

FRAMATOME COGEMA FUELS

February 11, 2000

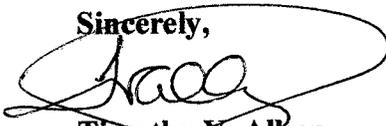
Director, Radiation Safety & Safeguards
Region II
United States Nuclear Regulatory Commission
Atlanta Federal Center
61 Forsyth Street Sw, Suite 23T85
Atlanta, GA 30303

Reference: SNM 1168, docket 70-1201

In accord with the provisions of 10 CFR 70.59, the Lynchburg Manufacturing Facility of Framatome Cogema Fuels submits the enclosed gaseous effluent report for the second semi-annual period of 1999.

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

Sincerely,



Timothy V. Allsep
Manager, 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 233218

Gaseous Effluent Report

1. PLR / SERF-1 RCA

Reporting Period: 07/01/99 to 12/31/99
 Sample Collection Point: Main Plant Stack
 Volume Released: 4.50E+09 cubic feet
 Stack Flow Rate (typical): 12000 cubic feet per minute
 Activity Released Gross Alpha: 2.194 uCi
 Gross Beta: 7.405 uCi

Isotope	Activity (uCi)	Concentration (uCi/ml)	% DAC
U-234	1.71E+00	1.34E-14	26.79
U-235	9.52E-02	7.47E-16	1.24
U-236	7.70E-04	6.04E-18	0.01
U-238	3.97E-01	3.11E-15	5.18
Co-60	7.405292	5.81E-14	0.12

2. SERF-2 RCA

Reporting Period: 07/01/99 to 12/31/99
 Sample Collection Point: SERF-2 RCA Stack
 Volume Released: 2.05E+08 cubic feet
 Stack Flow Rate (typical): 903 cubic feet per minute
 Activity Released Gross Alpha: 0.000 uCi
 Gross Beta: 1.644 uCi

Isotope	Activity (uCi)	Concentration (uCi/ml)	% DAC
Co-60	1.644	2.83E-13	0.57

3. SERF-3 RCA

Reporting Period: 07/01/99 to 12/31/99
 Sample Collection Point: SERF-3 RCA Stack
 Volume Released: 1.09E+09 cubic feet
 Stack Flow Rate (typical): 4234 cubic feet per minute
 Activity Released Gross Alpha: 0.000 uCi
 Gross Beta: 4.662 uCi

Isotope	Activity (uCi)	Concentration (uCi/ml)	% DAC
Co-60	4.662	1.52E-13	0.30

4. SERF-4 RCA

Reporting Period: 07/01/99 to 12/31/99
Sample Collection Point: SERF-4 RCA Stack
Volume Released: 2.42E+09 cubic feet
Stack Flow Rate (typical): 10000 cubic feet per minute
Activity Released Gross Alpha: 0.000 uCi
Gross Beta: 10.115 uCi

Isotope	Activity (uCi)	Concentration (uCi/ml)	% DAC
Co-60	10.115	1.48E-13	0.30