



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

January 27, 2004

Docket No. 03020934

License No. 37-23341-01

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

SUBJECT: REPORT OF THIRD AND FOURTH QUARTERS 2003 ENVIRONMENTAL TLD
MONITORING RESULTS

Dear Mr. Jakoby:

Enclosed are the results of the environmental TLD monitoring performed by the NRC at the Royersford Wastewater Treatment Facility for the period of July 2 through October 2, 2003 (third quarter 2003). Also enclosed are the results of the environmental TLD monitoring for the period of October 3, 2003 through January 7, 2004 (fourth quarter 2003). 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 Elizabeth Ullrich

Betsy Ullrich
Senior Health Physicist
Nuclear Materials Safety Branch 2
Division of Nuclear Materials Safety

cc:

Daniel R. Neeley, Plant Manager and RSO
Michael Fuller, Manager, Health Physics and Engineering
David Allard, Director, PADEP
George Karron, PADEP

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NAME	EUllrich/eu					
DATE	01/26/04					

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Enclosure 1: Landauer TLD Results

Period: July 2 through October 2, 2003

<u>Location</u>	<u>Gross Exposure, Standard Calendar Quarter (millirem)</u>
1. Reed Bed #1, Cell A	1345.5
2. Reed Bed #2, Cell B	775.1
3. Fence by Reed Bed #1 (east)	55.5
4. Settling tanks rail - by Reed Bed #1	186.6
5. Settling tanks rail - by Secondary Digester/Trickling Filters	52.9
6. Rear Fence (north)	28.4
7. Fence by Reed Bed #2 (west)	24.5
8. Light Switch of Storage Building	25.7
9. Secondary Digester - center of west side	27.8
10. 2 nd Story rail by Office back door	29.0
11. Front fence (south)	30.7
12. Support rail of stairway to Office back door	30.3
13. Primary Digester - top of ladder	
	111.4
14. Secondary Digester - center of east side	133.5
15. Settling tanks rail - path to Laboratory Building	31.9
16. Office	missing
xx. Deploy dosimeter	Second and Third Quarter total
xx. Transit dosimeter	Second and Third Quarter total
	18.7
	19.2

Period: October 3, 2003 through January 7, 2004

<u>Location</u>	<u>Gross Exposure, Standard Calendar Quarter (millirem)</u>
1. Reed Bed #1, Cell A	1144.0
2. Reed Bed #2, Cell B	655.1
3. Fence by Reed Bed #1 (east)	46.8
4. Settling tanks rail - by Reed Bed #1	151.8
5. Settling tanks rail - by Secondary Digester/Trickling Filters	46.6
6. Rear Fence (north)	30.8
7. Fence by Reed Bed #2 (west)	25.9
8. Light Switch of Storage Building	26.6
9. Secondary Digester - center of west side	21.4
10. 2 nd Story rail by Office back door	25.0
11. Front fence (south)	27.8
12. Support rail of stairway to Office back door	29.0
13. Primary Digester - top of ladder	
	27.7
14. Secondary Digester - center of east side	111.8
15. Settling tanks rail - path to Laboratory Building	101.1
16. Office	
	Third and Fourth Quarter total: 41.1
xx. Deploy dosimeter	18.7
xx. Transit dosimeter	19.2