Bio-Med Associates, Inc.

4 Main Street Flemington, NJ 08822 908-788-9440

June 3, 2010

United States Nuclear Regulatory Commission Region I 475 Allendale Road King of Prussia, PA 19406

RE: License No. 06-09522-01

Dear Ms. Nguyen:

This letter is to inform your office of the revised procedure relating to I-131 therapy administrations at Greenwich Hospital. We have scheduled an In-Service for June 15, 2010 to cover the material contained on the enclosed data sheet. The staff will be advised to complete the data form and verify that the exposure to any member of the general public is below 500 mrem prior to patient release. In addition for prescribed doses of 175 mCi of I-131 and above one of the medical physics staff shall verify that the exposure to any member of the general public will be below 500mrem prior to scheduling the patient for treatment.

If you have any additional questions regarding this correspondence, please contact me at 908-788-9440 or mmink@biomedphysics.com.

Sincerely:

BIO-MED ASSOCIATES. INC.

Michael Mink, M.S., DABR

Medical Physicist

Enclosure (1)

Greenwich Hospital

RELEASE OF PATIENTS ADMINISTERED RADIOACTIVE MATERIALS THYROID CANCER

The following information is intended to provide verification of dose limits from patients administered radioactive materials in accordance with 10 CFR 35.75. The method of calculation was adopted from NUREG 1556 vol. 9 Rev. 2.

l-131									
For Th							ve dose to any othe sieverts (0.5 rem).	r individual is	
If YES , con Does the p	atient treat tact the me patient have	ed in the last 1 edical physicist, e an uptake gre edical physicist.	and what ater than :	was the previ		NO	or dosage	mCi	
	External D	ose					Question?		
	D(∞) = 34.6(2.2)(Q _o)/(100cm) ²	[(0.75)(8 <i>.</i> 04))(0.8)(1-e ^{-0,693(0,33)}	/(8.04)) + e ^{-0.693(0.33)/}	v	e ^{-0.693(0.33)/(8.04)(0.25)(0.05)(}	^{75.2)}]	
	D(∞)= D(∞)=	0.002267(Q ₀) 0.002267(REM	mCi)		(i			
	Internal D	ose							
	D; =	Q(10-5) (DCF)							
	D _i =	0.00053(mCi)					
	D _i =		REM						
	Total Dose								
	D _t =	D(∞) + D _i							
	D _t =		REM	***Dose	must be less tha	an 0.5 REM***			
Is the dose If NO , cont		.5 REM? dical physicist	YES	NO					
	Name			_		Date			