



UNITED STATES  
**NUCLEAR REGULATORY COMMISSION**  
REGION I  
475 ALLENDALE ROAD  
KING OF PRUSSIA, PENNSYLVANIA 19406-1415

December 18, 2001

Docket No. 03020934

License No. 37-23341-01

Michael Claflin  
Superintendent, Wastewater Treatment Facility  
Borough of Royersford  
300 Main Street  
Royersford, PA 19468

SUBJECT: SECOND AND THIRD QUARTERS 2001 TLD MONITORING RESULTS

Dear Mr. Claflin:

Enclosed are the results of the TLD Monitoring performed by the NRC at the Royersford Wastewater Treatment Facility for the periods of March 29 through July 2, 2001 (second quarter 2001) and July 2 through October 3, 2001 (third quarter 2001). Please note that third quarter TLD monitors from six locations, and the deploy control monitor, are marked as missing. These monitors were lost in transit after retrieval from your facility.

If you have any questions about the information provided with this letter, please contact me 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

Enclosures:

1. Second Quarter 2001 TLD Monitoring Results
2. Third Quarter 2001 TLD Monitoring Results

cc:

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

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NAME	Eullrich/jdk for		JKinneman/jdk			
DATE	12/18/2001		12/18/2001			

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## Enclosure 1: Landauer TLD Results

Period: March 29 through July 2, 2001

<u>Location</u>	<u>Gross Exposure, Standard Calendar Quarter (millirem)</u>
1. Reed Bed #1, Cell A	908.4
2. Reed Bed #2, Cell B	568.7
3. Fence by Reed Bed #1 (east)	48.8
4. Settling tanks rail - by Reed Bed #1	133.5
5. Settling tanks rail - by Secondary Digester	49.4
6. Rear Fence (north)	28.2
7. Fence by Reed Bed #2 (west)	24.1
8. Light Switch of Storage Building	24.7
9. Secondary Digester - center of west side	27.9
10. 2 <sup>nd</sup> Story rail by Office back door	27.1
11. Front fence (south)	27.6
12. Support rail of stairway to Office back door	28.7
13. Primary Digester - top of ladder	144.4
14. Secondary Digester - center of east side	90.4
15. Settling tanks rail - path to Laboratory Building	30.4
16. Laboratory (previous office)	31.3
xx. Deploy dosimeter	18.8
xx. Transit dosimeter	20.3

Enclosure 2: Landauer TLD Results

Period: July 2 through October 3, 2001

<u>Location</u>	<u>Gross Exposure, Standard Calendar Quarter (millirem)</u>
1. Reed Bed #1, Cell A	missing
2. Reed Bed #2, Cell B	657.0
3. Fence by Reed Bed #1 (east)	missing
4. Settling tanks rail - by Reed Bed #1	missing
5. Settling tanks rail - by Secondary Digester	61.2
6. Rear Fence (north)	31.5
7. Fence by Reed Bed #2 (west)	29.1
8. Light Switch of Storage Building	25.6
9. Secondary Digester - center of west side	missing
10. 2 <sup>nd</sup> Story rail by Office back door	30.6
11. Front fence (south)	missing
12. Support rail of stairway to Office back door	32.1
13. Primary Digester - top of ladder	116.9
14. Secondary Digester - center of east side	102.8
15. Settling tanks rail - path to Laboratory Building	missing
16. Laboratory (previous office)	35.2
xx. Deploy dosimeter	missing
xx. Transit dosimeter	22.5