



**UNITED STATES  
NUCLEAR REGULATORY COMMISSION**  
REGION IV  
1600 E. LAMAR BLVD  
ARLINGTON, TX 76011-4511

December 12, 2017

MAJ Thomas J. Costeira  
Radiation Safety Officer  
Department of the Army  
MCHJ-CLY-R (Health Physics Service)  
Madigan Army Medical Center  
Tacoma, WA 98431-1100

SUBJECT: LICENSE AMENDMENT

Dear MAJ Costeira:

Please find enclosed Amendment No. 104 to NRC License No. 46-02645-03, increasing possession limits in section 8.H., changing the Radiation Safety Officer, and adding authorized users, as requested in letters dated September 12, 2017 and September 14, 2017. An environmental assessment for this licensing action is not required since this action is categorically excluded under 10 CFR 51.22(c)(14)(iv). You should review this license carefully and be sure that you understand all conditions. You can contact me at (817) 200-1127 if you have any questions about this license.

Please note that the Yttrium-90 Microsphere Brachytherapy Sources and Devices TheraSphere® and SIR-Spheres® Licensing Guidance was revised on February 12, 2016, Rev. 9 (<https://www.nrc.gov/docs/ML1535/ML15350A099.pdf>). Please note that you are currently authorized to use these products (microspheres) committed by license condition to following provisions in a previous revision of this guidance. Therefore, you may request a license amendment to commit to following the more recent revision (Rev. 9) of the guidance instead. Please note that you must apply for and receive this license amendment in order to make program changes to conform to this revision of the guidance.

NRC will periodically inspect your radiation safety program. Failure to conduct your program according to NRC regulations, license conditions, and representations made in your license application and supplemental correspondence with NRC may result in enforcement action against you. This could include issuance of a notice of violation; imposition of a civil penalty; or an order suspending, modifying, or revoking your license

**The enclosure transmitted  
herewith contains Official Use  
Only – Security-Related  
Information. When separated  
from these enclosures, this  
document is decontrolled.**

~~OFFICIAL USE ONLY – SECURITY-RELATED INFORMATION~~

T. Costeira

-2-

as specified in the NRC Enforcement Policy. The NRC Enforcement Policy is available on the following internet address: <http://www.nrc.gov/about-nrc/regulatory/enforcement/enforce-pol.html>.

An electronic version of the NRC's regulations is available on the NRC Web site at [www.nrc.gov](http://www.nrc.gov). Additional information regarding medical uses of radioactive materials may be obtained on the NRC Web site at: <http://www.nrc.gov/materials/miau/med-use-toolkit.html>. This site also provides the updated Training and Experience NRC Form 313A series of forms and guidance, as well as information on the revised regulations for naturally-occurring and accelerator-produced radioactive materials (NARM).

The NRC medical list server has been set up. The list server will send automatic e-mail notifications of medical-related generic communications, Federal Register Notices, and NMSS/FSME newsletters as they are published. Anyone may subscribe/unsubscribe to the new medical list server by sending an e-mail to [medical-gc@nrc.gov](mailto:medical-gc@nrc.gov) with "Subscribe" or "Unsubscribe" in the subject line.

NRC's Regulatory Issue Summary (RIS) 2005-31 provides criteria to identify security-related sensitive information and guidance for handling and marking of such documents. This ensures that potentially sensitive information is not made publicly available through the NRC's Agencywide Documents Access and Management System (ADAMS). The RIS may be located on the NRC Web site at: <http://www.nrc.gov/reading-rm/doc-collections/gen-comm/reg-issues/2005/>. Pursuant to NRC's RIS 2005-31, this letter and its enclosed materials license will not be made publicly available.

Thank you for your cooperation.

Sincerely,

*/RA/*

Michelle M. Hammond, M.Sc., Health Physicist  
Materials Licensing and Inspection Branch

Docket: 030-03368  
License: 46-02645-03  
Control: 601174 and 601176

Enclosure: As stated

~~OFFICIAL USE ONLY – SECURITY-RELATED INFORMATION~~