



Celgene Corporation
86 Morris Avenue
Summit, New Jersey 07901
Tel 908-673-9000
Fax 908-673-9001

April 28, 2006
U.S. Nuclear Regulatory Commission
Region 1
Attn: Dennis Lawyer
475 Allendale Road
King of Prussia, PA 19406

Re: Mail Control No.: 138255, License No.: 29-28056-01

Dear Mr. Lawyer:

In response to your e-mail dated February 13, 2006, requesting further information, our response is as follows:

1. Numerous physical inspections of the Warren site have confirmed that there are no licensed radioactive materials remaining at the Warren site.
2. As per the conversation with Michael Conroy, the requested document, NRC Form 314, is submitted with this letter.
3. In support of an environmental assessment related to the release of the facility, the following information is provided:
 - a) Name of facility to be released: Celgene Corporation, Warren NJ.
 - b) Size of building: 38,500 sq. ft.
 - c) Type of building use: "Administrative office and laboratory".
 - d) Surrounding area description: "Light industrial"
 - e) General type of activities authorized by the license: "Laboratory procedures typically performed on bench tops and hoods"
4. The negative bias in Celgene H-3 and C-14 wipe samples was caused by the background being inadvertently subtracted two times. I have attached the correspondence with Philotechnics with their explanation and the corrected wipe test data (Appendix A).

Thank you for your continued attention to our request. If you have any further questions, please do not hesitate to contact Mr. Michael Conroy, RSO, at 908-673-9506.

Sincerely,

David Stirling
Chief Scientific Officer
EVP Pharma R&D

138255
NMOS/RONI MATERIALS-002

RECEIVED
REGION 1

2006 MAY -9 PM 12:16

MS16
J-6
03030074

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 infocollect@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

Celgene Corporation
86 Morris Avenue
Summit, NJ 07901

LICENSE NUMBER

29-28056-01

DOCKET NUMBER

03030074

LICENSE EXPIRATION DATE

☐ This license has expired. ☐ This license has not yet expired; please terminate it. ☒ Terminate Warren Site from license

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: Remaining radioactive materials transferred from Warren Site to Summit Site of our license #29-28056-01.
- ☒ b. Disposal of radioactive materials:
- ☐ 1. Directly by the licensee: Date of transfer: 9/30/05
- ☐ 2. By licensed disposal site: Licensee contact: Michael Conroy (908) 673-9506
- ☒ 3. By waste contractor: Onyx Environmental Services
1 Eden Lane
Flanders, NJ 07836
(973) 691-3966
- ☒ 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); or ☒ c. was forwarded to NRC on: 1/17/06
- ☐ 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 Michael Conroy	TITLE Radiation Safety Officer	TELEPHONE (Include Area Code) (908) 673-9506	E-MAIL ADDRESS mconroy@celgene.com
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Mail all future correspondence regarding this license to:

C. CERTIFYING OFFICIAL

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

PRINTED NAME AND TITLE David Sterling, CSO Executive Vice President R&D	SIGNATURE 	DATE 5/2/06
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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.

4. The Celgene H-3 and C-14 wipe samples appear to have a negative bias. All of the smear counts had readings less than background. Please discuss the cause of this bias in the counting.

We have looked at the data and information from the liquid scintillation counter and have determined that background was inadvertently subtracted two times. Background was subtracted once based on the counter's protocol and again during data manipulation for Appendix A. The corrected wipe test data set is included as Appendix A. Analyses of the results still indicate the recorded values are below the minimum detectable concentration for the isotopes in question.

Attachment

APPENDIX A

Room	Location	Beta - ³ H		Beta - ¹⁴ C		Result
		Gross CPM	DPM/100cm ²	Gross CPM	DPM/100cm ²	
Chemical Storage	1	20	0	<MDC	26	<MDC
Chemical Storage	2	20	0	<MDC	26	<MDC
Chemical Storage	3	20	0	<MDC	26	<MDC
Chemical Storage	4	20	0	<MDC	26	<MDC
Chemical Storage	5	20	0	<MDC	26	<MDC
Chemical Storage	6	25	8	<MDC	26	<MDC
Chemical Storage	7	28	12	<MDC	26	<MDC
Chemical Storage	8	20	0	<MDC	26	<MDC
Chemical Storage	9	26	9	<MDC	26	<MDC
Chemical Storage	10	20	0	<MDC	26	<MDC
Chemical Storage	11	24	6	<MDC	26	<MDC
Chemical Storage	12	21	2	<MDC	26	<MDC
Chemical Storage	13	27	11	<MDC	26	<MDC
Chemical Storage	14	20	0	<MDC	26	<MDC
Chemical Storage	15	20	0	<MDC	26	<MDC
Chemical Storage	16	28	12	<MDC	26	<MDC
Chemical Storage	17	20	0	<MDC	27	1
Chemical Storage	18	23	5	<MDC	26	<MDC
Dark Room	1	20	0	<MDC	26	<MDC
Dark Room	2	20	0	<MDC	26	<MDC
Dark Room	3	20	0	<MDC	26	<MDC
Dark Room	4	20	0	<MDC	26	<MDC
Dark Room	5	20	0	<MDC	26	<MDC
Dark Room	6	20	0	<MDC	26	<MDC
Dark Room	7	20	0	<MDC	26	<MDC
Dark Room	8	20	0	<MDC	26	<MDC
Dark Room	9	20	0	<MDC	26	<MDC
Dark Room	10	21	2	<MDC	26	<MDC
Dark Room	11	20	0	<MDC	26	<MDC
Dark Room	12	20	0	<MDC	26	<MDC
Dark Room	13	24	6	<MDC	26	<MDC
Dark Room	14	21	2	<MDC	26	<MDC
Dark Room	15	20	0	<MDC	26	<MDC
Dark Room	16	24	6	<MDC	26	<MDC
Dark Room	17	20	0	<MDC	26	<MDC
Dark Room	18	20	0	<MDC	26	<MDC
Dark Room	19	20	0	<MDC	26	<MDC
Lab Room 14	1	20	0	<MDC	26	<MDC
Lab Room 14	2	24	6	<MDC	26	<MDC
Lab Room 14	3	20	0	<MDC	26	<MDC
Lab Room 14	4	20	0	<MDC	26	<MDC
Lab Room 14	5	20	0	<MDC	26	<MDC
Lab Room 14	6	20	0	<MDC	26	<MDC
Lab Room 14	7	21	2	<MDC	26	<MDC
Lab Room 14	8	20	0	<MDC	26	<MDC
Lab Room 14	9	24	6	<MDC	26	<MDC
Lab Room 14	10	20	0	<MDC	26	<MDC
Lab Room 14	11	24	6	<MDC	26	<MDC
Lab Room 14	12	20	0	<MDC	26	<MDC
Lab Room 14	13	20	0	<MDC	26	<MDC
Lab Room 14	14	20	0	<MDC	26	<MDC
Lab Room 14	15	21	2	<MDC	26	<MDC
Lab Room 14	16	20	0	<MDC	26	<MDC
Lab Room 14	17	20	0	<MDC	26	<MDC
Lab Room 14	18	20	0	<MDC	26	<MDC
Lab Room 14	19	22	3	<MDC	26	<MDC

Room	Location	Beta - ^3H		Beta - ^{14}C		Result
		Gross CPM	DPM/100cm 2	Gross CPM	DPM/100cm 2	
Lab Room 15	1	20	0	<MDC	26	<MDC
Lab Room 15	2	20	0	<MDC	26	<MDC
Lab Room 15	3	20	0	<MDC	26	<MDC
Lab Room 15	4	20	0	<MDC	26	<MDC
Lab Room 15	5	20	0	<MDC	26	<MDC
Lab Room 15	6	20	0	<MDC	26	<MDC
Lab Room 15	7	20	0	<MDC	26	<MDC
Lab Room 15	8	20	0	<MDC	26	<MDC
Lab Room 15	9	20	0	<MDC	26	<MDC
Lab Room 15	10	20	0	<MDC	26	<MDC
Lab Room 15	11	21	2	<MDC	26	<MDC
Lab Room 15	12	20	0	<MDC	26	<MDC
Lab Room 15	13	20	0	<MDC	26	<MDC
Lab Room 15	14	20	0	<MDC	26	<MDC
Lab Room 15	15	20	0	<MDC	26	<MDC
Lab Room 105	1	20	0	<MDC	26	<MDC
Lab Room 105	2	21	2	<MDC	26	<MDC
Lab Room 105	3	20	0	<MDC	26	<MDC
Lab Room 105	4	20	0	<MDC	26	<MDC
Lab Room 105	5	27	11	<MDC	26	<MDC
Lab Room 105	6	20	0	<MDC	26	<MDC
Lab Room 105	7	20	0	<MDC	26	<MDC
Lab Room 105	8	20	0	<MDC	26	<MDC
Lab Room 105	9	20	0	<MDC	26	<MDC
Lab Room 105	10	22	3	<MDC	26	<MDC
Lab Room 105	11	21	2	<MDC	26	<MDC
Lab Room 105	12	20	0	<MDC	26	<MDC
Lab Room 105	13	20	0	<MDC	26	<MDC
Lab Room 105	14	20	0	<MDC	26	<MDC
Lab Room 105	15	21	2	<MDC	26	<MDC
Lab Room 105	16	20	0	<MDC	26	<MDC
Lab Room 105	17	20	0	<MDC	26	<MDC
Lab Room 105	18	22	3	<MDC	26	<MDC
Lab Room 105	19	20	0	<MDC	26	<MDC
Lab Room 105	20	20	0	<MDC	26	<MDC
Lab Room 105	21	20	0	<MDC	26	<MDC
Lab Room 106	1	22	3	<MDC	26	<MDC
Lab Room 106	2	26	9	<MDC	26	<MDC
Lab Room 106	3	20	0	<MDC	26	<MDC
Lab Room 106	4	20	0	<MDC	26	<MDC
Lab Room 106	5	20	0	<MDC	26	<MDC
Lab Room 106	6	20	0	<MDC	26	<MDC
Lab Room 106	7	20	0	<MDC	26	<MDC
Lab Room 106	8	20	0	<MDC	26	<MDC
Lab Room 106	9	20	0	<MDC	26	<MDC
Lab Room 106	10	20	0	<MDC	26	<MDC
Lab Room 106	11	20	0	<MDC	26	<MDC
Lab Room 106	12	20	0	<MDC	26	<MDC
Lab Room 106	13	20	0	<MDC	26	<MDC
Lab Room 106	14	20	0	<MDC	26	<MDC

Room	Location	Beta - ³ H		Beta - ¹⁴ C			
		Gross CPM	DPM/100cm ²	Result	Gross CPM	DPM/100cm ²	Result
Lab Room 18A	1	20	0	<MDC	26	0	<MDC
Lab Room 18A	2	20	0	<MDC	26	0	<MDC
Lab Room 18A	3	20	0	<MDC	26	0	<MDC
Lab Room 18A	4	20	0	<MDC	26	0	<MDC
Lab Room 18A	5	20	0	<MDC	26	0	<MDC
Lab Room 18A	6	20	0	<MDC	26	0	<MDC
Lab Room 18A	7	20	0	<MDC	26	0	<MDC
Lab Room 18A	8	20	0	<MDC	26	0	<MDC
Lab Room 18A	9	20	0	<MDC	26	0	<MDC
Lab Room 18A	10	20	0	<MDC	26	0	<MDC
Lab Room 18A	11	23	5	<MDC	26	0	<MDC
Lab Room 18A	12	20	0	<MDC	26	0	<MDC
Lab Room 18A	13	20	0	<MDC	26	0	<MDC
Lab Room 18A	14	20	0	<MDC	26	0	<MDC
Lab Room 18A	15	20	0	<MDC	26	0	<MDC
Lab Room 18A	16	20	0	<MDC	26	0	<MDC
Lab Room 18A	17	20	0	<MDC	26	0	<MDC
Lab Room 18A	18	21	2	<MDC	26	0	<MDC
Lab Room 18A	19	20	0	<MDC	26	0	<MDC
Lab Room 20	1	20	0	<MDC	26	0	<MDC
Lab Room 20	2	21	2	<MDC	26	0	<MDC
Lab Room 20	3	20	0	<MDC	26	0	<MDC
Lab Room 20	4	22	3	<MDC	26	0	<MDC
Lab Room 20	5	20	0	<MDC	26	0	<MDC
Lab Room 20	6	20	0	<MDC	26	0	<MDC
Lab Room 20	7	20	0	<MDC	26	0	<MDC
Lab Room 20	8	20	0	<MDC	26	0	<MDC
Lab Room 20	9	22	3	<MDC	26	0	<MDC
Lab Room 20	10	20	0	<MDC	26	0	<MDC
Lab Room 20	11	20	0	<MDC	26	0	<MDC
Lab Room 20	12	20	0	<MDC	26	0	<MDC
Lab Room 20	13	20	0	<MDC	26	0	<MDC
Lab Room 20	14	29	14	<MDC	26	0	<MDC
Lab Room 113	1	20	0	<MDC	26	0	<MDC
Lab Room 113	2	21	2	<MDC	26	0	<MDC
Lab Room 113	3	20	0	<MDC	26	0	<MDC
Lab Room 113	4	25	8	<MDC	26	0	<MDC
Lab Room 113	5	20	0	<MDC	26	0	<MDC
Lab Room 113	6	21	2	<MDC	26	0	<MDC
Lab Room 113	7	27	11	<MDC	26	0	<MDC
Lab Room 113	8	20	0	<MDC	26	0	<MDC
Lab Room 113	9	20	0	<MDC	26	0	<MDC
Lab Room 113	10	25	8	<MDC	26	0	<MDC
Lab Room 113	11	23	5	<MDC	26	0	<MDC
Lab Room 113	12	23	5	<MDC	26	0	<MDC
Lab Room 113	13	20	0	<MDC	26	0	<MDC
Lab Room 113	14	20	0	<MDC	26	0	<MDC
Lab Room 113	15	20	0	<MDC	26	0	<MDC
Waste Room Cage	1	25	8	<MDC	26	0	<MDC
Waste Room Cage	2	29	14	<MDC	26	0	<MDC
Waste Room Cage	3	31	17	<MDC	26	0	<MDC
Waste Room Cage	4	20	0	<MDC	26	0	<MDC
Waste Room Cage	5	20	0	<MDC	26	0	<MDC
Waste Room Cage	6	20	0	<MDC	26	0	<MDC
Waste Room Cage	7	25	8	<MDC	26	0	<MDC
Waste Room Cage	8	24	6	<MDC	26	0	<MDC
Waste Room Cage	9	20	0	<MDC	26	0	<MDC
Waste Room Cage	10	20	0	<MDC	26	0	<MDC
Waste Room Cage	11	21	2	<MDC	26	0	<MDC
Waste Room Cage	12	20	0	<MDC	26	0	<MDC
Waste Room Cage	13	20	0	<MDC	26	0	<MDC
Waste Room Cage	14	20	0	<MDC	26	0	<MDC

Room	Location	Beta - ³ H		Beta - ¹⁴ C			
		Gross CPM	DPM/100cm ²	Result	Gross CPM	DPM/100cm ²	Result
Hallway	1	20	0	<MDC	26	0	<MDC
Hallway	2	20	0	<MDC	26	0	<MDC
Hallway	3	22	3	<MDC	26	0	<MDC
Hallway	4	24	6	<MDC	26	0	<MDC
Hallway	5	20	0	<MDC	26	0	<MDC
Hallway	6	20	0	<MDC	26	0	<MDC
Hallway	7	20	0	<MDC	26	0	<MDC
Hallway	8	20	0	<MDC	26	0	<MDC
Hallway	9	20	0	<MDC	26	0	<MDC
Hallway	10	21	2	<MDC	26	0	<MDC
Hallway	11	20	0	<MDC	26	0	<MDC
Hallway	12	24	6	<MDC	26	0	<MDC
Hallway	13	20	0	<MDC	26	0	<MDC
Hallway	14	22	3	<MDC	28	2	<MDC
Systems							
Exhaust Vent	Rm 14	20	0	<MDC	26	0	<MDC
Exhaust Vent	Rm 14	20	0	<MDC	26	0	<MDC
Exhaust Vent	Rm 105	20	0	<MDC	26	0	<MDC
Exhaust Vent	Rm 106	20	0	<MDC	26	0	<MDC
Exhaust Vent	Rm 113	20	0	<MDC	26	0	<MDC
Exhaust Vent	Dark Room	26	9	<MDC	26	0	<MDC
Rm 113	Under Sink	20	0	<MDC	26	0	<MDC
Rm 113	Under Sink	20	0	<MDC	26	0	<MDC
Rm 113	In Fume Hood	20	0	<MDC	26	0	<MDC
Rm 113	In Fume Hood	21	2	<MDC	26	0	<MDC
Rm 113	Counter	20	0	<MDC	26	0	<MDC
Rm 113	Counter	24	6	<MDC	26	0	<MDC
Rm 113	Counter	20	0	<MDC	26	0	<MDC
Rm 113	Counter	20	0	<MDC	26	0	<MDC
Rm 113	Counter	20	0	<MDC	26	0	<MDC
Rm 113	Counter	27	11	<MDC	26	0	<MDC
Rm 113	Counter	20	0	<MDC	26	0	<MDC
Rm 14	Trap	29	14	<MDC	26	0	<MDC
Rm 15	Trap	20	0	<MDC	26	0	<MDC
Rm 105	Trap	20	0	<MDC	26	0	<MDC
Rm 105	Trap	20	0	<MDC	27	1	<MDC
Rm 106	Trap	20	0	<MDC	26	0	<MDC
Rm 106	Trap	20	0	<MDC	26	0	<MDC
Dark Room	Trap	20	0	<MDC	26	0	<MDC
Rm 113	Trap	22	3	<MDC	26	0	<MDC
Rm 113	Trap	20	0	<MDC	26	0	<MDC
Rm 14	Light Switch	20	0	<MDC	26	0	<MDC
Rm 15	Light Switch	20	0	<MDC	26	0	<MDC
Rm 105	Light Switch	23	5	<MDC	26	0	<MDC
Rm 106	Light Switch	20	0	<MDC	26	0	<MDC
Rm 18A	Light Switch	20	0	<MDC	26	0	<MDC
Rm 113	Light Switch	20	0	<MDC	26	0	<MDC
Hallway	Light Switch	20	0	<MDC	26	0	<MDC
Hallway	Light Switch	20	0	<MDC	26	0	<MDC
Hallway	Light Switch	20	0	<MDC	26	0	<MDC
Hallway	Light Switch	20	0	<MDC	26	0	<MDC
Dark Room	Light Switch	20	0	<MDC	26	0	<MDC

		Beta - ³ H		Beta - ¹⁴ C			
Room	Location	Gross CPM	DPM/100cm ²	Result	Gross CPM	DPM/100cm ²	Result
Hallway	Telephone	20	0	<MDC	26	0	<MDC
Hallway	Telephone	20	0	<MDC	26	0	<MDC
Hallway	Telephone	20	0	<MDC	26	0	<MDC
Hallway	Telephone	29	14	<MDC	26	0	<MDC
Rm 14	Sink Drain	21	2	<MDC	26	0	<MDC
Rm 15	Sink Drain	20	0	<MDC	26	0	<MDC
Rm 105	Sink Drain	20	0	<MDC	26	0	<MDC
Rm 105	Sink Drain	23	5	<MDC	26	0	<MDC
Rm 105	Fume Drain	20	0	<MDC	26	0	<MDC
Rm 105	Floor Drain	20	0	<MDC	26	0	<MDC
Rm 106	Sink Drain	20	0	<MDC	26	0	<MDC
Rm 106	Sink Drain	20	0	<MDC	26	0	<MDC
Rm 106	Fume Drain	25	8	<MDC	26	0	<MDC
Rm 113	Sink Drain	20	0	<MDC	26	0	<MDC
Rm 113	Sink Drain	20	0	<MDC	26	0	<MDC
Rm 113	Fume Drain	20	0	<MDC	26	0	<MDC
Rm 106	Floor Drain	20	0	<MDC	26	0	<MDC
Rm 113	Floor Drain	20	0	<MDC	26	0	<MDC
Dark Room	Sink Drain	20	0	<MDC	26	0	<MDC
Rm 105	In Fume Hood	20	0	<MDC	26	0	<MDC
Rm 105	In Fume Hood	21	2	<MDC	26	0	<MDC
Rm 105	Under Sink	20	0	<MDC	26	0	<MDC
Rm 105	Counter	20	0	<MDC	26	0	<MDC
Rm 105	Under Sink	20	0	<MDC	26	0	<MDC
Rm 105	Under Sink	22	3	<MDC	26	0	<MDC
Underdeveloped Area	Behind Shelf	20	0	<MDC	26	0	<MDC
Underdeveloped Area	Floor	25	8	<MDC	26	0	<MDC
Underdeveloped Area	Under Shelf	20	0	<MDC	26	0	<MDC
Underdeveloped Area	Shelf	20	0	<MDC	26	0	<MDC
Rm 106	In Fume Hood	22	3	<MDC	26	0	<MDC
Rm 106	Counter	20	0	<MDC	26	0	<MDC
Rm 106	Counter	20	0	<MDC	26	0	<MDC
Rm 106	Under Sink	20	0	<MDC	26	0	<MDC
Rm 106	Under Sink	20	0	<MDC	26	0	<MDC