

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

February 25, 1994

Mr. Mohamed Shanbaky
Chief, R & D Section
Region I
475 Allendale Road
King of Prussia, PA 19406

RE: NRC License No. 37-23341-01

Mr. Shanbaky:

Attached is the quarterly wastewater discharge summary, October 1993 through December 1993, for our Royersford, PA facility. If you have any questions, please feel free to call me at the telephone number listed below.

Sincerely,

Kent Anderson
Health Physicist

cc: M. Bovino, Manager Health Physics and Engineering
J. Badey, Manager Western Operations
L. Rahilly, Radiation Safety Officer
file

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INS CORPORATION
QUARTERLY WASTEWATER DISCHARGE REPORT
ROYERSFORD, PA

October 1993

ISOTOPE	CONCENTRATION $\mu\text{Ci/ml}$	% SEWER MPC
Cs-134	3.85E-7	.13
Cs-137	1.02E-6	.26
Co-58	7.19E-7	.02
Co-60	9.9E-7	.10
Mn-54	2.39E-7	.01
Zn-65	2.92E-7	.01

November 1993

ISOTOPE	CONCENTRATION $\mu\text{Ci/ml}$	% SEWER MPC
Cs-134	1.61E-7	.05
Cs-137	3.78E-7	.09
Co-58	3.47E-7	.01
Co-60	5.15E-7	.05
Mn-54	2.68E-7	.01

December 1993

ISOTOPE	CONCENTRATION $\mu\text{Ci/ml}$	% SEWER MPC
Cs-134	3.00E-7	.10
Cs-137	1.57E-6	.39
Co-58	4.37E-7	.01
Co-60	9.18E-7	.09
Mn-54	4.89E-7	.02
Zn-65	2.86E-7	.01

October 1993 thru December 1993

ISOTOPE	CONCENTRATION $\mu\text{Ci/ml}$	% SEWER MPC
H-3	4.78E-6	.00
Sr-90	6.63E-8	.66
Tc-99	3.51E-7	.01
Fe-55	3.23E-6	.02

Total volume discharged 4th quarter 1993 was 1,834,245 gallons.

Total activity discharged 4th quarter 1993 was 79,515 μCi .