

Johnson & Johnson
PHARMACEUTICAL RESEARCH
& DEVELOPMENT, L.L.C.

1000 U.S. Highway 202, P.O. Box 300
Raritan NJ 08869

J-6

September 19, 2008

Licensing Assistance Team
Division of Nuclear Materials Safety
U.S. Nuclear Regulatory Commission, Region I
475 Allendale Road
King of Prussia, PA 19406-1415

Dear Dennis Lawyer:

03010814

This is a request by Johnson & Johnson Pharmaceutical Research & Development, L.L.C. in Raritan, NJ to amend its NRC Material License number 29-02608-03 to remove line item 6F (Cesium-137 sealed source). This is a result of the irradiator containing the Cs-137 source being transferred to JL Shepherd & Associates on February 28, 2007.

Please find attached a copy of the "Certification of Source/Device Possession Transfer" from Johnson & Johnson Pharmaceutical Research & Development, L. L. C. to JL Shepherd & Associates and a survey/leak test performed on the Cs-137 sealed source on 1/29/2007.

If there are any questions regarding this, please contact James Kwiatkowski at (908) 704-4930.

Sincerely,



James Kwiatkowski
Manager – Environmental, Health & Safety
Johnson & Johnson Pharmaceutical
Research & Development, L.L.C.

JL SHEPHERD & ASSOCIATES

1010 ARROYO AVE., SAN FERNANDO, CALIFORNIA 91340-1822

818-898-2361 FAX 818-361-8095


CERTIFICATION OF SOURCE/DEVICE POSSESSION TRANSFER

This document is to certify that on or about February 28, 2007, J.L. Shepherd and Associates took possession of and title to the following device/sources:

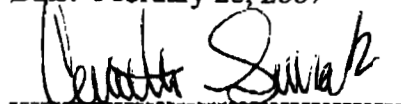
1 Each Nordion Model Gammacell 40 Irradiator, S.N. #:74, with 2 each Model C161 Sources, Type 8, Double Encapsulated Cs-137 Sources, with a total activity of 3,474 Curies Cs-137 (as of 1/13/84),

From/at: The Johnson and Johnson Pharmaceutical Company
Research and Development
1000 Route 202
Raritan, NJ 08869

This source/device was received by J.L. Shepherd and Associates under the applicable U.S. Department of Transportation 49 Code of Federal Regulations and the U.S. Nuclear Regulatory Commission 10 Code of Federal Regulations, Part 71. This transfer of possession of the source/device took place in accordance with J.L. Shepherd and Associates State of California (a U.S. Nuclear Regulatory Commission Agreement State) Radioactive Materials License 1777-19, Amendment 84, Expiration Date 10/11/95, with State of California issued Letter of Timely Renewal, Dated September 21, 1995, and in accordance with U.S. Nuclear Regulatory Commission 10CFR40.51. Acceptance of this quantity will not exceed the possession limit of the license.


J.L. Shepherd
President

J.L. Shepherd and Associates
Date: February 28, 2007



Curtis Smock (or authorized agent)
The Johnson and Johnson Pharmaceutical Company
February 28, 2007

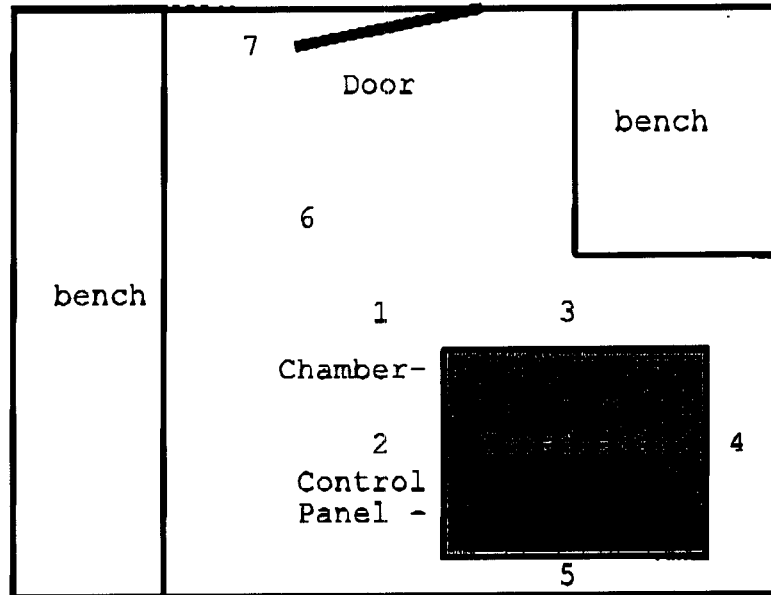
NRC License 29-02608-04

Irradiator Survey & Leaktest Report

AECL Self Contained Cs-137 Irradiator
 Model: Gammacell 40 Serial #: 74
 3474 curies on 4-30-84
 Room # A141

Cs-137: 2067 curies on 1/2007

EXPOSURE RATE SURVEY REPORT



LOCATION	EXPOSURE RATE (mR/hr) IRRADIATOR OFF	EXPOSURE RATE (mR/hr) IRRADIATOR ON
1-CHAMBER DOOR	<0.05	1.5
2-@ SURFACE	<0.05	0.5
3-@ SURFACE	<0.05	0.4
4-@ SURFACE	<0.05	<0.05
5-@ SURFACE	<0.05	<0.05
6-1 METER	<0.05	<0.05
7-DOOR	<0.05	<0.05

Victoreau 450P
 SURVEY METER: S/N 2022 CALIBRATED: 3/8/06
 RADIATION SAFETY OFFICE: C. Smak DATE: 1/29/2007

NRC License 29-02608-04

Irradiator Survey & Leaktest Report

Cs-137 IRRADIATOR LEAK TEST

LEAK TEST WIPE LOCATIONS:

1. source drawer cylinder (upper)
2. source drawer cylinder (lower)
3. inside chamber

LEAK TEST WIPE ANALYSIS

LOCATION	CPM	uCi
1	1.5	2.8×10^{-6}
2	$\approx 3K$ ($BK = 121$ CPM)	N/A
3	$< BK$ ($BK = 121$ CPM)	N/A

S/N 101A20
 COUNTER: Packard Cobra Cs-137 eff.: 24% on 12/19/2006 Cal.

IRRADIATOR INTERLOCK SYSTEM CHECK

1. CS-137 SOURCE CANNOT BE EXPOSED WITH DOOR AJAR
 YES / NO
2. CHAMBER DOOR CANNOT BE OPENED WITH CS-137 SOURCE EXPOSED
 YES / NO
3. IN AUTOMATIC MODE, SOURCE BECOMES SHIELDED WHEN TIME EXPIRES
 YES / NO

RADIATION SAFETY OFFICE: C. Small DATE: 1/29/2007

NRC License 29-02608-04

Irradiator Survey & Leaktest Report

IRRADIATOR ALARM CHECK/CALIBRATION

Eberline
Model - RM-20-1
S/N - 448

N/A mr/hr triggers alarm

CALIBRATION SOURCE LEAK TEST

NEW ENGLAND NUCLEAR (NEN) Cs-137 SEALED SOURCE
serial #: CS1531
10 mCi on 12/83
Storage location: B167

Cs-137: 5.89 millicuries on 1/2007

CPM	uCi
< BKg (BKg = 121 CPM)	N/A

RADIATION SAFETY OFFICE: C. Swank DATE: 1/29/2007

29 Jan 2007 10:51
 Protocol #: 6

Packard Instrument Company
 Cs-137

Page #1
 User : CWS

Count Time(minutes): 2.00
 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	567 - 767 keV	MAN	15 - 566 keV	MAN	768 - 2000 keV
Bkg:	0.00		0.00		0.00	
Sigma:	0.00		0.00		0.00	
LCR:	0		0		0	
Half Life(hours):	0.00		0.00			
Multiplier:	1.0000					
%CV Flag Limit:	0.00		0.00			

	S#	A:CPM	A:%ERR	B:CPM	B:%ERR	C:CPM	CCPM	RESULT	PAT/ID
HT - 1	1	122.5	6.39	319.5	3.96	85.0	122.500	SAMPLE	1
HT - 2	2	101.0	7.04	331.5	3.88	84.5	101.000	SAMPLE	2
HT - 3	3	104.5	6.92	305.0	4.05	76.0	104.500	SAMPLE	3
1 MISSING TUBE(S)									
SS 5	5	120.5	6.44	304.0	4.06	74.5	120.500	SAMPLE	5
14 MISSING TUBE(S)									
Bkg - 20	20	121.0	6.43	312.5	4.00	79.5	121.000	SAMPLE	20