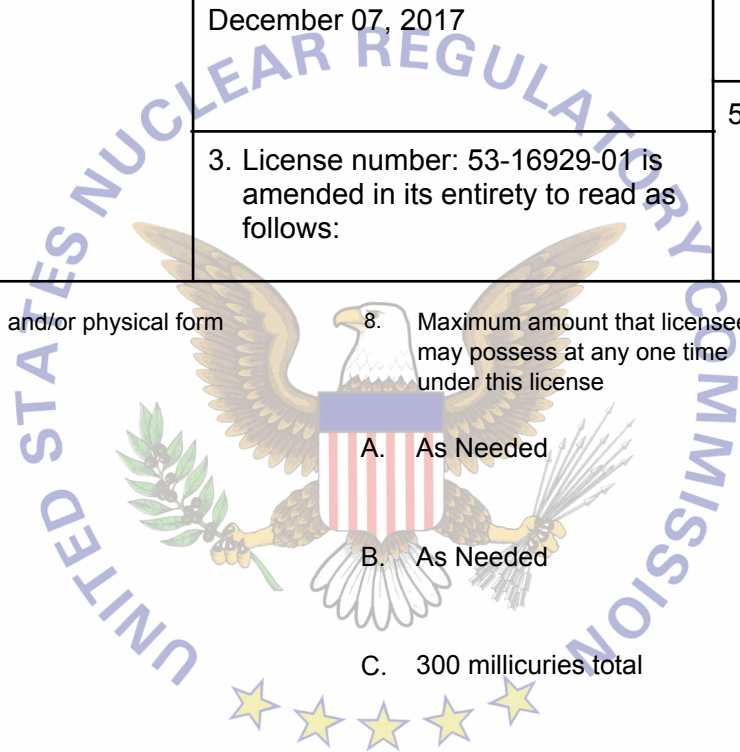


**MATERIALS LICENSE**

Pursuant to the Atomic Energy Act of 1954, as amended, the Energy Reorganization Act of 1974 (Public Law 93-438), and Title 10, Code of Federal Regulations, Chapter I, Parts 30, 31, 32, 33, 34, 35, 36, 37, 39, 40, 70 and 71, 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 byproduct, source, and special nuclear material designated below; to use such material for the purpose(s) and at the place(s) designated below; to deliver or transfer such material to persons authorized to receive it in accordance with the regulations of the applicable Part(s). This license shall be deemed to contain the conditions specified in Section 183 of the Atomic Energy Act of 1954, as amended, and is subject to all applicable rules, regulations, and orders of the Nuclear Regulatory Commission now or hereafter in effect and to any conditions specified below.

Licensee  1. Adventist Health Castle  2. 640 Ulukahiki Street Kailua, HI 96734-4498	In accordance with letter dated December 07, 2017	4. Expiration Date: July 31, 2022
	3. License number: 53-16929-01 is amended in its entirety to read as follows:	5. Docket No.: 030-11883 Reference No.:



6. Byproduct, source, and/or special nuclear material	7. Chemical and/or physical form	8. Maximum amount that licensee may possess at any one time under this license	9. Authorized use
A. Any byproduct material permitted by 10 CFR 35.100	A. Any	A. As Needed	A. For use in uptake, dilution and excretion studies permitted by 10 CFR 35.100.
B. Any byproduct material permitted by 10 CFR 35.200	B. Any	B. As Needed	B. For use in imaging and localization studies permitted by 10 CFR 35.200.
C. Any byproduct material permitted by 10 CFR 35.300	C. Any	C. 300 millicuries total	C. For any use permitted by 10 CFR 35.300.

**CONDITIONS**

10. Licensed material may be used or stored at the licensee's facilities located at 640 Ulukahiki Street, Kailua (Island of Oahu), Hawaii, 96734-4498.

**MATERIALS LICENSE  
SUPPLEMENTARY SHEET**

License Number  
53-16929-01

Docket or Reference Number  
030-11883

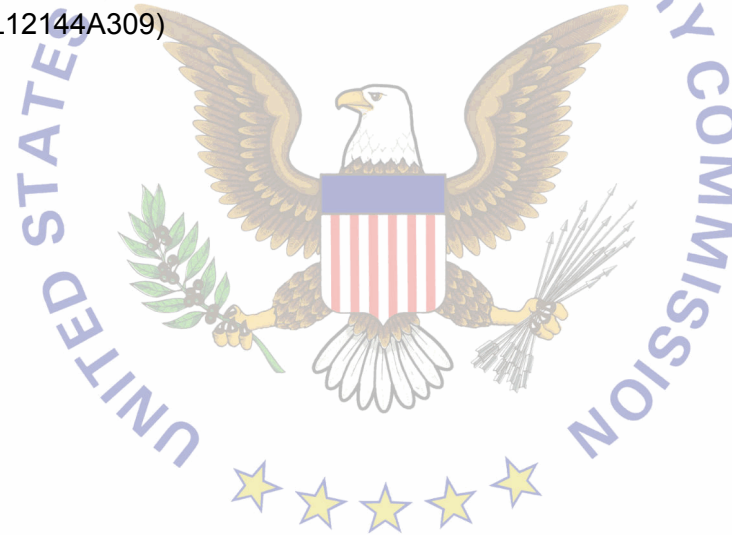
Amendment No. 46  
(Corrected Copy)

11. The Radiation Safety Officer (RSO) for this license is Ronald W. Frick, M.S., CHP, DABR.
12. Licensed material shall only be used by, or under the supervision of:
- A. Individuals permitted to work as authorized users, authorized nuclear pharmacists, in accordance with 10 CFR 35.13 and 10 CFR 35.14.
- B. The following individuals are authorized users for the material and medical uses as indicated:
- | <u>Authorized User(M.D.,D.O.,etc.)</u> | <u>Material and Use</u>  |
|--|--|
| Nicholas T. Calley, M.D.               | 35.100; 35.200   |
| Vineet Kiran Chib, M.D.                | 35.100; 35.200; Oral administration of sodium iodide I-131 in quantities less than or equal to 33 millicuries. |
| Philip Hanline, M.D.                   | 35.100; 35.200; Oral administration of sodium iodide I-131   |
| Robert Scott Israel, M.D.              | 35.100; 35.200; Oral administration of sodium iodide I-131   |
| Raman Kansal, M.D.                     | 35.100; 35.200; Oral administration of sodium iodide I-131   |
| Van An Le, M.D.                        | 35.100; 35.200   |
| Jeffrey S. Moser, M.D.                 | 35.100; 35.200   |
| Jed R. Peterson, M.D.                  | 35.100; 35.200; Oral administration of sodium iodide I-131   |
| Venerando S. Seguritan, M.D.           | 35.100; 35.200   |
13. In addition to the possession limits in Item 8, the licensee shall further restrict the possession of licensed material to quantities below the minimum limit specified in 10 CFR 30.35(d) for establishing decommissioning financial assurance.

**MATERIALS LICENSE  
SUPPLEMENTARY SHEET**License Number  
53-16929-01Amendment No. 46  
(Corrected Copy)Docket or Reference Number  
030-11883

14. Except as specifically provided otherwise in this license, the licensee shall conduct its program in accordance with the statements, representations, and procedures contained in the documents, including any enclosures, listed below. This license condition applies only to those procedures that are required to be submitted in accordance with the regulations. Additionally, this license condition does not limit the licensee's ability to make changes to the radiation protection program as provided for in 10 CFR 35.26. The U.S. Nuclear Regulatory Commission's regulations shall govern unless the statements, representations, and procedures in the licensee's application and correspondence are more restrictive than the regulations.

A. Application dated May 5, 2012 (ML12144A309)



FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date: September 25, 2018

By: /RA/

Roberto J. Torres  
Region IV