



Entergy

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United States Nuclear Regulatory Commission  
Attn: Document Control Desk  
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Washington, DC 20555

SUBJECT: 2002 PERSONNEL RADIATION EXPOSURE SUMMARY REPORT, DPR-59,  
DOCKET 50-333

Attached is the 2002 Personnel Radiation Exposure Summary Report submitted in accordance with the James A. FitzPatrick Nuclear Power Plant operating license DPR-59 Appendix A, Section 6.9(A)2a. The summary is formatted in accordance with Regulatory Guide 1.16.

For calendar year 2002 the total collective station dose was 230.294 person-rem (TEDE). The enclosed summary accounts for 96% of 229.40 person-rem which is the dose that can be attributed to the listed job functions. The difference is due to occupational exposure received for work performed outside of the listed job functions.

If you have any questions concerning this report, please contact Marcia Anderson of the plant staff at 315-349-6724.

Very truly yours,



T.A. SULLIVAN

RB  
RLB/TAS/bld

Enclosure

xc: NRC Regional Administrator  
NRC Resident Inspector  
Kevin Pushee  
Licensing  
Mike Colomb  
RP File (3)

IE56

| Work and Job Function                     | All Personnel     |                   |                        | Total Person-Rem  |                   |                        |
|---|-------------------|-------------------|------------------------|-------------------|-------------------|------------------------|
|   | Station Employees | Utility Employees | Contractors and Others | Station Employees | Utility Employees | Contractors and Others |
| <b>Reactor Operation and Surveillance</b> |                   |                   |                        |                   |                   |                        |
| - Maintenance                             | 19                | 0                 | 31                     | 0.311             | 0.000             | 0.707                  |
| - Operations Personnel                    | 21                | 0                 | 1                      | 0.189             | 0.000             | 0.000                  |
| - Health Physics                          | 32                | 0                 | 1                      | 0.511             | 0.000             | 0.000                  |
| - Supervisory Personnel                   | 19                | 0                 | 12                     | 0.101             | 0.000             | 0.181                  |
| - Engineering Personnel                   | 4                 | 1                 | 11                     | 0.024             | 0.000             | 0.049                  |
| <b>Routine Maintenance</b>                |                   |                   |                        |                   |                   |                        |
| - Maintenance                             | 127               | 2                 | 874                    | 27.949            | 0.006             | 81.989                 |
| - Operations Personnel                    | 141               | 0                 | 34                     | 19.326            | 0.000             | 0.724                  |
| - Health Physics                          | 74                | 0                 | 62                     | 13.463            | 0.000             | 4.647                  |
| - Supervisory Personnel                   | 119               | 13                | 142                    | 2.565             | 0.002             | 3.890                  |
| - Engineering Personnel                   | 100               | 15                | 99                     | 3.015             | 0.053             | 3.721                  |
| <b>Inservice Inspection</b>               |                   |                   |                        |                   |                   |                        |
| - Maintenance                             | 11                | 0                 | 309                    | 0.017             | 0.000             | 33.240                 |
| - Operations Personnel                    | 25                | 0                 | 1                      | 2.036             | 0.000             | 0.201                  |
| - Health Physics                          | 10                | 0                 | 3                      | 0.022             | 0.000             | 0.014                  |
| - Supervisory Personnel                   | 10                | 1                 | 15                     | 0.211             | 0.000             | 0.376                  |
| - Engineering Personnel                   | 7                 | 3                 | 2                      | 0.015             | 0.020             | 0.334                  |
| <b>Special Maintenance</b>                |                   |                   |                        |                   |                   |                        |
| - Maintenance                             | 4                 | 0                 | 0                      | 0.000             | 0.000             | 0.000                  |
| - Operations Personnel                    | 3                 | 0                 | 0                      | 0.000             | 0.000             | 0.000                  |
| - Health Physics                          | 19                | 0                 | 0                      | 0.001             | 0.000             | 0.000                  |
| - Supervisory Personnel                   | 1                 | 0                 | 0                      | 0.000             | 0.000             | 0.000                  |
| - Engineering Personnel                   | 1                 | 0                 | 0                      | 0.000             | 0.000             | 0.000                  |
| <b>Waste Processing</b>                   |                   |                   |                        |                   |                   |                        |
| - Maintenance                             | 0                 | 0                 | 0                      | 0.000             | 0.000             | 0.000                  |
| - Operations Personnel                    | 0                 | 0                 | 0                      | 0.000             | 0.000             | 0.000                  |
| - Health Physics                          | 13                | 0                 | 0                      | 0.323             | 0.000             | 0.000                  |
| - Supervisory Personnel                   | 0                 | 0                 | 0                      | 0.000             | 0.000             | 0.000                  |
| - Engineering Personnel                   | 0                 | 0                 | 0                      | 0.000             | 0.000             | 0.000                  |
| <b>Refueling</b>                          |                   |                   |                        |                   |                   |                        |
| - Maintenance                             | 50                | 0                 | 62                     | 1.314             | 0.000             | 10.101                 |
| - Operations Personnel                    | 27                | 0                 | 6                      | 0.887             | 0.000             | 0.705                  |
| - Health Physics                          | 44                | 0                 | 13                     | 3.037             | 0.000             | 1.318                  |
| - Supervisory Personnel                   | 18                | 0                 | 11                     | 0.116             | 0.000             | 0.624                  |
| - Engineering Personnel                   | 9                 | 1                 | 16                     | 0.022             | 0.026             | 1.720                  |
| <b>TOTALS</b>                             |                   |                   |                        |                   |                   |                        |
| - Maintenance                             | 211               | 2                 | 1276                   | 29.592            | 0.006             | 126.036                |
| - Operations Personnel                    | 217               | 0                 | 42                     | 22.438            | 0.000             | 1.630                  |
| - Health Physics                          | 192               | 0                 | 79                     | 17.357            | 0.000             | 5.979                  |
| - Supervisory Personnel                   | 167               | 14                | 180                    | 2.994             | 0.002             | 5.071                  |
| - Engineering Personnel                   | 121               | 20                | 128                    | 3.075             | 0.099             | 5.824                  |
| <b>GRAND TOTALS</b>                       |                   |                   |                        |                   |                   |                        |
|   | 908               | 36                | 1705                   | 75.456            | 0.107             | 144.540                |