

FRAMATOME COGEMA FUELS

FCLB

*MMM
Sent @ PM docket
MTEL
- see my memo
- review
4/9/97*

70-1201

February 27, 1997

Director, Radiation Safety & Safeguards
Region II
United States Nuclear Regulatory Commission
Suite 2900
101 Marietta Street
Atlanta, GA 30323

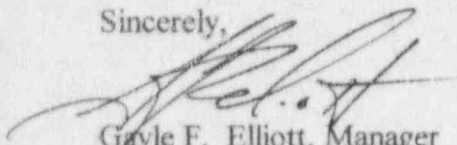
Reference: SNM-1168, Docket 70-1201

Gentlemen:

In accordance with the provisions of 10CFR70.59, Framatome Cogema Fuels submits the attached efficient monitoring report for the final six months of the year 1996 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

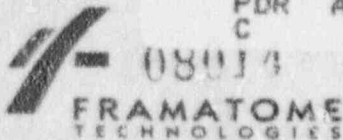
Enclosures

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

IE7 1/1

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

9704090043 961231
PDR ADOCK 07001201
C PDR



Framatome Cogema Fuels
P.O. Box 11646, Lynchburg, VA 24506-1646
Telephone: 804-832-5000 Fax: 804-832-5167



Semi-Annual Gaseous Effluent Report

Page 1 of 2

I. Main Stack (PLR/SERF-1 RCA)

- a. Reporting Period.....: 07/01/96 to 12/31/96
b. Location of Sample Collection...: CNFP Main Stack
c. Stack Flow Rate.....: 10250 CFM

Radioactivity Released

Gross Alpha: ~~4.916~~ ^{1.912 D16} μCi 2/28/97

Gross Beta : 9.968 μCi

Isotope	Quantity (μCi)	Concentration ($\mu\text{Ci}/\text{ml}$)	%DAC
²³⁴ U	1.490	1.93E-14	38.51
²³⁵ U	0.083	1.07E-15	1.79
²³⁸ U	0.346	4.47E-15	7.45
⁶⁰ Co	9.968	1.29E-13	0.25

?
DAC for effluent??

II. SERF-2 Radiologically Controlled Area

- a. Reporting Period.....: 07/01/96 to 12/31/96
b. Location of Sample Collection...: SERF-2 Main Stack
c. Stack Flow Rate.....: 937

Radioactivity Released

Gross Alpha: Not Applicable

Gross Beta : 0.698 μCi

Isotope	Quantity (μCi)	Concentration ($\mu\text{Ci}/\text{ml}$)	%DAC
⁶⁰ Co	0.698	1.62 E-13	0.20

III. SERF-3 Radiologically Controlled Area

- a. Reporting Period.....: 07/01/96 to 12/31/96
b. Location of Sample Collection...: SERF-3 Main Stack
c. Stack Flow Rate.....: 4145 CFM

Radioactivity Released

Gross Alpha: Not Applicable

Gross Beta : 8.462 μCi

Isotope	Quantity (μCi)	Concentration ($\mu\text{Ci}/\text{ml}$)	%DAC
⁶⁰ Co	8.462	2.80 E-13	0.56

IV. SERF-4 Radiologically Controlled Area

- a. Reporting Period.....: 07/01/96 to 12/31/96
- b. Location of Sample Collection...: SERF-4 Main Stack
- c. Stack Flow Rate.....: 10000 CFM

Radioactivity Released

Gross Alpha: Not Applicable

Gross Beta : 14.278 μ Ci

<u>Isotope</u>	<u>Quantity (μCi)</u>	<u>Concentration (μCi/ml)</u>	<u>%DAC</u>
⁶⁰ Co	14.278	1.93 E-13	0.39