



SRI International
Menlo Park, CA

22 August 2011

US Nuclear Regulatory Commission
NRC Region I
Division of Nuclear Material Safety
Licensing Assistance Team
475 Allendale Road
King of Prussia, PA 19406-1415

Br. 2

RECEIVED
REGION I
2011 AUG 26 PM 12:25

(term)

03036633

Subject: Request for Change of Control of Specific License NRC 31-30936-01

Dear Sir:

Cornell University, Ithaca, NY currently holds NRC byproduct material license 31-30936-01 which allows for possession and use of a Carbon-14 sealed source at the Arecibo Observatory, Esperanza, Puerto Rico.

Following nearly five decades of directing the world's largest single-dish telescope, Cornell University lost its multi-million dollar bid to continue operating Arecibo Observatory. As of 1 October 2011 the site's management will change to SRI International.

SRI International herein requests a change-of-control, effective on 1 October 2011, for the NRC license covering the Arecibo Observatory in Puerto Rico. **The licensee** will be:

SRI International
201 Washington Road
Princeton, NJ 08543-5300

(New)
(29-31450-01)

LL 31450
03038482

03124

REC'D IN LAT_ 8/20/11

SRI International

333 Ravenswood Avenue • Menlo Park, California 94025-3493 • 650.859.2000

1

575891/575892
NMSS/RGN1 MATERIALS-002

Please change the **license administrator** for receipt of all communications from the NRC to:

SRI International
Attn. Eric Johnson
Environmental Health & Safety
201 Washington Road
Princeton, NJ 08543-5300

Please change the **Radiation Safety Officer (RSO)** to:

Wesley R. Van Pelt, PhD, CIH, CHP
SRI International
Environmental Health & Safety
201 Washington Road
Princeton, NJ 08543-5300

Dr. Van Pelt is a Certified Health Physicist (CHP) and is qualified to be the RSO for this byproduct material license. He is a consultant to SRI International in radiation safety. His statement of training and experience is attached.

We reference NRC guidance document, "NUREG – 1556, Vol. 15, Consolidated Guidance About Materials Licenses, Guidance About Changes of Control and About Bankruptcy Involving Byproduct, Source, or Special Nuclear Materials Licenses," and provide itemized information listed below.

1. Provide a complete description of the transaction (transfer of stocks or assets, or merger). Indicate whether the name has changed and include the new name. Include the name and telephone number of a licensee contact who NRC may contact if more information is needed.

On 1 October 2011 SRI International will take over the contract to manage the Arecibo Observatory in Esperanza, Puerto Rico. For more information NRC may contact the proposed new RSO:

Wesley R. Van Pelt, PhD, CIH, CHP
SRI International
Environmental Health & Safety
201 Washington Road

Princeton, NJ 08543-5300
201-446-3990 (cell)

For information on the control and business relationship between Arecibo Observatory and SRI International NRC may contact:

Eric Winter, CIH
Director, Environmental Health & Safety
SRI International
333 Ravenswood Avenue
Menlo Park, California 94025-3493
(650) 859-2556

2. Describe any changes in personnel or duties that relate to the licensed program. Include training and experience for new personnel.

As of 1 October 2011 Cornell University will no longer have any management responsibility for the NRC licensed material at the Arecibo Observatory. The new RSO will be Wesley R. Van Pelt, PhD, CIH, CHP.

The current radiation user at the Arecibo Observatory site, Dr. Craig Tepley, will remain unchanged. Dr. Tepley will have the same duties and responsibilities as previously.

Also, please **add** Wesley R. Van Pelt to the license to use and supervise the use of licensed material.

3. Describe any changes in the organization, location, facilities, equipment or procedures that relate to the licensed program.

There will be no changes in location, facilities, equipment or procedures.

The organization will change in that many site personnel who had been employed by Cornell University will become employed by SRI International, including the Director of the Arecibo Observatory and the site's Manager of Environmental Health & Safety.

4. Describe the status of the surveillance program (surveys, wipe tests, quality control) at the present time and the expected status at the time that control is to be transferred.

The surveillance program, primarily leak testing and inventory of sealed source, is current and is expected to be current at the time of transfer.

A review of the semi-annual leak test reports from 2007 to 2011 indicates no leakage of radioactivity from the sealed source.

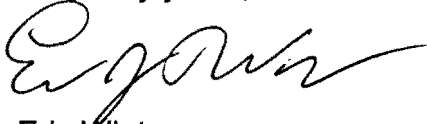
5. Confirm that all records concerning the safe and effective decommissioning of the facility will be transferred to the transferee or to NRC, as appropriate. These records include documentation of surveys of ambient radiation levels and fixed and/or removable contamination, including methods and sensitivity.

Records of sealed source inventory and leak testing from 2007 to present, license and supporting document, and the 2005 NRC inspection result have been transferred to SRI International.

6. Confirm that the transferee will abide by all constraints, conditions, requirements and commitments of the transferor or that the transferee will submit a complete description of the proposed licensed program.

The transferee (SRI International) will abide by all constraints, conditions, requirements and commitments of the transferor (Cornell University).

Very truly yours,

A handwritten signature in black ink, appearing to read 'Eric Winter', written over a horizontal line.

Eric Winter
Director, Environmental Health & Safety
SRI International

Cc

Wesley R. Van Pelt, PhD, CIH, CHP, consultant to SRI International
Robert Kerr, Director Arecibo Observatory, SRI International
James R. Grieger, Cornell University

STATEMENT of TRAINING and EXPERIENCE

Name: **Wesley R. Van Pelt, Ph.D., CIH, CHP**

Formal Courses on Radiation Safety and Radioisotope Technology:

Please list all educational and training courses which included principles and practices of radiation protection, radioactivity measurements, radiation monitoring techniques, and/or biological effects of radiation. (Include college courses, radiation safety training lectures, and short courses.)

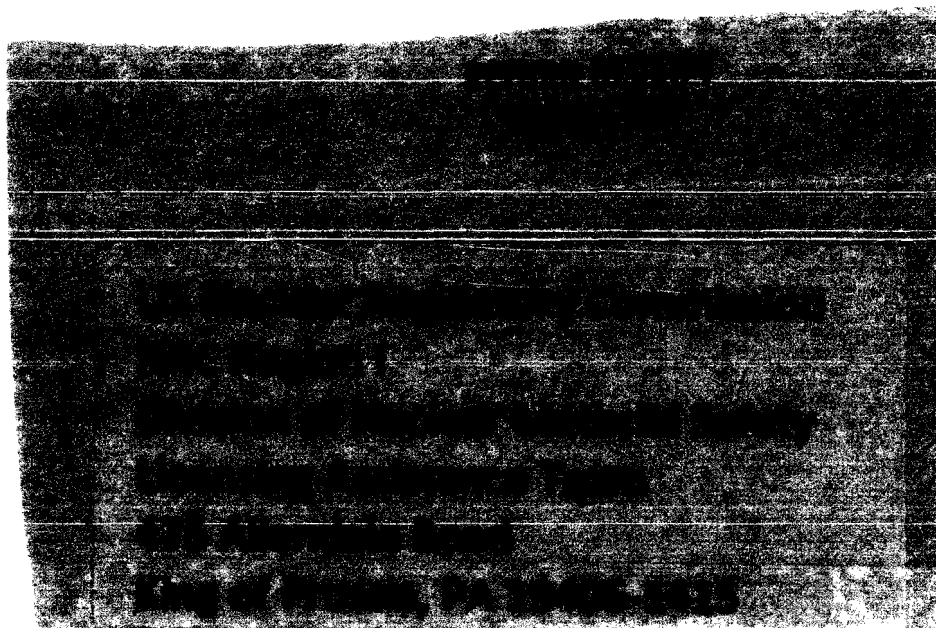
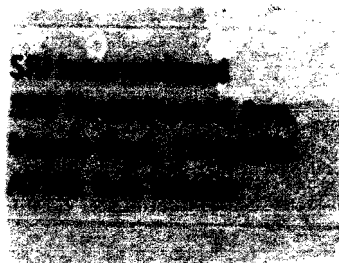
Institution, city	Date and duration	Name of course and short description
Rutgers Univ., New Brunswick, NJ	██████ to ██████ (one year, full time)	MS Degree in Radiological Health. Frank Haughey, PhD, Director
NYU, Sterling Forest, NY	1966 to 1971 (4.5 years, full time)	Ph.D. in Nuclear Engineering, Health Physics and Environmental Radioactivity. Dr. Merril Eisenbud, Director
American Board of Health Physics	1972 to present (2011)	Maintained CHP certification through continuing education and other re-certification points throughout this period.

Experience with radiation:

Please list all the different types of work you have done with radioisotopes or radiation.

Institution, city	Date and duration	Radio-isotope(s)	Amount per experiment	Type(s) of experiment or use
NYU, Sterling Forest, NY	1970, 1 yr.	Ra-226 plus progeny	50 uCi.	Radon progeny attachment to natural aerosol research.
Brookhaven National Labs, Upton, NY	1966, 3 months	AGS, Graphite Reactor, environmental sampling, Gamma Forest, survey instrument calibration, sub-critical assembly, etc.		Student training in Radiological Health.
Hoffmann La Roche, Nutley, NJ	1974	Cu-64	10 mCi	Tagged separation column research
Hoffmann La Roche, Nutley, NJ	1973 to 1979	Cs-137	120 mCi sealed source	survey instrument calibration

Institution, city	Date and duration	Radio-isotope(s)	Amount per experiment	Type(s) of experiment or use
Old Vic, Inc., (Victoreen) Cleveland, OH	1992 to 1993	Ni-63, Ra-226, Cl-36, Cs-137	1 to 100 uCi	Building decontamination. RSO for license to possess for decontamination.
Roche; SmithKline Beecham, King of Prussia, PA	1972 to 1989	H-3, C-14, P- 32, I-125, I- 129, I-131, Ba-133, Cl-36	1 to 1000 uCi	Preparation and use of calibration standards.
Roche, Nutley, NJ. (13 yrs) Glaxo SmithKline, King of Prussia, PA (2 yrs)	1972 to 1989	Radiation Safety Officer for these two broad-scope licenses. Pharmaceutical research and manufacturing of radioactive immunoassay reagents.		
Huntingdon Life Sciences, E. Millstone, NJ	2004- 2011	Radiation Safety Officer for byproduct material license 29- 14800-01 (NJ RAD100001-507035)		
SRI International, Princeton, NJ	2008- 2011	Radiation Safety Officer for byproduct material license 29- 28005-01 (NJ RAD100001-507170)		
Lundbeck Research USA, Paramus, NJ	2011- 2011	Radiation Safety Officer for byproduct material license NJ RAD110001-507603		
Four particle accelerator facilities in NJ	1994- 2011	Particle Accelerator Safety Officer (PASO) for six particle accelerators at four facilities in New Jersey.		



This is to acknowledge the receipt of your (C) letter/application dated

8/22/11, and to inform you that the initial processing which includes an administrative review has been performed.

☒ New/Term (03038482/31-30936-01)
There were no administrative omissions. Your application was assigned to a technical reviewer. Please note that the technical review may identify additional omissions or require additional information.

☐ Please provide to this office within 30 days of your receipt of this card

A copy of your action has been forwarded to our License Fee & Accounts Receivable Branch, who will contact you separately if there is a fee issue involved.

Your action has been assigned **Mail Control Number** 575891/575892
When calling to inquire about this action, please refer to this control number.
You may call us on (610) 337-5398, or 337-5260.