

March 29, 1995

1607  
PUBLIC

Radiation Protection Manager  
EPA Region 5  
U.S. Environmental Protection Agency  
77 West Jackson Boulevard  
Chicago, IL 60604-3507

Dear Sir:

In accordance with the 1992 Memorandum Of Understanding between the Nuclear Regulatory Commission (NRC) and the Environmental Protection Agency (EPA), I am enclosing the EPA Referral Form(s) on air emissions from a licensee recently inspected by NRC Region III staff. Should you require any additional information regarding the details of the air emissions, the resulting doses, or the methods used to obtain these doses, please refer these inquiries to the licensee representative indicated in the "Contact" entry on the Form.

Please note if this inspection found violation(s) of Severity Level V or greater associated with air effluents, we are enclosing a copy of the inspection report.

Please contact this office at (708) 829-9836 if you have any other questions regarding the inspection findings.

Sincerely,  
Original Signed By

B. J. Holt, Chief  
Nuclear Materials Inspection  
Section 1

9504040280 950329  
PDR ADOCK 03017775  
C PDR

License No.: 13-19451-01MD  
Docket No.: 030-17775

Enclosure: As stated

cc w/encl: F. Combs, NMSS

bcc w/encl: R. Lickus, RIII

DOCUMENT NAME: G:\LTRS2LIC\MTLS\030\95317775.EP1

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OFFICE	DRSS/RIII	E	DRSS/RIII						
NAME	DWIEREMAN: Jaw		BJHOLT						
DATE	03/28/95		03/29/95						

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# INSPECTION REFERRAL FORM

To: Regional Radiation Program Manager, Environmental Protection Agency  
77 West Jackson Boulevard  
Chicago, Illinois 60604-3507

From: Nuclear Regulatory Commission, Region III

Inspector: Darrel Wiedeman Phone: (708) 829-9808  
Inspection Dates: 2/15/95 License No(s): 13-19451-01  
Licensee: Syncor International, Corp. Contact: Ray Wilkinson, RP.h  
Phone: (219) 836-0808  
Address: 8204 Calumet Ave.  
Munster, Indiana 46321

Licensee's ALARA goal if greater than 20% of Appendix B, Part 20:

\_\_\_\_\_ % Appendix B, Part 20 ( \_\_\_\_\_ mrem) NA

If >20% Appendix B, has NRC approved this goal? \_\_\_\_\_ (Yes) \_\_\_\_\_ (No) NA

## Classification of Effective Dose Equivalent:

Above licensee's ALARA goal? \_\_\_\_\_ (Yes) \_\_\_\_\_ (No) NA

Above NRC Regulatory Guide 8.37 ALARA Goal? \_\_\_\_\_ (Yes) X (No)  
[100  $\mu$ Sv/yr (10 mrem/yr)]

Insufficient information to estimate dose? \_\_\_\_\_ (Yes) X (No)

Note- The licensee performed an evaluation of effluents with U.S. EPA's computer modeling program COMPLY, Version 1.5d. This evaluation indicated that no member of the public will receive a dose > 0.4 millirem/year (9  $\mu$ Sv/year) from all nuclides. The inspectors review of annual releases (air effluents) shows that during 1994 the total average annual concentration of iodine-131 was  $1.445 \times 10^{-11}$   $\mu$ Ci/ml which is 6% of the limit in 10 CFR 20, table 2, col.1 ( $2 \times 10^{-10}$   $\mu$ Ci/ml per year)