

November 15, 1999

Docket No. 030-20934

License No. 37-23341-01

Michael Clafin  
Superintendent  
Wastewater Treatment Facility  
Borough of Royersford  
300 Main Street  
P.O. Box 188  
Royersford, PA 19468

SUBJECT: 1) Second Quarter 1999 TLD Monitoring Results  
2) Third Quarter 1999 TLD Monitoring Results  
3) INS Quarterly Report - Second Quarter 1999

Dear Mr. Clafin:

Enclosed are the results of the TLD Monitoring performed by the NRC at the Royersford Wastewater Treatment Facility for the periods April 7 through July 8, 1999 (second quarter) and July 8 through October 15, 1999 (third quarter). Also enclosed is the quarterly report of effluent releases made by Interstate Nuclear Services during the second quarter of 1999.

Thank you for your cooperation.

Sincerely,

*Original signed by John D. Kinneman*

John D. Kinneman, Chief  
Nuclear Materials Safety Branch 2  
Division of Nuclear Materials Safety

Enclosures

1. Second Quarter 1999 TLD Monitoring Results
2. Third Quarter 1999 TLD Monitoring Results
3. INS Quarterly Report - Second Quarter 1999

cc:

Daniel R. Neeley, INS, Radiation Safety Officer  
Michael Fuller, INS, Manager, Health Physics and Engineering  
David Allard, Director, PADEP/BRP  
Ivna Shanbaky, PADEP

IE07

PDR ADOCK

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DATE	11/15/99		11/15/99		11/ /99		11/ /99	

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Enclosure 2: Landauer TLD Results

Period: July 8 through October 15, 1999

<u>Location</u>	<u>Gross Exposure, Standard Calendar Quarter (millirem)</u>
1. Reed Bed #1, Cell A	851.4
2. Reed Bed #2, Cell B	897.3
3. Fence by Reed Bed #1 (east)	41.0
4. Settling tanks rail - by Reed Bed #1	127.4
5. Settling tanks rail - by Secondary Digester	Missing
6. Rear Fence (north)	24.6
7. Fence by Reed Bed #2 (west)	22.8
8. Light Switch of Storage Building	23.1
9. Secondary Digester - center of west side	Missing
10. 2 <sup>nd</sup> Story rail by Office back door	Missing
11. Front fence (south)	26.2
12. Support rail of stairway to Office back door	24.8
13. Primary Digester - top of ladder	73.8
14. Secondary Digester - center of east side	123.2
15. Settling tanks rail - path to Laboratory Building	28.2
16. Laboratory (previous office)	26.8
xx. Deploy dosimeter	16.6
xx. Transit dosimeter	18.2

## Enclosure 1: Landauer TLD Results

Period: April 7 through July 8, 1999

<u>Location</u>	<u>Gross Exposure, Standard Calendar Quarter (millirem)</u>
1. Reed Bed #1, Cell A	565.9
2. Reed Bed #2, Cell B	713.7
3. Fence by Reed Bed #1 (east)	39.2
4. Settling tanks rail - by Reed Bed #1	96.2
5. Settling tanks rail - by Secondary Digester	33.0
6. Rear Fence (north)	14.8
7. Fence by Reed Bed #2 (west)	22.3
8. Light Switch of Storage Building	23.0
9. Secondary Digester - center of west side	24.9
10. 2 <sup>nd</sup> Story rail by Office back door	24.2
11. Front fence (south)	23.6
12. Support rail of stairway to Office back door	22.7
13. Primary Digester - top of ladder	107.5
14. Secondary Digester - center of east side	77.5
15. Settling tanks rail - path to Laboratory Building	21.2
16. Laboratory (previous office)	28.7
xx. Deploy dosimeter	20.8
xx. Transit dosimeter	17.7