

Interoffice Correspondence

NIS/84/2008



release

February 21, 1984

R

Director of Inspection and Enforcement
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Subject: Effluent Monitoring Report
July - December 1983

Dear Sir:

The subject report is submitted in accordance with the requirements of
10 CFR 70.59.

This information relates to licensed activities conducted at Combustion
Engineering, Inc.'s facility located at Hematite, Missouri. The license
number under which these activities are conducted is SNM-33.

Very truly yours,

COMBUSTION ENGINEERING, INC.

H. E. Eskridge
Supervisor, Nuclear Licensing,
Safety and Accountability

/eg

Enclosure

cc: W. B. Grant - NRC, Region III

NRC Document Management Branch
Washington, D.C.

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AFFLUENT MONITORING REPORT
FOR JANUARY - JUNE 1983

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 1983:

| | |
|------------------------|---|
| Liquid ⁽¹⁾ | 9.40×10^{-4} Curies (3.17×10^6 liters) |
| Gaseous ⁽²⁾ | 1.53×10^{-4} Curies (1.31×10^{10} ft. ³) |

The following quantity of fluoride was released during the period January through June 1983:

Fluoride⁽³⁾ 4.66×10^3 Pounds

Fluoride concentration in vegetation samples ranged from 9 to 29 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 6.75×10^5 lb. for a 6-month period.