



UNITED STATES  
NUCLEAR REGULATORY COMMISSION

REGION I  
475 ALLENDALE ROAD  
KING OF PRUSSIA, PA 19406-1415

May 11, 2000

Docket No. 030-20934

License No. 37-23341-01

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

SUBJECT: First Quarter 2000 TLD Monitoring Results

Dear Mr. Claffin:

Enclosed are the results of the TLD Monitoring performed by the NRC at the Royersford Wastewater Treatment Facility for the period January 3, 2000, through April 4, 2000 (first quarter 2000). If you have any questions, please contact Betsy Ullrich of my staff at (610) 337-5040.

Thank you for your cooperation.

Sincerely,

***Original signed by Judith A. Joustra***

Judith A. Joustra  
Acting Branch Chief  
Nuclear Materials Safety Branch 2  
Division of Nuclear Materials Safety

cc:

Daniel R. Neeley, Radiation Safety Officer, Unitech  
Michael Fuller, Manager, Health Physics and Engineering, Unitech  
David Allard, Director, Bureau of Radiation Protection, PADEP  
Ivna Shanbaky, PADEP

M. Claflin  
Wastewater Treatment Facility

2

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NAME	Eullrich EXU		Jjoustra JAJ				
DATE	5/11/00		5/11/00				

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Enclosure 1: Landauer TLD Results

Period: January 3 through April 4, 2000

<u>Location</u>	<u>Gross Exposure, Standard Calendar Quarter (millirem)</u>
1. Reed Bed #1, Cell A	595.3
2. Reed Bed #2, Cell B	552.6
3. Fence by Reed Bed #1 (east)	35.7
4. Settling tanks rail - by Reed Bed #1	83.7
5. Settling tanks rail - by Secondary Digester	34.7
6. Rear Fence (north)	25.6
7. Fence by Reed Bed #2 (west)	22.7
8. Light Switch of Storage Building	22.6
9. Secondary Digester - center of west side	28.1
10. 2 <sup>nd</sup> Story rail by Office back door	23.4
11. Front fence (south)	24.9
12. Support rail of stairway to Office back door	26.1
13. Primary Digester - top of ladder	75.6
14. Secondary Digester - center of east side	70.7
15. Settling tanks rail - path to Laboratory Building	28.1
16. Laboratory (previous office)	32.5
xx. Deploy dosimeter	19.7
xx. Transit dosimeter	18.7