C-E Power Systems
Combustion Engineering, Inc.
Route 21-A
Hematite, Missouri 63047

Tel. 314 937-4691
314 296-5640

110 - 36

NIS/83/1032

POWER SYSTEMS

PRINCIPAL STAFF			
RA		ENF	
D/RA		SCS	
A/RA		PAO	
DPRP		SLO	
DRMA		RC	
DRMSP			
DE			
ML			
OL		FILE	✓

August 29, 1983

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

Subject: Effluent Monitoring Report
January - June 1983

Dear Sir:

The subject report is submitted in accordance with the requirements of 10CFR70.59.

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

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

/wg
Enclosure

cc: W. B. Grant - NRC Region III

H-26

AUG 31 1983

EFFLUENT 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^{3} lb. for a 6-month period.