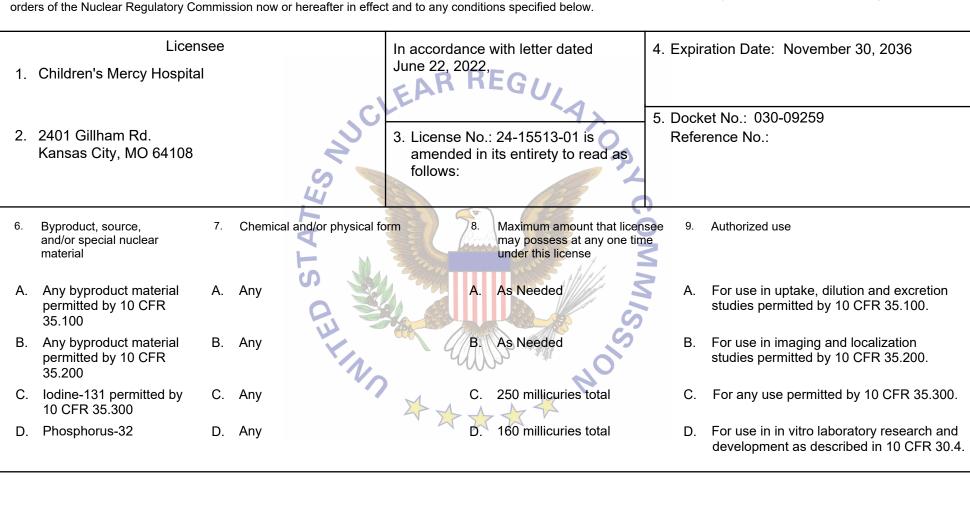
U.S. NUCLEAR REGULATORY COMMISSION

MATERIALS LICENSE

Pursuant to the Atomic Energy Act of 1954, as amended, the Energy Reorganization Act of 1974 (Public Law 93-438), and Title 10, Code of Federal Regulations, Chapter I, Parts 30, 31, 32, 33, 34, 35, 36, 37, 39, 40, 70 and 71, and in reliance on statements and representations heretofore made by the licensee, a license is hereby issued authorizing the licensee to receive, acquire, possess, and transfer byproduct, source, and special nuclear material designated below; to use such material for the purpose(s) and at the place(s) designated below; to deliver or transfer such material to persons authorized to receive it in accordance with the regulations of the applicable Part(s). This license shall be deemed to contain the conditions specified in Section 183 of the Atomic Energy Act of 1954, as amended, and is subject to all applicable rules, regulations, and orders of the Nuclear Regulatory Commission now or hereafter in effect and to any conditions specified below.



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CONDITIONS

- 10. Licensed material shall be used or stored at the licensee's facilities located at Children's Mercy Hospital, Adele Hall Campus, 2401 Gillham Rd., Kansas City, Missouri, 64108.
- 11. The Radiation Safety Officer (RSO) for this license is Nanci A. Burchell, MBA, CNMT, RS (NMTCB), R.T.(N)(ARRT), FSNMMI-TS.
- 12. Licensed material shall only be used by, or under the supervision of:

Authorized User (M.D., D.O., etc.)

A. Individuals permitted to work as authorized users in accordance with 10 CFR 35.13 and 10 CFR 35.14.

Material and Use

B. The following individuals are authorized users for the material and medical uses as indicated:

Additionized Osci (IVI.D.,D.O.,Cic.)	Material and Ose
Sherwin Shiu-Cheung Chan, M.D.	10 CFR 35.100,10 CFR 35.200; 10 CFR 35.300 (limited to the oral administration of sodium iodide I-131)
Brent E. Cully, M.D.	10 CFR 35.100,10 CFR 35.200; 10 CFR 35.300 (limited to the oral administration of sodium iodide I-131)
Amy Nicole Dahl, M.D.	10 CFR 35.100,10 CFR 35.200; 10 CFR 35.300 (limited to the oral administration of sodium iodide I-131)
Aditi Hendi, M.D.	10 CFR 35.100,10 CFR 35.200; 10 CFR 35.300 (limited to the oral administration of sodium iodide I-131)
Manish K. Kotecha, M.D.	10 CFR 35.100,10 CFR 35.200
Kay North, D.O.	10 CFR 35.100,10 CFR 35.200; 10 CFR 35.300 (limited to the oral administration of sodium iodide I-131)
Brenton D. Reading, M.D.	10 CFR 35.100,10 CFR 35.200; 10 CFR 35.300 (limited to the oral administration of sodium iodide I-131)
Doug Rivard, D.O.	10 CFR 35.100,10 CFR 35.200; 10 CFR 35.300 (limited to the oral administration of sodium iodide I-131)

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Authorized User (M.D.,D.O.,etc.)	Material and Use		
Timothy P. Zinkus, M.D.	10 CFR 35.100,10 CFR 35.200; 10 CFR 35.300 (limited to the oral administration of sodium iodide I-131)		

C. The following individuals are authorized users for nonmedical uses as indicated:

Non-Medical Use Material and Use

Daniel Heruth, Ph.D. Phosphorus-32 for in vitro research and development as permitted by 10 CFR 30.4

- 13. For licensed material other than under 10 CFR Part 35, the licensee is authorized to hold radioactive material with a physical half-life of less than or equal to 120 days for decay-in-storage before disposal in ordinary trash provided:
 - A. Before disposal as ordinary trash, the waste shall be surveyed at the container surface with the appropriate survey instrument set on its most sensitive scale and with no interposed shielding to determine that its radioactivity cannot be distinguished from background. All radiation labels shall be removed or obliterated, except for radiation labels on materials that are within containers and that will be managed as biomedical waste after they have been released from the licensee.
 - B. A record of each such disposal permitted under this license condition shall be retained for 3 years. The record must include the date of disposal, the date on which the byproduct material was placed in storage, the radionuclides disposed, the survey instrument used, the background dose rate, the dose rate measured at the surface of each waste container, and the name of the individual who performed the disposal.
- 14. For licensed material other than under 10 CFR Part 35, the licensee shall not use licensed material in field applications where activity is released except as provided otherwise by specific condition of this license.

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 15. Except as specifically provided otherwise in this license, the licensee shall conduct its program in accordance with the statements, representations, and procedures contained in the documents, including any enclosures, listed below. This license condition applies only to those statements, representations, and procedures that are required to be submitted in accordance with the regulations. The U.S. Nuclear Regulatory Commission's regulations shall govern unless the statements, representations, and procedures in the licensee's application and correspondence impose on the licensee requirements that are more restrictive than or in addition to the regulations. A. Application dated June 29, 2021 (ML21183A182) B. Letter dated November 24, 2021 (ML21330A050) C. Letter dated June 22, 2022 (ML22174A337) 				
		MSSIM		
	FOR	THE U.S. NUCLEAR REGULATORY COMMISSION		
Date: August 9, 2022		Sara A. Forster Region III		