



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

June 30, 2014

Mark Dohrenwend
Radiation Safety Officer and Engineer
Owensboro Industrial Co., LLC
2 Plum Street
Owensboro, KY 42301

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION

Dear Mr. Dohrenwend:

This letter refers to your application dated May 12, 2014, Agencywide Documents Access and Management System (ADAMS) Accession Nos. ML14147A430 and ML14147A473, for a new Nuclear Regulatory Commission (NRC) Exempt-Distribution Materials License. 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. 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 Kentucky radioactive material license.
2. 10 CFR 32.12(b)(6) requires 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 of the product. In item 6 of your application, under "Labeling & Product Brochure," you stated that spark gap will be individually packed in a cardboard box and that each box will have a label on it, which identified the radioisotope and the activity of each spark gap. The label on the cardboard box is missing the identification of the manufacturer or initial transferor. In addition, the application is missing the method of labeling or marking on the device. Please provide a method of labeling and marking on the unit (spark gaps) and a corrected method of labeling or marking for the container (cardboard box).
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 spark gap (electron tube) model.

Mr. Dohrenwend

-2-

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 consider your application as having been abandoned by you. This is without prejudice to the submission of a complete application.

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. 030-38740
Mail Control No. 583933

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 consider your application as having been abandoned by you. This is without prejudice to the submission of a complete application.

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. 030-38740
Mail Control No. 583933

DISTRIBUTION: MKotzalas TKime SSD_ELicense Resources RI/DNMS MSSA r/f

Accession No. Pkg:ML14147A411
Letter: ML14175B671

OFC	FSME/MSSA/LB	FSME/MSSA/LB	FSME/MSSA/LB	FSME/MSSA/LB
NAME	H.Rodriguez-Luccioni	S. Xu	M.Kotzalas	H.Rodriguez-Luccioni
DATE	6/25/2014	6/25/2014	6/30/2014	6/30/2014

OFFICIAL RECORD COPY