



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION III
2443 WARRENVILLE ROAD, SUITE 210
LISLE, ILLINOIS 60532-4352

October 25, 2021

John A. Zehner, R.Ph.
Radiation Safety Officer
NukeMed Inc. dba SpectronRx
9550 Zionsville Rd.
Indianapolis, IN 46268

SUBJECT: RENEWAL OF RADIOACTIVE MATERIALS LICENSE FOR NUKEMED INC. DBA SPECTRONRX, NRC LICENSE NO. 13-32726-02

Dear Mr. Zehner:

Enclosed is Amendment No. 5 renewing NukeMed Inc. dba SpectronRx's (your) U.S. Nuclear Regulatory Commission (NRC) Materials License No. 13-32726-02 in accordance with your April 15, 2021 renewal application, with the exceptions of (1) listing Beth Kraemer, R.Ph., as an authorized individual; (2) removing your March 11, 2010, letter describing bioassay and internal dose evaluation methods; and (3) removing your January 29, 2014, letter describing calibration procedures. Your renewal application is available electronically from the NRC's Agencywide Documents Access and Management System (ADAMS) at Accession No. ML21119A020. The NRC's ADAMS is accessible from the NRC Web site at <https://www.nrc.gov/reading-rm/adams.html>.

Please review the enclosed document carefully, and be sure that you understand all conditions. If there are any errors or questions, please notify the U.S. NRC Region III Office at 630-829-9892 so that we may provide appropriate corrections and answers.

Please note that, to add Beth Kraemer, R.Ph., as an authorized individual, please provide additional information. As noted in NUREG 1556, Vol. 21, rev. 1, "Consolidated Guidance About Materials Licenses Program-Specific Guidance About Possession Licenses for Production of Radioactive Material Using an Accelerator," Section 8.7.2, "Individuals Authorized to Handle Licensed Material," pp. 8-18 to 8-19, submitted supporting documentation should outline Ms. Kraemer's training and experience commensurate with the scope of proposed activities, such as handling of activated targets and activated products associated with accelerator activities. Specific dates and locations of training, including supervising individuals, should be included in the request.

Please also note that, to remove the letters dated March 11, 2010, and January 29, 2014, from your license, please provide a description of how internal doses (such as a bioassay program) would be evaluated timely, in the case of an airborne release; and calibration procedures that will be followed to assure that radioactivity measurements of products, process, and effluents, are accurate.

Finally, please note that, in accordance with the omission of copper-64 and gallium-68 from your application, those radionuclides have been removed from authorizations listed on your license.

Please note that, in accordance with Title 10 of the *Code of Federal Regulations* (10 CFR) Section 30.51, "Records," you must maintain records regarding final disposition of those radionuclides through the termination of your license.

An environmental assessment for this action is not required because this action is categorically excluded under 10 CFR 51.22(c).

You will be periodically inspected by NRC. Failure to conduct your program in accordance with NRC regulations, license conditions, and representations made in your license application and supplemental correspondence with NRC will result in enforcement action against you. This could include issuance of a notice of violation; or imposition of a civil penalty; or an Order suspending, modifying, or revoking your license as specified in the NRC Enforcement Policy. Since serious consequences to employees and the public can result from failure to comply with NRC requirements, prompt and vigorous enforcement action will be taken when dealing with licensees who do not achieve the necessary meticulous attention to detail and the high standard of compliance that NRC expects of its licensees.

The NRC's Safety Culture Policy Statement became effective in June 2011. While a policy statement and not a regulation, it sets forth the agency's expectations for individuals and organizations to establish and maintain a positive safety culture. You can access the policy statement and supporting material that may benefit your organization on NRC's safety culture Web site at <https://www.nrc.gov/about-nrc/regulatory/enforcement/safety-culture.html>. We strongly encourage you to review this material and adapt it to your particular needs in order to develop and maintain a positive safety culture as you engage in NRC-regulated activities.

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice and Procedure," a copy of this letter and its enclosure will be available electronically for public inspection in the NRC Public Document Room or from the NRC's ADAMS.

Sincerely,

Sara A. Forster, M.S.
Health Physicist
Materials Licensing Branch
Division of Nuclear Materials Safety

Docket No.: 030-38045
License No.: 13-32726-02
Control No.: 625509

Enclosure: Amendment No. 05 to NRC License No. 13-32726-02