Control No. 139021. If you have any technical questions regarding this deficiency letter, please call me at (610) 337-5075.

If we do not receive a reply from you within 30 calendar days from the date of this letter, we will assume that you do not wish to pursue your application.

Sincerely,

Original signed by Steven Courtemanche

Steven Courtemanche
Health Physicist
Commercial and R&D Branch
Division of Nuclear Materials Safety

C. Landfried
Wm. B. Johnson & Associates, Inc.

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SUNSI Review Complete: SCourtemanche

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