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.

and	and orders of the Nuclear Regulatory Commission now or nereafter in effect and to any conditions specified below.									
1.	Licen DLP Marquette General H	Hospital, LLC	In accordance with letter dated November 16, 2018.	4. Expiration Date: July 31, 2024						
	C.		4	5. Docket No.: 030-18133						
2.	580 W. College Ave. Marquette, MI 49855	warduette Sul C	License number: 21-05432-04 is amended in its entirety to read as follows:	Reference No.:						
6.	Byproduct, source, and/or special nuclear material	7. Chemical and/or physical for	Maximum amount that lice had may possess at any one time under this license	see 9. Authorized use						
Α.	Any byproduct material permitted by 10 CFR 35.100	A. Any	A. As Needed	A. For use in uptake, dilution and excretion studies permitted by 10 CFR 35.100.						
В.	Any byproduct material permitted by 10 CFR 35.200	B. Any	B As Needed	B. For use in imaging and localization studies permitted by 10 CFR 35.200.						
C.	Any byproduct material permitted by 10 CFR 35.300	C. Any	C. 9 curies total	C. For any use permitted by 10 CFR 35.300.						
D.	Iridium-192 permitted by 10 CFR 35.400	 D. Sealed Sources (Best Me International, Inc., Model 		 For any manual brachytherapy procedure permitted by 10 CFR 35.400. 						
E.	Yttrium-90 permitted by 10 CFR 35.1000	E. Microspheres (Sirtex Wiln LLC, Sirtex Medical Limite ANSTO Radiopharmaceu and Industrials, Model SIR-Spheres microsphere	ed, or ticals	E. For medical use, as permitted by 10 CFR 35.1000, in a Sirtex Medical Limited brachytherapy afterloader delivery system.						

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MATERIALS LICENSE	License Number 21-05432-04	Docket or Reference Number 030-18133
SUPPLEMENTARY SHEET	Amendment No. 82	
Byproduct, source, 7. Chemical and/or special nuclear material Uranium- depleted in Uranium-235 Byproduct, source, 7. Chemical F. Metal	AR RE	laximum amount that licensee 9. Authorized use 19.
B. Licensed material may be used or	r stored at the licensee's facilities tem No. 6.B. (limited to PET mate Avenue, Marquette, Michigan or this license is John P. Cox, D.O. by, or under the supervision of:	located at 420 W. Magnetic Street, Marquette, Michigan. located at 580 W. College Avenue, Marquette, Michigan. erials) and Subitem No. 6.D., may be used or stored at the licensee's
B. The following individuals are auth	\$ \$ \$ ·	
Authorized User(M.D.,D.O.,etc.)	Material and Use	
James R. Baer, M.D.	10 CFR 35.300; 10 CFR 3	5.400
John Phillip Cox, D.O.	10 CFR 35.100,10 CFR 35 iodide I-131) 10 CFR 35.200	5.200; 10 CFR 35.300 (limited to the oral administration of sodium
Gary M. Friesen, M.D. Nelson E. Gencheff, D.O.	10 CFR 35.200	
Christopher J. Mehall, M.D.	10 CFR 35.100,10 CFR 35	5.200,10 CFR 35.300; 10 CFR 35.1000 (limited to yttrium-90 edical Limited brachytherapy afterloader delivery system)

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MATERIALS LICENSE SUPPLEMENTARY SHEET

License Number 21-05432-04

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Amendment No. 82

- L. Letter dated May 11, 2017 (ML17143A164)
- M. Letter dated June 13, 2017 (ML17164A067)
- N. Letter dated June 22, 2017 (ML17173A814)
- O. Letter dated August 8, 2017 (ML17236A256)
- P. Letter dated June 18, 2018, excluding references to PET department (ML18187A242)
- Q. Letter dated August 17, 2018, excluding references to PET department (ML18235A115).
- R. Letter dated August 28, 2018 (ML18241A261)
- S. Letter dated September 20, 2018 (ML18290A547)
- T. Letter dated October 21, 2018, excluding references to PET Department (ML18302A105):
- U. Letter dated November 16, 2018 (ML18323A475)
- V. Letter dated December 11, 2018 (ML18352B126)
- W. Letter dated December 18, 2018 (ML18352A716)

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Cassandra F. Frazier

Region 3

Date: FEB 1 4 2019