

APR 19 1993

Docket No. 030-20934

License No. 37-23341-01

Interstate Nuclear Services
ATTN: Michael Bovino, CHP
Manager, Health Physics and Engineering
295 Parker Street
P. O. Box 51957
Springfield, Massachusetts 01151

Dear Mr. Bovino:

This refers to your letters dated October 20, 1992 and March 3, 1993 submitting the wastewater discharge summaries for the periods of July 1992 through September 1992 and October 1992 through December 1992. This also refers to our letter dated September 9, 1992 requesting additional information regarding the sampling and analysis on which these results are based.

Thank you for providing the quarterly summaries. However, the descriptions of the 1.) collection of samples; 2.) analyses performed; and 3.) calculations used to determine the monthly concentrations and total activity discharged were not included with the third quarter summary as requested in our letter. Please provide this information with the next quarterly summary report.

Your cooperation with us is appreciated.

Sincerely,
Original Signed By:
John D. Kinneman
John D. Kinneman, Chief
Research, Development, and
Decommissioning Section
Division of Radiation Safety and
Safeguards

cc:
Public Document Room (PDR)
Nuclear Safety Information Center (NSIC)
Commonwealth of Pennsylvania
Brian Fischer, Health Physicist

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March 9, 1993

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RETURN ORIGINAL TO
REGION I

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Interstate Nuclear Services

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Region I Docket Room (w/concurrences)

E. Ullrich, RI

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October 20, 1992

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

Dear Ms. Ullrich:

RE: NRC License No. 37-23341-01

Enclosed please find the quarterly summaries of wastewater discharges of our Royersford, PA facility for July 1992 through September 1992. If we can provide further information, please call.

Sincerely,

Brian Fischer
Health Physicist

cc: Mike Bovino
Jack Badey
Harry Barnes
Bruce Ernst, ANI
Agency Corresp. File

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INS CORPORATION
QUARTERLY WASTEWATER DISCHARGE REPORT
ROYERSFORD, PA

July 1992

ISOTOPE	CONCENTRATION $\mu\text{Ci/ml}$	% SEWER MPC
Cs-134	3.46E-7	.12
Cs-137	1.75E-6	.44
Co-58	1.40E-7	<.01
Co-60	2.58E-7	.03
Mn-54	9.84E-8	<.01
Zn-65	1.01E-7	<.01

August 1992

ISOTOPE	CONCENTRATION $\mu\text{Ci/ml}$	% SEWER MPC
Cs-134	1.33E-7	.04
Cs-137	1.87E-6	.47
Co-58	7.10E-8	<.01
Co-60	3.10E-7	.03
Mn-54	8.93E-8	<.01

September 1992

ISOTOPE	CONCENTRATION $\mu\text{Ci/ml}$	% SEWER MPC
Cs-137	3.10E-7	.08
Co-60	4.75E-7	.05
Mn-54	3.10E-7	.01
Zn-65	4.66E-7	.02

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July 1992 through September 1992

ISOTOPE	CONCENTRATION $\mu\text{Ci/ml}$	% SEWER MPC
H-3	1.95E-5	.02
Sr-90	1.8E-8	.18
Sr-89	<MDA	
Tc-99	6.8E-8	<0.01
Fe-55	3.0E-7	<0.01

Total volume discharged this quarter was 115909 ft³.

Total Activity discharged this quarter was 71,904 μCi .



UNS

INTERSTATE NUCLEAR SERVICES
A DIVISION OF UNIFIRST CORPORATION

March 3, 1993

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

Dear Ms. Ullrich:

RE: NRC License No. 37-23341-01

Enclosed please find the quarterly summaries of wastewater discharges of our Royersford, PA facility for October 1992 through December 1992. If we can provide further information, please call.

Sincerely,

Brian Fischer
Health Physicist

cc: Mike Bovino
Jack Badey
Harry Barnes
Bruce Ernst, ANI
Agency Corresp. File

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INS CORPORATION

QUARTERLY WASTEWATER DISCHARGE REPORT

ROYERSFORD, PA

October 1992

ISOTOPE	CONCENTRATION $\mu\text{Ci/ml}$	% SEWER MPC
Cs-134	9.18E-8	.03
Cs-137	3.02E-7	.08
Co-60	5.80E-7	.06
Mn-54	4.50E-7	.02
Zn-65	1.88E-6	.06

November 1992

ISOTOPE	CONCENTRATION $\mu\text{Ci/ml}$	% SEWER MPC
Cs-134	1.41E-7	.05
Cs-137	7.11E-7	.18
Co-60	2.74E-7	.03
Mn-54	1.01E-7	<.01

December 1992

ISOTOPE	CONCENTRATION $\mu\text{Ci/ml}$	% SEWER MPC
Cs-134	2.01E-7	.07
Cs-137	1.18E-6	.30
Co-60	1.85E-6	.18
Mn-54	4.24E-7	.01
Zn-65	4.39E-7	.01

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October 1992 through December 1992

ISOTOPE	CONCENTRATION $\mu\text{Ci/ml}$	% SEWER MPC
H-3	1.08E-5	.01
Sr-90	1.69-8	.17
Sr-89	<MDA	
Tc-99	2.31-7	<0.01
Fe-55	<MDA	

Total volume discharged this quarter was 179,631 ft³.
Total Activity discharged this quarter was 56,765 μCi .