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August 18, 2025

Nuclear Materials Licensing Section
U. S. Nuclear Regulatory Commission Region II
Marquis One Tower
245 Peachtree Center Avenue N.E., Suite 1200
Atlanta, GA 30303

Subject: Changes to RAM # 47-25375-01MD

To Whom It May Concern:

Please amend Radioactive Materials License #47-25375-01MD as follows:

1. Please add a line item to our allowed products as follows:

Byproduct, Source, and/or special nuclear material	Chemical and/or physical form	Maximum amount that licensee may possess at any one time under this license	Authorized use
Iodine-125	Bound and nonvolatile	3 Curies total	For preparation and distribution of radioactive drugs and radiochemicals, for medical use in accordance with 10 CFR 32.72 and for non-medical use to authorized recipients.

Attached is also a COMPLY report assessment of release activities based on what is authorized on the license with the physical form fractions from 40 CFR 61 Appendix D applied. This shows with the planned addition of I-125 at the requested activity would be in compliance. Public effective dose would be 0.3 mrem/yr.

Please contact me at 517-455-9577 if you have any questions, require hard copies to be sent with original signatures, or need any other further documentation. Your attention to this matter is greatly appreciated.

Sincerely,

Aaron Barnes, Pharm.D
Associate Corporate Radiation Safety Officer - PharmaLogic
517-455-9577
abarnes@radiopharmacy.com



COMPLY: V1.7.

8/13/2025 3:40

40 CFR Part 61
National Emission Standards
for Hazardous Air Pollutants

REPORT ON COMPLIANCE WITH
THE CLEAN AIR ACT LIMITS FOR RADIONUCLIDE EMISSIONS
FROM THE COMPLY CODE - V1.7.

Prepared by: Andrew Halloran

Prepared for: PharmaLogic Bridgeport, WV

U.S. Environmental Protection Agency
Office of Radiation and Indoor Air
Washington, DC 20460



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Bridgeport I-125 Addition

SCREENING LEVEL 4

DATA ENTERED:

Nuclide		Release Rate (curies/YEAR)

F-18	D	1.000E-03
GA-67	W	5.000E-04
GA-68	D	4.000E-04
SR-89	Y	8.000E-05
Y-90	Y	1.000E-03
TC-99M	D	2.000E-01
IN-111	W	3.000E-04
I-123	D	5.000E-04
I-125	D	3.000E-03
I-131	D	5.000E-03
XE-133		1.000E+00
SM-153	W	1.500E-03
TL-201	D	1.000E-03

Release height 8 meters.

Building height 5 meters.

The source and receptor are not on the same building.

Distance from the source to the receptor is 280 meters.

Building width 21 meters.

Default mean wind speed used (2.0 m/sec).

Distance from the SOURCE to the FARM producing
VEGETABLES is 280 meters.

Distance from the SOURCE to the FARM producing
MILK is 280 meters.

Distance from the SOURCE to the FARM producing
MEAT is 280 meters.

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NOTES:

Input parameters outside the "normal" range:

None.

RESULTS:

Effective dose equivalent: 0.3 mrem/yr.

Effective dose equivalent: 0.3 mrem/yr due to Iodine.

*** Comply at level 4.

This facility is in COMPLIANCE.

It may or may not be EXEMPT from reporting to the EPA.

You may contact your regional EPA office for more information.

***** END OF COMPLIANCE REPORT *****

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