



**Mayagüez  
Medical  
Center**

Dr. Ramón Emeterio Betances

MS 16  
G-8

2010 AUG 23 AM 11:18

RECEIVED

August 23, 2010

Hector Bermudez  
Senior Health Physicist  
Medical Branch  
DIVISION OF NUCLEAR MATERIALS SAFETY  
Region I- Atlanta Office  
Suite 1200  
245 Peachtree Center Ave.  
Atlanta, GA 303303-1257

SUBJ: Additional information request to License NO. 52-13598-04  
Docket Number 030-37760 Control No. 144723

These are our additional information in response to your facsimile of  
august 11, 2010.

1. Please provide a description of the instrumentation that will be  
used to perform required radiation surveys and state that "We  
reserved the right to upgrade our survey instruments as necessary  
as long as they are adequate to measure the type and level of  
radiation for which they are used."

The following radiation survey instrumentation or equivalent is  
available:

Model and Type: Ludlum M 14c  
Range and Units: 0.1 mR/h to 1.0 R/h

**The hospital has a Ludlum model 14C is equipped with a thin  
end-window according with appendix K (NUREG-1556 Vol 9)  
and could be equipped with a thin sodium iodine crystal probe  
with efficiency for low energy.**

144723

2. Confirm that equipment used to measure dosages will be calibrated in accordance with nationally recognized standards or the manufacturer's instructions.

**We confirm that equipment used to measure dosages will be calibrated in accordance with nationally recognized standards or the manufacturer's instructions.**

3. Confirm that you 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 20.1301.

**We Confirm that 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 20.1301.**

4. Confirm that you have developed and will implement and maintain procedures for safe response to spills of licensed material in accordance with 10 CFR 201101.

**We Confirm that we have developed and will implement and maintain procedures for safe response to spills of licensed material in accordance with 10 CFR 201101.**

5. You have requested that Mr. Carmelo Pérez Rosario be named Radiation Safety Officer (RSO) on your license. Since he is an outside consultant\contractor, in support of this request, please address the following:

- a. Describe the control over the radiation safety program that will be delegated so that the consultant-RSO will be able to exercise authority over authorized users when confronted with radiation safety problems that require implementation of corrective action.

**Carmelo Perez will have control over the radiation safety program and will comply with all responsibilities under the position of radiation safety officer. In addition he will have the authority to implement corrective action when necessary to ensure that the authorized users and all staff comply with radiation safety program problems confront authorized**

- b. Describe the relationship that will exist between the consultant-RSO and your institutional management regarding expenditure of funds to facilitate the objectives of your radiation safety program and related regulatory requirements.

**The hospital has the necessary funds to respond to any recommendation of the radiation safety officer in accordance with the requirements of radiation safety program.**

- c. Identify other commitments of the consultant- for other NRC Licensed facilities, along with a description of how the consultant-RSO will allocated time to permit the performance of the duties of the RSO as describe in the regulations. State the consultant-RSO's minimum amount of on-site time (hours per week).

**The radiation safety officer will spend two hours a week and all the time necessary for the radiation safety program meets all requirements.**

- d. Appoint and in-house representative who will serve as the point of contact during the RSO's absence. This person may be allowed to assist the consultant RSO with limited authority.

**Dr. Eduardo Pascual is the person assigned to assist the Radiation Safety Officer.**

- e. Answer only.

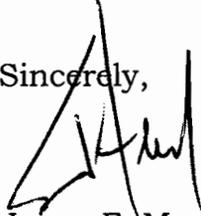
**The radiation safety officer is available to answer any questions that may be required according to the requirements of radiation safety program and will be available in our facilities about an hour to handle any emergency.**

**6. We confirm In reference 5.d that the RSO know that those delegated task were performed as required and in compliance with NRC regulations and our NRC license.**

**7. We confirm that the desired possession limit for 10 CFR 35.300 materials is 0.5 curies, not 0.3 curies as stated in our letter.**

We expect your prompt response and approval. For any additional information please call us at (787) 652-9200.

Sincerely,

A handwritten signature in black ink, appearing to read 'Jaime F. Maestre', written over a vertical line that extends from the word 'Sincerely,'.

Jaime F. Maestre, MHSA  
Administrador, Mayagüez Medical Center