

JAN 23 1992

License No. 37-23341-01

Docket No. 030-20934

Borough of Royersford  
ATTN: Michael Claflin  
Wastewater Treatment Facility  
300 Main Street  
P.O. Box 188  
Royersford, Pennsylvania 19468

Dear Mr. Claflin:

Subject: Third Quarter 1991 Wastewater Discharge Report from INS Corporation  
and Third Quarter 1991 Results of TLD Direct Radiation Environmental  
Monitoring at Royersford Wastewater Treatment Facility

Enclosed are the results of analyses of discharges made by the INS Corporation to the Royersford Wastewater Treatment Facility during the months of July, August, and September of 1991. Also included are the results of the TLD dosimeters used to monitor environmental radiation levels during the period of June 27 through October 2, 1991. Please contact me if you have any questions.

Your cooperation with us is appreciated.

Sincerely,

Original Signed By:  
Francis M. Costello

Francis M. Costello, Chief  
Research, Development &  
Decommissioning Section  
Division of Radiation Safety  
and Safeguards

Enclosures:

1. Letter dated November 12, 1991
2. TLD Direct Radiation Environmental Monitoring Records

cc w/enclosures  
Public Document Room (PDR)  
Nuclear Safety Information Center (NSIC)  
Commonwealth of Pennsylvania

OFFICIAL RECORD COPY

LTR ROYERSFORD - 0001.0.0  
01/14/92 RETURN ORIGINAL TO  
REGION I

9202110233 920123  
REG1 LIC30  
37-23341-01 PDR

IE:07

cc (continued):  
Interstate Nuclear Services  
ATTN: H. Burns, Plant Manager  
North Third Avenue  
Royersford, Pennsylvania 19468

Commonwealth of Pennsylvania  
Department of Environmental Resources  
ATTN: Ivna Shanbaky  
1875 New Hope Street  
Norristown, Pennsylvania 19401

Commonwealth of Pennsylvania  
Department of Environmental Resources  
ATTN: Margaret Reilly  
P.O. Box 2063  
Harrisburg, Pennsylvania 17120

bcc:  
Region I Docket Room (w/concurrences)  
E. Ullrich, RI  
J. Kinneman, RI

*M. MILLER*

RI:DRSS  
*[Signature]*  
Ullrich/bj  
01/15/91

*PMC*  
RI:DRSS  
Costello  
01/13/91

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LTR ROYERSFORD - 0002.0.0  
01/14/92

INS

TLD Direct Radiation Environmental Monitoring

For the period 910613-911114 155 Days

Field Time: 98 Days

NRC Sta	Location Azimuth/Dist (Deg)/(Mi)	Gross Exposure (mR) +-Rdm; Tot.	Net Exposure Rate (mR/Std. Qtr.) +-Rdm; Tot.	Hist. Range Net Exp Rate +-1 Std Dev
1	0 0.0	212.9 +- 6.4; 31.9	190.4 +- 5.9; 29.5	97.1 +-45.6
2	0 0.0	237.2 +- 7.1; 35.6	212.8 +- 6.5; 32.8	110.4 +-54.8
3	0 0.0	26.2 +- 0.8; 3.9	19.1 +- 0.8; 4.7	19.9 +- 4.2
4	0 0.0	46.3 +- 1.4; 6.9	37.5 +- 1.3; 7.1	30.7 +- 8.0
5	0 0.0	23.1 +- 0.7; 3.5	16.2 +- 0.7; 4.4	17.2 +- 3.2
6	0 0.0	24.5 +- 0.7; 3.7	17.5 +- 0.8; 4.5	18.9 +- 1.9
7	0 0.0	25.5 +- 0.8; 3.8	18.4 +- 0.8; 4.6	22.2 +- 8.6
8	0 0.0	27.2 +- 0.8; 4.1	19.9 +- 0.8; 4.8	20.6 +- 4.4
9	0 0.0	22.5 +- 0.7; 3.4	15.6 +- 0.7; 4.3	20.9 +- 3.1
10	0 0.0	25.2 +- 0.8; 3.8	18.1 +- 0.8; 4.6	18.4 +- 1.4
11	0 0.0	24.7 +- 0.7; 3.7	17.7 +- 0.8; 4.6	19.5 +- 3.3
12	0 0.0	34.0 +- 1.0; 5.1	26.2 +- 1.0; 5.6	27.9 +- 1.7
13	0 0.0	50.2 +- 1.5; 7.5	41.1 +- 1.4; 7.6	33.9 +-13.0
14	0 0.0	39.4 +- 1.2; 5.9	31.1 +- 1.1; 6.2	27.8 +- 4.2
15	0 0.0	22.0 +- 0.7; 3.3	15.1 +- 0.7; 4.3	16.7 +- 2.2
16	0 0.0	26.4 +- 0.8; 4.0	19.2 +- 0.8; 4.7	21.1 +- 3.2

Transit Dose = 5.5 +- 0.4; 3.3