



NIOWAVE, INC.

1012 North Walnut Street
Lansing, MI 48906
Phone: (517) 999-3475

November 18, 2022

NRC Region III Office
2443 Warrenville Road, Suite 210
Lisle, IL 60532-4352

Attn: Mr. Frank Tran, Ms. Cassandra Frazier, Mr. Robert Orlikowski

Subject: Amendment to add Po-209 21-35144-04

Dear Colleagues,

In support of our efforts to manufacture FDA-approved radioisotopes at our Airport Facility we request approval to add Po-209 to our list of approved radioactive materials. This material will be used as a tracer to monitor how polonium is transmitted through various steps in our radiochemistry purification processes.

We request to add the following row to Table 6.1.

Letter ID	Isotope	Form	Activity	Use
BG	Po-209	Any	1 mCi per source and 5 mCi total	In NIST traceable calibration sources for use in calibration and checking of the licensee's radiochemical procedures and instruments.

Thank you for your guidance and oversight throughout the licensing process.

Sincerely,

Dr. Terry Grimm
Chief Executive Officer and Senior Scientist

RECEIVED NOV 21 2022