

April 21, 2022

Dr. Terry Brock
REIRS Point of Contact
Office of Nuclear Regulatory Research
U.S. Nuclear Regulatory Commission
Mail Stop: 2WFN-08D39
Washington, DC 20555-0001

Peach Bottom Atomic Power Station, Units 1, 2, and 3
Facility Operating License Numbers, DPR-12, DPR-44 and DPR-56
NRC Docket Nos. 50-171, 50-277 and 50-278

Subject: Peach Bottom Atomic Power Station 2021 Occupational Exposure Report
(10 CFR 20.2206(b) Submittal)

REIRS Project Manager:

Enclosed is Peach Bottom Atomic Power Station's Occupational Radiation Exposure Data for 2021. This information is sent pursuant to the requirements of 10 CFR 20.2206(b) & (c) and was submitted electronically via the REIRS website on 04/14/2022 at 05:56:57.

Between January 1, 2021 and December 31, 2021, a total of 2,718 individuals were monitored for occupational exposure to ionizing radiation at Peach Bottom. The total collective TEDE of the 2,718 monitored individuals was 132.570 person-rem. Additionally, in accordance with our regulatory commitments T04642 and T04643, the apportionment of radiation dose between the operating units (Units 2 & 3) is 132.570 person-rem and the shutdown unit (Unit 1) is 0.000 person-rem.

If there are any questions regarding the electronic submission, please contact Ryan Knox at 717-456-3643 or via email at Ryan.Knox@constellation.com.

Sincerely,

Ronald J. DiSabatino Jr.
Plant Manager
Peach Bottom Atomic Power Station

CCN 22-37

Enclosure

cc: Scott Rutenkroger, Senior Resident Inspector, USNRC PBAPS
D.C. Lew, Regional Administrator, USNRC Region I
Richard Clement, Rad Protection Branch, NRR, USNRC
Edward Stutzcage, Rad Protection Branch, NRR, USNRC

MEMORANDUM

4/14/2022

License No: DPR-44

Licensee Name: PEACH BOTTOM

Contact Person: Ryan Knox

Associated Licenses: DPR-56

| | Number | TEDE |
|------------------------------|--------|---------|
| No measurable exp. | 1315 | 0.000 |
| Meas. - 0.100 | 978 | 36.655 |
| 0.100 - 0.250 | 296 | 46.508 |
| 0.250 - 0.500 | 111 | 38.159 |
| 0.500 - 0.750 | 17 | 10.353 |
| 0.750 - 1.000 | 1 | 0.895 |
| 1.000 - 2.000 | 0 | 0.000 |
| 2.000 - 3.000 | 0 | 0.000 |
| 3.000 - 4.000 | 0 | 0.000 |
| 4.000 - 5.000 | 0 | 0.000 |
| 5.000 - 6.000 | 0 | 0.000 |
| 6.000 - 7.000 | 0 | 0.000 |
| 7.000 - 8.000 | 0 | 0.000 |
| 8.000 - 9.000 | 0 | 0.000 |
| 9.000 - 10.00 | 0 | 0.000 |
| 10.00 - 11.00 | 0 | 0.000 |
| 11.00 - 12.00 | 0 | 0.000 |
| > 12.00 | 0 | 0.000 |
| Number with Measurable: | 1403 | |
| Total Monitored: | 2718 | |
| Total Collective TEDE (rem): | | 132.570 |
| Total CDE: | | 0.000 |
| Total CEDE: | | 0.000 |
| Number of Intake Records: | 0 | |
| Validation Status | | |
| Errors: | 0 | |
| Warnings: | 9 | |

Age > 80 YO indicates possible error in birthdate: (9)

Note: The results of this report are in question due to issues identified by REIRView. Please examine and verify the following warnings and/or errors. Note that WARNING alerts are generally about format and data that appear questionable, while ERROR alerts generally indicate values that are inconsistent or appear to be invalid that the licensee should address prior to submittal.