



**INS**

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

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August 18, 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 April 1993 through June 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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9407190199 940615  
PDR ADOCK 03020934  
C PDR

**INS CORPORATION**  
**QUARTERLY WASTEWATER DISCHARGE REPORT**

**ROYERSFORD, PA**

April 1993

ISOTOPE	CONCENTRATION $\mu\text{Ci/ml}$	% SEWER MPC
Cs-134	5.05E-7	.17
Cs-137	1.32E-6	.33
Co-60	6.23E-7	.06
Co-58	5.82E-7	.02

May 1993

ISOTOPE	CONCENTRATION $\mu\text{Ci/ml}$	% SEWER MPC
Cs-134	4.89E-7	.16
Cs-137	1.32E-6	.33
Co-60	9.57E-7	.10
Co-58	9.61E-7	.03

June 1993

ISOTOPE	CONCENTRATION $\mu\text{Ci/ml}$	% SEWER MPC
Cs-134	5.90E-7	.20
Cs-137	1.68E-6	.42
Co-60	1.92E-6	.19
Mn-54	4.21E-7	.01
Zn-65	9.70E-7	.03
Co58	1.36E-7	<.01

April 1993 thru June 1993

ISOTOPE	CONCENTRATION $\mu\text{Ci/ml}$	% SEWER MPC
H-3	4.20E-5	.04
Sr-90	3.20E-8	.32
Sr-89	<MDA	
Tc-99	8.20-8	<0.01
Fe-55	<MDA	

Total volume discharged this quarter was 1,267,934 gallons.  
Total Activity discharged this quarter was 219860  $\mu\text{Ci}$ .