

October 22, 1990

Ms. Betsy Ullrich
Nuclear Regulatory Commission
Region I
475 Allendale Rd.
King of Prussia, PA 19406

Dear Ms. Ullrich:

RE: NRC License No. 37-23341-01

Enclosed please find quarterly summaries of wastewater discharges for July, 1990 through September, 1990. Please note that we are now sampling for pure beta emitters on a quarterly basis due to the fact that we have never, nor plan to, discharge to the surface (the initial purpose of monthly analysis). Furthermore, since we do not plan to discharge to the surface, we would like to discontinue reporting percent surface MPC on future quarterly summaries. Please advise me on your consideration of this request.

If we can provide further information, please call.

Sincerely,



Renee Echols
Health Physicist

cc: Jack Badey
Harry Barnes
Kurt Larson, ANI
Agency Corresp. File
Mike Bovino

9102270209 910211
REG1 LIC30
37-23341-01 PDR

INS CORPORATION
QUARTERLY WASTEWATER DISCHARGE REPORT
ROYERSFORD, PA

For the calendar quarter July, 1990 through September, 1990.

July, 1990

<u>ISOTOPE</u>	<u>CONCENTRATION</u> <u>(uCi/ml)</u>	<u>% SEWER MPC</u>	<u>% SURFACE MPC</u>
Cs-134	2.12 E-6	0.71	23.56
Cs-137	3.78 E-6	0.95	18.90
Co-60	5.93 E-6	0.59	19.77
Mn-54	1.71 E-6	0	1.71
Sr-89*	3.40 E-9	0	0.11
Sr-90*	1.43 E-6	14.30	476.70
Fe-55*	3.21 E-7	0	0
Ni-63*	1.00 E-8	0	0

August, 1990

<u>ISOTOPE</u>	<u>CONCENTRATION</u> <u>(uCi/ml)</u>	<u>% SEWER MPC</u>	<u>% SURFACE MPC</u>
Cs-134	1.53 E-6	0.51	17.00
Cs-137	2.72 E-6	0.68	13.60
Co-58	7.95 E-7	0	0.88
Co-60	4.77 E-6	0.48	15.90
Mn-54	1.03 E-6	0	1.03

September, 1990

<u>ISOTOPE</u>	<u>CONCENTRATION</u> <u>(uCi/ml)</u>	<u>% SEWER MPC</u>	<u>% SURFACE MPC</u>
Cs-134	2.33 E-6	0.78	25.89
Cs-137	3.89 E-6	0.97	19.45
Co-58	3.58 E-7	0	0.40
Co-60	4.70 E-6	0.47	15.67
Mn-54	1.69 E-6	0	1.69

* Beta analyses are now done on a quarterly basis instead of monthly.

The total volume discharged this quarter was 32,830 ft³
The total activity discharged this quarter was 10,989.5 uCi.