



**INTERSTATE NUCLEAR SERVICES**  
A DIVISION OF UNIFIRST CORPORATION

---

May 14, 1991

Ms. Betty Ullrich  
Nuclear Regulatory Commission  
Region I  
475 Allendale Road  
King of Prussia, PA 19406

Dear Ms. Ullrich:

RE: NRC License No. 37-23341-01

Enclosed please find quarterly summaries of wastewater discharges for January, 1991 through March, 1991. If we can provide further information, please call.

Sincerely,

Brian Fischer  
Health Physicist

cc: Mike Bovino  
Jack Badey  
Harry Barnes  
Bruce Ernst, ANI  
Agency Corresp. File

INS CORPORATION

QUARTERLY WASTEWATER DISCHARGE REPORT

ROYERSFORD, PA

January 1991

ISOTOPE	CONCENTRATION uCi/ml
Cs-137	1.16E-6
Mn-54	1.27E-6
Co-60	2.24E-6
Zn-65	3.71E-6

13.8  
15.2  
26.7  
Other  
59.5

February 1991

ISOTOPE	CONCENTRATION uCi/ml
Cs-134	3.56E-7
Cs-137	1.30E-6
Mn-54	9.01E-6
Co-60	2.17E-6
Zn-65	1.54E-6

2.5 - 26.4  
9.0 - 15.9  
62.7  
15.1  
10.7

March 1991

ISOTOPE	CONCENTRATION uCi/ml
Cs-137	1.63E-6
Mn-54	4.32E-7
Co-58	1.09E-6
Co-60	2.17E-6

20.4  
40.8  
28.6

January 1991 through March 1991

ISOTOPE	CONCENTRATION uCi/ml	% SEWER M
H-3	9.02E-6	.01
Sr-90	6.8E-9	.06
Sr-89	<MDA	

Av  
27.5  
157.8  
Other 53.8

Total volume discharged this quarter was 148,085 ft<sup>3</sup>.  
Total Activity discharged this quarter was 26,197 uCi.