

FRAMATOME COGEMA FUELS

February 14, 1998

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

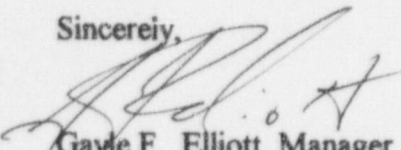
Reference: SNM-1168, Docket 70-1201

Gentlemen:

In accordance with the provisions of 10CFR70.59, Framatome Cogema Fuels submits the attached effluent monitoring report for the final six months of the year 1997 for our Lynchburg Manufacturing Facility site located in Lynchburg, Virginia.

You may contact me at (804) 832-5202 should you have any questions or require additional information.

Sincerely,


Gayle F. Elliott, Manager
Safety & Licensing

Enclosures

cc: Ms. Elizabeth Q. Ten Eyck, Director
Division of Fuel Cycle Safety & Safeguards
Office of Nuclear Material Safety & Safeguards
United States Nuclear Regulatory Commission
Washington, D.C. 20555

Mr. Thomas W. Stone, Jr.
Department of Health
Bureau of Industrial Hygiene
109 Governor Street
Richmond, VA 23219

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PDR ADOCK 07001201
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 **FRAMATOME**
TECHNOLOGIES

Framatome Cogema Fuels
P.O. Box 11646, Lynchburg, VA 24506-1646
Telephone: 804-832-5000 Fax: 804-832-0167



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Gaseous Effluent Report

1. PLR/ SERF-1 RCA

Reporting Period	07/01/97 to 12/31/97
Sample Collection Point	Main Stack
Volume Released	2.590E+09 cu ft
Stack Flow Rate (typical)	1.000E+04 cfm
Activity Released	Gross Alpha 2.2203 uCi
	Gross Beta 11.9798 uCi

ISOTOPE	ACTIVITY uCi	ACTIVITY uCi / ml	% DAC
U-234	1.728E+00	2.356E-14	47.125
U-235	9.634E-02	1.314E-15	2.189
U-236	7.795E-04	1.063E-17	0.018
U-238	4.013E-01	5.472E-15	9.120
Co-60	1.198E+01	1.634E-13	0.327

2. SERF-2 RCA

Reporting Period	07/01/97 to 12/31/97
Sample Collection Point	SERF-2 RCA Stack
Volume Released	2.077E+08 cu ft
Stack Flow Rate (typical)	7.380E+02 cfm
Activity Released	Gross Alpha 0.0000 uCi
	Gross Beta 0.9610 uCi

ISOTOPE	ACTIVITY uCi	ACTIVITY uCi / ml	% DAC
Co-60	9.610E-01	1.634E-13	0.327

3. SERF-3 RCA

Reporting Period	07/01/97 to 12/31/97
Sample Collection Point	SERF-3 RCA Stack
Volume Released	8.694E+08 cu ft
Stack Flow Rate (typical)	4.117E+03 cfm
Activity Released	Gross Alpha 0.0000 uCi
	Gross Beta 9.1630 uCi

ISOTOPE	ACTIVITY uCi	ACTIVITY uCi / ml	% DAC
Co-60	9.163E+00	3.722E-13	0.744

4. SERF-4 RCA

Reporting Period	07/01/97 to 12/31/97
Sample Collection Point	SERF-4 Stack
Volume Released	2.588E+09 cu ft
Stack Flow Rate (typical)	1.000E+04 cfm
Activity Released	Gross Alpha 0.0000 uCi
	Gross Beta 26.0818 uCi

ISOTOPE	ACTIVITY uCi	ACTIVITY uCi / ml	% DAC
Co-60	2.608E+01	3.559E-13	0.712

Notes:

Areas indicated with 0.0000 uCi of Gross Alpha Emissions were not sampled for alpha contamination.

MATOME COGEMA FUELS

Box 11646
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