

TABLE 3b

BIG ROCK POINT NUCLEAR POWER PLANT
EFFLUENT AND WASTE DISPOSAL SEMIANNUAL REPORT (1981)

LIQUID EFFLUENTS

| NUCLIDES RELEASED | UNITS | FIRST QUARTER | SECOND QUARTER |
|-----------------------|-------|---------------|----------------|
| Antimony-124 | Ci | 1.37E-04 | -- |
| Cesium-134 | Ci | 2.45E-02 | 5.87E-03 |
| Cesium-137 | Ci | 6.93E-02 | 1.96E-02 |
| Iron-59 | Ci | 2.37E-03 | -- |
| Zinc-65 | Ci | 1.82E-04 | -- |
| Cobalt-60 | Ci | 3.48E-02 | 6.94E-03 |
| Manganese-54 | Ci | 1.40E-02 | 1.68E-03 |
| Lanthanum-140 | Ci | 5.92E-06 | -- |
| Silver-110m | Ci | 1.70E-04 | -- |
| Strontium-89 | Ci | 3.04E-05 | 3.50E-05* |
| Strontium-90 | Ci | 4.87E-04 | 9.88E-05* |
| Cobalt-58 | Ci | 1.39E-04 | 8.59E-05 |
| | Ci | -- | -- |
| Net Unidentified Beta | Ci | 5.70E-02 | 7.05E-03 |
| Chromium-51 | Ci | 1.35E-02 | 5.56E-03 |
| Iodine-131 | Ci | 1.39E-04 | 5.45E-05 |
| Total for Period | Ci | 2.17E-01 | 4.70E-02 |
| Xenon-133 | Ci | 2.44E-05 | -- |

*June results not available at time of report

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TABLE 4

BIG ROCK POINT NUCLEAR POWER PLANT
EFFLUENT AND WASTE DISPOSAL SEMIANNUAL REPORT (1981)
SOLID WASTE AND IRRADIATED FUEL SHIPMENTS

A. SOLID WASTE SHIPPED OFFSITE FOR BURIAL OR DISPOSAL (NOT IRRADIATED FUEL)

| 1. Type of Waste | Units | First 6 Months |
|--|----------------------|----------------|
| a. Spent resins, filter sludges, evaporator bottoms, etc. | m ³ Ci | 38.0 292.1 |
| b. Dry compressible waste, contaminated equipment, etc. | m ³ Ci | 72.1 3.57 |
| c. Irradiated components, control rods, etc. | m ³ Ci | - - |
| d. Other (describe) | m ³ Ci | - - |

2. Solid Waste Disposition

| <u>No. of Shipments</u> | <u>Mode of Transportation</u> | <u>Destination License Number</u> |
|-------------------------|-------------------------------|--|
| 8 | Truck | Chem-Nuclear Systems Barnwell, SC 146-13536-01 |
| 3 | Truck | US Ecology Richland, WA WN-I019-2 |

B. IRRADIATED FUEL SHIPMENTS (DISPOSITION)

| <u>No. of Shipments</u> | <u>Mode of Transportation</u> | <u>Destination</u> |
|-------------------------|-------------------------------|--------------------|
| None | - | - |