



NIOWAVE, INC.

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December 3, 2021

Document Control Desk
Office of Nuclear Material Safety and Safeguards
U.S. Nuclear Regulatory Commission
Washington, DC 20555-0001

Attn: Ms. Jennifer Tobin, Ms. Lihn Tran, Mr. Jacob Zimmerman
Subject: Regulatory Engagement Plan for Niowave's Commercial-Scale Mo-99 Manufacturing Facility

Dear Colleagues,

We are providing the attached Regulatory Engagement Plan (REP) concerning Niowave's Commercial-Scale Mo-99 Manufacturing Facility. Please note we also attach an affidavit declaring the REP contains business-sensitive and proprietary information.

We appreciate everyone's participation in the November 9th meeting and for your guidance toward preparing this REP.

The attached REP is a direct result of the Public Meeting we had with you on November 9th. The first section is an executive summary with some background related to our current licenses and our approach toward licensing the commercial-scale Mo-99 manufacturing facility. The following section provides a more complete introduction and background of the company than what we had time to present during our Public Meeting. Section 2 presents details of our current (Phase 2) pilot-scale Mo-99 program and many of the parameters we are finalizing for the Phase 3, commercial-scale, system. The last two sections cover our engagement timeline, and also the key topics that will help determine the licensing path for our commercial-scale Mo-99 manufacturing facility. We are proposing several Public Meetings to discuss these topics that will allow us to determine the level of detail needed in the license application to ensure that we submit a quality application that could readily be reviewed.

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

I declare under penalty of perjury that the attached Regulatory Engagement Plan and the foregoing are true and correct.

Sincerely,

Dr. Terry Grimm
Chief Executive Officer and Senior Scientist

12/3/21

Date

MARISSA L. FERNANDEZ
NOTARY PUBLIC, STATE OF MI
COUNTY OF INGHAM
MY COMMISSION EXPIRES Apr 8, 2025
ACTING IN COUNTY OF *Ingham*
12/3/2021

