

Virginia Institute of Marine Science
School of Marine Science

October 1, 2008

Nuclear Materials Safety Section
U.S. Nuclear Regulatory Commission, Region I
Commercial and R&D Branch
Division of Nuclear Materials Safety
475 Allendale Road, King of Prussia, PA 19406-1415

HO

Subject: Request to Amend NRC License No. 45-07112-01
Mail Control No. 142621, LAT

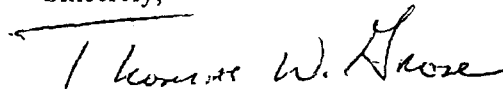
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Attn: Mr. Brian Parker,

The following is a request to amend subject NRC License issued to the College of William and Mary, Virginia Institute of Marine Science/School of Marine Science (VIMS) as follows:

1. Please add Cesium-137 to Item No. 6. "Byproduct, source, and/or special nuclear material" on our license. With regard to Item No. 7. "Chemical and/or physical form", we would request the designation of "Any" and in regard to Item No. 8. "Maximum amount that licensee may possess at any one time under this license," we would request 12.0 millicuries be allowed.
2. Under Item No. 9. "Authorized use," the Cesium-137 requested would be used for; "Research and development as defined in 10 CFR 30.4." Of the requested 12.0 millicuries of Cesium-137, a specific instrument which we wish to purchase, the Geotek Multi Sensor Core Logger system (MSCL-S), has a 10.0 millicurie Cesium-137 sealed source associated with it. This device is used to analyze geologic core samples retrieved from the earth's crust. Information pertaining to the MSCL-S may be accessed at the manufacturer's web link at www.geotek.co.uk/ft/MSCLOverview.pdf; select the "Products" tab at top of page.
3. GEOTEK Ltd. is the manufacturer of the MSCL-S and will assemble and test the unit upon delivery to VIMS. In addition, GEOTEK Ltd. will conduct training for VIMS' research personnel and the Radiation Safety Officer (RSO) on the operational characteristics associated with this instrument. Safety and security training for radioactive material will be presented to the research staff scheduled to use this instrument by the RSO. Protocols addressing these subjects will be posted with the instrument.
4. Regarding Certification of Financial Assurance, I have reviewed our license in light of the above request and 10 CFR 30 and it is my interpretation that we are not required to offer additional financial assurance at this time.

Sincerely,



Thomas W. Grose
Director, Safety & Environmental Programs, RSO

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