



DUNN MEMORIAL HOSPITAL

1600 23rd St. Bedford, Indiana 47421 • (812) 275-3331

April 20, 1990

Lic File

13-17076-01

Ms. Rose Pankratz
U.S. Nuclear Regulatory Commission
Region III
799 Roosevelt Road
Glenellyn, Illinois 60137

SUBJECT: Wipe testing at Dunn Memorial Hospital

Ms. Pankratz:

1. Since the last communication with the Nuclear Regulatory Commission we purchased a Victoreen Deluxe Wipe Test counter.
2. We changed our procedures on wipe testing from GM meter survey wipe test counting for determining contamination.
3. For efficiency testing we originally used a sealed cesium source, now we have purchased a micropipette to do efficiency checking with technetium. The efficiency of the Victoreen Deluxe Wipe counter was found to be 7.3%. All wipe tests will be conducted on the Victoreen and counts per minute multiplied by the reciprocal of efficiency will be used to calculate and report decays per minute. This started on 2-2-90 and continues. I have enclosed a copy of the most recent (4-13-90) survey and a copy of the purchase order for the microsyringe.

I hope this will then satisfactorily conclude this matter.

Respectfully submitted,

B. J. Seligman

B. J. Seligman, M.D.
Radiation Safety Officer
Dunn Memorial Hospital

IE07

9005150027 900420
REG3 LIC30
13-17076-01 PDC

APR 20 1990

PROCEDURE: Surveys are performed with a low level GM meter with shield open. Wipe tests are performed with Alcon, Qes, or similar absorbent material and counted in a victoreen deluxe wipe test counter.

LOCATION	MR/HR	DISTANCE	WIPE TEST Counts Per Minute	Instrument used WIPE TEST CO:
HOT LAB SINK	<0.05	67"		Well
HOT LAB-FRONT OF LEAD SHIELD	<0.05	SURFACE	<1000dpm	Well
HOT LAB-BASE OF LEAD SHIELD	<0.05	SURFACE		Well
HOT LAB- FLOOR CENTER	<0.05			Well
HOT LAB-FRONT OF GENERATOR	1.2	1'	<1000dpm	Well
HOT LAB-RADIOACTIVE STORAGE CABINET	1.2	DOOR SURFACE	<1000dpm	Well
CAMERA ROOM- ENTRANCE	<0.05	WAIST LEVEL		Well
CAMERA ROOM- FLOOR CENTER	<0.05	SURFACE		Well
CAMERA ROOM- CONSOLE AREA	<0.05	SURFACE		Well
HOT LAB- DOSE CALIBRATOR	<0.05	SURFACE		Well
CAMERA ROOM- CAMERA DETECTOR	<0.05	SURFACE		Well
PATIENT INJECT. AREA	<0.05	SURFACE	4000dpm	Well
				Well
				Well
				Well
				Well
0 BACKGROUND (Hollow)	<0.05		<1000dpm	Well

GM detector - Ludlum 14-C

wipe test counter

Victoreen deluxe #05-0578

S. Meter Operator -
Check Reading = 40 mR/HR

wipe test
counter - mCiCs = 173.3Kdpm

Signature: S. K. Kunt

CURTIN MATHESON SCI., INC
1225 N MICHAEL DRIVE
WOOD DALE IL 60191-1019

UPS SHIPPER NO
IL 623-045
PKG 10 5 631

CURTIN MATHESON SCI., INC
1225 N MICHAEL DRIVE
WOOD DALE IL 60191-1019

OUR ORDER NUMBER 01-523631-000		RETURN REQUESTED	
SHIP TO DUNN MEMORIAL HOSP 1616 23RD ST BEDFORD IN 47421-0000		DO NOT RETURN MERCHANDISE WITHOUT WRITTEN AUTHORIZATION	
CUSTOMER ORDER NUMBER 40334		CONTENTS MERCHANDISE	

520-189 DUNN MEMORIAL HOSP
41 1616 23RD ST
BEDFORD IN 47421-0000

CURTIN MATHESON SCI., INC
1225 N MICHAEL DRIVE
WOOD DALE IL 60191-1019

CUSTOMER ORDER NUMBER 40334		OUR ORDER NUMBER 01-523631-000	
ORDER DATE 01JAN00 03/09/90	NOTICE TYPE STOCK	S.N. DATE 00:07:06 04/11/90	S.N. NUMBER 127325
		PAGE 01	

LINE	QUANTITY	UNIT	CATALOG NUMBER	LOC	DESCRIPTION
0010	1	EA	270-000 VCN 84253	00000	701 PIPET, MICROSYRINGE, 0-3 UL

DEST WIA	SHIP TO ARRIVE ON	DATE SHIPPED	SHIP VIA	FREIGHT CHARGE
			000 000 000	

* EXCEPTION QUANTITY IS AN AMOUNT LESS THAN SPECIFIED FOR THIS SHIPMENT. BALANCE IS ON BACK ORDER.

DIRECT ALL CORRESPONDENCE OR INQUIRIES REGARDING THIS SHIPMENT TO:
CURTIN MATHESON SCI 1225 N MICHAEL DRIVE WOOD DALE IL 60191-1019

FILLED BY	TABLE	FLOOR	CHECKED BY	PIECES ON FLOOR	PACKED BY	NO. OF PIECES
-----------	-------	-------	------------	-----------------	-----------	---------------

IMPORTANT

This shipment should be thoroughly inspected as soon as received. If any concealed damage or loss is discovered, notify the transportation company at once and request inspection. This absolutely necessary. Otherwise, the transportation company will not entertain a claim for loss or damage.

We cannot be responsible for loss or damage when you give the transportation company a clear delivery receipt. Claims for loss or damage on shipments must not be deducted from our invoice, nor payment withheld pending adjustments of such claims. We cannot guarantee safe delivery.

DO NOT RETURN MERCHANDISE WITHOUT WRITTEN AUTHORIZATION FROM

PACKING LIST