



**UNITED STATES  
NUCLEAR REGULATORY COMMISSION**

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

February 23, 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: Fourth Quarter 1999 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 October 15, 1999 through January 3, 2000 (fourth quarter 1999). 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 John D. Kinneman***

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

Enclosure:  
Fourth Quarter 1999 TLD Monitoring Results

cc:  
Daniel R. Neeley, UniTech Services Group, Radiation Safety Officer  
Michael Fuller, UniTech Services Group, Manager, Health Physics and Engineering  
David Allard, Director, PADEP/BRP  
Ivna Shanbaky, PADEP

M. Claflin  
Wastewater Treatment Facility

2

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NAME	Eullrich EXU		Jkinneman JDK				
DATE	02/15/00		02/15/00				

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Enclosure 1: Landauer TLD Results

Period: October 15, 1999 through January 3, 2000

<u>Location</u>	<u>Gross Exposure, Standard Calendar Quarter (millirem)</u>
1. Reed Bed #1, Cell A	665.8
2. Reed Bed #2, Cell B	704.9
3. Fence by Reed Bed #1 (east)	35.6
4. Settling tanks rail - by Reed Bed #1	108.4
5. Settling tanks rail - by Secondary Digester	42.6
6. Rear Fence (north)	24.1
7. Fence by Reed Bed #2 (west)	22.6
8. Light Switch of Storage Building	21.6
9. Secondary Digester - center of west side	24.1
10. 2 <sup>nd</sup> Story rail by Office back door	22.6
11. Front fence (south)	22.4
12. Support rail of stairway to Office back door	23.7
13. Primary Digester - top of ladder	64.4
14. Secondary Digester - center of east side	89.8
15. Settling tanks rail - path to Laboratory Building	23.4
16. Laboratory (previous office)	27.2
xx. Deploy dosimeter	16.8
xx. Transit dosimeter	17.2