

EFFLUENT MONITORING REPORT
FOR JULY - DECEMBER 1980

Licensee: Combustion Engineering, Inc.
Route 21-A
Hematite, Missouri 63047

License No. SNM-33

The following quantities of low-enriched uranium were released to unrestricted areas during the period July through December 1980:

Liquid ⁽¹⁾	2.39×10^{-3}	Curies	(5.4×10^7 liters)
Gaseous ⁽²⁾	2.72×10^{-5}	Curies	(5.2×10^9 ft. ³)

The following quantity of fluoride was released during the period July through December 1980:

Fluoride⁽³⁾ 4.34×10^3 pounds

Fluoride concentrations in vegetation samples ranged from <2 to 26 ppm.

- (¹) Measured at discharge of site pond to form site creek. Includes naturally occurring alpha-emitters present in the water.
- (²) Particulate uranium compounds measured by continuous exhaust stack sampling.
- (³) Measured by continuous stack sampling in compliance with Condition 19 to SNM-33, dated March 31, 1977. Projected total annual release (environmental impact information) was 1.35×10^4 pounds, based on a 5-year annual average. Releases for 1980 total 1.27×10^4 pounds. Therefore, no corrective action is indicated.