

The RADIARIUM CORPORATION

DMB COPY

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April 18, 1989

United States Nuclear Regulatory Commission
Region III
799 Roosevelt Road
Glen Ellyn, Illinois 60137

Attn: D.J. Sreniawski, Chief
Nuclear Materials Safety

Dear Mr. Sreniawski:

This is in response to your letter dated March 23rd, advising me of two violations with regard to the conditions of our NRC Licenses.

Under the conditions of our NRC License No. 24-19486-01, the leak test of our Cobalt-60 teletherapy source was performed on February 15, 1989 and counted on February 27th. A copy of this leak test is enclosed. To avoid further violations, Mr. Debus, the consulting radiation physicist who performs the monthly spot checks on the teletherapy unit, has agreed to wipe the collimator vanes and source drawer at the time he performs the July and January monthly spot checks and will indicate that the wipes have been taken on the monthly spot check report. I believe that full compliance with regard to this violation has been achieved.

Under the conditions of our NRC License No. 24-19486-02, we are required to measure the exposure rate 3 feet from the surface of a package containing radioactive material and also at the surface. These readings must be recorded. This will be done and recorded on the "Package Receipt and Monitor Log," which has been modified slightly from Exhibit 12 of Regulatory Guide 10.8 dated August 1987. A copy of our log is enclosed. I believe that full compliance with regard to this violation has been achieved as of the date of this letter.

Sincerely,

Richard A. Morrison, M.D.

Richard A. Morrison, M.D.
Director

RAM:mcs
Enclosures (2)
cc: Peter Debus

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24-19486-01
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PACKAGE RECEIPT AND MONITOR LOG

[illegible]

PHYSICIST REPORT

The Radiarium

Sealed Source Wipe Test

Source	Sample	Sample CPM	BKG CPM	STD CPM	Removed
AECL Theratron	Source Drawer	328	318	2042	<.05
Co-60 Teletherapy Collimator Vans	286		318	2042	<.05

Leak Test Standard: .006 uCi of Co-60 on 8/10/80

Wipes taken by Pete Debus on 2/15/89

Conclusion: Leak tests are negative. No removable contamination found.

Physicist Chunne
Date: 2/27/89