

EFFLUENT MONITORING REPORT
FOR JANUARY - JUNE 1980

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

License No. SNM-33
Docket No. 70-36

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

Liquid ¹	4.04×10^{-3} Curies	(1.8×10^8 liters)
Gaseous ²	2.86×10^{-5} Curies	(7.4×10^9 ft. ³)

The following quantity of fluoride was released during the period January through June 1980:

Fluoride³ 1.08×10^4 Pounds

Fluoride concentration in vegetation samples ranged from 4 to 24 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 5-year average release (environmental impact information) was 6.75×10^3 lb. for a 6-month period. The measured average 6-month release (July 1977-June 1980) has been 6.48×10^3 lb.

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