



October 3, 1989

Richard E. Ludua, Inspector
U.S. Nuclear Regulatory Commission
Region #1
King of Prussia, PA

Dear Inspector Ludua:

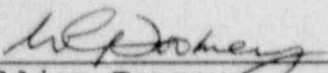
This letter is in response to your safety inspection of Zynaxis Cell Science, Inc., byproduct material license, # 37-28318-02, and materials license, # 37-318-01, on September 5, 1989 where you found Zynaxis noncompliant in the performance of a leak test on a sealed cesium-137 source by an authorized individual. Subsequently, we have taken the appropriate and necessary actions to correct this violation.

Attached you will find the results of a leak test performed on October 3, 1989 by Martin Summers who is identified by NRC materials license 37-28318-01 as an authorized user. The results indicate that there is no removable contamination in or around the cesium-137 irradiator well.

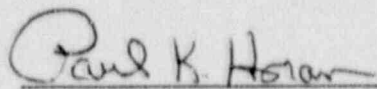
Actions are currently being taken, in the form of a license amendment, to help assure that this infraction does not reoccur in the future.

Thank you for your support and assistance regarding this matter.

Sincerely Yours,



William Toomey
Chief Operating Officer



Paul K. Horan, Ph.D.
Radiation Safety Officer

8911150068 891102
REG1 LIC30
37-28318-01 PDC

Alfred Hummel

03 Oct 89 12:22
Protocol #: 2

Packard Instrument Company
RSD WIPE TEST

Page #1
User : KMB

Count Time(minutes): 1.00
Assay Type: CPM
Background Subtract : Manual
Outlier: 5.0 FLAG
%Spillup: 0.00
%Spilldown: 0.00
Screening: OFF

	Window A		Window B		Window C	
Nuclide:	MAN	15 - 2000 keV	MAN	15 - 2000 keV	MAN	15 - 15 keV
Bkg:	0.00		0.00		0.00	
Sigma:	0.00		0.00		0.00	
LDR:	0		0		0	
Half Life(hours):	0.00		0.00			
Multiplier:	1.0000					

S#	A:CPM	A:%ERR	B:CPM	B:%ERR	A:ERROR	CPM RESULT	PAT/ID
1	179.0	7.47	179.0	7.47		179.000	SAMPLE 1 - Cs-137 wipe
2	205.0	6.98	205.0	6.98		205.000	SAMPLE 2 - BxGAB

179.00
- 205.00

- 26.00 cts.

Wipe CPM < BKG CPM ∴ NO removable contamination

Alfred Hummel
10/2/89