

Materials License Termination/Retirement Form

LICENSE #(s): 06-30503-01  
ADDRESS: Molecular Staging, Inc.  
300 George Street  
7th Floor (Suite 701)  
New Haven, CT 06511

DOCKET #(s): 030-34947  
EXPIRATION DATE: 3/31/2009  
DATE OF CONTACT: 1/11/2005  
CONTACTED BY: Thomas Asher  
TITLE: Vice President  
TELEPHONE: 203-984-0002

LICENSE TERMINATED: ☒

LICENSE TRANSFERRED: ☐

LICENSE TRANSFERRED TO: Name: \_\_\_\_\_  
Address: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
Telephone: \_\_\_\_\_

BASIS FOR TERMINATION AND/OR RETIREMENT: Survey of facility  
indicates no contamination. Remaining stock transferred  
to a licensed waste broker (Radio Research Corp).  
Half-life of material less than 60 days (P-32 and P-33).

TERMINATION DOCUMENTATION

1. License termination meets Type I criteria:

Y ☒ N ☐

☒ Licensee used sealed sources only and the most recent leak test demonstrates that they did not leak while in the licensee's possession

☒ Licensee used radioactive material with  $T_{1/2} \leq 60$  days and it has decayed to less than the activity in 10 CFR Part 20 Appendix C

2. License termination meets Type II criteria:

Y ☐ N ☒

☐ Licensee possessed and used only sealed sources but cannot demonstrate that the sources did not leak while in the licensee's possession

☐ Licensee possessed unsealed radioactive material with  $T_{1/2} \leq 60$  days but the maximum activity authorized under the license has not decayed to less than the quantity specified in 10 CFR Part 20, Appendix C

☐ Licensee possessed unsealed radioactive material with  $T_{1/2} > 60$  days but  $\leq 120$  days.

☐ Licensee possessed  $^{14}\text{C}$  or  $^3\text{H}$  but the total activity(s) and use authorized under the license warrants decommissioning under Type II (describe rationale above)

3. License termination meets Type III criteria:

Y \_\_\_ N /A

\_\_\_ Decommissioning qualifies for a categorical exclusion under 10 CFR 51.22 (c) and

\_\_\_ Licensee will decommission its facility in accordance with the NRC's criteria for unrestricted use.

4. License termination meets Type IV criteria:

Y \_\_\_ N /A

\_\_\_ Decommissioning does not qualify for a categorical exclusion under 10 CFR 51.22 (c)

\_\_\_ Licensee will decommission its facility such that residual radioactive material may remain in excess of NRC's criteria for unrestricted use.

5. Termination survey required:

Y ✓ N \_\_\_

✓ Termination survey submitted by licensee

✓ Termination survey satisfies NRC survey requirements

6. Form 314 or equivalent submitted:

Y ✓ N \_\_\_

✓ Staff verified disposition of sealed sources:  
or unsealed radioactive material

by:

✓ letter from Form 314 recipient

✓ call to Form 314 recipient

7. Licensee transfer records discussed in 10 CFR Parts 30.35, 30.36,  
30.51; 40.36, 40.42, 40.61; or 70.25, 70.38, 70.51

Y ✓ N \_\_\_

✓ To USNRC

\_\_\_ To individual assuming responsibility for the license, with a copy of the cover letter to NRC

8. NRC closeout inspection required:

Y \_\_\_ N ✓

\_\_\_ Closeout inspection performed:

on: \_\_\_\_\_

Inspector: \_\_\_\_\_

9. Closeout survey performed:

Y \_\_\_ N /A

on: \_\_\_\_\_

by: \_\_\_\_\_

Licensing assistant  
completing form: \_\_\_\_\_

Date: \_\_\_\_\_

or

License reviewer  
completing form: \_\_\_\_\_

Date: 2/28/05

Branch Chief: \_\_\_\_\_

Date: 2/28/05