



SOFIE
From start to clinic

U.S. NRC Region I
Materials Licensing Branch
2100 Renaissance Blvd Suite 100
King of Prussia, PA 19406

July 8, 2019

RE: **Reply to a Notice of Violation (Letter Dated June 7, 2019)**
Sofie Co, Dulles, Virginia – U.S. NRC RAM license Number 45-25221-01MD

Licensee name and address:
SOFIE Co. d/b/a Sofie
21000 Atlantic Blvd, Suite 730
Dulles, VA 20166

To Mr. Aaron T. McCraw

SOFIE CO currently licensed under NRC License Number 45-25221-01MD respectfully requests the following in reply to the notice of violation:

Target rebuild(s) are performed temporarily within a properly shielded L-block and not used for storage. After rebuild, targets are immediately returned to a lead bunker in the cyclotron vault for storage. On the evening of April 16, 2019 the facility RSO/cyclotron engineer was training site personnel on the basics of production in addition to normal duties. As a result, the target rebuild occurred later than routine and the cyclotron had already been started; therefore, the target could not be returned to the vault and remained within the L-block shield resulting in a high radiation area. This was a one-time change in work process as a result of training.

Sofie commits to surveys after target rebuild to ensure compliance with 10 CFR 20.1501(a). During target rebuild(s), the door to the cyclotron hallway will be temporarily labeled per 10 CFR 20.1902(b) as a high radiation area. Radiation level surveys (performed after the target is stored in the lead bunker located within the cyclotron vault) will facilitate compliance per 10 CFR 20.1902. Sofie commits to full compliance by 15-Jul-2019.

We appreciate your assistance with this transaction. If you have any questions about this request, please contact Michael Levy, Director of Radiation Compliance and Environmental Health & Safety at 412-716-6900. Thank you for your assistance in this process.

Attachments:
None

Sincerely,

Michael Levy
Director, Radiation Compliance & Environmental Health and Safety
SOFIE CO
412-716-6900
Michael.levy@sofie.com