Duke Energy

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U.S. Nuclear Regulatory Commission
Document Control Desk
Washington, D.C. 20555

Subject: Oconee Nuclear Site
Docket Nos. 50-269, 50-270 and 50-287
Annual Effluent Release Report

Gentlemen:

Pursuant to Oconee Nuclear Site Selected Licensee Commitment Manual, SLC 16.11-9, and 10 CFR 50.36a(a)(2), please find attached the Annual Radioactive Effluent Release Report for the 2001 calendar year.

Should there be questions concerning this report please contact Judy E. Smith at (864) 885-4309.

Very truly yours,

W. R. McCollum, Jr.
Site Vice President
Oconee Nuclear Site

Attachments

IE48

xc: Mr. L. A. Reyes
Regional Administrator, Region II

Mr. L. N. Olshan
Project Manager, ONRR

Mr. M. C. Shannon
Senior Resident Inspector, ONS

Mr. Virgil R. Autry, Chief
Bureau of Radiological Health, SC

American Nuclear Insurers
ANI Library
Town Center, Suite 300S
29 South Main Street
West Hartford, CT 06107-2445

# Attachment 1

# Oconee Nuclear Site

# Effluent Release Data
# And Supplemental Information

# TABLE 1A

## EFFLUENT AND WASTE DISPOSAL ANNUAL REPORT
## PERIOD 1/1/01 TO 1/1/02
## GASEOUS EFFLUENTS - SUMMATION OF ALL RELEASES

## Oconee Nuclear Station Units 1, 2, & 3

| REPORT FOR 2001 | Unit | QTR 1 | QTR 2 | QTR 3 | QTR 4 | YEAR |
|---|---|---|---|---|---|---|
| A. Fission and Activation Gases | | | | | | |
| 1. Total Release | Ci | 5.40E+00 | 4.02E+00 | 1.79E-01 | 2.49E+00 | 1.21E+01 |
| 2. Avg. Release Rate | µCi/sec | 6.95E-01 | 5.11E-01 | 2.25E-02 | 3.13E-01 | 3.83E-01 |
| B. Iodine-131 | | | | | | |
| 1. Total Release | Ci | 1.15E-05 | 6.08E-04 | 0.00E+00 | 2.10E-05 | 6.40E-04 |
| 2. Avg. Release Rate | µCi/sec | 1.48E-06 | 7.73E-05 | 0.00E+00 | 2.65E-06 | 2.03E-05 |
| C. Particulates Half Life >= 8 days | | | | | | |
| 1. Total Release | Ci | 0.00E+00 | 2.38E-06 | 4.83E-06 | 5.53E-07 | 7.76E-06 |
| 2. Avg. Release Rate | µCi/sec | 0.00E+00 | 3.03E-07 | 6.07E-07 | 6.96E-08 | 2.46E-07 |
| D. Tritium | | | | | | |
| 1. Total Release | Ci | 2.50E+01 | 1.76E+01 | 2.22E+01 | 8.50E+00 | 7.32E+01 |
| 2. Avg. Release Rate | µCi/sec | 3.22E+00 | 2.23E+00 | 2.79E+00 | 1.07E+00 | 2.32E+00 |

# TABLE 1B

## EFFLUENT AND WASTE DISPOSAL ANNUAL REPORT
## PERIOD 1/1/01 TO 1/1/02
## GASEOUS EFFLUENTS - ELEVATED RELEASES - CONTINUOUS MODE

## Oconee Nuclear Station Units 1, 2, & 3

| REPORT FOR 2001 | Unit | QTR 1 | QTR 2 | QTR 3 | QTR 4 | YEAR |
|---|---|---|---|---|---|---|
| 1. Fission and Activation Gases | | | | | | |
| XE-133 | Ci | 8.72E-02 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.72E-02 |
| XE-135 | Ci | 0.00E+00 | 0.00E+00 | 6.84E-02 | 0.00E+00 | 6.84E-02 |
| Totals for Period... | Ci | 8.72E-02 | 0.00E+00 | 6.84E-02 | 0.00E+00 | 1.56E-01 |
| 2. Iodines | | | | | | |
| I-131 | Ci | 1.14E-05 | 5.98E-04 | 0.00E+00 | 1.87E-05 | 6.28E-04 |
| I-133 | Ci | 1.15E-05 | 7.77E-05 | 2.42E-05 | 1.06E-05 | 1.24E-04 |
| Totals for Period... | Ci | 2.29E-05 | 6.76E-04 | 2.42E-05 | 2.93E-05 | 7.52E-04 |
| 3. Particulates Half Life >= 8 days | | | | | | |
| CS-137 | Ci | 0.00E+00 | 2.25E-06 | 2.65E-06 | 0.00E+00 | 4.91E-06 |
| Totals for Period... | Ci | 0.00E+00 | 2.25E-06 | 2.65E-06 | 0.00E+00 | 4.91E-06 |
| 4. Tritium | | | | | | |
| H-3 | Ci | 2.14E+01 | 1.63E+01 | 2.08E+01 | 7.14E+00 | 6.56E+01 |
| Totals for Period... | Ci | 2.14E+01 | 1.63E+01 | 2.08E+01 | 7.14E+00 | 6.56E+01 |

TABLE 1B

EFFLUENT AND WASTE DISPOSAL ANNUAL REPORT
PERIOD 1/1/01 TO 1/1/02
GASEOUS EFFLUENTS - ELEVATED RELEASES - BATCH MODE

Oconee Nuclear Station Units 1, 2, & 3

| REPORT FOR 2001 | Unit | QTR 1 | QTR 2 | QTR 3 | QTR 4 | YEAR |
|---|---|---|---|---|---|---|
| 1. Fission and Activation Gases | | | | | | |
| AR-41 | Ci | 6.65E-03 | 9.84E-03 | 1.92E-02 | 0.00E+00 | 3.57E-02 |
| C-11 | Ci | 0.00E+00 | 1.59E-03 | 3.34E-04 | 0.00E+00 | 1.92E-03 |
| KR-85 | Ci | 1.56E-01 | 1.85E-03 | 0.00E+00 | 2.45E-02 | 1.82E-01 |
| XE-131M | Ci | 5.66E-02 | 8.88E-02 | 7.53E-06 | 0.00E+00 | 1.45E-01 |
| XE-133 | Ci | 4.98E+00 | 3.16E+00 | 8.43E-02 | 2.38E+00 | 1.06E+01 |
| XE-133M | Ci | 6.17E-02 | 2.87E-02 | 9.74E-04 | 1.54E-02 | 1.07E-01 |
| XE-135 | Ci | 4.87E-02 | 1.70E-02 | 5.51E-03 | 7.10E-02 | 1.42E-01 |
| Totals for Period... | Ci | 5.31E+00 | 3.31E+00 | 1.10E-01 | 2.49E+00 | 1.12E+01 |
| 2. Iodines | | | | | | |
| I-131 | Ci | 1.14E-07 | 3.64E-06 | 0.00E+00 | 7.92E-08 | 3.83E-06 |
| I-133 | Ci | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.11E-07 | 2.11E-07 |
| Totals for Period... | Ci | 1.14E-07 | 3.64E-06 | 0.00E+00 | 2.90E-07 | 4.04E-06 |
| 3. Particulates Half Life >= 8 days | | | | | | |
| CS-137 | Ci | 0.00E+00 | 2.00E-08 | 0.00E+00 | 1.30E-07 | 1.50E-07 |
| Totals for Period... | Ci | 0.00E+00 | 2.00E-08 | 0.00E+00 | 1.30E-07 | 1.50E-07 |
| 4. Tritium | | | | | | |
| H-3 | Ci | 9.93E-03 | 1.15E-01 | 1.39E-02 | 1.19E-01 | 2.58E-01 |
| Totals for Period... | Ci | 9.93E-03 | 1.15E-01 | 1.39E-02 | 1.19E-01 | 2.58E-01 |

# TABLE 1C

## EFFLUENT AND WASTE DISPOSAL ANNUAL REPORT
## PERIOD 1/1/01 TO 1/1/02
## GASEOUS EFFLUENTS - GROUND RELEASES - CONTINUOUS MODE

## Oconee Nuclear Station Units 1, 2, & 3

| REPORT FOR 2001 | Unit | QTR 1 | QTR 2 | QTR 3 | QTR 4 | YEAR |
|---|---|---|---|---|---|---|
| 1. Fission and Activation Gases | | | | | | |
| XE-133 | Ci | 0.00E+00 | 6.43E-01 | 0.00E+00 | 0.00E+00 | 6.43E-01 |
| Totals for Period... | Ci | 0.00E+00 | 6.43E-01 | 0.00E+00 | 0.00E+00 | 6.43E-01 |
| 2. Iodines | | | | | | |
| I-131 | Ci | 0.00E+00 | 6.02E-06 | 0.00E+00 | 8.91E-07 | 6.91E-06 |
| I-133 | Ci | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.90E-07 | 7.90E-07 |
| Totals for Period... | Ci | 0.00E+00 | 6.02E-06 | 0.00E+00 | 1.68E-06 | 7.70E-06 |
| 3. Particulates Half Life >= 8 days | | | | | | |
| CO-58 | Ci | 0.00E+00 | 0.00E+00 | 8.80E-07 | 0.00E+00 | 8.80E-07 |
| CS-137 | Ci | 0.00E+00 | 1.11E-07 | 1.29E-06 | 0.00E+00 | 1.40E-06 |
| Totals for Period... | Ci | 0.00E+00 | 1.11E-07 | 2.17E-06 | 0.00E+00 | 2.28E-06 |
| 4. Tritium | | | | | | |
| H-3 | Ci | 3.54E+00 | 1.20E+00 | 1.36E+00 | 1.25E+00 | 7.35E+00 |
| Totals for Period... | Ci | 3.54E+00 | 1.20E+00 | 1.36E+00 | 1.25E+00 | 7.35E+00 |

# TABLE 1C

## EFFLUENT AND WASTE DISPOSAL ANNUAL REPORT
## PERIOD 1/1/01 TO 1/1/02
## GASEOUS EFFLUENTS - GROUND RELEASES - BATCH MODE

## Oconee Nuclear Station Units 1, 2, & 3

| REPORT FOR 2001 | Unit | QTR 1 | QTR 2 | QTR 3 | QTR 4 | YEAR |
|---|---|---|---|---|---|---|
| 1. Fission and Activation Gases | | | | | | |
| XE-131M | Ci | 0.00E+00 | 1.18E-03 | 0.00E+00 | 0.00E+00 | 1.18E-03 |
| XE-133 | Ci | 0.00E+00 | 6.97E-02 | 0.00E+00 | 0.00E+00 | 6.97E-02 |
| XE-133M | Ci | 0.00E+00 | 6.12E-04 | 0.00E+00 | 0.00E+00 | 6.12E-04 |
| XE-135 | Ci | 0.00E+00 | 3.54E-05 | 0.00E+00 | 0.00E+00 | 3.54E-05 |
| Totals for Period... | Ci | 0.00E+00 | 7.15E-02 | 0.00E+00 | 0.00E+00 | 7.15E-02 |
| 2. Iodines | | | | | | |
| I-131 | Ci | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.39E-06 | 1.39E-06 |
| Totals for Period... | Ci | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.39E-06 | 1.39E-06 |
| 3. Particulates Half Life >= 8 days | | | | | | |
| CS-137 | Ci | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.23E-07 | 4.23E-07 |
| Totals for Period... | Ci | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.23E-07 | 4.23E-07 |
| 4. Tritium | | | | | | |
| H-3 | Ci | 0.00E+00 | 9.24E-06 | 0.00E+00 | 0.00E+00 | 9.24E-06 |
| Totals for Period... | Ci | 0.00E+00 | 9.24E-06 | 0.00E+00 | 0.00E+00 | 9.24E-06 |

# TABLE 2A

## EFFLUENT AND WASTE DISPOSAL ANNUAL REPORT
## PERIOD 1/1/01 TO 1/1/02
## LIQUID EFFLUENTS - SUMMATION OF ALL RELEASES

## Oconee Nuclear Station Units 1, 2, & 3

| REPORT FOR 2001 | Unit | QTR 1 | QTR 2 | QTR 3 | QTR 4 | YEAR |
|---|---|---|---|---|---|---|
| A. Fission and Activation Products | | | | | | |
| 1. Total Release | Ci | 3.50E-02 | 6.61E-02 | 4.41E-02 | 3.49E-02 | 1.80E-01 |
| 2. Average Diluted Concentration | | | | | | |
| a. Continuous Releases | µCi/ml | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| b. Batch Releases | µCi/ml | 2.10E-09 | 3.91E-09 | 2.58E-09 | 2.04E-09 | 2.66E-09 |
| B. Tritium | | | | | | |
| 1. Total Release | Ci | 4.69E+02 | 1.58E+02 | 1.74E+02 | 2.02E+02 | 1.00E+03 |
| 2. Average Diluted Concentration | | | | | | |
| a. Continuous Releases | µCi/ml | 1.49E-07 | 3.68E-08 | 6.22E-08 | 7.00E-08 | 7.91E-08 |
| b. Batch Releases | µCi/ml | 2.79E-05 | 9.33E-06 | 1.01E-05 | 1.17E-05 | 1.47E-05 |
| C. Dissolved and Entrained Gases | | | | | | |
| 1. Total Release | Ci | 4.42E-03 | 1.25E-02 | 4.25E-03 | 6.89E-04 | 2.19E-02 |
| 2. Average Diluted Concentration | | | | | | |
| a. Continuous Releases | µCi/ml | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| b. Batch Releases | µCi/ml | 2.64E-10 | 7.42E-10 | 2.49E-10 | 4.03E-11 | 3.23E-10 |
| D. Gross Alpha Radioactivity | | | | | | |
| 1. Total Release | Ci | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2. Average Diluted Concentration | | | | | | |
| a. Continuous Releases | µCi/ml | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| b. Batch Releases | µCi/ml | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| E. Volume of Liquid Waste | | | | | | |
| 1. Continuous Releases | liters | 4.01E+08 | 5.32E+08 | 3.65E+08 | 5.46E+08 | 1.84E+09 |
| 2. Batch Releases | liters | 4.10E+06 | 5.59E+06 | 2.95E+06 | 4.63E+06 | 1.73E+07 |
| F. Volume of Dilution Water | | | | | | |
| 1. Continuous Releases | liters | 1.67E+10 | 1.69E+10 | 1.71E+10 | 1.71E+10 | 6.78E+10 |
| 2. Batch Releases | liters | 1.67E+10 | 1.69E+10 | 1.71E+10 | 1.71E+10 | 6.78E+10 |

# TABLE 2B

## EFFLUENT AND WASTE DISPOSAL ANNUAL REPORT
## PERIOD 1/1/01 TO 1/1/02
## LIQUID EFFLUENTS - CONTINUOUS MODE

## Oconee Nuclear Station Units 1, 2, & 3

| REPORT FOR 2001 | Unit | QTR 1 | QTR 2 | QTR 3 | QTR 4 | YEAR |
|---|---|---|---|---|---|---|
| 1. Fission and Activation Products | | | | | | |
| ** No Nuclide Activities ** | | ..... | ..... | ..... | ..... | ..... |
| 2. Tritium | | | | | | |
| H-3 | Ci | 2.55E+00 | 6.41E-01 | 1.09E+00 | 1.24E+00 | 5.51E+00 |
| Totals for Period... | Ci | 2.55E+00 | 6.41E-01 | 1.09E+00 | 1.24E+00 | 5.51E+00 |
| 3. Dissolved and Entrained Gases | | | | | | |
| ** No Nuclide Activities ** | | ..... | ..... | ..... | ..... | ..... |
| 4. Gross Alpha Radioactivity | | | | | | |
| ** No Nuclide Activities ** | | ..... | ..... | ..... | ..... | ..... |

# TABLE 2B

## EFFLUENT AND WASTE DISPOSAL ANNUAL REPORT
## PERIOD 1/1/01 TO 1/1/02
## LIQUID EFFLUENTS - BATCH MODE

## Oconee Nuclear Station Units 1, 2, & 3

| REPORT FOR 2001 | Unit | QTR 1 | QTR 2 | QTR 3 | QTR 4 | YEAR |
|---|---|---|---|---|---|---|
| 1. Fission and Activation Products | | | | | | |
| AG-110M | Ci | 8.66E-03 | 8.40E-03 | 5.44E-03 | 2.02E-03 | 2.45E-02 |
| AS-76 | Ci | 0.00E+00 | 3.87E-04 | 0.00E+00 | 0.00E+00 | 3.87E-04 |
| CE-143 | Ci | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.47E-05 | 2.47E-05 |
| CO-57 | Ci | 1.40E-05 | 7.83E-05 | 6.56E-05 | 0.00E+00 | 1.58E-04 |
| CO-58 | Ci | 1.75E-02 | 4.34E-02 | 2.62E-02 | 2.60E-02 | 1.13E-01 |
| CO-60 | Ci | 1.16E-03 | 1.86E-03 | 8.85E-04 | 9.23E-04 | 4.83E-03 |
| CR-51 | Ci | 8.06E-04 | 1.13E-03 | 7.92E-04 | 0.00E+00 | 2.73E-03 |
| CS-134 | Ci | 5.85E-05 | 6.95E-05 | 3.68E-05 | 4.61E-05 | 2.11E-04 |
| CS-136 | Ci | 8.52E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.52E-06 |
| CS-137 | Ci | 7.75E-04 | 2.77E-03 | 1.03E-03 | 2.53E-03 | 7.11E-03 |
| FE-59 | Ci | 0.00E+00 | 4.32E-05 | 0.00E+00 | 0.00E+00 | 4.32E-05 |
| I-131 | Ci | 0.00E+00 | 1.71E-04 | 0.00E+00 | 6.29E-06 | 1.77E-04 |
| I-132 | Ci | 0.00E+00 | 2.13E-05 | 0.00E+00 | 0.00E+00 | 2.13E-05 |
| I-133 | Ci | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.83E-05 | 1.83E-05 |
| MN-54 | Ci | 0.00E+00 | 2.25E-04 | 1.35E-05 | 3.45E-05 | 2.73E-04 |
| NB-95 | Ci | 3.41E-04 | 1.44E-03 | 8.37E-04 | 2.17E-04 | 2.84E-03 |
| RU-103 | Ci | 0.00E+00 | 1.04E-04 | 0.00E+00 | 0.00E+00 | 1.04E-04 |
| RU-106 | Ci | 0.00E+00 | 0.00E+00 | 6.19E-05 | 0.00E+00 | 6.19E-05 |
| SB-124 | Ci | 4.84E-04 | 1.82E-04 | 7.74E-05 | 0.00E+00 | 7.43E-04 |
| SB-125 | Ci | 5.11E-03 | 4.87E-03 | 8.10E-03 | 3.09E-03 | 2.12E-02 |
| TE-132 | Ci | 0.00E+00 | 3.64E-05 | 0.00E+00 | 0.00E+00 | 3.64E-05 |
| ZN-69M | Ci | 0.00E+00 | 0.00E+00 | 9.78E-06 | 0.00E+00 | 9.78E-06 |
| ZR-95 | Ci | 9.86E-05 | 8.92E-04 | 5.36E-04 | 3.73E-05 | 1.56E-03 |
| | | --- | --- | --- | --- | --- |
| Totals for Period... | Ci | 3.50E-02 | 6.61E-02 | 4.41E-02 | 3.49E-02 | 1.80E-01 |
| 2. Tritium | | | | | | |
| H-3 | Ci | 4.66E+02 | 1.58E+02 | 1.73E+02 | 2.01E+02 | 9.98E+02 |
| | | --- | --- | --- | --- | --- |
| Totals for Period... | Ci | 4.66E+02 | 1.58E+02 | 1.73E+02 | 2.01E+02 | 9.98E+02 |
| 3. Dissolved and Entrained Gases | | | | | | |
| KR-85 | Ci | 0.00E+00 | 1.05E-02 | 4.16E-03 | 0.00E+00 | 1.46E-02 |
| XE-131M | Ci | 0.00E+00 | 4.84E-04 | 0.00E+00 | 5.29E-04 | 1.01E-03 |
| XE-133 | Ci | 4.10E-03 | 1.47E-03 | 9.74E-05 | 1.60E-04 | 5.83E-03 |
| XE-135 | Ci | 3.19E-04 | 1.10E-04 | 0.00E+00 | 0.00E+00 | 4.29E-04 |
| | | --- | --- | --- | --- | --- |
| Totals for Period... | Ci | 4.42E-03 | 1.26E-02 | 4.26E-03 | 6.89E-04 | 2.19E-02 |
| 4. Gross Alpha Radioactivity | | | | | | |
| ** No Nuclide Activities ** | | ..... | ..... | ..... | ..... | ..... |

OCONEE NUCLEAR STATION

SUPPLEMENTAL INFORMATION

OCONEE NUCLEAR STATION

## 2001 EFFLUENT AND WASTE DISPOSAL SUPPLEMENTAL INFORMATION

### I. REGULATORY LIMITS - STATION

A. NOBLE GASES - AIR DOSE
1. CALENDAR QUARTER - GAMMA DOSE = 15 MRAD
2. CALENDAR QUARTER - BETA DOSE = 30 MRAD
3. CALENDAR YEAR - GAMMA DOSE = 30 MRAD
4. CALENDAR YEAR - BETA DOSE = 60 MRAD

B. LIQUID EFFLUENTS - DOSE
1. CALENDAR QUARTER - TOTAL BODY DOSE = 4.5 MREM
2. CALENDAR QUARTER - ORGAN DOSE = 15 MREM
3. CALENDAR YEAR - TOTAL BODY DOSE = 9 MREM
4. CALENDAR YEAR - ORGAN DOSE = 30 MREM

C. IODINE - 131 AND 133, TRITIUM, PARTICULATES W/T 1/2 > 8 DAYS - ORGAN DOSE
1. CALENDAR QUARTER = 22.5 MREM
2. CALENDAR YEAR = 45 MREM

### II. MAXIMUM PERMISSIBLE EFFLUENT CONCENTRATIONS

A. GASEOUS EFFLUENTS - INFORMATION FOUND IN OFFSITE DOSE CALCULATION MANUAL
B. LIQUID EFFLUENTS - INFORMATION FOUND IN 10CFR20, APPENDIX B, TABLE 2, COLUMN 2

### III. AVERAGE ENERGY - NOT APPLICABLE

### IV. MEASUREMENTS AND APPROXIMATIONS OF TOTAL RADIOACTIVITY

INFORMATION FOUND IN OFFSITE DOSE CALCULATION MANUAL

### V. BATCH RELEASES

A. LIQUID EFFLUENT
1. 2.84E+02 = TOTAL NUMBER OF BATCH RELEASES
2. 4.10E+04 = TOTAL TIME (MIN.) FOR BATCH RELEASES.
3. 2.45E+02 = MAXIMUM TIME (MIN.) FOR A BATCH RELEASE.
4. 1.44E+02 = AVERAGE TIME (MIN.) FOR A BATCH RELEASE.
5. 1.00E+00 = MINIMUM TIME (MIN.) FOR A BATCH RELEASE.
6. 3.41E+04 = AVERAGE DILUTION WATER FLOW DURING RELEASES (GPM).

B. GASEOUS EFFLUENT
1. 8.60E+01 = TOTAL NUMBER OF BATCH RELEASES.
2. 1.75E+05 = TOTAL TIME (MIN.) FOR BATCH RELEASES.
3. 4.53E+04 = MAXIMUM TIME (MIN.) FOR A BATCH RELEASE.
4. 2.03E+03 = AVERAGE TIME (MIN.) FOR A BATCH RELEASE.
5. 2.80E+01 = MINIMUM TIME (MIN.) FOR A BATCH RELEASE.

### VI. ABNORMAL RELEASES

A. LIQUID
1. NUMBER OF RELEASES = 0
2. TOTAL ACTIVITY RELEASED (CURIES) = 0

B. GASEOUS
1. NUMBER OF RELEASES = 0
2. TOTAL ACTIVITY RELEASED (CURIES) = 0

SUPPLEMENTAL REPORT PAGE 2

OCONEE NUCLEAR STATION

The estimated percentage of error for both Liquid and Gaseous effluent release data at Oconee Nuclear Station has been determined to be ± 25.2%. This value was derived by taking the square root of the sum of the squares of the following discrete individual estimates of error:

| | | |
|---|---|---|
| (1) Flow rate determining devices | = | ±20% |
| (2) Counting error | = | ±15% |
| (3) Sample preparation error | = | ± 3% |

# OCONEE NUCLEAR STATION

## UNPLANNED RELEASES

## (January 1, 2001 through December 31, 2001)

There were no unplanned gaseous or liquid radioactivity releases to the environment in 2001.

# OCONEE NUCLEAR STATION

## Assessment of Radiation Dose from Radioactive Effluents to Members of the Public

## (January 1, 2001 through December 31, 2001)

This attachment includes an assessment of radiation doses to the maximum exposed member of the public due to radioactive liquid and gaseous effluents released from the site for each calendar quarter for the calendar year of this report, as well as the total dose for the calendar year. This attachment also includes an assessment of radiation doses to the maximum exposed member of the public from all uranium fuel cycle sources within 10 miles of Oconee for the calendar year of this report to show conformance with 40 CFR 190. Methods for calculating the dose contribution from liquid and gaseous effluents are given in the ODCM.

# EFFLUENT AND WASTE DISPOSAL ANNUAL REPORT
# PERIOD 1/1/01 TO 1/1/02
# GASEOUS ANNUAL DOSE SUMMARY REPORT

## Oconee Nuclear Station Units 1, 2, & 3

1st Quarter 2001

=== IODINE, H3, and PARTICULATE DOSE LIMIT ANALYSIS======= Quarter 1 2001 ====

| Period-Limit | Critical Age | Critical Organ | Dose (mrem) | Limit (mrem) | Max % of Limit |
|---|---|---|---|---|---|
| Q1 - Maximum Organ Dose | CHILD | THYROID | 8.43E-03 | 2.25E+01 | 3.75E-02 |

Maximum Organ Dose Receptor Location: 1.0 Mile SW
Critical Pathway: Vegetation

Major Isotopic Contributors (5% or greater to total)

| Nuclide | Percentage |
|---|---|
| H-3 | 9.73E+01 |

=== NOBLE GAS DOSE LIMIT ANALYSIS========== Quarter 1 2001 ====

| Period-Limit | Dose (mrad) | Limit (mrad) | % of Limit |
|---|---|---|---|
| Q1 - Maximum Gamma Air Dose | 1.05E-04 | 1.50E+01 | 7.00E-04 |

Maximum Gamma Air Dose Receptor Location: 1.0 Mile SW

Major Isotopic Contributors (5% or greater to total)

| Nuclide | Percentage |
|---|---|
| XE-133 | 9.05E+01 |

| | | | |
|---|---|---|---|
| Q1 - Maximum Beta Air Dose | 3.14E-04 | 3.00E+01 | 1.05E-03 |

Maximum Beta Air Dose Receptor Location: 1.0 Mile SW

Major Contributors (5% or greater to total)

| Nuclide | Percentage |
|---|---|
| XE-133 | 8.99E+01 |
| KR-85 | 5.14E+00 |

# EFFLUENT AND WASTE DISPOSAL ANNUAL REPORT
# PERIOD 1/1/01 TO 1/1/02
# GASEOUS ANNUAL DOSE SUMMARY REPORT

## Oconee Nuclear Station Units 1, 2, & 3

2nd Quarter 2001

=== IODINE, H3, and PARTICULATE DOSE LIMIT ANALYSIS======= Quarter 2 2001 ====

| Period-Limit | Critical Age | Critical Organ | Dose (mrem) | Limit (mrem) | Max % of Limit |
|---|---|---|---|---|---|
| Q2 - Maximum Organ Dose | INFANT | THYROID | 1.75E-02 | 2.25E+01 | 7.78E-02 |

Maximum Organ Dose Receptor Location: 4.5 Mile NE
Critical Pathway: Goat Milk

Major Isotopic Contributors (5% or greater to total)

| Nuclide | Percentage |
|---|---|
| I-131 | 9.82E+01 |

=== NOBLE GAS DOSE LIMIT ANALYSIS========== Quarter 2 2001 ====

| Period-Limit | Dose (mrad) | Limit (mrad) | % of Limit |
|---|---|---|---|
| Q2 - Maximum Gamma Air Dose | 1.10E-04 | 1.50E+01 | 7.33E-04 |

Maximum Gamma Air Dose Receptor Location: 1.0 Mile SSE

Major Isotopic Contributors (5% or greater to total)

| Nuclide | Percentage |
|---|---|
| XE-133 | 9.39E+01 |

| | | | |
|---|---|---|---|
| Q2 - Maximum Beta Air Dose | 3.16E-04 | 3.00E+01 | 1.05E-03 |

Maximum Beta Air Dose Receptor Location: 1.0 Mile SSE

Major Contributors (5% or greater to total)

| Nuclide | Percentage |
|---|---|
| XE-133 | 9.67E+01 |

# EFFLUENT AND WASTE DISPOSAL ANNUAL REPORT
# PERIOD 1/1/01 TO 1/1/02
# GASEOUS ANNUAL DOSE SUMMARY REPORT

## Oconee Nuclear Station Units 1, 2, & 3

3rd Quarter 2001

=== IODINE, H3, and PARTICULATE DOSE LIMIT ANALYSIS======= Quarter 3 2001 ====

| Period-Limit | Critical Age | Critical Organ | Dose (mrem) | Limit (mrem) | Max % of Limit |
|---|---|---|---|---|---|
| Q3 - Maximum Organ Dose | CHILD | LIVER | 6.63E-03 | 2.25E+01 | 2.95E-02 |

Maximum Organ Dose Receptor Location: 1.0 Mile SW
Critical Pathway: Vegetation

Major Isotopic Contributors (5% or greater to total)

| Nuclide | Percentage |
|---|---|
| H-3 | 9.91E+01 |

=== NOBLE GAS DOSE LIMIT ANALYSIS========== Quarter 3 2001 ====

| Period-Limit | Dose (mrad) | Limit (mrad) | % of Limit |
|---|---|---|---|
| Q3 - Maximum Gamma Air Dose | 1.86E-05 | 1.50E+01 | 1.24E-04 |

Maximum Gamma Air Dose Receptor Location: 1.0 Mile SW

Major Isotopic Contributors (5% or greater to total)

| Nuclide | Percentage |
|---|---|
| AR-41 | 5.09E+01 |
| XE-135 | 4.05E+01 |
| XE-133 | 8.50E+00 |

| | | | |
|---|---|---|---|
| Q3 - Maximum Beta Air Dose | 1.77E-05 | 3.00E+01 | 5.90E-05 |

Maximum Beta Air Dose Receptor Location: 1.0 Mile SW

Major Contributors (5% or greater to total)

| Nuclide | Percentage |
|---|---|
| XE-135 | 5.43E+01 |
| XE-133 | 2.65E+01 |
| AR-41 | 1.88E+01 |

# EFFLUENT AND WASTE DISPOSAL ANNUAL REPORT
# PERIOD 1/1/01 TO 1/1/02
# GASEOUS ANNUAL DOSE SUMMARY REPORT

## Oconee Nuclear Station Units 1, 2, & 3

4th Quarter 2001

=== IODINE, H3, and PARTICULATE DOSE LIMIT ANALYSIS======= Quarter 4 2001 ====

| Period-Limit | Critical Age | Critical Organ | Dose (mrem) | Limit (mrem) | Max % of Limit |
|---|---|---|---|---|---|
| Q4 - Maximum Organ Dose | CHILD | THYROID | 3.24E-03 | 2.25E+01 | 1.44E-02 |

Maximum Organ Dose Receptor Location: 1.0 Mile SW
Critical Pathway: Vegetation

Major Isotopic Contributors (5% or greater to total)

| Nuclide | Percentage |
|---|---|
| H-3 | 8.67E+01 |
| I-131 | 1.30E+01 |

=== NOBLE GAS DOSE LIMIT ANALYSIS========== Quarter 4 2001 ====

| Period-Limit | Dose (mrad) | Limit (mrad) | % of Limit |
|---|---|---|---|
| Q4 - Maximum Gamma Air Dose | 5.20E-05 | 1.50E+01 | 3.47E-04 |

Maximum Gamma Air Dose Receptor Location: 1.0 Mile SW

Major Isotopic Contributors (5% or greater to total)

| Nuclide | Percentage |
|---|---|
| XE-133 | 8.55E+01 |
| XE-135 | 1.39E+01 |

| | | | |
|---|---|---|---|
| Q4 - Maximum Beta Air Dose | 1.45E-04 | 3.00E+01 | 4.83E-04 |

Maximum Beta Air Dose Receptor Location: 1.0 Mile SW

Major Contributors (5% or greater to total)

| Nuclide | Percentage |
|---|---|
| XE-133 | 9.10E+01 |
| XE-135 | 6.38E+00 |

# EFFLUENT AND WASTE DISPOSAL ANNUAL REPORT
# PERIOD 1/1/01 TO 1/1/02
# GASEOUS ANNUAL DOSE SUMMARY REPORT

## Oconee Nuclear Station Units 1, 2, & 3

ANNUAL 2001

=== IODINE, H3, and PARTICULATE DOSE LIMIT ANALYSIS======= Annual 2001 ========

| Period-Limit | Critical Age | Critical Organ | Dose (mrem) | Limit (mrem) | Max % of Limit |
|---|---|---|---|---|---|
| Yr - Maximum Organ Dose | CHILD | THYROID | 3.52E-02 | 4.50E+01 | 7.82E-02 |

Maximum Organ Dose Receptor Location: 1.0 Mile SW
Critical Pathway: Vegetation

Major Isotopic Contributors (5% or greater to total)

| Nuclide | Percentage |
|---|---|
| H-3 | 6.49E+01 |
| I-131 | 3.48E+01 |

=== NOBLE GAS DOSE LIMIT ANALYSIS========== Annual 2001 =======

| Period-Limit | Dose (mrad) | Limit (mrad) | % of Limit |
|---|---|---|---|
| Yr - Maximum Gamma Air Dose | 2.75E-04 | 3.00E+01 | 9.17E-04 |

Maximum Gamma Air Dose Receptor Location: 1.0 Mile SW

Major Isotopic Contributors (5% or greater to total)

| Nuclide | Percentage |
|---|---|
| XE-133 | 8.46E+01 |
| XE-135 | 7.80E+00 |
| AR-41 | 6.39E+00 |

| | | | |
|---|---|---|---|
| Yr - Maximum Beta Air Dose | 7.62E-04 | 6.00E+01 | 1.27E-03 |

Maximum Beta Air Dose Receptor Location: 1.0 Mile SW

Major Contributors (5% or greater to total)

| Nuclide | Percentage |
|---|---|
| XE-133 | 9.08E+01 |

# EFFLUENT AND WASTE DISPOSAL ANNUAL REPORT
# PERIOD 1/1/01 TO 1/1/02
# LIQUID ANNUAL DOSE SUMMARY REPORT

## Oconee Nuclear Station Units 1, 2, & 3

1st Quarter 2001

=== BATCH LIQUID RELEASES ========== Quarter 1 2001 ======

| Period-Limit | Critical Age | Critical Organ | Dose (mrem) | Limit (mrem) | Max % of Limit |
|---|---|---|---|---|---|
| Q1 - Maximum Organ Dose | ADULT | GILLI | 8.56E-02 | 1.50E+01 | 5.71E-01 |
| Q1 - Total Body Dose | ADULT | | 5.33E-02 | 4.50E+00 | 1.18E+00 |

Maximum Organ
Critical Pathway: Fresh Water Fish
Major Isotopic Contributors (5% or greater to total)

| Nuclide | Percentage |
|---|---|
| NB-95 | 7.63E+01 |
| H-3 | 1.60E+01 |

Total Body
Critical Pathway: Fresh Water Fish
Major Isotopic Contributors (5% or greater to total)

| Nuclide | Percentage |
|---|---|
| CS-137 | 6.44E+01 |
| H-3 | 2.57E+01 |
| CS-134 | 8.22E+00 |

=== CONTINUOUS LIQUID RELEASES (CTP 3) ========== Quarter 1 2001 ======

| Period-Limit | Critical Age | Critical Organ | Dose (mrem) | Limit (mrem) | Max % of Limit |
|---|---|---|---|---|---|
| Q1 - Maximum Organ Dose | ADULT | LIVER | 7.30E-05 | 1.50E+01 | 4.87E-04 |
| Q1 - Total Body Dose | ADULT | | 7.30E-05 | 4.50E+00 | 1.62E-03 |

Maximum Organ
Critical Pathway: Fresh Water Fish
Major Isotopic Contributors (5% or greater to total)

| Nuclide | Percentage |
|---|---|
| H-3 | 1.00E+02 |

Total Body
Critical Pathway: Fresh Water Fish
Major Isotopic Contributors (5% or greater to total)

| Nuclide | Percentage |
|---|---|
| H-3 | 1.00E+02 |

# EFFLUENT AND WASTE DISPOSAL ANNUAL REPORT
# PERIOD 1/1/01 TO 1/1/02
# LIQUID ANNUAL DOSE SUMMARY REPORT

## Oconee Nuclear Station Units 1, 2, & 3

2ND Quarter 2001

=== BATCH LIQUID RELEASES ========== Quarter 2 2001 ======

| Period-Limit | Critical Age | Critical Organ | Dose (mrem) | Limit (mrem) | Max % of Limit |
|---|---|---|---|---|---|
| Q2 - Maximum Organ Dose | ADULT | GILLI | 2.97E-01 | 1.50E+01 | 1.98E+00 |
| Q2 - Total Body Dose | ADULT | | 1.34E-01 | 4.50E+00 | 2.98E+00 |

Maximum Organ
Critical Pathway: Fresh Water Fish
Major Isotopic Contributors (5% or greater to total)

| Nuclide | Percentage |
|---|---|
| NB-95 | 9.29E+01 |

Total Body
Critical Pathway: Fresh Water Fish
Major Isotopic Contributors (5% or greater to total)

| Nuclide | Percentage |
|---|---|
| CS-137 | 9.14E+01 |

=== CONTINUOUS LIQUID RELEASES (CTP 3) ========== Quarter 2 2001 ======

| Period-Limit | Critical Age | Critical Organ | Dose (mrem) | Limit (mrem) | Max % of Limit |
|---|---|---|---|---|---|
| Q2 - Maximum Organ Dose | ADULT | LIVER | 1.82E-05 | 1.50E+01 | 1.21E-04 |
| Q2 - Total Body Dose | ADULT | | 1.82E-05 | 4.50E+00 | 4.04E-04 |

Maximum Organ
Critical Pathway: Fresh Water Fish
Major Isotopic Contributors (5% or greater to total)

| Nuclide | Percentage |
|---|---|
| H-3 | 1.00E+02 |

Total Body
Critical Pathway: Fresh Water Fish
Major Isotopic Contributors (5% or greater to total)

| Nuclide | Percentage |
|---|---|
| H-3 | 1.00E+02 |

# EFFLUENT AND WASTE DISPOSAL ANNUAL REPORT
# PERIOD 1/1/01 TO 1/1/02
# LIQUID ANNUAL DOSE SUMMARY REPORT

## Oconee Nuclear Station Units 1, 2, & 3

3rd Quarter 2001

=== BATCH LIQUID RELEASES ========== Quarter 3 2001 ======

| Period-Limit | Critical Age | Critical Organ | Dose (mrem) | Limit (mrem) | Max % of Limit |
|---|---|---|---|---|---|
| Q3 - Maximum Organ Dose | ADULT | GILLI | 1.74E-01 | 1.50E+01 | 1.16E+00 |
| Q3 - Total Body Dose | ADULT | | 5.42E-02 | 4.50E+00 | 1.20E+00 |

Maximum Organ
Critical Pathway: Fresh Water Fish
Major Isotopic Contributors (5% or greater to total)

| Nuclide | Percentage |
|---|---|
| NB-95 | 9.21E+01 |

Total Body
Critical Pathway: Fresh Water Fish
Major Isotopic Contributors (5% or greater to total)

| Nuclide | Percentage |
|---|---|
| CS-137 | 8.38E+01 |
| H-3 | 9.35E+00 |
| CS-134 | 5.08E+00 |

=== CONTINUOUS LIQUID RELEASES (CTP 3) ========== Quarter 3 2001 ======

| Period-Limit | Critical Age | Critical Organ | Dose (mrem) | Limit (mrem) | Max % of Limit |
|---|---|---|---|---|---|
| Q3 - Maximum Organ Dose | ADULT | LIVER | 3.12E-05 | 1.50E+01 | 2.08E-04 |
| Q3 - Total Body Dose | ADULT | | 3.12E-05 | 4.50E+00 | 6.93E-04 |

Maximum Organ
Critical Pathway: Fresh Water Fish
Major Isotopic Contributors (5% or greater to total)

| Nuclide | Percentage |
|---|---|
| H-3 | 1.00E+02 |

Total Body
Critical Pathway: Fresh Water Fish
Major Isotopic Contributors (5% or greater to total)

| Nuclide | Percentage |
|---|---|
| H-3 | 1.00E+02 |

# EFFLUENT AND WASTE DISPOSAL ANNUAL REPORT
# PERIOD 1/1/01 TO 1/1/02
# LIQUID ANNUAL DOSE SUMMARY REPORT

## Oconee Nuclear Station Units 1, 2, & 3

4th Quarter 2001

=== BATCH LIQUID RELEASES ========== Quarter 4 2001 ======

| Period-Limit | Critical Age | Critical Organ | Dose (mrem) | Limit (mrem) | Max % of Limit |
|---|---|---|---|---|---|
| Q4 - Maximum Organ Dose | TEEN | LIVER | 1.88E-01 | 1.50E+01 | 1.25E+00 |
| Q4 - Total Body Dose | ADULT | | 1.22E-01 | 4.50E+00 | 2.71E+00 |

Maximum Organ
Critical Pathway: Fresh Water Fish
Major Isotopic Contributors (5% or greater to total)

| Nuclide | Percentage |
|---|---|
| CS-137 | 9.46E+01 |

Total Body
Critical Pathway: Fresh Water Fish
Major Isotopic Contributors (5% or greater to total)

| Nuclide | Percentage |
|---|---|
| CS-137 | 9.16E+01 |

=== CONTINUOUS LIQUID RELEASES (CTP 3) ========== Quarter 4 2001 ======

| Period-Limit | Critical Age | Critical Organ | Dose (mrem) | Limit (mrem) | Max % of Limit |
|---|---|---|---|---|---|
| Q4 - Maximum Organ Dose | ADULT | LIVER | 3.51E-05 | 1.50E+01 | 2.34E-04 |
| Q4 - Total Body Dose | ADULT | | 3.51E-05 | 4.50E+00 | 7.80E-04 |

Maximum Organ
Critical Pathway: Fresh Water Fish
Major Isotopic Contributors (5% or greater to total)

| Nuclide | Percentage |
|---|---|
| H-3 | 1.00E+02 |

Total Body
Critical Pathway: Fresh Water Fish
Major Isotopic Contributors (5% or greater to total)

| Nuclide | Percentage |
|---|---|
| H-3 | 1.00E+02 |

# EFFLUENT AND WASTE DISPOSAL ANNUAL REPORT
# PERIOD 1/1/01 TO 1/1/02
# LIQUID ANNUAL DOSE SUMMARY REPORT

## Oconee Nuclear Station Units 1, 2, & 3

ANNUAL 2001

=== BATCH LIQUID RELEASES ========== Annual 2001 =========

| Period-Limit | Critical Age | Critical Organ | Dose (mrem) | Limit (mrem) | Max % of Limit |
|---|---|---|---|---|---|
| Yr - Maximum Organ Dose | ADULT | GILLI | 6.14E-01 | 3.00E+01 | 2.05E+00 |
| Yr - Total Body Dose | ADULT | | 3.64E-01 | 9.00E+00 | 4.04E+00 |

Maximum Organ
Critical Pathway: Fresh Water Fish
Major Isotopic Contributors (5% or greater to total)

| Nuclide | Percentage |
|---|---|
| NB-95 | 8.84E+01 |

Total Body
Critical Pathway: Fresh Water Fish
Major Isotopic Contributors (5% or greater to total)

| Nuclide | Percentage |
|---|---|
| CS-137 | 8.64E+01 |
| H-3 | 8.04E+00 |

=== CONTINUOUS LIQUID RELEASES (CTP 3) ========== Annual 2001 =========

| Period-Limit | Critical Age | Critical Organ | Dose (mrem) | Limit (mrem) | Max % of Limit |
|---|---|---|---|---|---|
| Yr - Maximum Organ Dose | ADULT | LIVER | 1.57E-04 | 3.00E+01 | 5.23E-04 |
| Yr - Total Body Dose | ADULT | | 1.57E-04 | 9.00E+00 | 1.74E-03 |

Maximum Organ
Critical Pathway: Fresh Water Fish
Major Isotopic Contributors (5% or greater to total)

| Nuclide | Percentage |
|---|---|
| H-3 | 1.00E+02 |

Total Body
Critical Pathway: Fresh Water Fish
Major Isotopic Contributors (5% or greater to total)

| Nuclide | Percentage |
|---|---|
| H-3 | 1.00E+02 |

**Oconee Nuclear Station**
**2001 Radioactive Effluent Releases**
**40CFR190 Uranium Fuel Cycle Dose* Calculation Results**

**Maximum Total Body Dose = 3.80E-01 mrem**

Maximum Location: Site Boundary (1.0 mile), South-West Sector
Critical Age = Adult

Liquid and Gas Effluent Contribution to Maximum Total Body Dose

Liquid Effluent Dose = 3.64E-01 mrem = 96% of total

Critical Path = Fish
Major Contributors = Cs-137 (86.4%)
H-3 (8.0%)

Gas Effluent Dose = 1.57E-02 mrem = 4% of total

Critical Path = Vegetable
Major Contributor = H-3 (99.6%)

**Maximum Organ Dose = 6.30E-01 mrem**

Maximum Location: Site Boundary (1.0 mile), South-West Sector
Critical Age = Adult
Critical Organ = GILLI

Liquid and Gas Effluent Contribution to Maximum Organ Dose

Liquid Effluent Dose = 6.14E-01 mrem = 98% of total

Critical Path = Fish
Major Contributors = Nb-95 (88.4%)

Gas Effluent Dose = 1.57E-02 mrem = 2% of total

Critical Path = Vegetable
Major Contributors = H-3 (99.7%)

* Annual dose limits from 40CFR190.10(a) of 25 mrem whole body, 75 mrem to the thyroid, and 25 mrem to any other organ.

# OCONEE NUCLEAR STATION

# 2001 METEOROLOGICAL JOINT FREQUENCY DISTRIBUTIONS

# OF WIND SPEED, WIND DIRECTION, AND ATMOSPHERIC STABILITY

# USING WINDS AT THE 10 METER LEVEL

(Hours of Occurrence)

OCONEE NUCLEAR STN. METEOROLOGY (2001) PROG=XOQFREQ 15:06 Monday, February 25, 2002 1
10M WIND SPEED/DIRECTION/DELTA-T STABILITY
STABILITY CLASSES BASED ON DELTA-T BETWEEN UPPER-LOWER LEVELS

PASQUILL STABILITY A

| | WIND SPEED CLASS | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0.75-0.99 | 1.00-1.24 | 1.25-1.49 | 1.50-1.99 | 2.00-2.99 | 3.00-3.99 | 4.00-4.99 | 5.00-5.99 | 6.00-7.99 | 8.00-9.99 | TOTAL |
| | NO. | NO. | NO. | NO. | NO. | NO. | NO. | NO. | NO. | NO. | NO. |
| SECTOR | | | | | | | | | | | |
| -N- | 1 | 1 | . | 3 | 4 | . | . | . | . | . | 9 |
| -NNE- | . | 2 | . | 2 | 6 | 1 | 1 | . | . | . | 12 |
| -NE- | . | 2 | . | 1 | 9 | 11 | 3 | 1 | 2 | . | 29 |
| -ENE- | . | 1 | 2 | 2 | 16 | 22 | 5 | . | 1 | . | 49 |
| -E- | . | . | . | 4 | 8 | 2 | . | . | . | . | 14 |
| -ESE- | . | 1 | . | . | . | 1 | . | . | . | . | 2 |
| -SE- | . | 1 | . | . | . | . | . | . | . | . | 1 |
| -SSE- | . | . | 1 | 1 | 1 | . | . | . | . | . | 3 |
| -S- | . | . | 1 | . | 6 | . | . | . | . | . | 7 |
| -SSW- | . | . | . | 7 | 58 | 32 | 8 | . | . | . | 105 |
| -SW- | . | . | 6 | 45 | 134 | 42 | 5 | 5 | . | . | 237 |
| -WSW- | 1 | . | 2 | 9 | 31 | 5 | 3 | 1 | 1 | . | 53 |
| -W- | 1 | 1 | 1 | 5 | 5 | 2 | 1 | . | 1 | . | 17 |
| -WNW- | . | 1 | . | 5 | 9 | 4 | 4 | 1 | 1 | 2 | 27 |
| -NW- | . | . | 1 | 6 | 2 | 1 | 3 | 1 | 4 | . | 18 |
| -NNW- | . | 1 | 1 | 4 | 2 | 4 | . | 2 | . | . | 14 |
| TOTAL | 3 | 11 | 15 | 94 | 291 | 127 | 33 | 11 | 10 | 2 | 597 |

OCONEE NUCLEAR STN. METEOROLOGY (2001) PROG=XOQFREQ 15:06 Monday, February 25, 2002 2
10M WIND SPEED/DIRECTION/DELTA-T STABILITY
STABILITY CLASSES BASED ON DELTA-T BETWEEN UPPER-LOWER LEVELS

PASQUILL STABILITY B

| | WIND SPEED CLASS | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 0.75-0.99 | 1.00-1.24 | 1.25-1.49 | 1.50-1.99 | 2.00-2.99 | 3.00-3.99 | 4.00-4.99 | 5.00-5.99 | 6.00-7.99 | TOTAL |
| | NO. | NO. | NO. | NO. | NO. | NO. | NO. | NO. | NO. | NO. |
| SECTOR | | | | | | | | | | |
| -N- | . | 1 | 2 | 2 | 1 | . | . | . | . | 6 |
| -NNE- | 1 | . | . | 7 | 6 | . | . | . | . | 14 |
| -NE- | . | . | 1 | 5 | 8 | 1 | 4 | 2 | . | 21 |
| -ENE- | . | . | 1 | 5 | 16 | 7 | 5 | 2 | . | 36 |
| -E- | . | . | . | . | 11 | 6 | . | . | . | 17 |
| -ESE- | 1 | 2 | . | 1 | 3 | . | . | . | . | 7 |
| -SE- | . | . | . | 1 | 2 | . | . | . | . | 3 |
| -SSE- | . | . | . | 1 | 5 | . | . | . | . | 6 |
| -S- | . | . | 1 | 5 | 6 | . | . | . | . | 12 |
| -SSW- | . | 1 | 1 | 20 | 38 | 27 | 3 | . | . | 90 |
| -SW- | . | 1 | 1 | 35 | 45 | 19 | 15 | 1 | . | 117 |
| -WSW- | 1 | . | 1 | 14 | 18 | 3 | 7 | 2 | 1 | 47 |
| -W- | 2 | . | 1 | 11 | 3 | . | 2 | . | . | 19 |
| -WNW- | . | . | 1 | 8 | 3 | 1 | 2 | 1 | 2 | 18 |
| -NW- | . | . | 1 | 7 | 4 | 1 | 1 | 3 | 1 | 18 |
| -NNW- | . | . | 3 | 3 | . | . | 1 | . | . | 7 |
| TOTAL | 5 | 5 | 14 | 125 | 169 | 65 | 40 | 11 | 4 | 438 |

10M WIND SPEED/DIRECTION/DELTA-T STABILITY
STABILITY CLASSES BASED ON DELTA-T BETWEEN UPPER-LOWER LEVELS

PASQUILL STABILITY C

| | WIND SPEED CLASS | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0.75-0.99 | 1.00-1.24 | 1.25-1.49 | 1.50-1.99 | 2.00-2.99 | 3.00-3.99 | 4.00-4.99 | 5.00-5.99 | 6.00-7.99 | 8.00-9.99 | >9.99 M/S | TOTAL |
| | NO. | NO. | NO. | NO. | NO. | NO. | NO. | NO. | NO. | NO. | NO. | NO. |
| SECTOR | | | | | | | | | | | | |
| -N- | . | 1 | 5 | 14 | 3 | 1 | . | . | . | . | . | 24 |
| -NNE- | . | 1 | 3 | 13 | 9 | 1 | . | . | . | . | . | 27 |
| -NE- | . | . | 2 | 6 | 21 | 8 | 1 | 1 | . | . | . | 39 |
| -ENE- | . | . | 3 | 10 | 24 | 11 | 3 | . | . | . | . | 51 |
| -E- | . | . | . | 8 | 16 | 1 | . | . | . | . | . | 25 |
| -ESE- | . | 1 | 1 | 5 | 6 | 1 | . | . | . | . | . | 14 |
| -SE- | . | . | 1 | 4 | 2 | . | . | . | . | . | . | 7 |
| -SSE- | 1 | . | 1 | 2 | 2 | . | . | . | . | . | . | 6 |
| -S- | 1 | 2 | . | 6 | 5 | . | . | . | . | . | . | 14 |
| -SSW- | . | . | 7 | 17 | 40 | 30 | 2 | . | . | . | . | 96 |
| -SW- | . | 2 | 6 | 35 | 33 | 16 | 10 | 1 | 1 | . | . | 104 |
| -WSW- | . | 1 | 3 | 20 | 10 | 6 | 4 | 3 | 2 | . | . | 49 |
| -W- | 1 | 4 | 5 | 12 | 6 | 1 | 2 | 1 | 1 | . | . | 33 |
| -WNW- | 1 | 1 | 3 | 7 | 1 | 1 | 2 | 1 | 8 | 1 | 1 | 27 |
| -NW- | . | 2 | 5 | 6 | 1 | 5 | 2 | 2 | 2 | 1 | . | 26 |
| -NNW- | . | . | 4 | 3 | 2 | 2 | . | . | . | . | . | 11 |
| TOTAL | 4 | 15 | 49 | 168 | 181 | 84 | 26 | 9 | 14 | 2 | 1 | 553 |

10M WIND SPEED/DIRECTION/DELTA-T STABILITY
STABILITY CLASSES BASED ON DELTA-T BETWEEN UPPER-LOWER LEVELS

PASQUILL STABILITY D

| | WIND SPEED CLASS | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0.45-0.74 | 0.75-0.99 | 1.00-1.24 | 1.25-1.49 | 1.50-1.99 | 2.00-2.99 | 3.00-3.99 | 4.00-4.99 | 5.00-5.99 | 6.00-7.99 | 8.00-9.99 | >9.99 M/S | TOTAL |
| | NO. | NO. | NO. | NO. | NO. | NO. | NO. | NO. | NO. | NO. | NO. | NO. | NO. |
| SECTOR | | | | | | | | | | | | | |
| -N- | 6 | 25 | 25 | 41 | 34 | 26 | 6 | 2 | . | . | . | . | 165 |
| -NNE- | 1 | 9 | 14 | 32 | 59 | 36 | 9 | 1 | . | . | . | . | 161 |
| -NE- | 4 | 8 | 18 | 26 | 96 | 139 | 34 | 9 | 3 | 2 | 1 | 1 | 341 |
| -ENE- | 4 | 9 | 12 | 35 | 98 | 127 | 42 | 12 | 3 | 2 | . | . | 344 |
| -E- | 4 | 8 | 15 | 20 | 86 | 44 | 2 | . | . | . | . | . | 179 |
| -ESE- | 3 | 7 | 7 | 17 | 32 | 16 | . | . | . | . | . | . | 82 |
| -SE- | 6 | 10 | 9 | 18 | 45 | 26 | 1 | . | . | . | . | . | 115 |
| -SSE- | 4 | 11 | 12 | 20 | 47 | 11 | . | . | . | . | . | . | 105 |
| -S- | 4 | 8 | 10 | 20 | 45 | 26 | 3 | . | . | . | . | . | 116 |
| -SSW- | 3 | 17 | 13 | 26 | 45 | 110 | 92 | 34 | 5 | . | . | . | 345 |
| -SW- | 3 | 19 | 20 | 39 | 74 | 132 | 95 | 62 | 20 | 8 | . | . | 472 |
| -WSW- | 2 | 24 | 37 | 42 | 44 | 56 | 50 | 45 | 20 | 21 | 3 | . | 344 |
| -W- | 5 | 20 | 33 | 41 | 31 | 25 | 23 | 20 | 10 | 7 | 2 | . | 217 |
| -WNW- | 8 | 28 | 28 | 19 | 18 | 17 | 36 | 30 | 17 | 14 | 2 | . | 217 |
| -NW- | 7 | 26 | 25 | 11 | 5 | 16 | 12 | 15 | 10 | 7 | 3 | . | 137 |
| -NNW- | 4 | 27 | 33 | 37 | 22 | 23 | 6 | 4 | 1 | . | . | . | 157 |
| -CALM- | 3 | . | . | . | . | . | . | . | . | . | . | . | 3 |
| TOTAL | 71 | 256 | 311 | 444 | 781 | 830 | 411 | 234 | 89 | 61 | 11 | 1 | 3500 |

OCONEE NUCLEAR STN. METEOROLOGY (2001) PROG=XOQFREQ 15:06 Monday, February 25, 2002 5
10M WIND SPEED/DIRECTION/DELTA-T STABILITY
STABILITY CLASSES BASED ON DELTA-T BETWEEN UPPER-LOWER LEVELS

PASQUILL STABILITY E

| | WIND SPEED CLASS | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0.45-0.74 | 0.75-0.99 | 1.00-1.24 | 1.25-1.49 | 1.50-1.99 | 2.00-2.99 | 3.00-3.99 | 4.00-4.99 | 5.00-5.99 | 6.00-7.99 | TOTAL |
| | NO. | NO. | NO. | NO. | NO. | NO. | NO. | NO. | NO. | NO. | NO. |
| SECTOR | | | | | | | | | | | |
| -N- | 19 | 85 | 55 | 41 | 19 | 6 | 2 | . | . | . | 227 |
| -NNE- | 9 | 30 | 31 | 48 | 13 | 4 | 1 | . | . | . | 136 |
| -NE- | 8 | 21 | 23 | 33 | 47 | 28 | 3 | . | . | . | 163 |
| -ENE- | 8 | 26 | 26 | 43 | 47 | 14 | 2 | . | . | . | 166 |
| -E- | 3 | 18 | 31 | 34 | 43 | 17 | . | . | . | . | 146 |
| -ESE- | 3 | 11 | 20 | 37 | 32 | 12 | . | . | . | . | 115 |
| -SE- | 5 | 19 | 17 | 21 | 26 | 16 | . | . | . | . | 104 |
| -SSE- | 5 | 11 | 17 | 19 | 65 | 19 | . | . | . | . | 136 |
| -S- | 3 | 15 | 15 | 24 | 29 | 11 | . | . | . | . | 97 |
| -SSW- | 6 | 25 | 22 | 27 | 34 | 26 | 9 | 3 | . | . | 152 |
| -SW- | 9 | 27 | 33 | 28 | 44 | 48 | 32 | 9 | 2 | 1 | 233 |
| -WSW- | 15 | 53 | 25 | 28 | 20 | 24 | 22 | 15 | 4 | . | 206 |
| -W- | 14 | 55 | 38 | 10 | 12 | 17 | 14 | 5 | . | . | 165 |
| -WNW- | 28 | 91 | 76 | 30 | 7 | 11 | 4 | 2 | . | . | 249 |
| -NW- | 20 | 100 | 73 | 42 | 11 | 8 | 1 | . | . | . | 255 |
| -NNW- | 26 | 94 | 76 | 44 | 11 | 5 | 2 | . | . | . | 258 |
| -CALM- | 15 | . | . | . | . | . | . | . | . | . | 15 |
| TOTAL | 196 | 681 | 578 | 509 | 460 | 266 | 92 | 34 | 6 | 1 | 2823 |

10M WIND SPEED/DIRECTION/DELTA-T STABILITY

STABILITY CLASSES BASED ON DELTA-T BETWEEN UPPER-LOWER LEVELS

PASQUILL STABILITY F

| | WIND SPEED CLASS | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 0.45-0.74 | 0.75-0.99 | 1.00-1.24 | 1.25-1.49 | 1.50-1.99 | 2.00-2.99 | 3.00-3.99 | 4.00-4.99 | TOTAL |
| | NO. | NO. | NO. | NO. | NO. | NO. | NO. | NO. | NO. |
| SECTOR | | | | | | | | | |
| -N- | 3 | 3 | 2 | 1 | . | . | . | . | 9 |
| -NNE- | . | 4 | 4 | 1 | . | . | . | . | 9 |
| -NE- | . | . | 2 | 1 | 1 | . | . | . | 4 |
| -ENE- | . | 2 | 2 | 2 | . | . | . | . | 6 |
| -E- | . | 3 | . | 3 | 2 | . | . | . | 8 |
| -ESE- | . | 2 | 3 | 3 | 6 | 1 | . | . | 15 |
| -SE- | . | 1 | . | . | 3 | 1 | . | . | 5 |
| -SSE- | . | . | 4 | 1 | 3 | . | . | . | 8 |
| -S- | 1 | 1 | . | 1 | . | . | . | . | 3 |
| -SSW- | 2 | 2 | 1 | 1 | 2 | 1 | . | . | 9 |
| -SW- | 5 | 6 | 3 | 3 | 3 | 4 | 4 | . | 28 |
| -WSW- | 4 | 8 | 3 | 3 | . | 4 | 4 | 1 | 27 |
| -W- | 6 | 23 | 15 | 2 | 1 | 1 | . | . | 48 |
| -WNW- | 14 | 60 | 63 | 28 | 2 | 1 | . | . | 168 |
| -NW- | 5 | 33 | 56 | 46 | 4 | 2 | . | . | 146 |
| -NNW- | 3 | 14 | 7 | 2 | . | . | . | . | 26 |
| -CALM- | 2 | . | . | . | . | . | . | . | 2 |
| TOTAL | 45 | 162 | 165 | 98 | 27 | 15 | 8 | 1 | 521 |

OCONEE NUCLEAR STN. METEOROLOGY (2001) PROG=XOQFREQ 15:06 Monday, February 25, 2002 7
10M WIND SPEED/DIRECTION/DELTA-T STABILITY
STABILITY CLASSES BASED ON DELTA-T BETWEEN UPPER-LOWER LEVELS

PASQUILL STABILITY G

| | WIND SPEED CLASS | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 0.45-0.74 | 0.75-0.99 | 1.00-1.24 | 1.25-1.49 | 1.50-1.99 | 2.00-2.99 | 3.00-3.99 | >9.99 M/S | TOTAL |
| | NO. | NO. | NO. | NO. | NO. | NO. | NO. | NO. | NO. |
| SECTOR | | | | | | | | | |
| -N- | . | 1 | . | . | . | . | . | . | 1 |
| -NNE- | 1 | 2 | 1 | . | . | . | . | . | 4 |
| -NE- | . | . | 1 | . | . | . | . | . | 1 |
| -ENE- | 1 | . | . | . | . | . | . | . | 1 |
| -E- | 1 | . | . | . | 1 | . | . | 1 | 3 |
| -ESE- | . | . | . | . | . | . | . | 1 | 1 |
| -S- | 1 | 2 | . | . | . | . | . | . | 3 |
| -SSW- | 1 | 1 | . | . | . | . | . | . | 2 |
| -SW- | . | . | 2 | 1 | 1 | 3 | 1 | . | 8 |
| -WSW- | 1 | 6 | . | . | . | . | . | . | 7 |
| -W- | 4 | 6 | 6 | 3 | . | . | . | . | 19 |
| -WNW- | 4 | 18 | 15 | 17 | 2 | . | . | . | 56 |
| -NW- | 3 | 5 | 4 | 5 | 1 | . | . | . | 18 |
| -NNW- | . | 1 | . | 1 | . | . | . | . | 2 |
| TOTAL | 17 | 42 | 29 | 27 | 5 | 3 | 1 | 2 | 126 |

10M WIND SPEED/DIRECTION/DELTA-T STABILITY
STABILITY CLASSES BASED ON DELTA-T BETWEEN UPPER-LOWER LEVELS

ALL STABILITY CLASSES

| | WIND SPEED CLASS | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0.45-0.74 | 0.75-0.99 | 1.00-1.24 | 1.25-1.49 | 1.50-1.99 | 2.00-2.99 | 3.00-3.99 | 4.00-4.99 | 5.00-5.99 | 6.00-7.99 | 8.00-9.99 | >9.99 M/S | TOTAL |
| | NO. | NO. | NO. | NO. | NO. | NO. | NO. | NO. | NO. | NO. | NO. | NO. | NO. |
| SECTOR | | | | | | | | | | | | | |
| -N- | 28 | 115 | 85 | 90 | 72 | 40 | 9 | 2 | . | . | . | . | 441 |
| -NNE- | 11 | 46 | 53 | 84 | 94 | 61 | 12 | 2 | . | . | . | . | 363 |
| -NE- | 12 | 29 | 46 | 63 | 156 | 205 | 57 | 17 | 7 | 4 | 1 | 1 | 598 |
| -ENE- | 13 | 37 | 41 | 86 | 162 | 197 | 84 | 25 | 5 | 3 | . | . | 653 |
| -E- | 8 | 29 | 46 | 57 | 144 | 96 | 11 | . | . | . | . | 1 | 392 |
| -ESE- | 6 | 21 | 34 | 58 | 76 | 38 | 2 | . | . | . | . | 1 | 236 |
| -SE- | 11 | 30 | 27 | 40 | 79 | 47 | 1 | . | . | . | . | . | 235 |
| -SSE- | 9 | 23 | 33 | 42 | 119 | 38 | . | . | . | . | . | . | 264 |
| -S- | 9 | 27 | 27 | 47 | 85 | 54 | 3 | . | . | . | . | . | 252 |
| -SSW- | 12 | 45 | 37 | 62 | 125 | 273 | 190 | 50 | 5 | . | . | . | 799 |
| -SW- | 17 | 52 | 61 | 84 | 237 | 399 | 209 | 101 | 29 | 10 | . | . | 1199 |
| -WSW- | 22 | 93 | 66 | 79 | 107 | 143 | 90 | 75 | 30 | 25 | 3 | . | 733 |
| -W- | 29 | 108 | 97 | 63 | 72 | 57 | 40 | 30 | 11 | 9 | 2 | . | 518 |
| -WNW- | 54 | 198 | 184 | 98 | 49 | 42 | 46 | 40 | 20 | 25 | 5 | 1 | 762 |
| -NW- | 35 | 164 | 160 | 111 | 40 | 33 | 20 | 21 | 16 | 14 | 4 | . | 618 |
| -NNW- | 33 | 136 | 117 | 92 | 43 | 32 | 14 | 5 | 3 | . | . | . | 475 |
| -CALM- | 20 | . | . | . | . | . | . | . | . | . | . | . | 20 |
| TOTAL | 329 | 1153 | 1114 | 1156 | 1660 | 1755 | 788 | 368 | 126 | 90 | 15 | 4 | 8558 |

# Attachment 2

# Oconee Nuclear Site

# Solid Waste Disposal Report

DUKE POWER COMPANY
OCONEE NUCLEAR STATION
SOLID RADIOACTIVE WASTE SHIPPED TO A DISPOSAL FACILITY

REPORT PERIOD: JANUARY - DECEMBER YEAR: 2001

| TYPES OF WASTE SHIPPED | | NUMBER OF SHIPMENTS | NUMBER OF CONTAINERS | WASTE CLASS A-U | A-S | B | C | CONTAINER TYPE | BURIAL VOLUME CU. FT. | CU. M. | TOTAL ACTIVITY CURIES |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1) WASTE FROM LIQUID SYSTEM | | | | | | | | | | | |
| (A) DEWATERED POWDEX RESIN | | 6 | 6 | 4 | 0 | 0 | 0 | STC | 936.85 | 26.53 | 1.22 |
| (B) DEWATERED BEAD RESIN | | 1 | 1 | 0 | 0 | 1 | 0 | TYPE A/B | 120.3 | 3.41 | 95.40 |
| (C) EVAPORATOR CONCENTRATES | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0.00 | 0.00 |
| (D) DEWATERED MECHANICAL FILTERS | | | | | | | | | | | |
| 1. PRIMARY FILTER MEDIA | | 2 | 2 | 0 | 0 | 1 | 1 | TYPE A/B | 240.6 | 6.81 | 21.93 |
| 2. SECONDARY FILTER MEDIA | | 0 | 0 | 0 | 0 | 0 | 0 | STC | 0 | 0.00 | 0.00 |
| (E) DEWATERED DEMINERALIZERS | | 3 | 3 | 0 | 0 | 3 | 0 | TYPE A | 360.9 | 10.22 | 67.29 |
| (F) SOLIDIFIED (CEMENT) OIL, ACIDS,SLUDGES | | 0 | 0 | 0 | 0 | 0 | 0 | STC | 0 | 0.00 | 0.00 |
| 2) DRY SOLID WASTE | | | | | | | | | | | |
| (A) DRY ACTIVE WASTE (COMPACTED) | (1) | 72 | 72 | 72 | 0 | 0 | 0 | STC | 1516.3 | 42.94 | 38.54 |
| | (2) | 33 | 33 | 33 | 0 | 0 | 0 | STC | 983.007 | 27.84 | 1.03 |
| (B) DRY ACTIVE WASTE (NON-COMPACTED) | | 2 | 6 | 0 | 0 | 1 | 5 | TYPE A | 172.2 | 4.88 | 105.50 |
| (C) DRY ACTIVE WASTE (BROKERED) | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0.00 | 0.00 |
| (D) IRRADIATED COMPONENTS | | 6 | 6 | 0 | 6 | 0 | 0 | TYPE A | 148.39 | 4.20 | 30.74 |
| TOTAL | | 125 | 129 | 109 | 6 | 6 | 6 | | 4478.51 | 126.82 | 361.65 |

NOTE: (1) SHIPMENTS FROM DURATEK TO ENVIROCARE IN UTAH ( DAW)
(2) SHIPMENTS FROM METAL DECON FACILITY TO ENVIROCARE IN UTAH

**OCONEE NUCLEAR STATION SOLID RADWASTE REPORT**
**REPORT PERIOD: JANUARY - DECEMBER**
**WASTE TYPE: POWDEX RESIN**

# OF LINERS SHIPPED TO ATG 6 # OF SHIPMENTS TO ATG 2

| ISOTOPE: | % ABUNDANCE/LINER | | | | | | | | | | | | | | | | | | | | | | TOTAL | AVE. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| # OF LINERS SHIPPED TO ENVIROCARE | | | | | | | | | | | | | 6 | | # OF SHIPMENTS TO ENVIROCARE | | | | | 6 | | | | |
| CR-51 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| MN-54 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| CO-57 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| CO-58 | 2.15 | 0.00 | 9.77 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 11.92 | 5.96 |
| CO-60 | 2.42 | 0.00 | 2.17 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 4.59 | 2.30 |
| NB-95 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| ZR-95 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| CS-134 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RU-103 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| AG-110m | 5.50 | 0.00 | 6.73 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 12.23 | 6.12 |
| SB-125 | 0.68 | 0.00 | 1.37 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.05 | 1.03 |
| I-131 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| CS-137 | 3.24 | 0.00 | 1.95 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 5.18 | 2.59 |
| H-3 | 13.71 | 0.00 | 13.88 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 27.59 | 13.80 |
| NI-63 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| FE-55 | 70.64 | 0.00 | 63.46 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 134.10 | 67.05 |
| SR-90 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| TE-125m | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| CS-136 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| XE-133 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| C-14 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| PU-241 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| TRU | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| FE-59 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SB-124 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RU-106 | 0.56 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.56 | 0.28 |
| CE-144 | 1.11 | 0.00 | 0.67 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.78 | 0.89 |
| TE-132 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| TOTAL | 100 | 0 | 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 200.0001 | 100.00 |
| CLASS C | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| CLASS B | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| CLASS AS | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| CLASS AU | 0 | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | |
| CURIES | 0 | 0.0105 | 0.6911 | 0.0518 | 0.465 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.21831 | |
| CU. FT. | 0 | 13.5 | 505.8 | 236.5 | 181.05 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 936.85 | |
| CU. M | 0 | 0.3823 | 14.323 | 6.6971 | 5.1269 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 26.52914 | |
| RSR# | 01-2009 | 99-2044 | 01-2046 | 00-2035 | 00-2053 | | | | | | | | | | | | | | | | | | | |

**OCONEE NUCLEAR STATION SOLID RADWASTE REPORT**
**REPORT PERIOD: JANUARY - DECEMBER**
**WASTE TYPE: BEAD RESIN**

# OF LINERS SHIPPED TO CNSI 1

# OF SHIPMENTS TO CNSI 1

| ISOTOPE: | % ABUNDANCE/LINER | | | | | | | | | | | | | | | | | | | | TOTAL | AVE. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CR-51 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0000 |
| MN-54 | 1.41 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.41 | 1.4090 |
| CO-57 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0000 |
| CO-58 | 33.23 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 33.23 | 33.2332 |
| CO-60 | 4.30 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 4.30 | 4.3035 |
| NB-95 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0000 |
| ZR-95 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.02 | 0.0244 |
| CS-134 | 3.14 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.14 | 3.1402 |
| RU-106 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0000 |
| AG-110m | 0.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.07 | 0.0742 |
| SB-125 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0000 |
| I-131 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0000 |
| CS-137 | 20.38 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 20.38 | 20.3751 |
| H-3 | 0.0006 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0006 |
| NI-63 | 30.46 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 30.46 | 30.4573 |
| FE-55 | 6.82 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 6.82 | 6.8229 |
| SR-90 | 0.05 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.05 | 0.0453 |
| TE-125m | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0000 |
| CS-136 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0000 |
| XE-133 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0000 |
| C-14 | 0.05 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.05 | 0.0476 |
| PU-241 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.02 | 0.0201 |
| I-129 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0000 |
| TC-99 | 0.0045 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0045 |
| CM-242 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0000 |
| AM-241 | 0.0001 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0001 |
| PU-239/40 | 0.0003 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0003 |
| PU-238 | 0.0006 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0006 |
| CM-243/44 | 0.0003 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0003 |
| MO-95 | 0.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.0409 |
| SB-124 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0000 |
| TOTAL | 100.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 100.00 | 100.00 |
| CLASS C | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| CLASS B | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | |
| CLASS AS | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| CLASS AU | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| CURIES | 95.4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 95.4 | |
| CU. FT. | 120.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 120.3 | |
| CU. M | 3.41 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.41 | |
| RSR# | 01-2021 | | | | | | | | | | | | | | | | | | | | | |

**OCONEE NUCLEAR STATION SOLID RADWASTE REPORT**
**REPORT PERIOD: JANUARY - DECEMBER**
**WASTE TYPE: COMPACTED DAW (DURATEK )**

# OF SHIPMENTS FROM ONS TO DURATEK 11
# OF SHIPMENTS FROM PROCESSOR TO CNSI / ENVIROCARE 72
# OF CONTAINERS FROM ONS TO DURATEK 20
# OF CONTAINERS FROM PROCESSOR TO CNSI / ENVIROCARE 72

| RSR # | | CU. FT.. SHIPPED | CURIES SHIPPED | CU. FT. DISPOSAL FACILITY | CI TO DISPOSAL FACILITY | COMPLETED |
|---|---|---|---|---|---|---|
| 01-2007 | DAW | 2000 | 0.21 | 84.72 | 0.201 | |
| 00-2017 | DAW | 0 | 0.00 | 6.38 | 0.19689 | |
| 00-2058 | DAW | 0 | 0.00 | 372.53 | 34.049 | |
| 99-2054 | METAL | 0 | 0.00 | 23.54 | 0.00048 | |
| 99-2063 | METAL | 0 | 0.00 | 66.92 | 0.00099 | |
| 00-2050 | DAW | 0 | 0.00 | 54.89 | 0.065 | |
| 01-2014 | DAW | 2000 | 0.14 | 77.18 | 0.107 | |
| 00-2008 | METAL | 0 | 0.00 | 57.04 | 1.050 | |
| 00-2006 | METAL | 0 | 0.00 | 19.31 | 0.004 | |
| 99-2031 | METAL | 0 | 0.00 | 1.84 | 0.00006 | |
| 99-2062 | METAL | 0 | 0.00 | 7.50 | 0.00013 | |
| 01-2024 | DAW | 2000 | 0.43 | 75.77 | 0.402 | |
| 00-2014 | DAW | 0 | 0.00 | 30.16 | 0.295 | |
| 01-2027 | DAW | 2000 | 0.45 | 66.68 | 0.309 | |
| 01-2029 | DAW | 1985 | 0.54 | 92.18 | 0.411 | |
| 00-2043 | DAW | 0 | 0.00 | 17.39 | 0.135 | |
| 00-2055 | DAW | 0 | 0.00 | 24.53 | 0.014 | |
| 00-2056 | METAL | 0 | 0.00 | 47.24 | 0.001 | |
| 01-2030 | DAW&ASBESTOS | 2000 | 0.45 | 80.17 | 0.143 | |
| 01-2049 | DAW | 1000 | 0.0021 | 49.70 | 0.013 | |
| 00-2041 | RUBBLE (DAW) | 0 | 0.00 | 10.21 | 0.0000003 | |
| 00-2019 | DAW | 0 | 0.00 | 4.67 | 0.070 | |
| 00-2049 | | 0 | 0.00 | 16.08 | 0.315 | |
| 01-2060 | DAW | 2000 | 0.12 | 50.66 | 0.066 | |
| 01-2063 | DAW | 1900 | 0.29 | 21.44 | 0.032 | |
| 01-2062 | DAW | 2000 | 0.43 | 74.40 | 0.102 | |
| 01-2064 | DAW | 1000 | 0.29 | 0.00 | 0.000 | |
| 01-2025 | METAL | 0 | 0.00 | 0.33 | 0.000032 | |
| 01-2058 | METAL | 0 | 0.00 | 82.79 | 0.555 | |
| | | 0 | 0.00 | 0.00 | 0.000 | |
| | | 0 | 0.00 | 0.00 | 0.000 | |
| | | 0 | 0.00 | 0.00 | 0.000 | |
| | | 0 | 0.00 | 0.00 | 0.000 | |
| TOTAL | | 19885 | 3.330 | 1516.26 | 38.53872 | |

TOTAL CURIES BURIED 38.539
TOTAL CUBIC FEET BURIED 1516.26
TOTAL CUBIC METERS 42.94

OCONEE NUCLEAR STATION SOLID RADWASTE REPORT
REPORT PERIOD: JANUARY - DECEMBER
WASTE TYPE: UNCOMPACTED DAW

# OF SHIPMENTS FROM ONS TO CNSI 2
# OF CONTAINERS FROM ONS TO CNSI 6

| RSR NUMBER | CUBIC FEET | CURIES | A-U | A-S | B | C | |
|---|---|---|---|---|---|---|---|
| 01-2054 | 57.3 | 22.5 | 0 | 0 | 1 | 2 | |
| 01-2056 | 114.9 | 83 | 0 | 0 | 0 | 3 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | |
| TOTAL | 172.2 | 105.5 | 0 | 0 | 1 | 5 | |

TOTAL CUBIC METERS 4.88

OCONEE NUCLEAR STATION SOLID RADWASTE REPORT
**REPORT PERIOD: JANUARY - DECEMBER**
**WASTE TYPE: METAL (CNSI, DURATEK & ENVIROCARE)**

| | | | |
|---|---|---|---|
| # OF SHIPMENTS TO DECON FACILITY | 7 | # OF SHIPMENTS TO DISPOSAL FACILITY: | 33 |
| # OF CONTAINERS TO DECON FACILITY | 9 | # OF CONTAINERS TO DISPOSAL FACILITY | 33 |

| RSR # | DECON FACILITY | CU. FT.. TO PROCESSOR | CURIES TO PROCESSOR | CU. FT. TO DISPOSAL FACILITY | CURIES TO DISPOSAL FACILITY | COMPLETED |
|---|---|---|---|---|---|---|
| 01-2002 | DURATEK | 820 | 0.927 | 154.78 | 0.784 | |
| 01-2025 | DURATEK | 1000 | 0.013 | 166.63 | 0.011 | |
| 01-2043 | DURATEK | 880 | 0.034 | 51.33 | 0.006 | |
| 00-2006 | DURATEK | 0 | 0 | 185.44 | 0.036 | |
| 00-2056 | DURATEK | 0 | 0 | 100.14 | 0.003 | |
| 00-2039 | DURATEK | 0 | 0 | 145.00 | 0.0283 | |
| 01-2049 | DURATEK | 165.5 | 0.0789 | 2.87 | 0.00049 | |
| 01-2058 | DURATEK | 888.7 | 0.307 | 0.00 | 0.000 | |
| 01-2057 | DURATEK | 700 | 0.0427 | 134.26 | 0.021 | |
| 01-2067 | DURATEK | 1000 | 0.0552 | 0.00 | 0.000 | |
| 00-2022 | DURATEK | 0 | 0 | 0.60 | 0.003 | |
| 00-2043 | DURATEK | 0 | 0 | 0.63 | 0.010 | |
| 01-2024 | DURATEK | 0 | 0 | 2.31 | 0.070 | |
| 01-2060 | DURATEK | 0 | 0 | 6.87 | 0.011 | |
| 01-2063 | DURATEK | 0 | 0 | 32.16 | 0.048 | |
| | | 0 | 0 | 0.00 | 0.000 | |
| | | 0 | 0 | 0.00 | 0.000 | |
| | | 0 | 0 | 0.00 | 0.000 | |
| | | 0 | 0 | 0.00 | 0.000 | |
| | | 0 | 0 | 0.00 | 0.000 | |
| | | 0 | 0 | 0.00 | 0.000 | |
| | | 0 | 0 | 0.00 | 0.000 | |
| | | 0 | 0 | 0.00 | 0.000 | |
| | | 0 | 0 | 0.00 | 0.000 | |
| | | 0 | 0 | 0.00 | 0.000 | |
| | | 0 | 0 | 0.00 | 0.000 | |
| | | 0 | 0 | 0.00 | 0.000 | |
| | | 0 | 0 | 0.00 | 0.000 | |
| | | 0 | 0 | 0.00 | 0.000 | |
| TOTAL | | 5454.2 | 1.4578 | 983.01 | 1.032 | |

TOTAL CUBIC METERS 27.83619

OCONEE NUCLEAR STATION SOLID RADWASTE REPORT
REPORT PERIOD: JANUARY - DECEMBER
WASTE TYPE: DEMIN RESIN

# OF LINERS SHIPPED TO CNSI 3

# OF SHIPMENTS TO CNSI 3

| ISOTOPE: | % ABUNDANCE/LINER | | | | | | | | | | | | | | | | | | | | | | | TOTAL | AVE. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CR-51 | 0.000 | 0.000 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 0.000 |
| MN-54 | 0.000 | 0.000 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 0.000 |
| CO-57 | 0.000 | 0.000 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 0.000 |
| CO-58 | 16.416 | 54.091 | 39.44 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | ####### | 36.649 |
| CO-60 | 7.440 | 3.424 | 5.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 15.861 | 5.287 |
| NB-95 | 0.000 | 1.545 | 2.37 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.910 | 1.303 |
| ZR-95 | 0.000 | 0.084 | 1.36 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.445 | 0.482 |
| CS-134 | 1.931 | 1.880 | 0.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.920 | 1.307 |
| RU-103 | 0.000 | 0.000 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 0.000 |
| AG-110m | 6.108 | 4.676 | 10.32 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 21.101 | 7.034 |
| SB-125 | 4.241 | 0.447 | 2.24 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 6.924 | 2.308 |
| I-131 | 0.000 | 0.000 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 0.000 |
| CS-137 | 13.935 | 10.607 | 1.70 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 26.242 | 8.747 |
| H-3 | 0.062 | 0.031 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.092 | 0.031 |
| NI-63 | 27.847 | 12.741 | 19.77 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 60.357 | 20.119 |
| FE-55 | 21.400 | 9.896 | 17.12 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 48.417 | 16.139 |
| SR-90 | 0.050 | 0.038 | 0.0023 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.090 | 0.030 |
| TE-125m | 0.000 | 0.000 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 0.000 |
| CS-136 | 0.000 | 0.000 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 0.000 |
| XE-133 | 0.000 | 0.000 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 0.000 |
| C-14 | 0.177 | 0.081 | 0.45 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.704 | 0.235 |
| PU-241 | 0.292 | 0.222 | 0.16 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.676 | 0.225 |
| TRU | 0.000 | 0.000 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 0.000 |
| FE-59 | 0.000 | 0.000 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 0.000 |
| U-234/238 | 0.000 | 0.000 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 0.000 |
| TE-132 | 0.000 | 0.000 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 0.000 |
| CE-144 | 0.000 | 0.000 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 0.000 |
| PU-238 | 0.004 | 0.006 | 0.0027 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.013 | 0.004 |
| PU-239\40 | 0.003 | 0.226 | 0.0012 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.230 | 0.077 |
| AM-241 | 0.004 | 0.003 | 0.0021 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.009 | 0.003 |
| CM-242 | 0.001 | 0.001 | 0.0038 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.006 | 0.002 |
| CM-243/44 | 0.004 | 0.003 | 0.0029 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.009 | 0.003 |
| BA-133 | 0.000 | 0.000 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 0.000 |
| CD-109 | 0.000 | 0.000 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 0.000 |
| SN-113 | 0.000 | 0.000 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 0.000 |
| SR-85 | 0.000 | 0.000 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 0.000 |
| RU-106 | 0.000 | 0.000 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 0.000 |
| CE-139 | 0.000 | 0.000 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 0.000 |
| HG-203 | 0.000 | 0.000 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 0.000 |
| ZN-65 | 0.000 | 0.000 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 0.000 |
| SB-124 | 0.086 | 0.000 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.086 | 0.029 |
| TOTAL | 100.00 | 100.00 | 100.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 300.04 | 100.01 |
| CLASS C | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| CLASS B | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | |
| CLASS AS | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| CLASS AU | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| CURIES | 5.02 | 8.759 | 53.51 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 67.289 | |
| CU. FT. | 120.3 | 120.3 | 120.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 360.9 | |
| CU. M | 3.4066 | 3.40658 | 3.4066 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10.22 | |
| RSR# | 01-2010 | 01-2044 | 01-2059 | | | | | | | | | | | | | | | | | | | | | | |

**OCONEE NUCLEAR STATION SOLID RADWASTE REPORT**
**REPORT PERIOD: JANUARY - DECEMBER**
**WASTE TYPE: IRRADIATED COMPONANT**

# OF CONTAINERS SHIPPED TO CNSI/DURATEK 6
# OF SHIPMENTS TO CNSI/DURATEK 6

| ISOTOPE: | % ABUNDANCE/LINER | | | | | | | | | | | | | | | | | | | | | | TOTAL | AVERAGE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CR-51 | 31.02 | 30.39 | 29.85 | 8.88 | 9.07 | 8.69 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 117.91 | 19.65 |
| MN-54 | 2.35 | 2.36 | 2.37 | 2.90 | 2.90 | 2.90 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 15.77 | 2.63 |
| CO-57 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| CO-58 | 5.62 | 5.86 | 5.85 | 4.46 | 4.50 | 4.44 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 30.73 | 5.12 |
| CO-60 | 25.55 | 25.72 | 26.00 | 35.44 | 35.35 | 35.55 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 183.61 | 30.60 |
| NB-95 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| ZR-95 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| CS-134 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RU-103 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| AG-110m | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SB-125 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| I-131 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| CS-137 | 0.00 | 0.00 | 0.00 | 4.5E-12 | 4.5E-12 | 4.5E-12 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| H-3 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.12 | 0.02 |
| NI-63 | 2.35 | 2.36 | 2.39 | 3.33 | 3.32 | 3.34 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 17.09 | 2.85 |
| FE-55 | 33.08 | 33.26 | 33.51 | 44.93 | 44.81 | 45.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 234.61 | 39.10 |
| NI-59 | 0.02 | 0.02 | 0.02 | 0.03 | 0.03 | 0.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 0.03 |
| TE-125m | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| CS-136 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| XE-133 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| C-14 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| PU-241 | 0.0010 | 0.0010 | 0.0010 | 0.0013 | 0.0013 | 0.0013 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0069 | 0.0012 |
| TRU | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| FE-59 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SB-124 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RU-106 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| CE-144 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| TA-182 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| CM-242 | 0.0002 | 0.0002 | 0.0002 | 0.0002 | 0.0002 | 0.0002 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0012 | 0.0002 |
| PU-238 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0000 | 0.0000 |
| CM-243 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0000 | 0.0000 |
| TOTAL | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 600.00 | 100.00 |
| CLASS C | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| CLASS B | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| CLASS AS | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | |
| CLASS AU | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| CURIES | 5.824 | 5.538 | 6.174 | 4.31 | 3.079 | 5.815 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30.74 | |
| CU. FT. | 25.08 | 22.99 | 25.08 | 25.08 | 25.08 | 25.08 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 148.39 | |
| CU. M | 0.7102 | 0.651 | 0.7102 | 0.7102 | 0.7102 | 0.7102 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4.202 | |
| RSR# | 01-2011 | 01-2012 | 01-2013 | 01-2051 | 01-2050 | 01-2052 | 01-2058 * | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |

NOTE: * SHIPMENT MADE TO DURATEK. SHIPMENT HAS NOT BEEN PROCESSED.

OCONEE NUCLEAR STATION SOLID RADWASTE REPORT
REPORT PERIOD: JANUARY - DECEMBER
WASTE TYPE: PRIMARY FILTERS

# OF DRUMS/LINERS TO CNSI 2

# OF SHIPMENTS TO CNSI 2

| ISOTOPE: | % ABUNDANCE/LINER | | | | | | | | | | | | | | | | | | | | TOTAL | AVERAGE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CR-51 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 |
| MN-54 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 |
| CO-57 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 |
| CO-58 | 77.83 | 73.89 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 151.72 | 75.861 |
| CO-60 | 1.49 | 1.95 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.44 | 1.719 |
| NB-95 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 |
| TC-99 | 0.00 | 0.0001 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 |
| CS-134 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 |
| RU-103 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 |
| AG-110m | 1.30 | 1.22 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.52 | 1.261 |
| SB-125 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 |
| I-131 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 |
| CS-137 | 1.49 | 1.42 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.91 | 1.453 |
| H-3 | 0.01 | 0.23 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.24 | 0.120 |
| NI-63 | 12.77 | 15.95 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 28.73 | 14.364 |
| FE-55 | 4.98 | 5.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 10.01 | 5.003 |
| SR-90 | 0.00 | 0.0041 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.002 |
| TE-125m | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 |
| CS-136 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 |
| XE-133 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 |
| C-14 | 0.11 | 0.14 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.25 | 0.124 |
| PU-241 | 0.00 | 0.09 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 |
| PU-238 | 0.0035 | 0.0058 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.005 |
| PU-239 | 0.0010 | 0.0018 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.001 |
| SB-124 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 |
| RU-106 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 |
| CE-144 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 |
| NI-59 | 0.00 | 0.06 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.06 | 0.029 |
| CE-141 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 |
| AM-241 | 0.00 | 0.0005 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 |
| CM-242 | 0.01 | 0.0090 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.02 | 0.009 |
| CM-243/44 | 0.003 | 0.0038 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.003 |
| TOTAL | 100.00 | 100.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 199.88 | 99.95 |
| CLASS C | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | |
| CLASS B | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | |
| CLASS AS | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| CLASS AU | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| CURIES | 7.452 | 14.48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21.932 | |
| CU. FT. | 120.3 | 120.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 240.6 | |
| CU. M | 3.406581 | 3.406581 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6.8132 | |
| RSR# | 01-2005 | 01-2016 | | | | | | | | | | | | | | | | | | | | |

OCONEE NUCLEAR STATION SOLID RADWASTE REPORT
REPORT PERIOD: JANUARY - DECEMBER
WASTE TYPE: SECONDARY FILTERS

# OF CONTAINERS SHIPPED TO DURATEK 2 # OF CONTAINERS SHIPPED TO CNSI / ENVIROCARE 0

# OF SHIPMENTS TO DURATEK 1 # OF SHIPMENTS TO CNSI / ENVIROCARE 0

| ISOTOPE: | % ABUNDANCE/LINER | | | | | | | | | | | | | | | | | | | TOTAL | AVERAGE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CR-51 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| MN-54 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| CO-57 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| CO-58 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| CO-60 | 4.13 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 4.13 | 4.13 |
| NB-95 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| ZR-95 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| CS-134 | 9.45 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 9.45 | 9.45 |
| RU-103 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| AG-110m | 1.42 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.42 | 1.42 |
| SB-125 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| I-131 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| CS-137 | 69.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 69.93 | 69.93 |
| H-3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| NI-63 | 5.82 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 5.82 | 5.82 |
| FE-55 | 8.75 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 8.75 | 8.75 |
| SR-90 | 0.19 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.19 | 0.19 |
| TE-125m | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| CS-136 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| XE-133 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| C-14 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| PU-241 | 0.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.28 | 0.28 |
| TRU | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| FE-59 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SB-124 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RU-106 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| CE-144 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| CM-243 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 |
| PU-238 | 0.0047 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| PU-239 | 0.0036 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| AM-241 | 0.0059 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 |
| CM-242 | 0.0039 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| TOTAL | 100.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 100.00 | 100.00 | |
| CLASS C | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| CLASS B | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| CLASS AS | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| CLASS AU | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| CURIES | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| CU. FT. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| CU. M | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| RSR# | 01-2029 | | | | | | | | | | | | | | | | | | | | |

**OCONEE NUCLEAR STATION SOLID RADWASTE REPORT**
**REPORT PERIOD: JANUARY - DECEMBER**
**WASTE TYPE: SOLIDIFIED (CEMENT) OIL, ACIDS, SLUDGES**

# OF CONTAINERS SHIPPED 0
# OF SHIPMENTS 0

| ISOTOPE: | % ABUNDANCE/LINER | | | | | | | | | | | | | | | | | | | | | | | TOTAL | AVERAGE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CR-51 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | #DIV/0! |
| MN-54 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | #DIV/0! |
| CO-57 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | #DIV/0! |
| CO-58 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | #DIV/0! |
| CO-60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | #DIV/0! |
| NB-95 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | #DIV/0! |
| ZR-95 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | #DIV/0! |
| CS-134 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | #DIV/0! |
| RU-103 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | #DIV/0! |
| AG-110m | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | #DIV/0! |
| SB-125 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | #DIV/0! |
| I-131 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | #DIV/0! |
| CS-137 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | #DIV/0! |
| H-3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | #DIV/0! |
| NI-63 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | #DIV/0! |
| FE-55 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | #DIV/0! |
| SR-90 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | #DIV/0! |
| TE-125m | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | #DIV/0! |
| CS-136 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | #DIV/0! |
| XE-133 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | #DIV/0! |
| C-14 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | #DIV/0! |
| PU-241 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | #DIV/0! |
| TRU | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | #DIV/0! |
| FE-59 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | #DIV/0! |
| SB-124 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | #DIV/0! |
| RU-106 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | #DIV/0! |
| CE-144 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | #DIV/0! |
| CM-242 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | #DIV/0! |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | #DIV/0! |
| TOTAL | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | #DIV/0! |
| CLASS C | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| CLASS B | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| CLASS AS | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| CLASS AU | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| CURIES | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| CU. FT. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| CU. M | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| RSR# | | | | | | | | | | | | | | | | | | | | | | | | | |

| | JAN | FEB | MARCH | APRIL | MAY | JUNE | JULY | AUG | SEPT | OCT | NOV | DEC | TOTAL FT3 | TOTAL Cm | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **DAW** | | | | | | | | | | | | | | | |
| CNSI - SHIP | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 57.30 | 0.00 | 0.00 | 114.90 | 0.00 | 172.20 | 4.88 | |
| **CNSI - BURIAL** | **0.00** | **0.00** | **0.00** | **0.00** | **0.00** | **0.00** | **0.00** | **57.30** | **0.00** | **0.00** | **114.90** | **0.00** | **172.20** | **4.88** | |
| GTS - SHIP | 2,000.00 | 0.00 | 2,000.00 | 2,000.00 | 3,985.00 | 0.00 | 3,000.00 | 0.00 | 0.00 | 2,000.00 | 3,900.00 | 3,000.00 | 21,885.00 | 619.73 | |
| GTS - SHIP (NORMAL) | | | | | | | | | | | 30,429.00 | 10,195.00 | | 40,624.00 | **TOTAL POUNDS** |
| GTS - SHIP (OUT OF NORM) | | | | | | | | | | | 811.00 | 0.00 | | 811.00 | **TOTAL POUNDS** |
| **GTS - BURIAL** | **393.71** | **57.04** | **121.29** | **20.80** | **61.33** | **108.02** | **53.31** | **150.37** | **160.52** | **55.46** | **48.59** | **285.83** | **1,516.26** | **42.94** | |
| **GTS - BURIAL (NORMAL)** | | | | | | | | | | | | | | **0.00** | **TOTAL POUNDS** |
| **GTS - BURIAL (OUT OF NORM)** | | | | | | | | | | | | | | **0.00** | **TOTAL POUNDS** |
| **US ECOLOGY - BURIAL** | **0.00** | **0.00** | **0.00** | **0.00** | **0.00** | **0.00** | **0.00** | **0.00** | **0.00** | **0.00** | **0.00** | **0.00** | **0.00** | **0.00** | |
| **METAL** | | | | | | | | | | | | | | | |
| CNSI - SHIP | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| **CNSI - BURIAL** | **0.00** | **0.00** | **0.00** | **0.00** | **0.00** | **0.00** | **0.00** | **0.00** | **0.00** | **0.00** | **0.00** | **0.00** | **0.00** | **0.00** | |
| GTS - SHIP | 820.00 | 0.00 | 0.00 | 0.00 | 1,000.00 | 880.00 | 165.50 | 0.00 | 0.00 | 1,588.70 | 0.00 | 1,000.00 | 5,454.20 | 154.45 | |
| **GTS - BURIAL** | **0.00** | **0.00** | **0.00** | **0.00** | **283.37** | **39.36** | **19.35** | **39.90** | **0.00** | **138.34** | **358.19** | **104.51** | **983.01** | **27.84** | |
| **POWDEX** | | | | | | | | | | | | | | | |
| CNSI - SHIP | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| **CNSI - BURIAL** | **0.00** | **0.00** | **0.00** | **0.00** | **0.00** | **0.00** | **0.00** | **0.00** | **0.00** | **0.00** | **0.00** | **0.00** | **0.00** | **0.00** | |
| ATG - SHIP | 0.00 | 555.00 | 0.00 | 0.00 | 0.00 | 555.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1,110.00 | 31.43 | |
| **ATG - BURIAL** | **0.00** | **13.50** | **0.00** | **0.00** | **0.00** | **0.00** | **0.00** | **0.00** | **0.00** | **923.35** | **0.00** | **0.00** | **936.85** | **26.53** | |
| **P. FILTERS** | | | | | | | | | | | | | | | |
| CNSI - SHIP | 0.00 | 0.00 | 120.30 | 120.30 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 240.60 | 6.81 | |
| **CNSI - BURIAL** | **0.00** | **0.00** | **120.30** | **120.30** | **0.00** | **0.00** | **0.00** | **0.00** | **0.00** | **0.00** | **0.00** | **0.00** | **240.60** | **6.81** | |
| **B. RESIN** | | | | | | | | | | | | | | | |
| CNSI - SHIP | 0.00 | 0.00 | 0.00 | 0.00 | 120.30 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 120.30 | 3.41 | |
| **CNSI - BURIAL** | **0.00** | **0.00** | **0.00** | **0.00** | **120.30** | **0.00** | **0.00** | **0.00** | **0.00** | **0.00** | **0.00** | **0.00** | **120.30** | **3.41** | |
| **D. RESIN** | | | | | | | | | | | | | | | |
| CNSI - SHIP | 0.00 | 0.00 | 120.30 | 0.00 | 0.00 | 0.00 | 120.30 | 0.00 | 0.00 | 120.30 | 0.00 | 0.00 | 360.90 | 10.22 | |
| **CNSI - BURIAL** | **0.00** | **0.00** | **120.30** | **0.00** | **0.00** | **0.00** | **120.30** | **0.00** | **0.00** | **120.30** | **0.00** | **0.00** | **360.90** | **10.22** | |
| **S. FILTERS** | | | | | | | | | | | | | | | |
| GTS - SHIP | 0.00 | 0.00 | 0.00 | 0.00 | 15.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 15.00 | 0.42 | |
| **GTS - BURIAL** | **0.00** | **0.00** | **0.00** | **0.00** | **0.00** | **0.00** | **0.00** | **0.00** | **0.00** | **0.00** | **0.00** | **0.00** | **0.00** | **0.00** | |
| **IRR. COMP** | | | | | | | | | | | | | | | |
| CNSI - SHIP | 0.00 | 73.15 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 75.24 | 0.00 | 0.00 | 0.00 | 148.39 | 4.20 | |
| **CNSI - BURIAL** | **0.00** | **73.15** | **0.00** | **0.00** | **0.00** | **0.00** | **0.00** | **0.00** | **75.24** | **0.00** | **0.00** | **0.00** | **148.39** | **4.20** | |
| GTS - SHIP | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 111.30 | 0.00 | 0.00 | 111.30 | 3.15 | |
| **GTS - BURIAL** | **0.00** | **0.00** | **0.00** | **0.00** | **0.00** | **0.00** | **0.00** | **0.00** | **0.00** | **0.00** | **0.00** | **0.00** | **0.00** | **0.00** | |
| **TOTAL** | | | | | | | | | | | | | | | |
| **SHIPPED Ft3** | 2,820.00 | 628.15 | 2,240.60 | 2,120.30 | 5,120.30 | 1,435.00 | 3,285.80 | 57.30 | 75.24 | 3,820.30 | 4,014.90 | 4,000.00 | 29,617.89 | 838.70 | |
| **SHIPPED M3** | 79.86 | 17.79 | 63.45 | 60.04 | 144.99 | 40.64 | 93.05 | 1.62 | 2.13 | 108.18 | 113.69 | 113.27 | 838.70 | 23.75 | |
| **BURIAL Ft3** | **393.71** | **143.69** | **361.89** | **141.10** | **465.00** | **147.37** | **192.96** | **247.57** | **235.76** | **1,237.45** | **521.68** | **390.34** | **4,478.51** | **126.82** | |
| **BURIAL M3** | **11.15** | **4.07** | **10.25** | **4.00** | **13.17** | **4.17** | **5.46** | **7.01** | **6.68** | **35.04** | **14.77** | **11.05** | **126.82** | **3.59** | |
| **CUBIC METER** | | | | | | | **INPO INFORMATION** | | | | | | | **Y-T-D TOTAL** | |
| **DAW** | **11.15** | **3.69** | **3.43** | **0.59** | **9.76** | **4.17** | **2.06** | **7.01** | **6.68** | **5.49** | **14.77** | **11.05** | **79.85** | **126.82** | |
| **SLUDGE,RESIN & BOTTOMS** | **0.00** | **0.38** | **6.81** | **3.41** | **3.41** | **0.00** | **3.41** | **0.00** | **0.00** | **29.55** | **0.00** | **0.00** | **46.97** | | |

# Attachment 3

# Oconee Nuclear Site

# Inoperable Monitoring Equipment

OCONEE NUCLEAR SITE

**There were no RADIOACTIVE GAS/LIQUID MONITORS inoperable for greater than 30 days.**

# Attachment 4

# Oconee Nuclear Site

# ODCM / PCP Manual Changes

# OCONEE NUCLEAR SITE

| | |
|---|---|
| PCP | There were no revisions to the Process Control Program for 2001. This applies to the Corporate Section and the Oconee Nuclear site. |
| ODCM | See the attached CD for Revision 42 to the Oconee Nuclear Station Offsite Dose Calculation Manual (ODCM) Oconee Nuclear Station |