



UNITED STATES
NUCLEAR REGULATORY COMMISSION

REGION III
2443 WARRENVILLE ROAD, SUITE 210
LISLE, ILLINOIS 60532-4352

July 15, 2021

Glenn P. Sullivan
Radiation Safety Officer
Cardinal Health
Nuclear Pharmacy Services
7000 Cardinal Place
Dublin, OH 43017

SUBJECT: AMENDMENT NO. 68 TO RADIOACTIVE MATERIALS LICENSE FOR
CARDINAL HEALTH, NRC LICENSE NO. 34-29200-01MD

Dear Mr. Sullivan:

Enclosed is Amendment No. 68 to Cardinal Health's (your) U.S. Nuclear Regulatory Commission (NRC) Materials License No. 34-29200-01MD in accordance with your April 15, 2021, and April 28, 2021 letters. As requested, we have incorporated the use of a Draximage Smartfill™ exposure reduction system, at the 1909 Beltway Dr. location of use, in Overland, Missouri. We have also authorized the use of yttrium-90 microspheres for uses specified in your request. Your requests are available electronically from the Agencywide Documents Access and Management System (ADAMS) at Accession Nos. ML21109A140 and ML21119A292.

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.

An environmental assessment for this action is not required because this action is categorically excluded under Title 10 of the *Code of Federal Regulations* (10 CFR) Section 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 enclosure to this letter contains sensitive security-related information.
When separated from this cover letter this letter is uncontrolled.

G. Sullivan

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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.

NRC's Regulatory Issue Summary (RIS) RIS 2005-31 provides criteria to identify security-related sensitive information and guidance for handling and marking of such documents. This ensures that potentially sensitive information is not made publicly available through NRC's ADAMS, the NRC's electronic document system. Pursuant to NRC's RIS 2005-31 and in accordance with 10 CFR 2.390 of the NRC's "Rules of Practice and Procedure," the enclosed license document is exempt from public disclosure because its disclosure to unauthorized individuals could present a security vulnerability. The RIS may be located on the NRC's Generic Communications Web page under "Regulatory Issue Summaries" at <https://www.nrc.gov/reading-rm/doc-collections/gen-comm/>, and the link for frequently asked questions regarding protection of security-related sensitive information may be located at <https://www.nrc.gov/reading-rm/sensitive-info/faq.html>.

A copy of this letter will be available electronically for public inspection in the NRC Public Document Room or from the NRC's ADAMS, accessible from the NRC Web site at <https://www.nrc.gov/reading-rm/adams.html>.

Sincerely,

**Sara A.
Forster**



Digitally signed by Sara A. Forster
Date: 2021.07.15 13:38:28 -05'00'

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

Docket No.: 030-36973
License No.: 34-29200-01MD

Control No.: 625413

Enclosure: Amendment No. 68 to NRC License No. 34-29200-01MD