

**ROBERT WOOD JOHNSON**  
UNIVERSITY HOSPITAL

One Robert Wood Johnson Place  
P.O. Box 2601  
New Brunswick, NJ 08903-2601 / 732-828-3000

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030-02525

March 22, 2000

Ms. Michelle Beardsley  
Nuclear Regulatory Commission  
475 Allendale Road  
King of Prussia, PA 19406

RE: Lic # 29-10173-02

Dear Ms. Beardsley:

This is a request to amend the Robert Wood Johnson University Hospital license, # 29-10173-02 with the following change:

The Hospital will open a PET imaging center on the hospital campus located at 48 French Street in New Brunswick, New Jersey. Drawings of the entire facility and hot lab shielding design are enclosed. The Hospital's current Radiation Safety Program will be extended to the Hospital's new facility.

In addition, we commit that:

- 1) (F-18) Fluro-2-deoxy-D-Glucose will be used for tumor imaging, Myocardial viability and evaluation of neurological disorders including epilepsy.
- 2) The following sealed sources will be used for calibration of the dose calibrator:

Source	Activity
Cs-137	~253 uCi
Ba-133	~265 uCi

- 3) Quarterly inventory and semi-annual leak tests will be done on the above mentioned sealed sources.

*NMSS/RGN-002*

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- 4) Radio-pharmaceuticals will be delivered during regular working hours only.
- 5) During off-hours, the facility will be monitored by an electronic alarm system connected to Hospital Security dispatch center.
- 6) Chief Technologist, Lead Technologist and the Technical Director, in addition to security staff, will have access to the facility.
- 7) Daily area surveys will be done on areas covering Radio-pharmaceutical storage, preparation, injection, and scanning room, at minimum, by a calibrated survey instrument.
- 8) Weekly wipe test will be done on areas covering Radio-pharmaceutical storage, dose preparation, injection, and the scanning room. The results will be checked by CAPRAC well/wipe test counter manufactured by CAPINTEC.

A speedy review of this request is highly appreciated as we scheduled the opening of the facility for April 14, 2000.

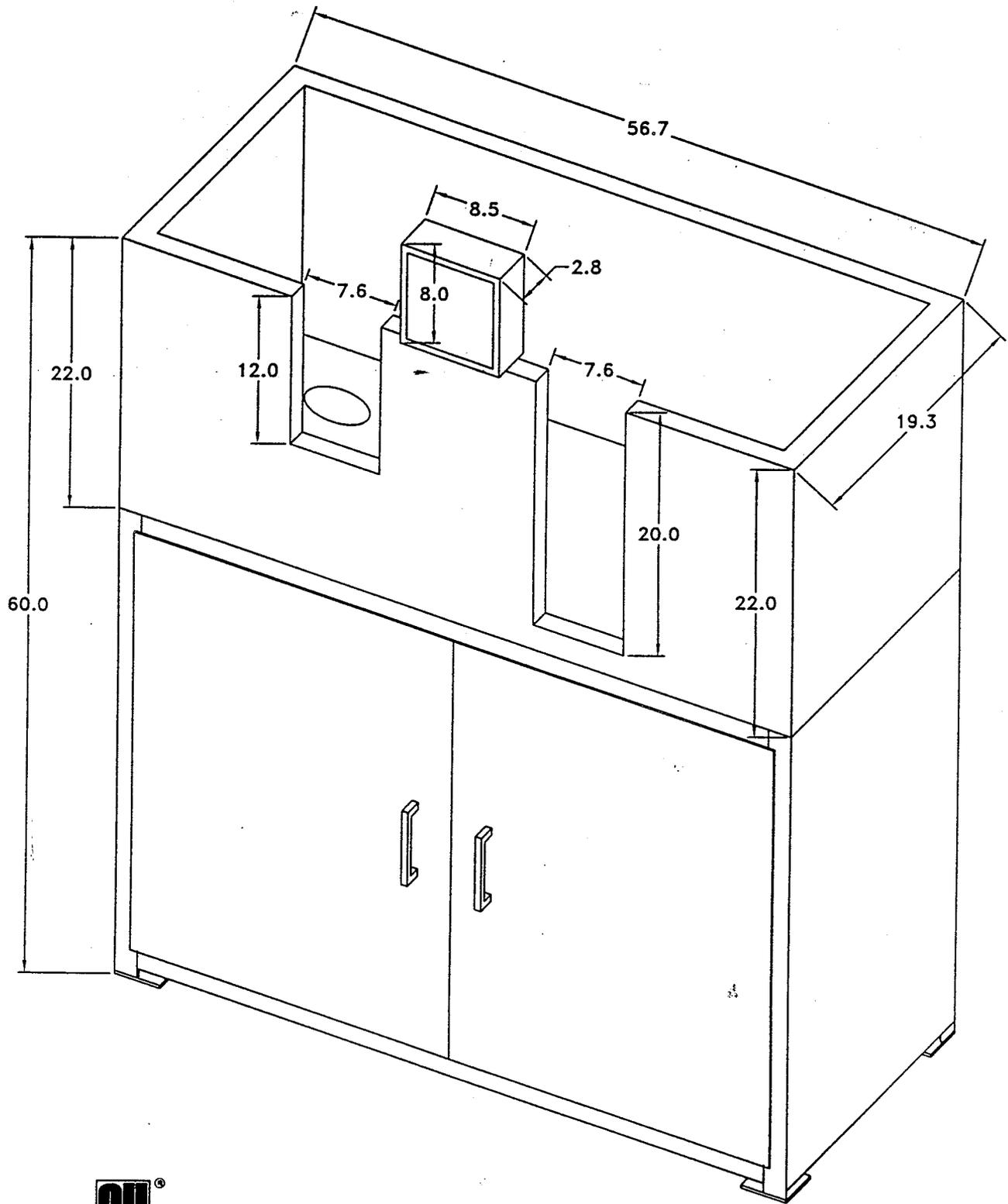
If you have any questions, please call Dasika Rao at 732-937 8609. Thank you.

Sincerely,

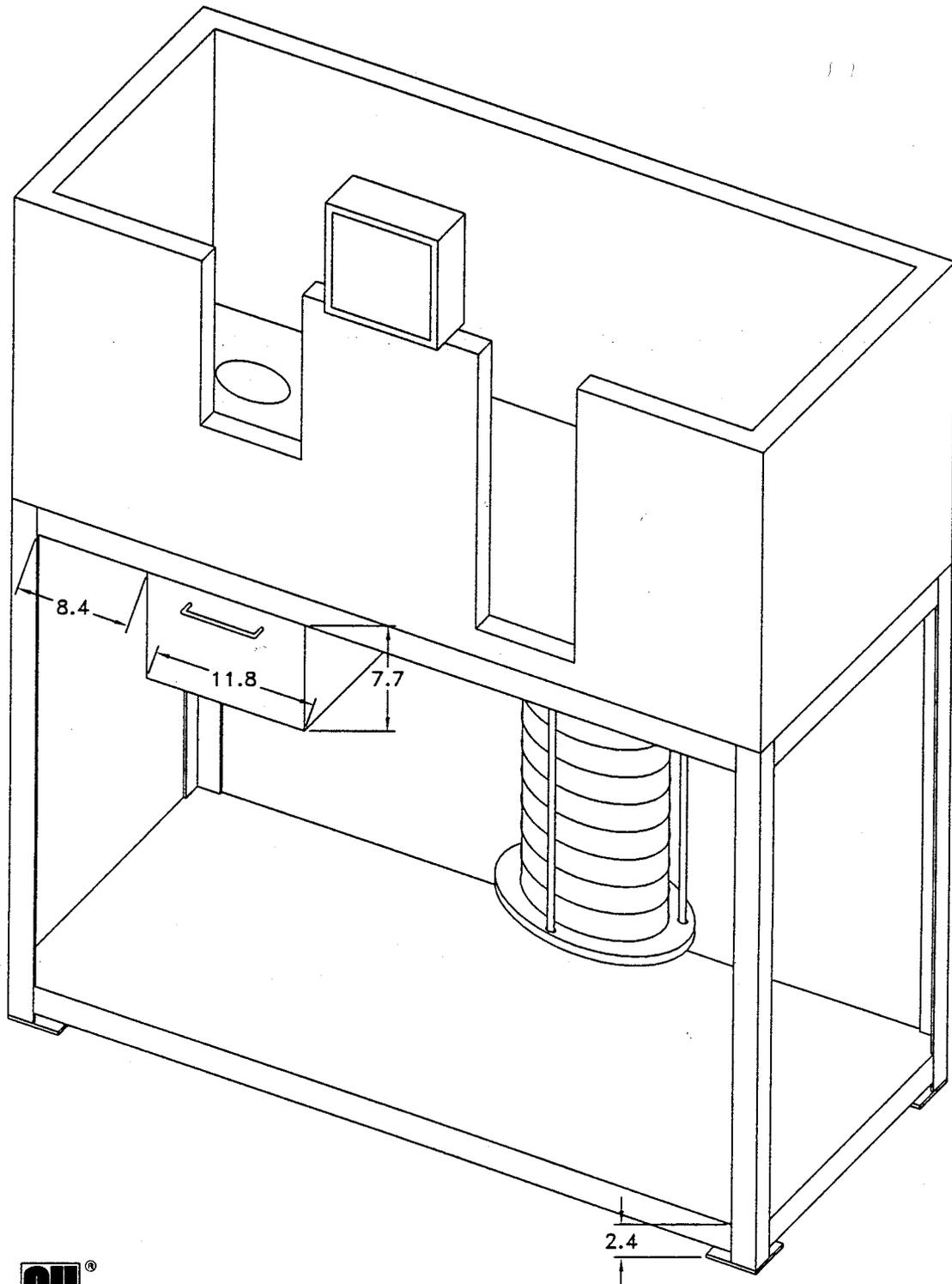


Stephen K. Jones  
Senior Vice President, Operations

cc: D. Rao, Radiation Safety Officer



WORK STATION



**WORK STATION**



This is to acknowledge the receipt of your letter/application dated

3-22-00, and to inform you that the initial processing which includes an administrative review has been performed.

*Amend* *29-10173-02*  
There were no administrative omissions. Your application was assigned to a technical reviewer. Please note that the technical review may identify additional omissions or require additional information.

Please provide to this office within 30 days of your receipt of this card

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A copy of your action has been forwarded to our License Fee & Accounts Receivable Branch, who will contact you separately if there is a fee issue involved.

Your action has been assigned Mail Control Number 1 2 7 9 3 4.  
When calling to inquire about this action, please refer to this control number.  
You may call us on (610) 337-5398, or 337-5260.

NRC FORM 532 (R)  
(8-96)

Sincerely,  
Licensing Assistance Team Leader