



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

December 11, 2015

Barry Hallock
EHS Operations Leader
General Electric Company
1975 Noble Road, Building 114
East Cleveland, OH 44112

SUBJECT: GENERAL ELECTRIC COMPANY, REQUEST FOR ADDITIONAL
INFORMATION, LICENSE RENEWAL REQUEST

Dear Mr. Hallock:

This refers to your license renewal request dated September 30, 2015.

The regulations in 10 CFR 32.14(b) state, in part, that an application for a specific license to initially transfer for sale or distribution products containing byproduct material for use pursuant to 10 CFR 30.15 will be approved if the applicant submits sufficient information regarding the product pertinent to evaluation of the potential radiation exposure. In order to continue our review of your application, we need the following additional information.

1. The regulations in 10 CFR 32.14(b)(1) require applicants, in part, to submit information about the product, including the chemical and physical form of byproduct material in each product.

In Item 5.b of your application, the chemical and physical form of Hydrogen-3 was not provided. For Hydrogen-3, you did indicate that the chemical and/or physical form is "Hydrogen-3 with titanium in glow switches"; however, you did not provide the chemical and physical form of the Hydrogen-3.

Please provide the chemical and physical form of Hydrogen-3 listed in Item 5.b of your application.

2. The regulations in 10 CFR 32.14(b)(2) and (3) require applicants to submit information about the details of the construction and design of each product, and the method of containment or binding of the byproduct material in the product.

Your application did not include the information required by 10 CFR 32.14(b)(2) and (3).

Please provide the details of the construction and design of each product, and the method of containment or binding of the byproduct material in the product.

3. The regulations in 10 CFR 32.14(b)(6) require applicants, in part, to submit information about the proposed method of labeling or marking each unit and its container with the identification of the manufacturer or initial transferor of the product and the byproduct material in the product.

Your application did not provide the information required by 10 CFR 32.14(b)(6). Please note that Condition 14 of Amendment No. 6 of your license provides an exemption from the labeling requirements of 10 CFR 32.15(d) for individual glow switches based, in part, on your application dated September 22, 1994, and letters dated September 22, 1994; November 14, 1994; January 9, 1995; and June 26, 2000.

Please provide information about the proposed method of labeling or marking each unit and its container with the identification of the manufacturer or initial transferor of the product and the byproduct material in the product. If you request an exemption from some or all of the labeling requirements in 10 CFR 32.15(d), you should submit a complete and up-to-date request for this exemption without reference to information that you have previously provided.

4. The regulations in 10 CFR 32.14(b)(7) require that applicants submit information about the radiation level and the method of measurement at 1 centimeter from any surface when measured through 7 milligrams per square centimeter of absorber. Please note that 10 CFR 30.15(a)(8) requires that such levels of radiation may not exceed 1 millirad per hour.

Your application did not include the information required by 10 CFR 32.14(b)(7).

Please provide, for all products that you wish to distribute, information about the radiation level and the method of measurement at 1 centimeter from any surface when measured through 7 milligrams per square centimeter of absorber.

We will continue our review upon receipt of this information. 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 renewal application.

Please be aware that upon your request, proprietary information submitted to the NRC may be withheld from public disclosure. To do this, you must follow the procedures in 10 CFR 2.390(b) including requesting withholding at the time the information is submitted and complying with the document marking and affidavit requirements set forth in 10 CFR 2.390(b)(1).

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

B. Hallock

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If you have any questions, please contact me at (301) 415-5608, or by electronic mail at Eric.Reber@nrc.gov.

Sincerely,

/RA/ [Original Signed By]

Eric H. Reber
Materials Safety Licensing Branch
Division of Material Safety, State, Tribal,
and Rulemaking Programs
Office of Nuclear Material Safety and Safeguards

License No. 16-17316-01E
Docket No. 030-37042
Mail Control No. 589285

B. Hallock

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OFC	MSTR/MSLB	MSTR/MSLB	MSTR/MSLB	MSTR/MSLB
NAME	Eric Reber	Richard Struckmeyer	Hipolito Gonzalez	Eric Reber
DATE	11/25/2015	12/02/2015	12/02/2015	12/11/2015

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