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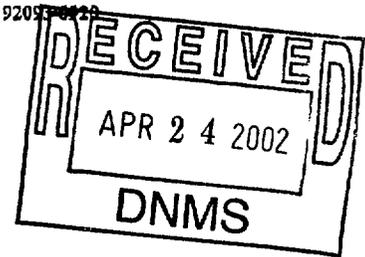
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SCRIPPS INSTITUTION OF OCEANOGRAPHY

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April 24, 2002

Ms. Colleen Murnahan, Licensing Assistant
Nuclear Materials Licensing Branch
Division of Nuclear Materials Safety
Nuclear Regulatory Commission, Region IV
61 Ryan Plaza Drive, Suite 400
Arlington, Texas 76011-8064

Reference: University of California, San Diego Radioactive Materials License, CA #1339-37
R/V Melville

Dear Ms. Murnahan,

Please find below details regarding extending the present R/V Melville radioisotope cruise.

1. Cruise extension

Vessel: R/V Melville

Dates: Present thru July 24th, 2002

Project description: Presently there is a liquid scintillation counter (LSC) transiting on the vessel. Instead of removing the LSC in Osaka, Japan, we now plan to leave the LSC and its calibration external standard on the research vessel. The vessel home ports at San Diego in July, 2002. Leaving the instrument on the vessel results in a significant savings in commercial freight fees. The instrument will be crated and stored inside the vessel's hold. There will be no radioisotope processing. This is a transit only...

Location: The R/V Melville will be performing general (non-radioactive) science operations in the Pacific along a cruise track that roughly leads from Japan to Hawaii. Following the Hawaii operations, the vessel continues east to San Diego.

Radioisotope: Radium-226, 10 microCi. as LSC external standard

The carbon-14 and tritium currently transiting on the vessel will be removed in Osaka, Japan. We have the appropriate approval from the Japan Atomic Energy Research Institute.

During the above transit, there will be no release of radioactive materials, liquid or solid, to the ocean environment. All radioactive materials will be returned to UCSD/Scripps Institution of Oceanography.

[Handwritten Signature]
Signature

Title: *Health Physicist*

Date: *4-25-02*

I will be leaving for Osaka April 25th to meet the vessel. If you have questions or comments, please contact me via telephone at 858-534-6103 after May 6th or, in the interim, contact Mr. John Zummo, R.S.O. at 858 534 1069. Thank you for your assistance.

Kindest regards,

Sandy O'Brien

Sandy O'Brien, Health Physicist

Scripps Institution of Oceanography

University of California, San Diego