



UNITED STATES  
NUCLEAR REGULATORY COMMISSION

REGION IV

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

January 31, 1997

David W. Pellicciarini  
Program Manager, Health Physics  
Syncor International Corporation  
20001 Prairie Street  
Chatsworth, California 91311

SUBJECT: RESPONSE TO NRC INSPECTION REPORT NO. 030-33224/96-014 AND  
NOTICE OF VIOLATION

Dear Mr. Pellicciarini:

This acknowledges receipt of your January 21, 1997, letter in response to our December 23, 1996, letter and Notice of Violation. We have reviewed your reply and find that no further information is needed at this time. Your corrective actions will be examined during a future inspection to determine whether full compliance has been achieved and will be maintained.

Sincerely,

A handwritten signature in cursive script that reads "Linda L. Howell".

Linda L. Howell, Chief  
Nuclear Materials Inspection and  
Fuel Cycle/Decommissioning Branch

Docket No. 030-33224  
License No. 04-26507-01MD

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PDR ADOCK 03033224  
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U.S. Nuclear Regulatory Commission  
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RE: Reply to a Notice of Violation, Syncor International Corporation, Chatsworth, CA  
(Bristol, PA) License No. 04-26507-01MD

To Whom It May Concern:

This letter is in response to the NRC's letter of December 23, 1996, regarding the inspection of Syncor's Bristol, PA, pharmacy, on October 23, 1996. Following is Syncor's response to the Notice of Violation:

1. This violation occurred because of a misunderstanding of the geometry requirements for syringes by the local Syncor staff. The misunderstanding was caused because of a change in the dose calibrator geometry procedures that occurred when Syncor consolidated its NRC licenses.

Syncor's Pharmacy Radiation Safety Officer (PRSO) believed that the dose calibrator geometry procedures from the NRC'S Guide for the Preparation of Applications for Nuclear Pharmacy Licenses (NPLG) were the procedures that Syncor had committed to follow. The NPLG procedures do not specifically call out the use of multiple syringes or volumes within syringes. The PRSO did not realize that there had been a modification to the procedures.

Syncor's consolidated license application contains dose calibrator geometry procedures which are different than those found in the NPLG. Syncor's new dose calibrator geometry procedures reference the use syringes of commonly used volumes. As mentioned above, the PRSO did not catch this change.

2. The corrective steps will consist of repeating the dose calibrator geometry test at this pharmacy using commonly used syringes and volumes within syringes. This additional geometry testing will be completed by January 31, 1997.
3. To avoid further violations of this nature, Syncor will inform all NRC PRSOs to verify their dose calibrator geometry testing has been carried out following the procedures contained in Syncor's consolidated license application.
4. Full compliance at the Bristol, PA, pharmacy will be achieved by January 31, 1997. Full compliance in all NRC pharmacies will be achieved by February 28, 1997.

If I can be of any further assistance, please contact me at (818) 717-4551.

Sincerely,



David W. Pellicciarini  
Program Manager, Health Physics

cc: Robert Funari, President and CEO  
Jack Coffey, Vice President  
Brian Bender, Vice President  
Kathy Seifert, Corporate RSO  
Bob McClintock, Chief Auditor  
Pete van der Wal, General Manager  
Mike Mullin, Pharmacy Manager  
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