



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

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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.