Hospital Pavia Arecibo
Nuclear Medicine Division
P.O. Box 659
Road 129
Arecibo, PR 00613

March 15, 2022

Licensing Assistance Team
Division of Nuclear Materials Safety
U.S. Nuclear Regulatory Commission, Region I
2100 Renaissance Blvd, Suite 100
King of Prussia, PA 19406-2713

License # 52-25589-01
Docket # 030-35990
Control #

Dear Mr. Sir or Madam:

Please find enclosed a renewal application.

If you need any further information, please contact David Rhoe at (787) 245-7248 or email at crmidmr@aol.com.

Sincerely,

Lcdo. Luis A. Berdiel Torres, MHSA-MBA
Executive Director

Item 1 Address

a) Hospital Pavia Arecibo
Nuclear Medicine Division
P.O. Box 659
Road 129
Arecibo, PR 00613
(787) 650-7273
Fax (787) 650-7300

a) Main Office address
Hospital Pavia Arecibo
Nuclear Medicine Division
Road 129
Arecibo, PR 00613
(787) 650-7273
Fax (787) 650-7300

b) Physical location (storage/location of the radiation sources & records)
(Nuclear Medicine)
Hospital Pavia Arecibo
Nuclear Medicine Division
Road 129
Arecibo, PR 00613

	This license will not be under an ownership of a corporation or legal entity.
X	This license will be under an ownership of a corporation or legal entity. Corporation or legal entity name: Dr. Susoni Health Community Service Corp. (See Attached)

The following is based on Medical Use Licenses, NUREG 1556 Vol. 9, Rev 3, September 2019, Appendix C

Item 5 and 6: Materials to be Possessed and Proposed Uses

YES	Radionuclide	Form or Manufacturer	Maximum Quantity	Purpose of Use
X	Any byproduct material permitted by 10 CFR 35.100	Any	As needed	Any uptake, dilution, and excretion study permitted by 10 CFR 35.100
X	Any byproduct material permitted by 10 CFR 35.200	Any	As needed	Any imaging and localization study permitted by 10 CFR 35.200

This is to confirm 10 CFR 35.300 isotopes (the use of I-131) will **NOT** be performed at this facility.
This is to confirm PET isotopes (the use of F-18) will **NOT** be performed at this facility.

Item No. and Title	Response
7. Radiation Safety Officer. Name: David Rhoe Tel: 787-245-7248	✓ Previously on license number: NRC 52-25589-01. or ❑ Copy of the certification(s) for the board(s) recognized by the NRC and as applicable to the types of use for which he or she has RSO responsibilities. or ❑ Description of the training and experience specified in 10 CFR 35.900(b). or ❑ Description of the training and experience specified in 10 CFR 35.50(b) demonstrating that the proposed RSO is qualified by training and experience as applicable to the types of use for which he or she has RSO responsibilities. and ❑ Written certification, signed by a preceptor RSO, that the above training and experience has been satisfactorily completed and that a level of radiation safety knowledge sufficient to function independently as an RSO for a medical use license has been achieved. and ❑ If applicable, description of recent related continuing education and experience as required by 10 CFR 35.59 and ✓ RSO Signature: _____ Date: _____
7. Authorized Users Names and Requested Uses for Each Individual.	x Previously on license number: NRC 52-25589-01. or ❑ Copy of the certification(s) for the board(s) recognized by the NRC under 10 CFR Part 35, Subparts D, E, F, G, H, and as

Name: Carlos Montalván-Miró, MD	applicable to the use requested. or ❑ Description of the training and experience specified in 10 CFR 35.900(b). or ❑ Description of the training and experience specified in 10 CFR Part 35 Subpart J demonstrating that the proposed AU is qualified by training and experience for the use requested. or ❑ A description of the training and experience identified in 10 CFR Part 35 Subparts D, E, F, G, and H demonstrating that the proposed AU is qualified by training and experience for the use requested; and ❑ Written certification, signed by a preceptor physician AU, that the above training and experience has been satisfactorily completed and that a level of competency to function independently as an AU for a medical uses authorized has been achieved. and ❑ If applicable, description of recent related continuing education and experience as required by 10 CFR 35.59
9. Facility Diagram. Access controlled (locked) doors are indicated on the facility diagram.	X A diagram is enclosed that describes the facilities and identifies activities conducted in all contiguous areas surrounding the area(s) of use. The following information is included: X Drawing should be to scale, and indicate the scale used. X Location, room numbers, and principal use of each room or area where byproduct material is prepared, used or stored, as provided above the heading "Discussion"; X Location, room numbers, and principal use of each adjacent room (e.g., office, file, toilet, closet, hallway), including areas above, beside, and below therapy treatment rooms; indicate whether the room is restricted or unrestricted area as defined in 10 CFR 20.1003; and X Provide shielding calculations and include information about the type, thickness, and density of any necessary shielding to enable independent verification of the shielding calculations including a description of any portable shields used (e.g., shielding of proposed patient rooms used for implant therapy including the dimensions of any portable shield, if one is used; source storage safe, etc.) In addition to the above, for teletherapy and GSR facilities, applicants should provide the directions of primary beam usage for teletherapy units and, in the case of an isocentric unit, the plane of beam rotation.
9. Radiation Monitoring Instrument. Dose rate meter:	X A person qualified to perform survey meter calibrations will calibrate radiation monitoring instruments. and/or ❑ We have developed and will implement and maintain written

Ludlum model 14C Geiger Mueller Range 1-1000 mR/hr End window or pan probe Scaler wipe test counter: Radiation Alert – Ranger	survey meter calibration procedures in accordance with the requirements in 10 CFR 20.1501 and that meet the requirements of 10 CFR 35.61. and ❑ A description of the instrument (e.g., gamma counter, solid state detector, portable or stationary count rate meter, portable or stationary dose rate or exposure rate meter, single or multi-channel analyzer, LSC, proportional counter) that will be used to perform required surveys is indicated in the left column. and X We reserve the right to upgrade our survey instrument as necessary as long as they are adequate to measure the type and level of radiation for which they are used.
9. Dose Calibrator and Other Dosage Measuring Equipment.	X Equipment used to measure dosages will be calibrated in accordance with nationally recognized standards or the manufacturer's instructions.
10. Occupational Dose.	X Either we will perform a prospective evaluation demonstrating that unmonitored individuals are not likely to receive, in one year, a radiation dose in excess of 10% of the allowable limits in 10 CFR Part 20 or we will provide Dosimetry that meets the requirements listed under "Criteria" in NUREG 1556, Vol. 9,Rev.3 dated September 2019. or ❑ A description of an alternative method for demonstrating compliance with the referenced regulations.
10. Areas Surveys.	X We have developed and will implement and maintain written procedures for area surveys in accordance with 10 CFR 20.1101 that meet the requirements of 10 CFR 20.1501 and 10 CFR 35.70.
10. Safe Use of Unsealed Licensed Material.	X We have developed and will implement and maintain procedures for safe use of unsealed byproduct material that meet the requirements of 10 CFR 20.1101 and 10 CFR 1301.
10. Spill Procedures and Minimization of Contamination.	X We have developed and will implement and maintain written procedures for safe response to spills of licensed material in accordance with 10 CFR 20.1101.
10. Minimization of Contamination	X A response is not required.
11. Waste Management.	X We have developed and will implement and maintain written waste disposal procedures for licensed material in accordance with 10 CFR 20.1101, that also meet the requirements of the applicable section of Subpart K to 10 CFR Part 20 and 10 CFR Part 35.92.