



July 26, 1985

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

Dear Sir,

Enclosed please find our application and check for \$1,400.00 for the renewal of our Materials License No. 24-19360-01 MD for our St. Louis, Missouri, location.

Sincerely,

Frank M. Comer

Frank M. Comer
Corporate Health Physicist
Syncor International Corp.

Enclosure

FMC/jm

8904100247 880429
REG3 LIC30
24-19360-01MD PNU

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REGION III

Syncor International Corporation
Health Physics Group
7586 Trade Street
San Diego, California 92121
(619) 578-8400

CONTROL NO. 79421



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R - Fee OK

030-17488

8/31/85

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CONTROL NO. 7 9 4 2 1

IODINE-131 AIR MONITORING DATA FOR THE EFFLUENT
BEING RELEASED TO THE UNRESTRICTED AREA

<u>Date</u>	<u>Iodide 131 Concentration uCi/ml</u>	<u>Date</u>	<u>I-131 Concentration uCi/ml</u>
1/5/88	3.63×10^{-12}	3/2/88	5.72×10^{-12}
1/6/88	3.64×10^{-12}	3/3/88	6.35×10^{-12}
1/11/88	1.48×10^{-12}	3/4/88	2.88×10^{-12}
1/12/88	9.0×10^{-12}	3/9/88	2.45×10^{-12}
1/13/88	5.35×10^{-12}	3/10/88	2.00×10^{-12}
1/15/88	4.43×10^{-12}	3/11/88	2.12×10^{-12}
1/18/88	2.78×10^{-12}	3/14/88	1.65×10^{-12}
1/20/88	1.39×10^{-12}	3/16/88	<u>7.67×10^{-12}</u>
1/21/88	4.86×10^{-12}	TOTAL	108.86
1/25/88	2.47×10^{-12}	AVERAGE	$108.86/28 = 3.89 \times 10^{-12}$ uCi/ml
1/26/88	0.0		
1/29/88	1.82×10^{-12}		
2/1/88	1.85×10^{-12}		
2/5/88	2.46×10^{-12}		
2/8/88	$.525 \times 10^{-12}$		
2/9/88	27.5×10^{-12}		
2/15/88	1.06×10^{-12}		
2/22/88	1.93×10^{-12}		
2/24/88	8.15×10^{-12}		
2/25/88	1.36×10^{-12}		