

November 15, 1999

Docket No. 030-20934

License No. 37-23341-01

Michael Claflin
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. Claflin:

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

M. Claflin
Wastewater Treatment Facility

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|--------|----------|---|-------------|---|---------|--|---------|--|
| OFFICE | DNMS/RI | N | DNMS/RI | N | | | | |
| NAME | Fullrich | | J. Hinneman | | | | | |
| DATE | 11/15/99 | | 11/15/99 | | 11/ /99 | | 11/ /99 | |

OFFICIAL RECORD COPY

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 nd 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 thorough 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 nd 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 |