



Department of State Health Services

RADIOACTIVE MATERIAL LICENSE

Pursuant to the Texas Radiation Control Act and Texas Department of State Health Services (Agency) regulations on radiation, and in reliance on statements and representations heretofore made by the licensee, a license is hereby issued authorizing the licensee to receive, acquire, possess and transfer radioactive material listed below; and to use such radioactive material for the purpose(s) and at the place(s) designated below. This license is subject to all applicable rules, regulations and orders of the Agency now or hereafter in effect and to any conditions specified below.

LICENSEE			This license is issued in response to a letter	
1. Name RAYTHEON COMPANY			Dated: August 31, 2010	
ATTN KELLY HYATT			Signed by: Kelly Hyatt	
2. Address 1601 NORTH PLANO ROAD			3. License Number L04096	
RICHARDSON TX 75081			Amendment Number 29	
PREVIOUS AMENDMENTS ARE VOID				
			4. Expiration Date October 31, 2016	
RADIOACTIVE MATERIAL AUTHORIZED				
5. Radioisotope	6. Form of Material	7. Maximum Activity	8. Authorized Use	
A. Th-232	A. Thorium coated optical elements	A. No single source to exceed 1.0 microcurie Total: 10 millicuries	A. Possession incident to decontamination of optical elements.	
B. H-3	B. Gas in glass vials (ELCAN Model Beta Lights)	B. 148 millicuries per source, 296 millicuries per device Total: 215 Curies	B. Possession of ELCAN Optical Technologies Model Specter Sighting System OS Series gun sights incident to distribution under the auspices of an U.S. Nuclear Regulatory Commission exempt product distribution license.	

9. Radioactive material shall only be stored and used at:

<u>Site Number</u>	<u>Location</u>
001	Richardson - 1601 North Plano Road

10. Each site shall maintain documents and records pertinent to the operations at that site. Copies of all documents and records required by this license shall be maintained for Agency review at Site 001.
11. The licensee shall comply with the provisions (as amended) of Title 25 Texas Administrative Code (TAC) §289.201, §289.202, §289.203, §289.204, §289.205, §289.251, §289.252 and **§289.257**.
12. Radioactive material shall only be used by, or under the supervision of, individuals designated by the Radiation Safety Officer (RSO).
13. The individual designated to perform the functions of RSO for activities covered by this license is Kelly Hyatt.
14. The licensee shall maintain releases to the sanitary sewer system to a monthly average concentration not exceeding 0.3 pCi/ml.
15. Wipe sampling media shall be analyzed only by a person appropriately licensed to perform radioactive sample analysis by the agency, NRC, an agreement state or a licensing state.



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- 16. Thorium waste collection equipment will be labeled and maintained as exclusive use for waste collection and transport.
- 17. **The sump located in the tritium storage room shall be included in routine contamination sampling in accordance with Ionizing Radiation Safety Program, Appendix A, Radiation Swipe Sampling Procedure.**
- 18. Except as specifically provided otherwise by this license, the licensee shall possess and use the radioactive material authorized by this license in accordance with statements, representations, and procedures contained in the following:

application dated August 16, 2004,
 letters dated October 26, 2006, March 9, 2007, **August 31, 2010, October 28, 2010** and
 Ionizing Radiation Safety Program manual revised **October 22, 2010**.

Title 25 TAC §289 shall prevail over statements contained in the above documents unless such statements are more restrictive than the regulations.

FOR THE DEPARTMENT OF STATE HEALTH SERVICES

David B. Fogle, Program Coordinator
 Advanced Technology Licensing Program

Date November 3, 2010