

**INS****INTERSTATE NUCLEAR SERVICES**
A SUBSIDIARY OF UNIFIRST CORPORATION

November 15, 1993

Mr. John D. Kinneman
Nuclear Regulatory Commission
Region I
475 Allendale Road
King of Prussia, PA 19406

RE: NRC License No. 37-23341-01

Dear Mr. Kinneman,

Enclosed please find the quarterly summaries of wastewater discharges of our Royersford, PA facility for July 1993 through September 1993. If we can provide further information, please call.

Sincerely,

Brian Fischer
Health Physicist

cc: Mike Bovino
Jack Badey
Harry Barnes
Agency Corresp. File

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INS CORPORATION
QUARTERLY WASTEWATER DISCHARGE REPORT
ROYERSFORD, PA

July 1993

ISOTOPE	CONCENTRATION $\mu\text{Ci/ml}$	% SEWER MPC
Cs-134	8.10E-7	.27
Cs-137	1.65E-6	.41
Co-60	1.16E-7	.12
Zn-65	7.06E-7	.02
Mn-54	5.89E-7	..02

August 1993

ISOTOPE	CONCENTRATION $\mu\text{Ci/ml}$	% SEWER MPC
Cs-134	3.77E-7	.13
Cs-137	9.88E-7	.25
Co-60	1.17E-6	.12
Zn-65	4.58E-7	.02
Mn-54	4.29E-7	.01

September 1993

ISOTOPE	CONCENTRATION $\mu\text{Ci/ml}$	% SEWER MPC
Cs-134	8.12E-7	.27
Cs-137	1.92E-6	.48
Co-60	1.69E-6	.17
Mn-54	3.83E-7	.01
Zn-65	5.50E-7	.02
Co58	3.34E-7	.01

July 1993 thru September 1993

ISOTOPE	CONCENTRATION $\mu\text{Ci/ml}$	% SEWER MPC
H-3	1.51E-5	.02
Sr-90	1.16E-8	.12
Sr-89	<MDA	
Tc-99	8.40-8	<0.01
Fe-55	<MDA	

Total volume discharged 3rd quarter 1993 was 726,682 gallons.
Total Activity discharged 3rd quarter 1993 was 55690 μCi .