



REPLAY POWER, INC  
7301 Seneca Falls Loop  
Austin, Texas 78739  
[www.replaypower.com](http://www.replaypower.com)

April 25, 2025

U.S. Nuclear Regulatory Commission

ATTN: Document Control Desk

Washington, DC 20555-0001

Subject: Submission of Revised Regulatory Engagement Plan (REP)

NRC Project/Docket Number: 99902132

REPLAY Power submitted a letter of intent in July 2024 to engage in pre-application activities to the U.S. NRC. The initial regulatory engagement plan was submitted in September of 2024 (ML24270A051). REPLAY Power hereby submits **Revision 1** of the REPLAY Power Regulatory Engagement Plan. The enclosed regulatory engagement plan includes information on the principal design of the REPLAY Submerged Power System (SPS) as well as the regulatory strategy currently considered for successful deployment. The plan includes key design and licensing topics which REPLAY has identified as requiring effective pre-application interaction with the U.S. NRC to mitigate licensing risks. While the initial REP proposed a 3-phase approach, the revised plan outlines quarterly submissions for the next several years, with details as to the content of each planned submission

The REPLAY Power Regulatory Engagement Plan, Revision 1, contains information that is proprietary and confidential to REPLAY Power. As such we request that this submittal be withheld from public disclosure in accordance with the provisions of 10 CFR 2.390, as directed by the enclosed Affidavit.

Sincerely,

A handwritten signature in cursive script that reads "Donald J. Statile".

Don Statile

Director of Licensing, Safety, and Quality Assurance

REPLAY Power, Inc.

cc: Alina Schiller (NRC)  
Ricky Vivanco (NRC)  
Mahmoud (MJ) Jardaneh (NRC)

Enclosures:

1. REPLOY Power Regulatory Engagement Plan, Revision 1
2. 10 CFR 2.390 Affidavit of Mark Rosen