



INTERSTATE NUCLEAR SERVICES

A SUBSIDIARY OF UNIFIRST CORPORATION

December 19, 1989

Mr. Frank Costello  
Nuclear Regulatory Commission  
Region I  
475 Allendale Rd.  
King of Prussia, PA 19406

Dear Mr. Costello:

RE: NRC License No. 37-23341-01

Enclosed please find quarterly summaries of wastewater discharges for July, 1989 through September, 1989. If we can provide any further information, please do not hesitate to call.

Sincerely,

Susan L. Fanelli  
Corporate Health Physicist

cc: Al Richard  
Jack Badey  
Guy Wilson  
Mike Weinstien, ANI  
Agency Corresp. File

9002010162 900116  
REG1 LIC30  
37-23341-01 PDC

INS CORPORATION  
QUARTERLY WASTEWATER DISCHARGE REPORT  
ROYERSFORD, PA

For the calendar quarter July, 1989 through September, 1989

JULY, 1989

<u>ISOTOPE</u>	<u>CONCENTRATION</u> <u>uCi/ml)</u>	<u>% SEWER MPC</u>	<u>% SURFACE MPC</u>
Cs-134	7.56 E-7	0.25	8.40
Cs-137	3.65 E-6	0.91	18.25
Mn-54	4.68 E-7	0.02	0.47
Co-60	1.64 E-6	0.16	5.47
Sr-90	< 5 E-10	0	0

AUGUST, 1989

<u>ISOTOPE</u>	<u>CONCENTRATION</u> <u>uCi/ml)</u>	<u>% SEWER MPC</u>	<u>% SURFACE MPC</u>
Cs-134	1.01 E-6	0.34	11.22
Cs-137	3.75 E-6	0.94	18.75
Mn-54	7.03 E-7	0.02	0.70
Co-60	2.15 E-6	0.21	7.17
Fe-55	3.20 E-7	0.00	0.04
Sr-90	4.90 E-9	0.04	1.63

SEPTEMBER, 1989

<u>ISOTOPE</u>	<u>CONCENTRATION</u> <u>uCi/ml)</u>	<u>% SEWER MPC</u>	<u>% SURFACE MPC</u>
Cs-134	1.48 E-6	0.49	16.44
Cs-137	3.11 E-6	0.78	15.55
Zn-65	2.57 E-7	0.09	0.26
Mn-54	1.12 E-6	0.04	1.12
Co-60	1.35 E-5	1.35	45.00
Fe-55	3.69 E-6	0.02	0.05
Sr-90	3.18 E-8	0.32	10.60

The total volume discharged this quarter was 69,600 Cubic Feet.  
The total activity discharged this quarter was 30,197 uCi.