



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, DC 20555-001

February 14, 2013

Mail Control No. 579625

Mr. Gregory Landry  
Radiation Safety Officer  
Canberra Industries, Inc.  
800 Research Parkway  
Meriden, CT 06450

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION

Dear Mr. Landry:

This letter is in response to your application dated December 18, 2012, for a renewal of your exempt distribution. A review of your application indicated that it lacks required information to complete our safety review and evaluation. We have summarized the issues that need to be addressed in an enclosure to this letter.

Please submit the requested information within thirty days of the date of this letter. If we have not received complete information within thirty days of the date of this letter, we will consider your application as having been abandoned by you. This action would be without prejudice to the resubmission of another application with the required information.

In accordance with 10 CFR 2.390 of NRC's "Rules of Practice," a copy of this letter and its enclosure will be available electronically for public inspection in NRC's Public Document Room or from the Publicly Available Records (PARS) component of NRC's document system (ADAMS). ADAMS is accessible from the NRC web site at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

If you have any questions regarding your application, please contact me at 301-415-5619 or [lymari.sepulveda@nrc.gov](mailto:lymari.sepulveda@nrc.gov). Any correspondence regarding the new application should reference the control number specified above.

Sincerely,

**/RA/**

Lymari Sepulveda  
Licensing Branch  
Division of Materials Safety and State Agreements  
Office of Federal & State Materials &  
Environmental Management Programs  
Washington, DC 20555

Docket No. 030-36154  
Enclosure: As stated

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DATE:	2/14/2013	2/14/2013		

OFFICIAL RECORD COPY

## Enclosure

### Request for Additional Information

The information requested in the following paragraphs is required by Title 10, Code of Federal Regulations, Chapter 32. Each paragraph is derived from a section within this chapter.

1. Section 32.14(a) requires the applicant to satisfy the general requirements specified in 10 CFR 30.33. In your application you indicated that the material will be used at 800 Research Parkway, Meriden, Connecticut and 107 Union Valley Road, Oak Ridge, Tennessee. Please provide your Connecticut and Tennessee possession license. Please indicate if material will still be used at 58 Richboynton rd Dover, New Jersey. If so please provide your New Jersey possession license.
2. Section 32.14(b)(1) requires the applicant to submit the information regarding chemical and/or physical form and maximum amount of byproduct material in each product. Please indicate if you wish to add Sodium-22 to your distribution license. If so, please provide the chemical and physical form and maximum quantities of byproduct material in each product containing Sodium-22.
3. Section 32.14(b)(4) requires the applicant to submit information concerning the procedures for and results of prototype testing to demonstrate the material will not become detached from the product and that the byproduct material will not be released to the environment under the most severe conditions likely to be encountered in normal use of the product. Your application did not appear to contain information which confirms that the product will maintain its integrity in conditions likely to be encountered in normal use of the product. Please submit procedures and results for prototype testing or historical information that demonstrate the integrity of the product.