

To: Jan Nguyen  
NRC  
610-337-5269

*Q-4*

From: Jim Israel  
United Hospital Center  
681-342-1832

*47-0458-01  
03003325*

Mail Control # 574240

This fax is 2 pages, including this cover sheet.

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**HDR Source Package Leak Test Results**  
**United Hospital Center**  
**Radiation Oncology**  
**December 27, 2010**

All samples, background check, and check source were counted for one minute.

Check source: 1.2 microcuries Co-57 December 3, 2007

0.0684 microcuries today

Check source reading: 129774

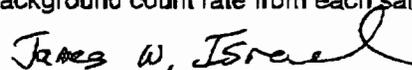
Background: 159

Efficiency= 0.853 cpm/dpm minimum detectable activity (MDA) = 0.0000200 microcuries

Isotope	Form	Calibration		Manufacturer	Model number/serial number	Today's activity	Location	reading (cpm)	removable activity (microcuries)
		Activity	Date						
Ir-192	brachy seeds	100 millicuries	8/1/1985	Rad-Irid	?	0.0 microcuries	Rad Waste	188	< MDA
								163	< MDA

Description of Leak Test Measurement Method: The top, bottom, and sides of the package this source was contained in were wiped with two damp cotton swabs. Each test sample was measured in a well counter with the window set to its widest value.

The count of the check source was used to determine the efficiency and, along with the background count, the minimum detectable activity. The removable activity was calculated by subtracting the background count rate from each sample count rate, dividing by the efficiency, and dividing by 2,220,000 dpm/microcurie.



James W. Israel, M.S., DABR  
 Medical Physicist and Radiation Safety Officer