

BRAINWOOD NUCLEAR POWER STATION  
 SEMIANNUAL EFFLUENT REPORT FOR JANUARY TO JUNE, 1988  
 GASEOUS EFFLUENTS - VENT STACK RELEASES  
 UNIT 1

|   | UNITS | JAN | FEB | MAR | 1st QUARTER | APR | MAY | JUN | 2nd QUARTER |
|---|-------|-----|-----|-----|-------------|-----|-----|-----|-------------|
| H. Particulate (> 8 day half-life) Releases |       |     |     |     |             |     |     |     |             |
| Mn-54                                       | Ci    |     |     |     |             |     |     |     |             |
| Fe-55                                       | Ci    |     |     |     |             |     |     |     |             |
| Fe-59                                       | Ci    |     |     |     |             |     |     |     |             |
| Co-58                                       | Ci    |     |     |     |             |     |     |     |             |
| Co-60                                       | Ci    |     |     |     |             |     |     |     |             |
| Sr-89                                       | Ci    |     |     |     |             |     |     |     | 5 LLD       |
| Sr-90                                       | Ci    |     |     |     |             |     |     |     | 5 LLD       |
| Y-88  | Ci    |     |     |     |             |     |     |     |             |
| Ru-103                                      | Ci    |     |     |     |             |     |     |     |             |
| Ag-110m                                     | Ci    |     |     |     |             |     |     |     |             |
| Cs-134                                      | Ci    |     |     |     |             |     |     |     |             |
| Cs-136                                      | Ci    |     |     |     |             |     |     |     |             |
| Cs-137                                      | Ci    |     |     |     |             |     |     |     |             |
| Ba/La-140                                   | Ci    |     |     |     |             |     |     |     |             |
| Ce-144                                      | Ci    |     |     |     |             |     |     |     |             |
| Others (Specify)                            |       |     |     |     |             |     |     |     |             |

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BRAIDWOOD NUCLEAR POWER STATION  
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 GASEOUS EFFLUENTS - VENT STACK RELEASES  
 UNIT 2

|   | JAN | FEB | MAR | 1-1 | APR | MAY | JUN | 2nd QUARTER |
|---|-----|-----|-----|-----|-----|-----|-----|-------------|
| H. Particulate (> 8 day half-life) Releases |     |     |     |     |     |     |     |             |
| Mn-54                                       |     |     |     |     |     |     |     |             |
| Fe-55                                       |     |     |     |     |     |     |     |             |
| Fe-59                                       |     |     |     |     |     |     |     |             |
| Co-58                                       |     |     |     |     |     |     |     |             |
| Co-60                                       |     |     |     |     |     |     |     |             |
| Sr-89                                       |     |     |     |     |     |     |     | < LLD       |
| Sr-90                                       |     |     |     |     |     |     |     | < LLD       |
| Y-88  |     |     |     |     |     |     |     |             |
| Ru-103                                      |     |     |     |     |     |     |     |             |
| Ru-110m                                     |     |     |     |     |     |     |     |             |
| Cs-134                                      |     |     |     |     |     |     |     |             |
| Cs-136                                      |     |     |     |     |     |     |     |             |
| Cs-137                                      |     |     |     |     |     |     |     |             |
| Ba/La-140                                   |     |     |     |     |     |     |     |             |
| Ce-144                                      |     |     |     |     |     |     |     |             |
| Others (Specify)                            |     |     |     |     |     |     |     |             |

BRADWOOD NUCLEAR POWER STATION  
 SEMI-ANNUAL EFFLUENT REPORT FOR JANUARY TO JUNE, 1968  
 LIQUID EFFLUENTS  
 UNIT 1

|                      | UNITS | JAN | FEB | MAR | 1st QUARTER | APR | MAY | JUN | 2nd QUARTER |
|----------------------|-------|-----|-----|-----|-------------|-----|-----|-----|-------------|
| 0. Liquid Effluents: |       |     |     |     |             |     |     |     |             |
| Sr-89                | Ci    |     |     |     |             |     |     |     | < LLD       |
| Sr-90                | Ci    |     |     |     |             |     |     |     | < LLD       |
| Co-58                | Ci    |     |     |     |             |     |     |     |             |
| Co-60                | Ci    |     |     |     |             |     |     |     |             |
| Cs-134               | Ci    |     |     |     |             |     |     |     |             |
| Cs-136               | Ci    |     |     |     |             |     |     |     |             |
| Cs-137               | Ci    |     |     |     |             |     |     |     |             |
| I-131                | Ci    |     |     |     |             |     |     |     |             |
| I-133                | Ci    |     |     |     |             |     |     |     |             |
| Ba/La-140            | Ci    |     |     |     |             |     |     |     |             |
| Xe-133               | Ci    |     |     |     |             |     |     |     |             |
| Fe-55                | Ci    |     |     |     |             |     |     |     | < LLD       |
| Others (Specify)     | Ci    |     |     |     |             |     |     |     |             |

