



January 16, 2000

Director, Radiation Safety & Safeguards  
Region II  
United States Nuclear Regulatory Commission  
Atlanta Federal Center  
61 Forsyth Street Sw, Suite 23T85  
Atlanta, GA 30303

Reference: SNM 1168, docket 70-1201

In accord with the provisions of 10 CFR 70.59, the Lynchburg Manufacturing Facility of Framatome ANP, formerly known as Framatome Cogema Fuels, submits the enclosed gaseous effluent report for the second semi-annual period of 2000.

You may contact me at (804) 832-2816 should you have any questions or require additional information regarding the enclosed report.

Sincerely,

A handwritten signature in black ink, appearing to read 'T. Allsep', enclosed within a hand-drawn oval.

Timothy V. Allsep  
Supervisor, Radiation Protection

cc: Mr. Michael F. Weber  
Director, Division of Fuel Cycle Safety & Safeguards  
United States Nuclear Regulatory Commission  
Washington, D.C. 20555

Leslie P. Foldesi  
Commonwealth of Virginia  
Department of Health  
P.O. Box 2448  
Richmond, VA 23218

## Gaseous Effluent Report

### 1. PLR

Reporting Period:	06/01/00 to 1/3/01		
Sample Collection Point:	Main Plant Stack		
Volume Released:	3.76E+09	cubic feet	
Stack Flow Rate (typical):	12034	cubic feet per minute	
Activity Released	Gross Alpha:	1.922	uCi
	Gross Beta:	9.337	uCi

Isotope	Activity (uCi)	Concentration (uCi/ml)	% DAC
U-234	1.49E+00	1.41E-14	28.21
U-235	8.30E-02	7.86E-16	1.31
U-236	4.71E-03	4.46E-17	0.07
U-238	3.46E-01	3.28E-15	5.46
Co-60	9.337	8.84E-14	0.18

### 2. SERF-2 RCA

Reporting Period:	06/01/00 to 1/3/01		
Sample Collection Point:	SERF-2 RCA Stack		
Volume Released:	2.24E+08	cubic feet	
Stack Flow Rate (typical):	783	cubic feet per minute	
Activity Released	Gross Alpha:	0.000	uCi
	Gross Beta:	0.815	uCi

Isotope	Activity (uCi)	Concentration (uCi/ml)	% DAC
Co-60	0.815	1.28E-13	0.26

### 3. SERF-3 RCA

Reporting Period:	06/01/00 to 1/3/01		
Sample Collection Point:	SERF-3 RCA Stack		
Volume Released:	1.22E+09	cubic feet	
Stack Flow Rate (typical):	3823	cubic feet per minute	
Activity Released	Gross Alpha:	0.000	uCi
	Gross Beta:	6.405	uCi

Isotope	Activity (uCi)	Concentration (uCi/ml)	% DAC
Co-60	6.405	1.85E-13	0.37

**4. SERF-4 RCA**

Reporting Period:	06/01/00 to 1/3/01		
Sample Collection Point:	SERF-4 RCA Stack		
Volume Released:	3.18E+09	cubic feet	
Stack Flow Rate (typical):	10308	cubic feet per minute	
Activity Released	Gross Alpha:	0.000	uCi
	Gross Beta:	20.183	uCi

Isotope	Activity (uCi)	Concentration (uCi/ml)	% DAC
Co-60	20.183	2.24E-13	0.45