

Gianna Porro

From: Gianna Porro
Sent: Tuesday, September 22, 2026 2:35 PM
To: 'info@bionomics-inc.com'
Cc: 'jnoll@bionomics-inc.com'; 'manifests@bionomics-inc.com'
Subject: Past Sealed Source Receipt Confirmation - Michigan Internal Medicine & Cardiology Associates

Hello,

I hope this message finds you well. I am a materials license reviewer with the US Nuclear Regulatory Commission, and I am requesting assistance with processing a license termination request that I have received from Michigan Internal Medicine & Cardiology Associates. As part of the license termination process, we must confirm that sealed sources have been received by an authorized recipient. However, the Form 540s from Bionomics to the licensee does not contain the source serial numbers, thus unfortunately not meeting our verification requirements. To proceed, please confirm which sealed sources with serial numbers Bionomics received from Michigan Internal Medicine & Cardiology Associates.

Additionally, kindly send a copy of Bionomics radioactive materials license so I can confirm you are authorized to receive the materials shipped by Michigan Internal Medicine & Cardiology Associates.

If you have any questions or need additional information, please do not hesitate to reach out.

Thank you for your assistance,

Gianna Porro

Gianna Porro
U.S. Nuclear Regulatory Commission
Inspection and Licensing Branch Central
Phone: (630) 829-9838



P.O. Box 817 – Kingston, TN 37763 – (865) 220-8501

JULY 23, 2026

LORI GREEN

MICHIGAN INTERNAL MEDICINE
2191 SOUTH BLVD
AUBURN HILLS, MI 48326

Lori,

As required by 10 CFR Part 20 (Appendix G), this letter is a notification that Bionomics, Inc. has received the shipment recently picked up at your facility on **July 16, 2026**.

Attached you will find a copy of your NRC form 540 – **0726MIM-SS**. The only change from the original is in Item No. 9 “signature” which identifies that Bionomics, Inc. is acknowledging receipt of waste from your facility.

Please keep this with your original, as well as future disposal certifications.

If you have any questions, please feel free to contact me at (865) 220-8501.

Sincerely,

A handwritten signature in cursive script that reads 'Jerry Noll'.

Jerry Noll
QA Manager

Cc: File BIO-07-26

Estimated burden per response to comply with this information collection request: 45 minutes. This uniform manifest is required by NRC to meet reporting requirements of Federal and State Agencies for the safe transportation and disposal of low-level waste. Send comments regarding burden estimate for the PRA, Library, and Information Collection Review (45 A106), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by e-mail to Infocollcomments@nrc.gov, and OMB Reviewer at: OMB Office of Information and Regulatory Affairs, (2510-0184), Attn: Desk Officer for the Nuclear Regulatory Commission, 1225 17th Street NW, Washington, D.C. 20503; e-mail dora_submission@omb.eop.gov. The NRC may not conduct or sponsor, and a person is not required to respond to, a collection of information unless the document requesting or requiring the collection displays a currently valid OMB control number.

Form 540 (06-2021)

Modified Date: 07/16/2026 08:48

FORM 541		Bionomics, Inc.		1. MANIFEST TOTALS										2. MANIFEST NUMBER		
UNIFORM LOW-LEVEL RADIOACTIVE WASTE MANIFEST CONTAINER AND WASTE DESCRIPTION Additional Nuclear Regulatory Commission (NRC) Requirements for Control, Transfer and Disposal of Radioactive Waste				NUMBER OF PACKAGES/ DISPOSAL CONTAINERS	NET WASTE VOLUME		NET WASTE WEIGHT		SPECIAL NUCLEAR MATERIAL (grams)				0726NM-SS			
									U-233		U-235		Pu		TOTAL	
				1	m ³	0.0193	kg	9.53	NP	NP	NP	NP	3. PAGE 1 OF 1 PAGE(S)			
					m ³	0.6800	ton	0.01	ACTIVITY (MBq/mCi) (LLD UNITS IN uCi/cc)				4. SHIPPER NAME			
					ALL NUCLEIDES		TRITIUM		C-14		Tc-99		I-129			
				MBq	1.7114E+01		NP		NP		NP		NP			
				mCi	4.6255E-01		NP		NP		NP		NP			
				WASTE DESCRIPTION FOR EACH WASTE TYPE IN CONTAINER										5. SHIPMENT ID NUMBER		
				17. WASTE CLASSIFICATION										0726OHNMII		
				18. RADIOLOGICAL DESCRIPTION												
				19. CHEMICAL DESCRIPTION												
				20. PHYSICAL DESCRIPTION												
				21. WASTE DESCRIPTION												
				22. APPROXIMATE WASTE VOLUME(S) IN CONTAINER												
				23. SOLIDIFICATION OR STABILIZATION MEDIA												
				24. CHEMICAL FORM/ CHELATING AGENT												
				25. WEIGHT % CHELATING AGENT IF > 0.1%												
				26. INDIVIDUAL RADIONUCLIDES AND ACTIVITY AND CONTAINER TOTAL; OR CONTAINER TOTAL ACTIVITY AND RADIONUCLIDE PERCENT												
				27. RADIONUCLIDES												
				28. pCi/gm												
				29. MBq												
				30. mCi												
				31. Sub Total												
				32. 4.8569E+04												
				33. 1.7114E+01												
				34. 4.6255E-01												
				35. 1.7114E+01												
				36. 4.6255E-01												
				37. 1.7114E+01												
				38. 4.6255E-01												
				39. 1.7114E+01												
				40. 4.6255E-01												
				41. 1.7114E+01												
				42. 4.6255E-01												
				43. 1.7114E+01												
				44. 4.6255E-01												
				45. 1.7114E+01												
				46. 4.6255E-01												
				47. 1.7114E+01												
				48. 4.6255E-01												
				49. 1.7114E+01												
				50. 4.6255E-01												
				51. 1.7114E+01												
				52. 4.6255E-01												
				53. 1.7114E+01												
				54. 4.6255E-01												
				55. 1.7114E+01												
				56. 4.6255E-01												
				57. 1.7114E+01												
				58. 4.6255E-01												
				59. 1.7114E+01												
				60. 4.6255E-01												
				61. 1.7114E+01												
				62. 4.6255E-01												
				63. 1.7114E+01												
				64. 4.6255E-01												
				65. 1.7114E+01												
				66. 4.6255E-01												
				67. 1.7114E+01												
				68. 4.6255E-01												
				69. 1.7114E+01												
				70. 4.6255E-01												
				71. 1.7114E+01												
				72. 4.6255E-01												
				73. 1.7114E+01												
				74. 4.6255E-01												
				75. 1.7114E+01												
				76. 4.6255E-01												
				77. 1.7114E+01												
				78. 4.6255E-01												
				79. 1.7114E+01												
				80. 4.6255E-01												
				81. 1.7114E+01												
				82. 4.6255E-01												
				83. 1.7114E+01												
				84. 4.6255E-01												
				85. 1.7114E+01												
				86. 4.6255E-01												
				87. 1.7114E+01												
				88. 4.6255E-01												
				89. 1.7114E+01												
				90. 4.6255E-01												
				91. 1.7114E+01												
				92. 4.6255E-01												
				93. 1.7114E+01												
				94. 4.6255E-01												
				95. 1.7114E+01												
				96. 4.6255E-01												
				97. 1.7114E+01												
				98. 4.6255E-01												
				99. 1.7114E+01												
				100. 4.6255E-01												
				101. 1.7114E+01												
				102. 4.6255E-01												
				103. 1.7114E+01												
				104. 4.6255E-01												
				105. 1.7114E+01												
				106. 4.6255E-01												
				107. 1.7114E+01												
				108. 4.6255E-01												
				109. 1.7114E+01												
				110. 4.6255E-01												
				111. 1.7114E+01												
				112. 4.6255E-01												
				113. 1.7114E+01												
				114. 4.6255E-01												
				115. 1.7114E+01												
				116. 4.6255E-01												
				117. 1.7114E+01												
				118. 4.6255E-01												
				119. 1.7114E+01												
				120. 4.6255E-01												
				121. 1.7114E+01												
				122. 4.6255E-01												
				123. 1.7114E+01												
				124. 4.6255E-01												
				125. 1.7114E+01												
				126. 4.6255E-01												
				127. 1.7114E+01												
				128. 4.6255E-01												
				129. 1.7114E+01												
				130. 4.6255E-01												
				131. 1.7114E+01												
				132. 4.6255E-01												
				133. 1.7114E+01												
				134. 4.6255E-01												
				135. 1.7114E+01												
				136. 4.6255E-01												
				137. 1.7114E+01												
				138. 4.6255E-01												
				139. 1.7114E+01												
				140. 4.6255E-01												
				141. 1.7114E+01												
				142. 4.6255E-01												
				143. 1.7114E+01												
				144. 4.6255E-01												
				145. 1.7114E+01												
				146. 4.6255E-01												
				147. 1.7114E+01												
				148. 4.6255E-01												
				149. 1.7114E+01												
				150. 4.6255E-01												
				151. 1.7114E+01												
				152. 4.6255E-01												
				153. 1.7114E+01												
				154. 4.6255E-01												
				155. 1.7114E+01												
				156. 4.6255E-01												
				157. 1.7114E+01												
				158. 4.6255E-01												
				159. 1.7114E+01												
				160. 4.6255E-01												
				161. 1.7114E+01												
				162. 4.6255E-01												
				163. 1.7114E+01												
				164. 4.6255E-01												
				165. 1.7114E+01												
				166. 4.6255E-01												
				167. 1.7114E+01												
				168. 4.6255E-01												
				169. 1.7114E+01												
				170. 4.6255E-01												
				171. 1.7114E+01												
				172. 4.6255E-01												
				173. 1.7114E+01												
				174. 4.6255E-01												
				175. 1.7114E+01												
				176. 4.6255E-01												
				177. 1.7114E+01												
				178. 4.6255E-01												
				179. 1.7114E+01												
				180. 4.6255E-01												
				181. 1.7114E+01												
				182. 4.6255E-01												
				183. 1.7114E+01												
				184. 4.6255E-01												
				185. 1.7114E+01												
				186. 4.6255E-01												
				187. 1.7114E+01												
				188. 4.6255E-01												
				189. 1.7114E+01												
				190. 4.6255E-01												
				191. 1.7114E+01												
				192. 4.6255E-01												
				193. 1.7114E+01												
				194. 4.6255E-01												
				195. 1.7114E+01												
				196. 4.6255E-01												
				197. 1.7114E+01												
				198. 4.6255E-01												
				199. 1.7114E+01												
				200. 4.6255E-01												
				201. 1.7114E+01												
				202. 4.6255E-01												
				203. 1.7114E+01												
				204. 4.6255E-01												
				205. 1.7114E+01												
				206. 4.6255E-01												
				207. 1.7114E+01												
				208. 4.6255E-01												
				209. 1.7114E+01												
				210. 4.6255E-01												
				211. 1.7114E+01												
				212. 4.6255E-01												
				213. 1.7114E+01												
				214. 4.6255E-01												
				215. 1.7114E+01												
				216. 4.6255E-01												
				217. 1.7114E+01												
				218. 4.6255E-01												
				219. 1.7114E+01												
				220. 4.6255E-01												
				221. 1.7114E+01												
				222. 4.6255E-01												
				223. 1.7114E+01												
				224. 4.6255E-01												
				225. 1.7114E+01												
				226. 4.6255E-01												
				227. 1.7114E+01												
				228. 4.6255E-01												
				229. 1.7114E+01												
				230. 4.6255E-01												
				231. 1.7114E+01												
				232. 4.6255E-01												
				233. 1.7114E+01												
				234. 4.6255E-01												
				235. 1.7114E+01												
				236. 4.6255E-01												
				237. 1.7114E+01												
				238. 4.6255E-01												
				239. 1.7114E+01												
				240. 4.6255E-01												
				241. 1.7114E+01												
				242. 4.6255E-01												
				243. 1.7114E+01												
				244. 4.6255E-01												
				245. 1.7114E+01												
				246. 4.6255E-01												
				247. 1.7114E+01												
				248. 4.6255E-01												
				249. 1.7114E+01												
				250. 4.6255E-01												
				251. 1.7114E+01												
				252. 4.6255E-01												
				253. 1.7114E+01												
				254. 4.6255E-01												
				255. 1.7114E+01												
				256. 4.6255E-01												
				257. 1.7114E+01												
				258. 4.6255E-01												
				259. 1.7114E+01												
				260. 4.6255E-01												
				261. 1.7114E+01												
				262. 4.6255E-01												
				263. 1.7114E+01												
				264. 4.6255E-01												
				265. 1.7114E+01												
				266. 4.6255E-01												
				267. 1.7114E+01												
				268. 4.6255E-01												
				269. 1.7114E+01												
				270. 4.6255E-01												
				271. 1.7114E+01												
				272. 4.6255E-01												
				273. 1.7114E+01												
				274. 4.6255E-01												
				275. 1.7114E+01												
				276. 4.6255E-01												
				277. 1.7114E+01												
				278. 4.6255E-01												
				279. 1.7114E+01												
				280. 4.6255E-01												
				281. 1.7114E+01												
				282. 4.6255E-01												
				283. 1.7114E+01												
				284. 4.6255E-01												
				285. 1.7114E+01												
				286. 4.6255E-01												
				287. 1.7114E+01												
				288. 4.6255E-01												

Site Name	Department	Address	City	State	ZIP	Contact LName	Contact FName	Phone	Cell	Email
Michigan internal medicine		2191 South Blvd	Auburn Hills	MI	48326	Green	Lori	248-563-5364		lorigreen37@yahoo.com
Serial No.	Isotope	Activity in uCi	Date Of Manufacture	Decayed Activity in uCi	Manufacturer ID	Device Description or Other Comments	Is Source Leaking? Yes/No	APPROXIMATE Dimensions of Source in Inches	For Bionomics' Use Only:	
1047-44-8	Cs-137	1.95E+02	5/1/2004	118.294	RV-137-200U	VIAL	N			
1047-41-7	Ba-133	2.43E+02	5/1/2004	58.19	RV-133-250U	VIAL	N			
1034-15-23	Cs-137	5.00E-01	4/1/2004	0.302	IPL	ROD	N			
1059-063	Co-57	7.50E+03	6/1/2004	0	IPL	FLOOD	N			
BM02101117510	Co-57	1.00E+04	5/10/2011	0	BENCHMARK	FLOOD	N			
211004	Cs-137	2.66E+02	2/4/1986	105.697	SYNCOR	VIAL	N			
	Cs-137	1.06E-01	1/9/1991	0.047	DUPONT	ROD	N			
787-84-5	Cs-137	2.10E+02	5/1/2002	121.64	IPL	VIAL	N			
787-65-5	Ba-133	2.77E+02	5/1/2002	58.089	IPL	VIAL	N			
851-33	Cs-137	5.00E-01	4/1/2002	0.289	IPL	ROD	N			
1059-088	Co-57	7.50E+00	5/1/2004	0	NES-8495	FLOOD	N			

I hereby certify that the above inventory used to create the manifest for this shipment is complete and correct to the best of my knowledge. I understand that it is my responsibility as the generator of radioactive waste to attest to the veracity of my onsite inventory.

Please sign here (REQUIRED):





TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION
Davy Crockett Tower 500 James Robertson Parkway, 9th Floor Nashville, Tennessee 37243

RADIOACTIVE MATERIAL LICENSE

Amendment 58

Pursuant to Tennessee Department of Environment and Conservation Regulations, 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 radioactive material listed below; and to use such radioactive material for the purpose(s) and at the place(s) designated below. This license is subject to all applicable rules and regulations of the Tennessee Department of Environment and Conservation and orders of the Division of Radiological Health, now or hereafter in effect and to any conditions specified below.

LICENSEE 1. Name Bionomics, Inc.		3. License Number R-73021-E25	
2. Address P.O. Box 817 Kingston, Tennessee 37763		4. Expiration Date May 31, 2025	
		5. File No. R-73021	
6. Radioactive Material (Element and Mass Number)	8. Chemical and/or physical form	9. Maximum Radioactivity and/or quantity of material which licensee may possess at any one time.	
S E E S U P P L E M E N T A R Y S H E E T S			
10. Authorized Use S E E S U P P L E M E N T A R Y S H E E T S			

CONDITIONS

11. Unless otherwise specified, the authorized place of use is the licensee's address stated in Item 2 above.

For the Commissioner
 Tennessee Department of Environment and Conservation

Date of Issuance: October 20, 2025

By: _____

Division of Radiological Health

Ronald Parsons, Radioactive Material Licensing Manager



**TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF RADIOLOGICAL HEALTH
Davy Crockett Tower 500 James Robertson Parkway, 9th Floor Nashville, Tennessee 37243**

RADIOACTIVE MATERIAL LICENSE

Amendment 58

License No. R-73021-E25

S U P P L E M E N T A R Y S H E E T

6. Radioactive Material (Element and <u>Mass Number</u>)	8. Chemical and/or <u>Physical Form</u>	9. Maximum Radioactivity and/or Quantity of Material Which Licensee May <u>Possess at Any One Time</u>
A. Mixed activation and fission products with atomic numbers 3-83 inclusive (except C-14 and Ni-63)	A. Any form except liquids suitable for transport under US DOT Regulations (includes sealed sources)	A. 1 curie for all except sealed sources; 39 curies for sealed sources
B. Source Material (natural or depleted uranium, or thorium)	B. Same as 8A.	B. 3 curies for all except sealed sources; 9 curies for sealed sources
C. Uranium 233	C. Same as 8A.	C. 50 grams *
D. Uranium enriched in the U-235 isotope	D. Same as 8A.	D. 100 grams of contained U-235 *
E. Plutonium	E. Same as 8A.	E. 50 grams *
F. Am-241, Am-242, Cm- 242, Cm-243, Cm-244, Np-237, Cf-252	F. Same as 8A.	F. Same as 9B.
G. Radioactive materials with atomic numbers 84-92 inclusive (excluding special nuclear material)	G. Same as 8A.	G. Same as 9B.
H. Hydrogen 3	H. Same as 8A.	H. 6,900 curies
I. Carbon 14	I. Same as 8A.	I. 10 curies
J. Radium 226	J. Same as 8A.	J. 1 curie for all except sealed sources; 5 curies for sealed sources
K. Nickel 63	K. Same as 8A.	K. 50 curies



**TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF RADIOLOGICAL HEALTH
Davy Crockett Tower 500 James Robertson Parkway, 9th Floor Nashville, Tennessee 37243**

RADIOACTIVE MATERIAL LICENSE

Amendment 58

License No. R-73021-E25

S U P P L E M E N T A R Y S H E E T

L. Any radioactive material including special nuclear material	L. Any form suitable for transport under US DOT Regulations	L. As necessary for the uses authorized in Item 10L, except not to exceed 200 grams of Uranium 233, 200 grams for Plutonium, and 350 grams of Uranium 235*
M. Strontium 90	M. Strontium Chloride	M. 240 Curies
N. Cesium 137	N. Sealed Source (Sources as approved in the U.S. NRC Sealed Source Device Registry)	N. 110 Curies
O. Depleted Uranium	O. Metal	O. 3,900 pounds

* For each kind of special nuclear material determine the ratio between the quantity of that special nuclear material and the quantity specified here for the same kind of special nuclear material. The sums of such ratios for all kinds of special nuclear material in combination shall not exceed "1" (i.e. unity).

10. Authorized Use

A. through M.

1. Receipt, possession, and storage of prepackaged Category One Material (typically low-level radioactive material and waste from universities, research facilities, commercial firms, governments, state radiation protection programs, etc.) prior to transfer of the prepackaged material to persons licensed to receive or dispose of the material.
2. Receipt, possession, and storage of prepackaged Category Two Material (sealed sources including within devices and associated dry active waste) for the purpose of packaging, repackaging, and consolidation including removal of sealed sources from devices prior to transfer to persons licensed to receive or dispose of the material.
3. Receipt, possession, storage, and disassembly of containment devices, for the purpose of packaging, repackaging, and consolidation of Category Three Material (Depleted Uranium (DU) shielding and associated assemblies if activated and associated dry active waste) prior to transfer to persons licensed to receive or dispose of the material. Category Three Material may be used for shielding of sealed sources



**TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF RADIOLOGICAL HEALTH
Davy Crockett Tower 500 James Robertson Parkway, 9th Floor Nashville, Tennessee 37243**

RADIOACTIVE MATERIAL LICENSE

Amendment 58

License No. R-73021-E25

S U P P L E M E N T A R Y S H E E T

destined for disposal. Category Three Material shall not be physically altered or handled in any way that creates removable contamination.

- L. 1. Collection, handling, and packaging of radioactive material and waste materials at customer facilities (temporary job sites).
- 2. Preparation for transportation and transfer of radioactive material and waste materials from customer facilities to facilities licensed by the Department, the U.S. Nuclear Regulatory Commission, or another Agreement State to receive these materials. (All radioactive materials offered for transport shall meet the U.S. Department of Transportation Regulations for interstate commerce. This license does not exercise jurisdiction over these materials while in transport.
- 3. The collection and transfer of samples for analysis to facilities licensed by the Department, the U.S. Nuclear Regulatory Commission, or another Agreement State to perform this activity.
- 4. This license does not authorize decontamination or decommissioning of customer facilities with the exception that any radioactive material contamination generated as a result of actions of the licensee at the customer site may be decontaminated by the licensee.
- N. Receipt, possession, storage, and removal of the sealed source housing of the FEMA CDV-794 self-shielded irradiators for the purpose of packaging or repackaging to persons licensed to receive or dispose of the material. Possession and procedures shall be in accordance with statements, representations, and procedures contained in letters dated March 2, 2021, August 30, 2022, with attachments, December 7, 2022, and emails dated May 10, 2021, with attachments, July 6, 2021, and July 28, 2022, with attachments.
- O. For shielding of material in accordance with letter dated September 3, 2024.

Conditions (continued)

- 12. The licensee shall comply with applicable provisions of 0400-20-04, 0400-20-05, 0400-20-10, and 0400-20-13 of "State Regulations for Protection Against Radiation."
- 13. Licensed operations in Item 10.A. - K., and N. may be performed at the licensee's facility at 1550 Bear Creek Road in Oak Ridge, TN in accordance with statements, representations, and procedures contained in documents referenced in Conditions of this license. This license does not authorize processing of radioactive material.



**TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF RADIOLOGICAL HEALTH
Davy Crockett Tower 500 James Robertson Parkway, 9th Floor Nashville, Tennessee 37243**

RADIOACTIVE MATERIAL LICENSE

Amendment 58

License No. R-73021-E25

S U P P L E M E N T A R Y S H E E T

14. Licensed operations authorized in Item 10.L. and N. may be conducted at temporary job sites of the licensee, in areas not under exclusive Federal jurisdiction, throughout the State of Tennessee. This license does not authorize processing of radioactive material.

Before radioactive materials can be used at a temporary job site at any Federal facility, the jurisdictional status of the job site must be determined. If the jurisdictional status is unknown, the Federal agency should be contacted to determine if the job site is under exclusive Federal jurisdiction. A response should be obtained in writing or a record should be made of the name and title of the person at the Federal agency who provided the determination and the date that it was provided. Authorization for use of radioactive materials at job sites under exclusive Federal jurisdiction shall be obtained either by: (1) filing a NRC Form-241 in accordance with 10 CFR 150.20(b), "Recognition of Agreement State Licenses," or (2) by applying for a specific NRC license.

Before radioactive materials can be used at a temporary job site in another State, authorization shall be obtained from the State if it is an Agreement State, or from the NRC for any non-Agreement State, either by filing for reciprocity or applying for a specific license.

15. A. Radioactive material authorized by this license shall be used by, or under the supervision of, John McCormick, Chris Hladis, Jerry Noll, or Tim Easterson.
- B. The Radiation Safety Officer for this license is John McCormick.
16. A. No radioactive materials (excluding calibration and standardization sources) or radioactive waste may be possessed under this license, from the time of receipt until its transfer from the facility, for a period of time greater than three hundred sixty-five (365) days, except for Category One Material which shall be six (6) months.
- B. Containers of radioactive materials will not be stacked so as to exceed heights in excess of 10 feet nominal.
17. The licensee shall maintain complete and accurate records of the receipt and disposal of radioactive material. The licensee shall, for radioactive material no longer useful for any purpose and for any equipment or supplies contaminated with such material for which further use and decontamination are not planned, define those materials as radioactive waste and treat them as such in accordance with the following provisions:
- A. Radioactive waste material shall not be stored with non-radioactive waste.
- B. A written record of all radioactive waste material shall be maintained until it has been determined by a suitable survey or radioassay that it has decayed to background levels or until it has been shipped to an authorized recipient in accordance with applicable



**TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF RADIOLOGICAL HEALTH
Davy Crockett Tower 500 James Robertson Parkway, 9th Floor Nashville, Tennessee 37243**

RADIOACTIVE MATERIAL LICENSE

Amendment 58

License No. R-73021-E25

S U P P L E M E N T A R Y S H E E T

regulations. Accountability of radioactive waste material prepared for shipment but not yet shipped from the licensee's premises shall be maintained by the licensee by an internal record system such that the licensee is constantly aware of the material's location and the proposed time of shipment. Individuals who are involved in the shipping of such material and/or the storage of such material prior to shipment, shall be trained in the precautions necessary for such handling and storage.

- C. For material which has decayed to background levels as determined by radioassay or external level as measured with appropriately calibrated instruments, records shall indicate that the material was determined to be no longer radioactive and will indicate the methods and results of the survey or analysis.
- D. Shipment records of radioactive waste material shall be maintained and the licensee shall require written confirmation from the authorized recipient of such material that this material has been received.
- E. Transfer of radioactive waste to a land disposal facility or a licensed waste handler shall be done in accordance with 0400-20-05-.125 of "State Regulations for Protection Against Radiation."
- F. All records and written confirmations required by this condition shall be maintained for inspection by the Department.

The requirements of this condition are in addition to any other requirements for the handling and/or disposal of radioactive material contained in this license and "State Regulations for Protection Against Radiation."

- 18. The licensee shall not accept either radioactive waste and/or items contaminated or potentially contaminated with licensable quantities of radioactive material or radioactive materials or items from licensable activities for repackaging, storage pending disposal or disposal unless the shipper of such waste possesses a valid license for delivery issued pursuant to 0400-20-10-.32 of "State Regulations for Protection Against Radiation."
- 19. Written assurances must be furnished by the facility shipping the radioactive material indicating that the facility may accept return of the material. In addition, for states outside the Southeast Compact the state or appropriate Compact must be a signatory to the Interregional Access Agreement for Waste Management or assurances shall be obtained from the appropriate state governor's office, the state radiation control program, and the appropriate Compact official, if any.



**TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF RADIOLOGICAL HEALTH
Davy Crockett Tower 500 James Robertson Parkway, 9th Floor Nashville, Tennessee 37243**

RADIOACTIVE MATERIAL LICENSE

Amendment 58

License No. R-73021-E25

S U P P L E M E N T A R Y S H E E T

20. The licensee shall establish in every contractual obligation relating to radioactive materials the ability to return radioactive materials to the prior licensed or exempt possessor.
21. The licensee shall not open sealed sources containing radioactive material.
22. The licensee shall conduct a physical inventory every six (6) months to account for all sealed sources and/or devices received and possessed under this license. Records of inventories shall be maintained for inspection by the Department.
23. The licensee is authorized to receive, possess, and use any radioactive material distributed under a general license, issued by the U.S. Nuclear Regulatory Commission, or another Agreement State, without being specifically referenced in Items 6, 8, 9 and 10 of this license. Notwithstanding any other conditions of this license, the general licensee may possess and use radioactive material received under the provisions of 0400-20-10 of "State Regulations for Protection Against Radiation" in accordance with the requirements provided at the time of the transfer of the radioactive material under the terms of the general license.
24. In addition to other requirements of this license or of Chapter 0400-20-05-.60 of "State Regulations for Protection Against Radiation," the licensee shall conduct operations so that radiation levels in unrestricted areas would not cause an individual, assuming an occupancy of one (1), to receive a total effective dose equivalent in excess of 500 millirems in one calendar year. These radiation levels shall be appropriately monitored by the licensee, and records of such monitoring shall be maintained for inspection by the Department. For calculational purposes of this condition, the licensee shall base its anticipated exposure to a member of the public upon the sum of the maximally exposed TLD and the highest air concentration derived using the latest available pertinent data.
25. The combined authorization for storage granted by this license shall not exceed a total of 1114 square feet. The licensee is required to provide \$46,788.00 (U.S. Dollars) in financial assurance monies in accordance with "State Regulations for Protection Against Radiation."
26. Notwithstanding Item 8A, the licensee is authorized for storage of pre-packaged liquid wastes in accordance with statements, representations, and procedures in contained in letters dated May 23, 2019, with attachments, and June 4, 2019, with attachments.
27. Notwithstanding the requirements of Condition 16 of this license, the licensee is authorized to store radioactive material referenced in letter dated August 25, 2025, until November 30, 2025. A record of this disposal shall be maintained, and a copy submitted to the Department when completed.



**TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF RADIOLOGICAL HEALTH
Davy Crockett Tower 500 James Robertson Parkway, 9th Floor Nashville, Tennessee 37243**

RADIOACTIVE MATERIAL LICENSE

Amendment 58

License No. R-73021-E25

S U P P L E M E N T A R Y S H E E T

28. The licensee is required to maintain financial assurance monies specified by the Decommissioning Cost Estimate with letter dated August 18, 2025, with attachments, Decommissioning Disposal Agreement January 29, 2024, with attachments, July 28, 2025, with attached worksheet, and Irrevocable Standby Letter of Credit Amendment dated September 24, 2025, and in accordance with "State Regulations for Protection Against Radiation."
29. No provision of this license relieves the licensee from compliance with other Federal, State, and local laws, ordinances, and regulations applicable to the licensee's activities.
30. Except as specifically provided otherwise by this license, the licensee shall possess and use radioactive material described in Items 6, 8, and 9 of this license in accordance with statements, representations, and procedures contained in the following:
 - Application dated April 24, 2015, with attachments
 - Emails dated January 4, 2021, with attached return agreement, May 10, 2021, with attachments, July 6, 2021, October 27, 2021, July 28, 2022, with attachments, September 3, 2024, with attached letter dated September 3, 2024, September 20, 2024, September 10, 2025, with attachments
 - Decommissioning Cost Estimate with letter dated August 18, 2025, with attachments, Decommissioning Disposal Agreement January 29, 2024, with attachments, July 28, 2025, with attached worksheet, and Irrevocable Standby Letter of Credit Amendment dated September 24, 2025
 - Letters dated February 19, 2015, April 24, 2015, May 1, 2015, January 4, 2016, August 5, 2016, October 24, 2016, August 11, 2017, October 23, 2017, with attachment, November 1, 2018, May 23, 2019, with attachments, June 4, 2019, with attachments, December 14, 2020, March 2, 2021, March 3, 2021, letter from the CRCPD dated March 15, 2021, letter from the OSRP dated March 16, 2021, March 2, 2021, October 26, 2021, March 29, 2022, August 30, 2022, with attachments, December 6, 2022, December 7, 2022, October 6, 2023, December 6, 2022, with attachments (received December 15, 2023), July 9, 2024, April 28, 2025, and August 25, 2025.

Martha Pavon

From: Gianna Porro
Sent: Friday, September 25, 2026 8:28 AM
To: Martha Pavon
Cc: Tammy Tomczak; Sandy Pavon
Subject: Michigan Internal Medicine & Cardiology Associates, NRC Lic.21-32376-01, Docket No. 030-35953, CN 660268
Attachments: 660268 NRC 665 RAI + Response.pdf; 660268 RAI + Response.pdf

Hi Martha,

I hope this email finds you well. Attached is a RAI + response to RAI and corresponding 665 Michigan Internal Medicine & Cardiology Associates, NRC Lic.21-32376-01, Docket No. 030-35953, CN 660268. Can you please process for ADAMS?

Best,

Gianna

Gianna Porro
U.S. Nuclear Regulatory Commission
Inspection and Licensing Branch Central
Phone: (630) 829-9838