



**UNITED STATES
NUCLEAR REGULATORY COMMISSION**
WASHINGTON, D.C. 20555-0001

August 4, 2014

Donna Ketchum
Senior Safety Analyst
Radiation Safety Officer
Honeywell International, Inc.
23500 W. 105th St.
Olathe, KS 66061

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION

Dear Ms. Ketchum:

This letter refers to your application dated May 22, 2014, Agencywide Documents Access and Management System (ADAMS) Accession No. ML14155A277, for your renewal of the Nuclear Regulatory Commission (NRC) Exempt-Distribution Materials License no. 15-19986-01E. In reviewing your application, we find additional information is required to complete our review. In order to continue our review, please address the issues listed below. This information is required by 10 CFR 32.14, "Certain items containing byproduct material; requirements for license to apply or initially transfer," and described in the relevant guidance document NUREG-1556 Volume 8 titled "Program-Specific Guidance about Exempt Distribution Licenses."

1. In NRC form 313, "Application for Materials License," under item 2 and 3, you stated that the mailing address and the address where the licensed material will be used or possessed is "23500 W. 105th St., Olathe, KS 66061." On the other hand, on your current exempt distribution license the mailing address and the address where the licensed material is used or possessed is "One Technology Center, 23500 W. 105th Street, Olathe, Kansas 66061." Please clarify which is the correct mailing address and which is the correct address where licensed material will be used or possessed. Note that the address used in the exempt distribution license shall be the same as the address used on your possession license from the Agreement State of Kansas.
2. Persons who manufacture, process, produce or initially transfer for sale products containing byproduct material must meet the general requirements of 10 CFR 30.33 for possession and use of licensed material. Please provide a copy of your Kansas radioactive material license.
3. As stated in 10 CFR 32.14(b)(7), for products for which limits on levels of radiation are specified in 10 CFR 30.15, the level of radiation and method of measurement are required. 10 CFR 30.15 required that each electron tube containing byproduct material do not exceed 1 millirad per hour at 1 centimeter from any surface when measured through 7 milligrams per square centimeter of absorber. Please provide the radiation level and method of measurement for each gas plasma display model.

4. In question 5 of your application package, under "Radioactive Material," you stated that the gas plasma display module is a hermetically sealed device composed of three glass assemblies bonded together by a frit glass, and that the space between the glasses is filled with Ne/Ar/Kr-85 mixture. The gas plasma display drawings you provided do not demonstrate how the device is assembled and where Kr-85 is located. Please provide details of construction and design of final product that support your statement as required by 10 CFR 32.14(b)(2). Please provide a drawing that describes the construction aspects of the product including components of the product, material of construction, dimensions, assembly methods, and source containment and shielding. Particularly, these drawings should show the locations of the sources.

Any correspondence regarding your application should reference the control number specified below. Please submit the requested information within 30 days of the date of this letter. If we have not received complete information within 30 days of the date of this letter, we will assume that you do not wish to pursue your application, and we will take regulatory action to your current NRC License, 15-19986-01E.

In accordance with 10 CFR 2.390 of NRC's "Rules of Practice," a copy of this letter 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/NRC/ADAMS/index.html> (the Public Electronic Reading Room).

If you have any questions, please contact me at (301) 415-6004 or electronic mail: Hector.Rodriguez-Luccioni@nrc.gov

Sincerely,

/RA/

Hector Rodriguez-Luccioni, Ph.D.
Licensing Branch
Division of Materials Safety and
State Agreements
Office of Federal and State Materials and
Environmental Management Programs

Docket No. 03019631
Mail Control No. 584001
License No. 15-19986-01E

4. In question 5 of your application package, under "Radioactive Material," you stated that the gas plasma display module is a hermetically sealed device composed of three glass assemblies bonded together by a frit glass, and that the space between the glasses is filled with Ne/Ar/Kr-85 mixture. The gas plasma display drawings you provided do not demonstrate how the device is assemble and where Kr-85 is located. Please provide details of construction and design of final product that support your statement as required by 10 CFR 32.14(b)(2). Please provide a drawing that describes the construction aspects of the product including components of the product, material of construction, dimensions, assembly methods, and source containment and shielding. Particularly, these drawings should show the locations of the sources.

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DATE	8/1/2014	8/1/2014	8/4/2014	8/4/2014

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