



UNITED STATES
NUCLEAR REGULATORY COMMISSION

REGION IV

611 RYAN PLAZA DRIVE, SUITE 400
ARLINGTON, TEXAS 76011-8064

MAY 26 1994

Docket: 030-31840
License: 35-27041-01

Memorial Medical Center and
Cancer Institute, Inc.
dba Cancer Treatment Center of Tulsa
ATTN: Joseph A. Gagliardi
President & CEO
8181 South Lewis Avenue
Tulsa, Oklahoma 74137-1200

SUBJECT: NRC INSPECTION REPORT 030-31840/94-01 (NOTICE OF VIOLATION)

This refers to the routine, unannounced inspection conducted by Ms. M. Linda McLean of this office, accompanied by Mr. David D. Skov of Region IV's field office located in Walnut Creek, California, on May 3, 4, and 5, 1994. The inspection included a review of activities authorized by Byproduct Materials License 35-27041-01. At the conclusion of the inspection, the findings were discussed with members of your staff.

The inspection was an examination of activities conducted under the license as they relate to radiation safety and to compliance with the Commission's rules and regulations and the conditions of the license. The inspection consisted of selective examinations of procedures and representative records, interviews of personnel, independent measurements, and observation of activities in progress.

Based on the results of this inspection, certain of your activities appeared to be in violation of NRC requirements, as specified in the enclosed Notice of Violation (Notice).

You are required to respond to this letter and should follow the instructions specified in the enclosed Notice when preparing your response. In your response, you should document the specific actions taken and any additional actions you plan to prevent recurrence. After reviewing your response to this Notice, including your proposed corrective actions and the results of future inspections, the NRC will determine whether further NRC enforcement action is necessary to ensure compliance with NRC regulatory requirements.

Additionally, the inspectors identified violations that were not cited regarding the failure to post all documents required by 10 CFR Parts 19 and 21, and the failure to post a radiation area. Since these violations would normally be categorized as isolated Severity Level V violations and corrective actions were taken during the inspection, no citation is presently being issued because the criteria in 10 CFR Part 2, Appendix C, Section VII.B.1 have been met.

318005
9406010022 940526
PDR ADOCK 03031840
C PDR

TEC 7

Memorial Medical Center
dba Cancer Treatment Center of Tulsa

-2-

Although the inspectors noted that the overall radiation safety program seemed adequately managed, the inspection revealed a concern in your radiation safety program. The issue was that although your license does not require the use of personal monitoring devices for all individuals entering the room which contains your high dose rate afterloading device, you should consider requiring the use of these devices for these individuals. Additionally, since you recently posted a high radiation area, you should be aware that it is a requirement (10 CFR 20.1502) for licensees to monitor occupational exposure to radiation and supply and require the use of individual monitoring devices to individuals entering a high radiation area.

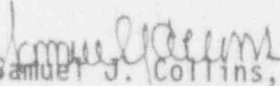
Also reviewed during this inspection was the use of your HDR afterloading device and your implementation of the Quality Management (QM) program submitted to NRC on January 27, 1992. The inspectors determined that since the last NRC inspection you had administered 119 HDR brachytherapy treatments, one dosage of sodium iodide I-131 in quantities greater than 30 microcuries, and three strontium-89 therapy treatments. All treatments were found to be in accordance with your QM program and the provisions of 10 CFR 35.32.

In accordance with 10 CFR 2.790 of the NRC's "Rules of Practice," a copy of this letter and its enclosure will be placed in the NRC Public Document Room.

The responses directed by this letter and the enclosed Notice are not subject to the clearance procedures of the Office of Management and Budget as required by the Paperwork Reduction Act of 1980, Pub. L. No. 96.511.

Should you have any questions concerning this letter, please contact the inspector identified above at (817) 860-8100.

Sincerely,


Samuel J. Collins, Director
Division of Radiation Safety
and Safeguards

Enclosure:
Appendix - Notice of Violation

cc:
Oklahoma Radiation Control Program Director

bcc:
DMB - Original (IE-07)
LJCallan
SJCcollins
RAScarano
DWeiss, OC/LFDCB (4503)
*WLFisher
*CLCain
FAWenslawski
*MLMcLean
DDSkov, WCFO
SLMerchant, NMSS (6 H3)
*NMIB
*MIS System
*RIV Files (2)

*W/IFS Form

*RIV:NMIB	*AC:NMIB	DD:DRSS	D:DRSS	
MLMcLean	CLCain	<i>[Signature]</i>	SJCcollins	
05/ /94	05/ /94	05/ /94	05/ /94	

*Previously concurred

Memorial Medical Center
dba Cancer Treatment Center of Tulsa

-3-

bcc:

DMB - Original (IE-07)

LJCallan

SJCollins

RAScarano

DWeiss, OC/LFDCB (4503)

*WLFisher

*CLCain

FAWenslawski

*MLMcLean

DDSkov, WCFO

SLMerchant, NMSS (6 H3)

*NMIB

*MIS System

*RIV Files (2)

*W/IFS Form

*RIV:NMIB	*AC:NMIB	DD:DRSS	D:DRSS	
MLMcLean	CLCain	<i>[Handwritten mark]</i>	SJCollins	
05/ /94	05/ /94	05/ /94	05/ /94	

*Previously concurred