



PONTIFICAL CATHOLIC UNIVERSITY OF PUERTO RICO
2250 AVE. LAS AMÉRICAS SUITE 570
PONCE, PUERTO RICO 00717-9997

BIOLOGY DEPARTMENT

J-6
MS-16

TEL. (787) 841-2000
EXT. 1550
FAX (787) 840-4295

November 16, 2006

Ms. Betsy Ullrich
Senior Health Physicist
Commercial and R&D Branco
Division of Nuclear Materials Safety
Nuclear Regulatory Commission
Washington, DC 20555

RECEIVED
REGION 1
2006 NOV 20 PM 12:21

Dear Ms. Ullrich:

03019921

On reference to your communication Mail Control No. 139009, we still want to terminate the Nuclear Regulatory Commission License No. 52-13508-03. When we received your letter of July 10, 2006 Dr. Infante and I were on summer vacations until August 2 and classes started on August 14. There are also a lot of documents to check. That is the reason why we could not answer your letter until now.

1. After examination of NUREG-1757, Volume 1, Revision 1 we, at Pontifical Catholic University of Puerto Rico, submit you the following information:
 - a. The radioactive material (^{14}C , ^3H and ^{32}P) was properly disposed in March 2004 by Ecology Services, Inc. All the documents about the disposal of the radioisotopes waste are included in this communication. Please, see the attachments for the confirmation of the disposition of the material.
 - b. The NRC Form 314 was submitted on June 16, 2006, but we are submitting it again with this letter. (See attachments.)
 - c. The smears we submitted on June 16 are the ones we are including in this letter, done for tritium, carbon 14 and phosphorous 32. We are doing new smears for both rooms Fe-119 and Fe-120. The results would be sent to you as soon as we have them.

There was never a room Fe-117 used for radioactive lab purposes. The room numbers in Ferré building were changed in the 1980's, but the only rooms that we had used were Fe-119 (a radiochemistry lab) and Fe-120 [REDACTED]. Copies of the original diagrams of the location of the rooms are included in this communication. (See attachments.)

The only radioisotopes used in rooms Fe-119 and room Fe-120 were C^{14} , H^3 and P^{32} even though Fe-120 was licensed for atomic number 2 through 83.

139009
NMSS/RGNI MATERIALS-C02

Both rooms were modified in their inner structure:

- a) Fe-119 is now a professor's office. It was modified on 1986.
- b) Fe-120 benches, fume hood and other equipment were removed because of termites' destruction of benches and documents. [REDACTED]

[REDACTED] Radiological wastes were stored in this room until disposed in 2004.


- d. The radionuclides lab material was treated for disposal as usual for that time (before 1986). The radioisotope solutions were diluted and discarded to the sanitary sewerage system after some time stored. The bottles were then washed with soap and water and then reused or discarded. All of them had less than 0.005uCi/ml.

We have no records of spills or any contamination for any of those two rooms (Fe-119, Fe-120).

2. Environmental assessment of our facilities states that:

- a. The Pontifical University of Puerto Rico has two rooms in the Ferré Science Building, Fe-119 and Fe-120 that were used as lab facilities for radiological research.
- b. Ferré is a two store building with two wings, an L- shaped in the southeast part of the Pontifical Catholic University of Puerto Rico. Both rooms, Fe-119 and Fe-120, are 14.6' x 12.4'. (See the PCUPR map included and diagrams of the rooms.)
- c. The Ferré building is used for teaching and all the Sciences Departments, Dean's and Professors' offices are located here.
- d. The surrounding area is a mixed residential/commercial.
- e. The license authorized the use of radioisotopes for research and development as defined in section 30.4(q), 10 CFR Part 30 (1988).
- f. The licensed activities ceased in 1989. Since that time the wastes were stored properly in Fe-120 until we found a company that accepts to dispose of the wastes. In March, 2004, Ecology Services, Inc. disposed of the waste as confirmed in the documents attached.

Submitted by


Carmen I. Asencio
Radiation Safety Officer

(6-2004)
10 CFR 30.36(j)(1); 40.42(j)(1);
70.38(j)(1); and 72.54(j)(1)

CERTIFICATE OF DISPOSITION OF MATERIALS

Estimated burden per response to comply with this mandatory collection request: 30 minutes. This submittal is used by NRC as part of the basis for its determination that the facility is released for unrestricted use. Send comments regarding burden estimate to the Records and FOIA/Privacy Services Branch (T-5 F52), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by internet e-mail to infocollects@nrc.gov, and to the Desk Officer, Office of Information and Regulatory Affairs, NEOB-10202, (3150-0028), Office of Management and Budget, Washington, DC 20503. If a means used to impose an information collection does not display a currently valid OMB control number, the NRC may not conduct or sponsor, and a person is not required to respond to, the information collection.

LICENSEE NAME AND ADDRESS

*Catholic University of Puerto Rico
College of Sciences
2250 Ave. Las Americas
Ponce, PR 00717*

LICENSE NUMBER

52-13508-03

DOCKET NUMBER

03019921

LICENSE EXPIRATION DATE

August 31, 2006

- ☒ This license has expired. ☐ This license has not yet expired; please terminate it.

A. LICENSE STATUS (Check the appropriate box)

B. DISPOSAL OF RADIOACTIVE MATERIAL

(Check the appropriate boxes and complete as necessary. If additional space is needed, provide attachments)

The licensee, or any individual executing this certificate on behalf of the licensee, certifies that:

- ☐ 1. No radioactive materials have ever been procured or possessed by the licensee under this license.
- ☒ 2. All activities authorized by this license have ceased, and all radioactive materials procured and/or possessed by the licensee under this license number cited above have been disposed of in the following manner:
- ☐ a. Transfer of radioactive materials to the licensee listed below:
- ☒ b. Disposal of radioactive materials:
- ☐ 1. Directly by the licensee:
- ☐ 2. By licensed disposal site:
- ☒ 3. By waste contractor:
- Ecology Services, Inc.
Columbia, Maryland*
- ☒ c. All radioactive materials have been removed such that any remaining residual radioactivity is within the limits of 10 CFR Part 20, Subpart E, and is ALARA.

C. SURVEYS PERFORMED AND REPORTED

- ☒ 1. A radiation survey was conducted by the licensee. The survey confirms:
- ☐ a. the absence of licensed radioactive materials
- ☒ b. that any remaining residual radioactivity is within the limits of 10 CFR 20, Subpart E, and is ALARA.
- ☒ 2. A copy of the radiation survey results:
- ☒ a. is attached; or ☐ b. is not attached (Provide explanation); ☐ c. was forwarded to NRC on: _____ Date
- ☐ 3. A radiation survey is not required as only sealed sources were ever possessed under this license, and
- ☐ a. The results of the latest leak test are attached; and/or ☐ b. No leaking sources have ever been identified.

The person to be contacted regarding the information provided on this form:

NAME <i>Carmen I. Asencio</i>	TITLE <i>Radiation Safety Officer</i>	TELEPHONE (Include Area Code) <i>(787)-841-2000</i>	E-MAIL ADDRESS <i>C.asencio@email.pucpr.edu</i>
Mail all future correspondence regarding this license to: <i>Carmen I. Asencio</i> <i>Pontifical Catholic University</i> <i>2250 Ave. Las Americas Suite 654</i> <i>Ponce, PR 00717-0997</i>			

D. CERTIFYING OFFICIAL

I CERTIFY UNDER PENALTY OF PERJURY THAT THE FOREGOING IS TRUE AND CORRECT

PRINTED NAME AND TITLE

Carmen I. Asencio

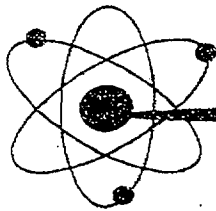
SIGNATURE

C. Asencio

DATE

11/16/06

WARNING: FALSE STATEMENTS IN THIS CERTIFICATE MAY BE SUBJECT TO CIVIL AND/OR CRIMINAL PENALTIES. NRC REGULATIONS REQUIRE THAT SUBMISSIONS TO THE NRC BE COMPLETE AND ACCURATE IN ALL MATERIAL RESPECT. 18 U.S.C. SECTION 1001 MAKES IT A CRIMINAL OFFENSE TO MAKE A WILLFULLY FALSE STATEMENT OR REPRESENTATION TO ANY DEPARTMENT OR AGENCY OF THE UNITED STATES AS TO ANY MATTER WITHIN ITS JURISDICTION.



Wisconsin Radiological Laboratories, Inc.

521 N. Business Park Circle • Stoughton, WI 53589

Phone: 608 - 877 - 0636 Fax: 608 - 877 - 0656

May 11, 2006

Prof. Carmen I. Asencio
Pontifical Catholic University of Puerto Rico
2250 Las Americas, Suite 654
Ponce, Puerto Rico 00717-9997

This letter is to report the wipe test results taken from one or more of your gamma-emitting radioactive sealed sources and on the wipes from the waste room floor taken on April 26, 2006. The sample analysis was performed on May 2, 2006 in a high efficiency sodium iodide well counter. Results were evaluated by comparison with standard sources whose activity is directly traceable to NIST standards. The sample indicated removable activity of less than 0.005 microCurie. All tests were performed under authorization of USNRC license 48-26319-01 issued to Wisconsin Radiological Laboratories (WRL). Tabular summaries of the test results are attached for your permanent records.

The waste room wipe analysis for the C^{14} and H^3 radionuclides was performed on May 11, 2006 in the above instrument and levels were found to be less than the detectable amount.

If you have any questions or require further assistance, please do not hesitate to call upon me at (608)877-0636.

Sincerely,

Lawrence J. McDonnell, Director,
Laboratory Operations

Catholic University of Puerto Rico

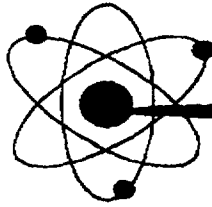
Prof. Carmen I. Asencio

Leak Test Results May 2, 2006

ORDER NO: C05104

TEST NO.	SOURCE SERIAL #	MANF ISOTOPE	DATE WIPED	ACTIVITY (DPM)	ACTIVITY (μ Ci)	ERROR (μ Ci)	MDA (μ Ci)	
05507	1035	JL Shepherd Cs-137	4/26/06	0.00	<MDA	2.85×10^{-6}	3.5203×10^{-5}	Irrad. Plate
05508	1035	JL Shepherd Cs-137	4/26/06	0.00	<MDA	2.86×10^{-6}	3.5203×10^{-5}	Source Mech.
05510	FE120	Wipe (Floor) Cs-137	4/26/06	0.00	<MDA	2.86×10^{-6}	3.5203×10^{-5}	
05511	FE120	Wipe (Floor) Cs-137	4/26/06	0.00	<MDA	2.84×10^{-6}	3.5203×10^{-5}	
05512	FE120	Wipe (Floor) Cs-137	4/26/06	10.17	<MDA	2.88×10^{-6}	3.5203×10^{-5}	

Comments: Results are reported as Net CPM (net counts per minute), Activity in disintegrations per minute (DPM) and in units of microcuries (μ Ci). The reported error is the two sigma statistical counting uncertainty, and the MDA is the minimum detectable amount of radioactivity that can be detected by the counting instrument and is reported in units of microcuries (μ Ci). All results below the MDA are reported as equal to the MDA.



Wisconsin Radiological Laboratories, Inc.

521 N. Business Park Circle • Stoughton, WI 53589

Phone: 608 - 877 - 0636 Fax: 608 - 877 - 0656

October 17, 2006

Prof. Carmen I. Asencio
Pontifical Catholic University of Puerto Rico
2250 Las Americas, Suite 654
Ponce, Puerto Rico 00717-9997

This letter is to report the wipe test results taken from rooms FE-119 and FE-120 taken on October 4, 2006. The sample analysis was performed on October 10, 2006 in a high efficiency liquid scintillation counter. Results were evaluated by comparison with standard sources whose activity is directly traceable to NIST standards. The samples indicated removable activity of less than 0.005 microCurie. All tests were performed under authorization of USNRC license 48-26319-01 issued to Wisconsin Radiological Laboratories (WRL). Tabular summaries of the test results are attached for your permanent records.

If you have any questions or require further assistance, please do not hesitate to call upon me at (608) 877-0636.

Sincerely,

Lawrence J. McDonnell, Director,
Laboratory Operations

Nov. 15 2006 12:45PM P1

FAX NO. : 608 244 4608

FROM : WISC RADIOLOGICAL LAB

Catholic University of Puerto Rico

Prof. Carmen I. Asencio

Leak Test Results October 4, 2006

Order No. C0 5246

TEST NO.	LOCATION	ISOTOPE	DATE WIPED	ACTIVITY DPM	ACTIVITY uCi	REG LIMIT uCi	MDA uCi
5571	Fel20 door	H-3	10/4/06	10	4 x 10 ⁻⁶	0.005	0.00004
5572	Fel20 sink	H-3	10/4/06	11	5 x 10 ⁻⁶	0.005	0.00004
5573	Fel20 Floor	H-3	10/4/06	6	3 x 10 ⁻⁶	0.005	0.00004
5574	Fel19 floor	H-3	10/4/06	9	4 x 10 ⁻⁶	0.005	0.00004
5575	Fel19 fl.center	H-3	10/4/06	8	4 x 10 ⁻⁶	0.005	0.00004
5576	Fel19 rm. wall	H-3	10/4/06	8	4 x 10 ⁻⁶	0.005	0.00004

: Results are reported as Activity in disintegrations

per minute (DPM) (net counts per minute times efficiency) , and in units of microcuries (uCi).

the MDA is the minimum detectable amount of radioactivity that can be

detected by the counting instrument and is reported in units of microcuries (uCi). All results were well below

the regulatory limit of 0.005 uCi for removable contamination.

Wisconsin Radiological Labs. Inc.

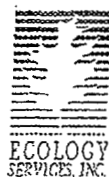
State of Wisconsin Agreement State License # 025-1356-01

Site Address _____



Attn.: _____

REV 12/02



CHAIN OF CUSTODY

10220 Old Columbia Road
Columbia, Maryland 21046
410-381-2600
800-932-7299
Fax 410-381-2602

SAMPLE GENERATOR INFORMATION

NAME:	Pontifica Universidad Católica		
LOCATION (CITY/ST):	Ponce, PR		
SAMPLE TYPE:	Solid		
AMOUNT COLLECTED:	4 (lbs)	TIME COLLECTED:	2:30
COLLECTOR'S NAME:	GRACIA HOWETT	DATE COLLECTED:	4-13-04

FIELD INFORMATION - SPECIAL INSTRUCTIONS

Packaged and shipped by ESI

CHAIN OF POSSESSION

ORIGIN	PUCPR	ACCEPTED BY	
NAME:	Hilda Santiago	NAME:	
SIGNATURE:	Hilda Santiago	SIGNATURE:	
DATE:	4/13/04	DATE:	
ORGANIZATION:	PUCPR	ORGANIZATION:	

ACCEPTED BY		ACCEPTED BY	
NAME:		NAME:	
SIGNATURE:		SIGNATURE:	
DATE:		DATE:	
ORGANIZATION:		ORGANIZATION:	

LAB INFORMATION

SAMPLE SHIPPED VIA:	FEDEX	<input checked="" type="checkbox"/> ESI	MAIL	OTHER
SAMPLE RECEIVED BY:		SIGNATURE:		
DATE:		TIME:		

BILLING INFORMATION

ESI Quote #:	04-080-BK		
Billing Customer:	Clean Harbors Environmental Services, Inc.	PO#:	
Billing Contact:	Edgar Medina	Phone #:	787-846-0300 x 3



CHAIN OF CUSTODY

10220 Old Columbia Road
Columbia, Maryland 21046
410-381-2600
800-932-7299
Fax 410-381-2602

SAMPLE GENERATOR INFORMATION

NAME:	Pontifica Universidad Católica		
LOCATION (CITY/ST):			
SAMPLE TYPE:			
AMOUNT COLLECTED:		TIME COLLECTED:	
COLLECTOR'S NAME:		DATE COLLECTED:	

FIELD INFORMATION - SPECIAL INSTRUCTIONS

Packaged and shipped by ESI

CHAIN OF POSSESSION

ORIGIN		ACCEPTED BY	
NAME:		NAME:	
SIGNATURE:		SIGNATURE:	
DATE:		DATE:	
ORGANIZATION:		ORGANIZATION:	

ACCEPTED BY		ACCEPTED BY	
NAME:		NAME:	
SIGNATURE:		SIGNATURE:	
DATE:		DATE:	
ORGANIZATION:		ORGANIZATION:	

LAB INFORMATION

SAMPLE SHIPPED VIA:	FEDEX	ESI	MAIL	OTHER
SAMPLE RECEIVED BY:	Steven Keller		SIGNATURE:	St A. Keller
DATE:		TIME:		

BILLING INFORMATION

ESI Quote #:	04-080-BK		
Billing Customer:	Clean Harbors Environmental Services, Inc.	PO#:	
Billing Contact:	Edgar Medina	Phone #:	787-846-0300 x 3



ECOLOGY SERVICES, INC.

10220 Old Columbia Road
Columbia, Maryland 21046
(410) 381-2600
1-800-932-7299
Fax (410) 381-2602

June 16, 2004

Mr. Edgar Medina
Clean Harbors Environmental Services, Inc.
Rural Road 666, Km. 0.05
Bo. Magueyes
Barceloneta, P.R. 00617

RE: Sample Analysis Results for: Pontifica Universidad Catolica(04-080-BK)

Dear Mr. Medina:

I have enclosed the results of samples analyzed for your client. Please forward a copy of the attached results to them for their records. Any waste incident to the analysis of samples will be properly disposed as Ecology Services, Inc. laboratory waste in accordance with all applicable State and Federal regulations.

If you have any questions or concerns, please contact your account manager.

Thank you for your continued use of Ecology Services, Inc. for your health physics service needs.

Sincerely,

A handwritten signature in dark ink, appearing to read 'Elise Ruzewski', is written over a horizontal line.

Elise Ruzewski
Administrative Assistant

RECEIVED
Ofc. Seguros, Seguridad
y Salud Ocupacional

AUG 24 2004

PONTIFICIA UNIVERSIDAD
CATOLICA DE P. R.

Caraballo Orengo Ada

From: Medina, Edgar A [medinaed@cleanharbors.com]
Sent: Tuesday, April 13, 2004 10:16 PM
To: Brenda J. Klug (E-mail)
Cc: Greg Howett (E-mail); Santiago Santiago Hilda; Caraballo Orengo Ada
Subject: Pontificia Universidad Catolica Rad Sample

Importance: High

Hi Brenda:

Rad sample from Pontificia Universidad Catolica was packaged today in 1 x 05 gallon pail. It was sent via Fed Ex to your attention under Air Waybill # 8398 1740 5664 Please acknowledge receipt.

Thanks

Edgar Medina
(787) 475-9571

Caraballo Orengo Ada

From: Medina, Edgar A [medinaed@cleanharbors.com]
Sent: Monday, April 19, 2004 9:54 PM
To: Santiago Santiago Hilda
Cc: Caraballo Orengo Ada; Bordoni, Michel A
Subject: FW: Online FedEx Tracking - 839817405664

Hi Hilda

Hope everything is well at Ponce !
Please review " sample received" confirmation from Ecology Services. Regards Edgar Medina
(7870 475-9571

-----Original Message-----

From: bklug@ecologyservices.com [mailto:bklug@ecologyservices.com]
Sent: Friday, April 16, 2004 1:59 PM
Subject: Online FedEx Tracking - 839817405664

confirmation of receipt of Pontificia Universidad Catolica

Tracking Number : 839817405664
Reference Number :
Ship Date : 04/13/2004
Delivered To : Receipt/Frnt desk
Delivery Location : COLUMBIA MA
Delivery Date/Time : 04/14/2004 09:44
Signed For By : E.EUEGITS
Service Type : International Priority Service

Scan Activity	Date/Time	Scan Exceptions
Delivered COLUMBIA MA	04/14/2004 09:44	
On FedEx vehicle for delivery BELTSVILLE MD	04/14/2004 08:13	
Arrived at FedEx Destination Location BELTSVILLE MD	04/14/2004 08:13	
Arrived at FedEx Ramp BALTIMORE MD	04/14/2004 07:03	
Left FedEx Sort Facility MEMPHIS TN	04/14/2004 04:07	
Arrived at Sort Facility MEMPHIS TN	04/14/2004 00:44	
Left FedEx Ramp CAROLINA PR	04/13/2004 22:49	
Left FedEx Origin Location GUAYNABO PR	04/13/2004 20:27	
Picked up by FedEx GUAYNABO PR	04/13/2004 16:57	

Disclaimer

FedEx has not validated the authenticity of any email address.

LS Counter Data Reduction Program - ESI

Instrument Data: Beckman LS-2800

Report Date: 29-Apr-04

Window: 0 ULL: 400 (Tritium)

Sample Date: 14-Apr-04

Background Data:

Bkg CPM	Count Time (min)	% Error (95% C.L.)
10.00	1.00	61.98%

Analysis By: SAK

MDA Data:

MDA (CPM) 18

MDA (DPM): 25

Sample Data:

Note: A zero reading for DPM values indicates only that the sample activity was less than the MDA.

Seq No.	Sample ID	Count Time (min)	Average H Number	CPM	Efficiency	DPM	Error (95% C.L.)
1	Wipe #1	1.00	128.0	17.00	31.3%	0	0.00%
2	2	1.00	127.0	16.00	31.6%	0	0.00%
3	3	1.00	125.0	12.00	32.1%	0	0.00%
4	4	1.00	125.0	16.00	32.1%	0	0.00%
5	5	1.00	123.0	11.00	32.6%	0	0.00%
6	6	1.00	126.0	14.00	31.8%	0	0.00%
7	7	1.00	119.0	8.00	33.5%	0	0.00%
8	8	1.00	122.0	10.00	32.8%	0	0.00%
9	9	1.00	122.0	11.00	32.8%	0	0.00%
10	10	1.00	129.0	8.00	31.1%	0	0.00%
11	11	1.00	119.0	14.00	33.5%	0	0.00%
12	12	1.00	122.0	8.00	32.8%	0	0.00%
13	13	1.00	127.0	14.00	31.6%	0	0.00%
14	14	1.00	130.0	14.00	30.8%	0	0.00%
15	15	1.00	124.0	15.00	32.3%	0	0.00%
16	16	1.00	126.0	13.00	31.8%	0	0.00%
17	17	1.00	123.0	15.00	32.6%	0	0.00%
18	18	1.00	122.0	11.00	32.8%	0	0.00%
19	19	1.00	124.0	12.00	32.3%	0	0.00%
20	20	1.00	124.0	12.00	32.3%	0	0.00%
21	21	1.00	128.0	12.00	31.3%	0	0.00%
22	22	1.00	132.0	13.00	30.3%	0	0.00%
23	23	1.00	128.0	4.00	31.3%	0	0.00%
24	24	1.00	119.0	9.00	33.5%	0	0.00%
25	25	1.00	124.0	11.00	32.3%	0	0.00%
26	26	1.00	120.0	6.00	33.3%	0	0.00%
27	27	1.00	126.0	3.00	31.8%	0	0.00%
28	28	1.00	124.0	16.00	32.3%	0	0.00%
29	29	1.00	125.0	8.00	32.1%	0	0.00%
30	Wipe #30	1.00	127.0	11.00	31.6%	0	0.00%

LS Counter Data Reduction Program - ESI

Instrument Data: Beckman LS-2800

Report Date: 29-Apr-04

Window: 401 UL: 670 (Carbon-14)

Sample Date: 14-Apr-04

Background Data:

Analysis By: SAK

Bkg CPM	Count Time (min)	% Error (95% C.L.)
11.00	1.00	59.10%

MDA Data:

MDA (CPM):

18

MDA (DPM):

28

Sample Data:

Note: A zero reading for DPM values indicates only that the sample activity was less than the MDA.

Seq No.	Sample ID	Count Time (min)	Average H Number	CPM	Efficiency	DPM	Error (95% C.L.)
1	Wipe #1	1.00	128.0	23.00	71.8%	0	0.00%
2	2	1.00	127.0	38968.00	71.9%	54179	11.22%
3	3	1.00	125.0	56.00	72.0%	62	30.75%
4	4	1.00	125.0	17.00	72.0%	0	0.00%
5	5	1.00	123.0	33.00	72.2%	30	40.95%
6	6	1.00	126.0	37988.00	72.0%	52764	11.23%
7	7	1.00	119.0	9.00	72.5%	0	0.00%
8	8	1.00	122.0	12.00	72.3%	0	0.00%
9	9	1.00	122.0	34333.00	72.3%	47502	11.23%
10	10	1.00	129.0	55.00	71.8%	61	31.04%
11	11	1.00	119.0	78.00	72.5%	92	26.21%
12	12	1.00	122.0	23465.00	72.3%	32461	11.25%
13	13	1.00	127.0	48.00	71.9%	51	33.30%
14	14	1.00	130.0	35454.00	71.7%	49439	11.23%
15	15	1.00	124.0	14.00	72.1%	0	0.00%
16	16	1.00	126.0	23433.00	72.0%	32542	11.25%
17	17	1.00	123.0	11.00	72.2%	0	0.00%
18	18	1.00	122.0	41.00	72.3%	42	36.24%
19	19	1.00	124.0	13.00	72.1%	0	0.00%
20	20	1.00	124.0	12320.00	72.1%	17069	11.32%
21	21	1.00	128.0	8.00	71.8%	0	0.00%
22	22	1.00	132.0	13.00	71.5%	0	0.00%
23	23	1.00	128.0	37611.00	71.8%	52343	11.23%
24	24	1.00	119.0	54.00	72.5%	59	31.33%
25	25	1.00	124.0	7.00	72.1%	0	0.00%
26	26	1.00	120.0	34322.00	72.4%	47397	11.23%
27	27	1.00	126.0	29.00	72.0%	0	0.00%
28	28	1.00	124.0	15.00	72.1%	0	0.00%
29	29	1.00	125.0	77.00	72.0%	92	26.37%
30	Wipe #30	1.00	127.0	8.00	71.9%	0	0.00%

LS Counter Data Reduction Program - ESI

Instrument Data: Beckman LS-2800

Report Date: 29-Apr-04

Window: 671 UL: 1000 (Phosphorus-32)

Sample Date: 14-Apr-04

Background Data:

Analysis By: SAK

Bkg CPM	Count Time (min)	% Error (95% C.L.)
10.00	1.00	61.98%

MDA Data:

MDA (CPM):

18

MDA (DPM):

22

Sample Data:

Note: A zero reading for DPM values indicates only that the sample activity was less than the MDA.

Seq No.	Sample ID	Count Time (min)	Average H Number	CPM	Efficiency	DPM	Error (95% C.L.)
1	Wipe #1	1.00	128.0	11.00	81.7%	0	0.00%
2	2	1.00	127.0	17.00	81.7%	0	0.00%
3	3	1.00	125.0	16.00	81.6%	0	0.00%
4	4	1.00	125.0	10.00	81.6%	0	0.00%
5	5	1.00	123.0	10.00	81.6%	0	0.00%
6	6	1.00	126.0	12.00	81.7%	0	0.00%
7	7	1.00	119.0	20.00	81.6%	0	0.00%
8	8	1.00	122.0	9.00	81.6%	0	0.00%
9	9	1.00	122.0	13.00	81.6%	0	0.00%
10	10	1.00	129.0	9.00	81.7%	0	0.00%
11	11	1.00	119.0	14.00	81.6%	0	0.00%
12	12	1.00	122.0	15.00	81.6%	0	0.00%
13	13	1.00	127.0	14.00	81.7%	0	0.00%
14	14	1.00	130.0	13.00	81.7%	0	0.00%
15	15	1.00	124.0	8.00	81.6%	0	0.00%
16	16	1.00	126.0	7.00	81.7%	0	0.00%
17	17	1.00	123.0	10.00	81.6%	0	0.00%
18	18	1.00	122.0	11.00	81.6%	0	0.00%
19	19	1.00	124.0	13.00	81.6%	0	0.00%
20	20	1.00	124.0	9.00	81.6%	0	0.00%
21	21	1.00	128.0	9.00	81.7%	0	0.00%
22	22	1.00	132.0	10.00	81.7%	0	0.00%
23	23	1.00	128.0	6.00	81.7%	0	0.00%
24	24	1.00	119.0	10.00	81.6%	0	0.00%
25	25	1.00	124.0	12.00	81.6%	0	0.00%
26	26	1.00	120.0	15.00	81.6%	0	0.00%
27	27	1.00	126.0	10.00	81.7%	0	0.00%
28	28	1.00	124.0	16.00	81.6%	0	0.00%
29	29	1.00	125.0	11.00	81.6%	0	0.00%
30	Wipe #30	1.00	127.0	13.00	81.7%	0	0.00%

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED:

Catholic University
Ponce, PR
REPORT 1006-001

2. NRC/REGIONAL OFFICE

REGION I
US NUCLEAR REGULATORY COMMISSION
475 ALLENDALE ROAD
KING OF PRUSSIA, PENNSYLVANIA 19406-1415

3. DOCKET NUMBER(S)

30-19921

4. LICENSEE NUMBER(S)

57-13508-03

5. DATE(S) OF INSPECTION

3/23/06

LICENSEE:

The inspection was an examination of the activities conducted under your license as they relate to radiation safety and to compliance with the Nuclear Regulatory Commission (NRC) rules and regulations and the conditions of your license. The inspection consisted of selective examinations of procedures and representative records, interviews with personnel, and observations by the inspector. The inspection findings are as follows:



1. Based on the inspection findings, no violations were identified.



2. Previous violation(s) closed.



3. The violation(s), specifically described to you by the inspector as non-cited violations, are not being cited because they were self-identified, non-repetitive, and corrective action was or is being taken, and the remaining criteria in the NRC Enforcement Policy, NUREG-1600, to exercise discretion, were satisfied.

Non-Cited Violation(s) was/were discussed involving the following requirement(s) and Corrective Action(s):



4. During this inspection certain of your activities, as described below and/or attached, were in violation of NRC requirements and are being cited. This form is a NOTICE OF VIOLATION, which may be subject to posting in accordance with 10 CFR 19.11.

(Violations and Corrective Actions)

Licensee's Statement of Corrective Actions for Item 4, above.

I hereby state that, within 30 days, the actions described by me to the inspector will be taken to correct the violations identified. This statement of corrective actions is made in accordance with the requirements of 10 CFR 2.201 (corrective steps already taken, corrective steps which will be taken, date when full compliance will be achieved). I understand that no further written response to NRC will be required, unless specifically requested.

Title

Printed Name

Signature

Date

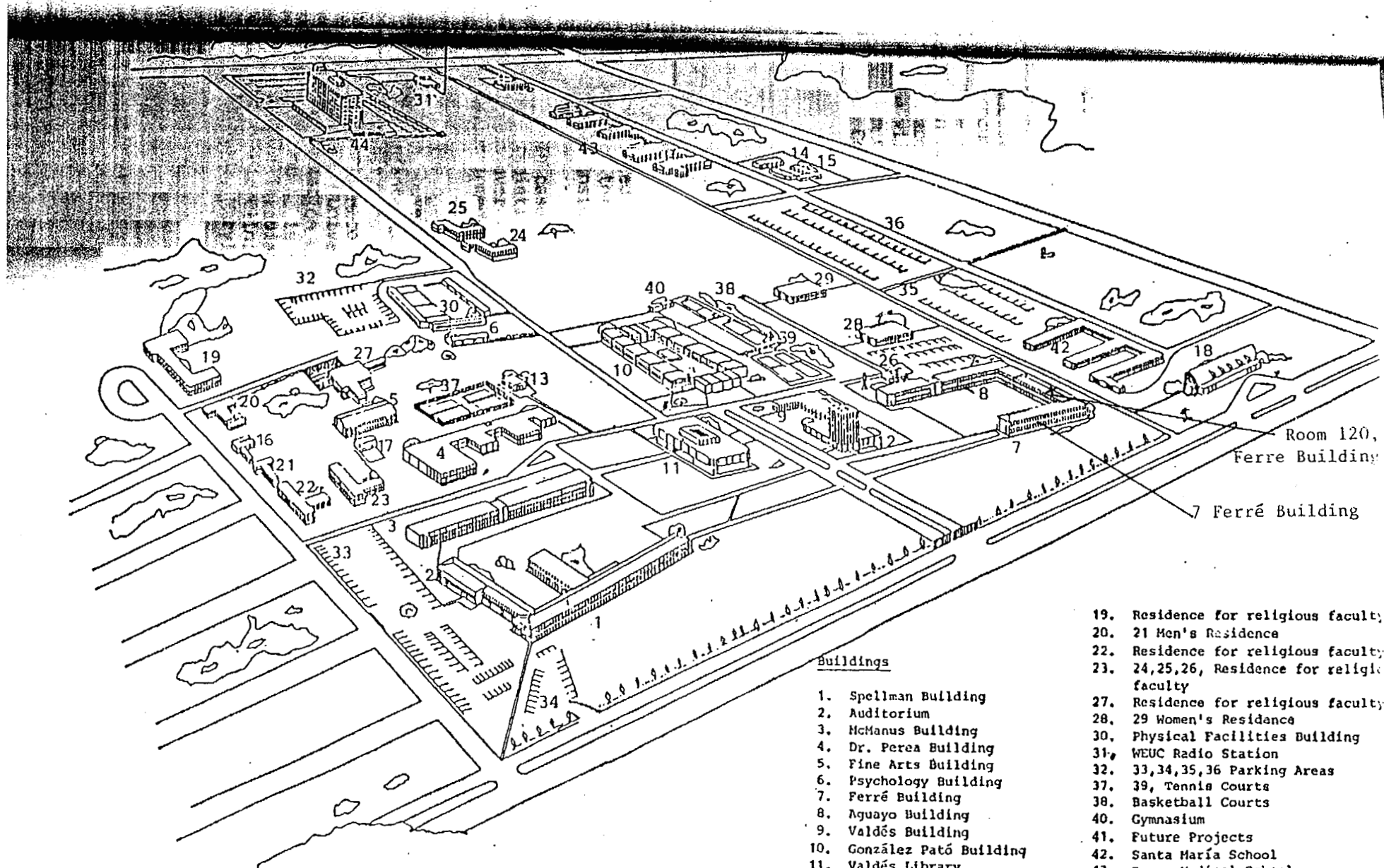
LICENSEE'S
REPRESENTATIVE

NRC INSPECTOR

Hector Bermudez

[Signature]

3/23/06

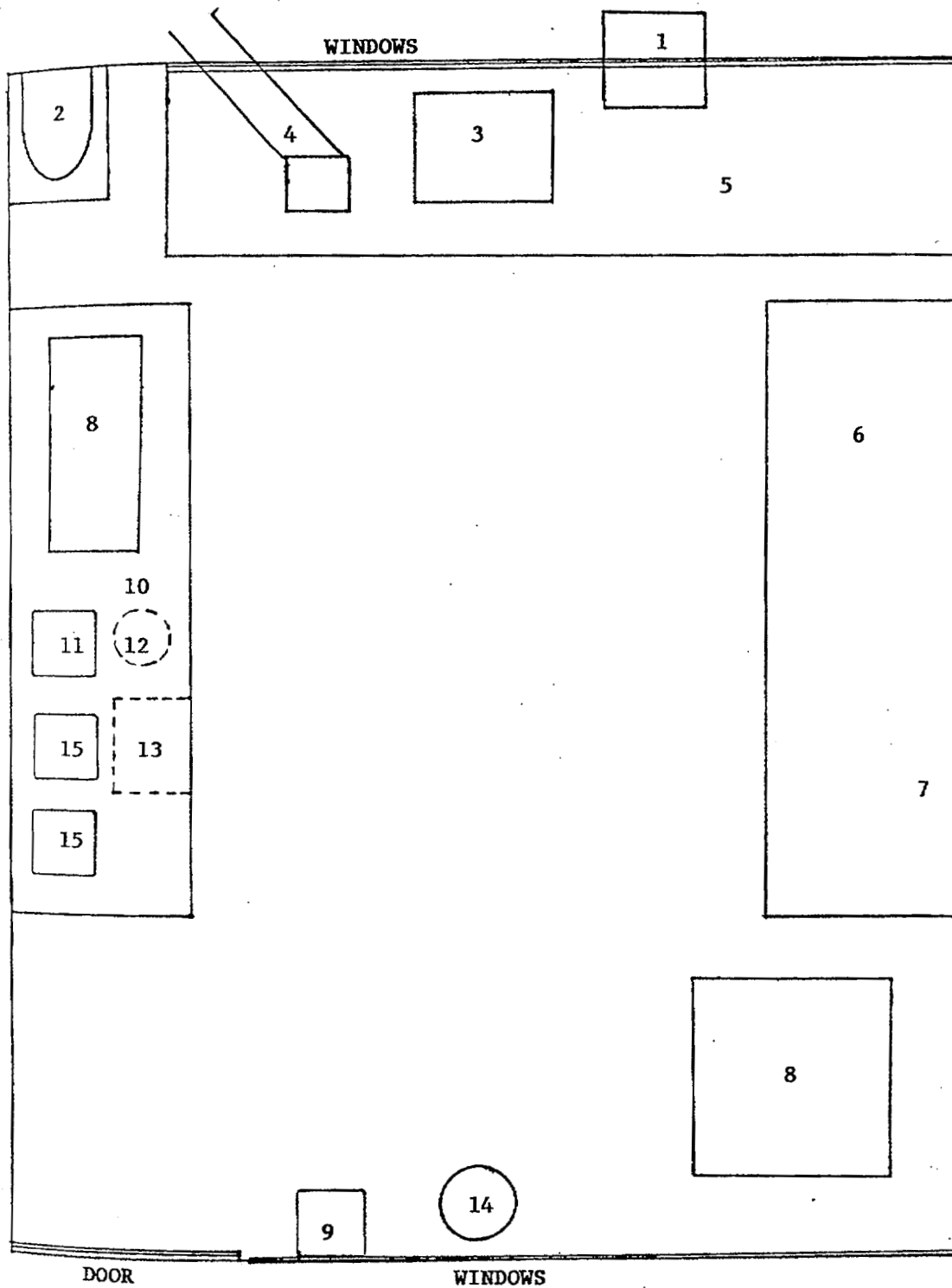


Buildings

1. Spellman Building
2. Auditorium
3. McManus Building
4. Dr. Perea Building
5. Fine Arts Building
6. Psychology Building
7. Ferré Building
8. Aguayo Building
9. Valdés Building
10. González Pató Building
11. Valdés Library
12. Administration Building
13. Music Pavillion
14. Medical Technology
15. ICE (Casal)
16. Home Economics Building
17. Physical Education (Roman)
18. Santa María Reina Church

19. Residence for religious faculty
20. 21 Men's Residence
22. Residence for religious faculty
23. 24, 25, 26, Residence for religious faculty
27. Residence for religious faculty
28. 29 Women's Residence
30. Physical Facilities Building
31. WEUC Radio Station
32. 33, 34, 35, 36 Parking Areas
37. 39, Tennis Courts
38. Basketball Courts
40. Gymnasium
41. Future Projects
42. Santa María School
43. Ponce Medical School
44. Damas Hospital

Facilities



FE. 119 ROOM FERRE BUILDING-CATHOLIC UNIVERSITY OF P. R.

9. Facilities and Equipment

Description of Facilities in Room Fe. 119

1. Air conditioner
2. Water and wash basset
3. Cabinet
4. Air flow extractor
5. Desk and Microcomputer
6. High performance chromatograph liquid
7. Radiochromatography Scanner
8. Nuclear Magnetic Resonance Spectrometer
9. Cabinet
10. Table
11. Radiation counter-Nuclear Chicago
12. Radioactive waste trash container
13. Lead brick container for radioactive material (2.5 inches thick)
14. Radition Decontamination Kit No. 121-180
15. Paper chromatography chambers

Additional Equipment

Geiger Muller Model 34 Counter from Nuclear Chicago
Scintillation Model 412 Counter from Nuclear Chicago
Cutie Pie 740F from Victoreem
Mini Monitor-35 from Victoreem

FERRE BUILDING
Room 120

