

LICENSE NO. SNM-1174

TABLE IRadioactivity in Gaseous Effluents - 2nd 1/2 1979

| Activity Released | Unit | Continuous Mode | | Batch Mode | |
|--|----------|-----------------|----------|------------|----------|
| | | 3rd Qtr. | 4th Qtr. | 3rd Qtr. | 4th Qtr. |
| 1. Particulates - Elevated Release and Total Release | | | | | |
| Gross Alpha* | Ci | 1.95E-06 | 8.67E-07 | 0.00E+00 | 0.00E+00 |
| Average Release Rate | uCi/sec. | 2.48E-07 | 1.10E-07 | 0.00E+00 | 0.00E+00 |

2. Other - None

*From Plutonium containing 86% Pu-239 + 12% Pu-240

TABLE IIRadioactivity in Liquid Effluents - 2nd 1/2 1979

No liquid effluent released.

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TABLE I

Radioactivity in Gaseous Effluent - 2nd 1/2 1979

| Activity Released | Unit | Continuous Mode | | Batch Mode | |
|--|---------|-----------------|----------|------------|----------|
| | | 3rd Qtr. | 4th Qtr. | 3rd Qtr. | 4th Qtr. |
| 1. Particulates - Elevated Release and Total Release | | | | | |
| Gross Alpha* | Ci | 1.58E-07 | 5.37E-06 | 0.00E+00 | 0.00E+00 |
| Average Release P | uCi/sec | 2.01E-08 | 6.83E-07 | 0.00E+00 | 0.00E+00 |

2. Other - None

*From enriched Uranium containing 2.7% U-235

TABLE II

Radioactivity in Liquid Effluents - 2nd 1/2 1979

No liquid effluent released.