

NORTH CAROLINA DEPARTMENT OF  
ENVIRONMENT AND NATURAL RESOURCES  
DIVISION OF AIR QUALITY

February 7, 2003



MICHAEL F. BASLEY  
GOVERNOR

WILLIAM G. ROSS JR.  
SECRETARY

KEITH OVERCASH, P.E.  
DIRECTOR

Mr. Herb Strickler  
Environment, Health, and Safety Manager  
Global Nuclear Fuel – Americas, LLC  
P.O. Box 780  
Wilmington, NC 28402

Subject: Annual Reporting Requirement  
Global Nuclear Fuel –  
Americas, LLC  
Wilmington, North Carolina  
New Hanover County

Dear Mr. Strickler:

The data reported in your annual report complies with the annual reporting requirement contained in **Specific Condition and Limitation No. 9 of Permit No. 1756R16**. The data contained in the report is for the calendar year 2002.

Calculations indicate Global Nuclear Fuel – Americas, LLC has complied with the incinerator charge rate allowed by Permit No. 1756R16.

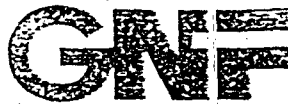
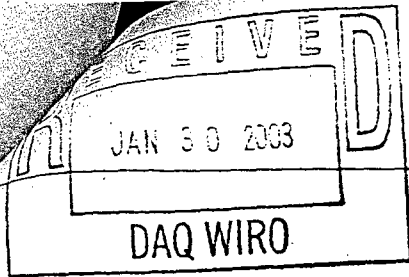
If you have any questions regarding this matter, please contact me at (910) 395-3900 Ext. 288.

Sincerely,

Scott Sanders  
Environmental Technician V

cc: WIRO  
CF

REC'D AIR RECORDS MGMT  
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**Global Nuclear Fuel**

A Joint Venture of GE, Toshiba, & Hitachi

Herb Strickler  
Environment, Health & Safety  
Global Nuclear Fuel - Americas, LLC  
Castle Hayne Road, Wilmington, NC 28401  
(910) 675-5721, Fax (910) 675-5879  
herb.strickler@gnf.com

January 22, 2003

Mr. Wayne Cook  
Regional Air Quality Supervisor  
North Carolina Department of Environment and Natural Resources  
Division of Air Quality  
127 Cardinal Drive Extension  
Wilmington, NC 28405-3845

Subject: Incinerator Report per Air Permit 1756R16 Specific Condition (A), item 9 (b)

Dear Mr. Cook,

Attached is the incinerator charge rate data demonstrating compliance with Air Permit 1756R16. To ensure toxic air pollutant emission limits specified in the permit are not exceeded, the charge rate in the incinerator must not exceed 1,200 pounds per hour of Type O waste and used oil. Under Specific Condition A, item 9 (b) "the previous year's log of waste charge rates into the incinerator, in units of pounds per hour" must be reported to the Regional Supervisor, Division of Air Quality within (30) thirty days after each calendar year. We believe this report meets the above stated requirement.

The enclosed spreadsheet is the log of incinerator waste charge rates for the 2002 calendar year. There was a total of 232,739 pounds of combustible waste boxes burned. The average charge rate for combustible waste boxes was 173 pounds per hour with a maximum of 361 pounds per hour, below the permit maximum of 1,200 pounds per hour. There was no oil consumption during the 2002 calendar year.

If you have any questions, feel free to contact me at (910) 675-5721 or Priti Mathur at (910) 675-5295.

Sincerely,

Herb Strickler, Manager  
Site Environment, Health, & Safety

Enclosure: 2002 Incinerator Waste Charge Report

cc: HRS-03-003

REC'D AIR RECORDS MGMT  
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2002 Incinerator Waste Charge Report

Box Charge Data

Annual Weight Statistics (lbs)		(lbs/hr)	
Total		232739	-
Maximum		2884	361
Minimum		425	53
Mean		1384	173
Median		1412	176

1st Quarter			
Date	Shift	Weight Charged (lbs)	Average Charge Rate (lbs/hr)
1/8/2002	GYD	-	-
	DAY	-	-
	EVE	1691	211.4
1/9/2002	GYD	2205	283.1
	DAY	2229	278.6
	EVE	1731	216.4
1/10/2002	GYD	1933	241.6
	DAY	1445	180.6
	EVE	1962	245.3
1/14/2002	GYD	-	-
	DAY	466	58.3
	EVE	1941	242.6
1/15/2002	GYD	2078	259.5
	DAY	518	64.8
	EVE	2737	342.1
1/16/2002	GYD	1175	148.9
	DAY	513	64.1
	EVE	2750	343.8
1/17/2002	GYD	583	72.9
	DAY	1223	152.9
	EVE	579	72.4
1/18/2002	GYD	1223	152.9
	DAY	-	-
	EVE	-	-
1/22/2002	GYD	-	-
	DAY	779	97.4
	EVE	2245	280.6
1/23/2002	GYD	2398	299.8
	DAY	2314	289.3
	EVE	2425	303.1
1/24/2002	GYD	877	109.6
	DAY	1165	145.6
	EVE	2551	318.9
1/25/2002	GYD	2612	326.5
	DAY	-	-
	EVE	-	-
1/28/2002	GYD	-	-
	DAY	2463	307.9
	EVE	2747	343.4
1/29/2002	GYD	2426	303.3
	DAY	2233	279.1
	EVE	1789	223.6
1/30/2002	GYD	2129	266.1
	DAY	-	-
	EVE	-	-
1/31/2002	GYD	-	-
	DAY	1855	235.6
	EVE	2230	279.0
2/1/2002	GYD	2600	325.0
	DAY	-	-
	EVE	-	-

2nd Quarter			
Date	Shift	Weight Charged (lbs)	Average Charge Rate (lbs/hr)
4/22/2002	GYD	-	-
	DAY	-	-
	EVE	911	113.9
4/24/2002	GYD	-	-
	DAY	-	-
	EVE	2404	310.5
4/25/2002	GYD	2471	308.9
	DAY	1522	190.3
	EVE	2503	312.9
2/26/2002	GYD	2334	291.8
	DAY	-	-
	EVE	-	-
4/29/2002	GYD	-	-
	DAY	436	54.5
	EVE	1397	174.6
4/30/2002	GYD	1763	220.4
	DAY	899	112.4
	EVE	2654	331.8
5/1/2002	GYD	2725	340.6
	DAY	1844	230.5
	EVE	2075	259.4
5/13/2002	GYD	1058	132.3
	DAY	-	-
	EVE	-	-
5/20/2002	GYD	1055	131.9
	DAY	510	63.8
	EVE	-	-
5/21/2002	GYD	-	-
	DAY	-	-
	EVE	1647	205.9
5/22/2002	GYD	2802	350.3
	DAY	1702	212.8
	EVE	1755	219.4
5/23/2002	GYD	2187	273.4
	DAY	1141	142.6
	EVE	1053	131.6
5/24/2002	GYD	1089	136.1
	DAY	-	-
	EVE	-	-
5/28/2002	GYD	-	-
	DAY	-	-
	EVE	1771	221.4
5/29/2002	GYD	2241	280.1
	DAY	-	-
	EVE	-	-
6/4/2002	GYD	-	-
	DAY	-	-
	EVE	524	65.5
6/5/2002	GYD	-	-
	DAY	-	-
	EVE	-	-

3rd Quarter			
Date	Shift	Weight Charged (lbs)	Average Charge Rate (lbs/hr)
9/15/2002	GYD	-	-
	DAY	900	112.5
	EVE	-	-
9/17/2002	GYD	1156	144.5
	DAY	-	-
	EVE	597	74.8
9/19/2002	GYD	627	78.4
	DAY	-	-
	EVE	-	-
9/24/2002	GYD	-	-
	DAY	1084	135.5
	EVE	1156	144.5
9/25/2002	GYD	-	-
	DAY	1095	136.9
	EVE	1151	143.9
9/28/2002	GYD	-	-
	DAY	1198	149.5
	EVE	-	-
9/29/2002	GYD	-	-
	DAY	-	-
	EVE	-	-
9/30/2002	GYD	-	-
	DAY	-	-
	EVE	-	-
10/1/2002	GYD	-	-
	DAY	-	-
	EVE	-	-
10/2/2002	GYD	-	-
	DAY	-	-
	EVE	-	-
10/3/2002	GYD	-	-
	DAY	-	-
	EVE	-	-
10/4/2002	GYD	-	-
	DAY	-	-
	EVE	-	-
10/16/2002	GYD	1237	154.6
	DAY	1095	136.9
	EVE	1127	140.9
10/17/2002	GYD	1019	127.4
	DAY	-	-
	EVE	1015	126.9
10/18/2002	GYD	1088	135.0
	DAY	-	-
	EVE	-	-
10/21/2002	GYD	-	-
	DAY	-	-
	EVE	502	62.8
10/22/2002	GYD	-	-
	DAY	981	122.6
	EVE	924	115.5
10/23/2002	GYD	1206	150.8
	DAY	-	-
	EVE	-	-
11/12/2002	GYD	-	-
	DAY	-	-
	EVE	473	59.1
11/13/2002	GYD	1092	135.5
	DAY	-	-
	EVE	973	121.6
11/14/2002	GYD	1037	129.5
	DAY	-	-
	EVE	1295	161.9
11/15/2002	GYD	1072	134.0
	DAY	-	-
	EVE	-	-
11/18/2002	GYD	-	-
	DAY	958	121.0
	EVE	1147	143.4
11/19/2002	GYD	1047	130.9
	DAY	1185	148.1
	EVE	1117	139.9
11/20/2002	GYD	997	124.6
	DAY	-	-
	EVE	-	-

4th Quarter			
Date	Shift	Weight Charged (lbs)	Average Charge Rate (lbs/hr)
10/1/2002	GYD	487	60.9
	DAY	1104	138.0
	EVE	1172	145.5
10/2/2002	GYD	1130	141.3
	DAY	1128	141.0
	EVE	1135	141.9
10/3/2002	GYD	1081	135.1
	DAY	-	-
	EVE	-	-
10/4/2002	GYD	717	89.6
	DAY	-	-
	EVE	-	-
10/16/2002	GYD	1237	154.6
	DAY	1095	136.9
	EVE	1127	140.9
10/17/2002	GYD	1019	127.4
	DAY	-	-
	EVE	1015	126.9
10/18/2002	GYD	1088	135.0
	DAY	-	-
	EVE	-	-
10/21/2002	GYD	-	-
	DAY	-	-
	EVE	502	62.8
10/22/2002	GYD	-	-
	DAY	981	122.6
	EVE	924	115.5
10/23/2002	GYD	1206	150.8
	DAY	-	-
	EVE	-	-
11/12/2002	GYD	-	-
	DAY	-	-
	EVE	473	59.1
11/13/2002	GYD	1092	135.5
	DAY	-	-
	EVE	973	121.6
11/14/2002	GYD	1037	129.5
	DAY	-	-
	EVE	1295	161.9
11/15/2002	GYD	1072	134.0
	DAY	-	-
	EVE	-	-
11/18/2002	GYD	-	-
	DAY	958	121.0
	EVE	1147	143.4
11/19/2002	GYD	1047	130.9
	DAY	1185	148.1
	EVE	1117	139.9
11/20/2002	GYD	997	124.6
	DAY	-	-
	EVE	-	-

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Box Charge Data

2/5/2002	DAY	1002	125.3		DAY	-	-		DAY	-	-	11/20/2002	DAY	1209	151.1
	EVE	406	61.0		EVE	-	-		EVE	-	-		EVE	1119	139.9
	GYD	-	-		GYD	-	-		GYD	-	-		GYD	1002	125.3
2/12/2002	DAY	-	-		DAY	-	-		DAY	-	-	11/21/2002	DAY	1091	135.4
	EVE	2444	305.5		EVE	-	-		EVE	-	-		EVE	1188	149.8
	GYD	2635	329.4		GYD	-	-		GYD	-	-		GYD	1203	150.4
2/13/2002	DAY	1508	198.5		DAY	-	-		DAY	-	-	11/22/2002	DAY	-	-
	EVE	2708	338.5		EVE	-	-		EVE	-	-		EVE	-	-
	GYD	2805	350.6		GYD	-	-		GYD	-	-		GYD	-	-
2/14/2002	DAY	2775	346.9		DAY	-	-		DAY	-	-	11/25/2002	DAY	1078	134.8
	EVE	2699	337.4		EVE	-	-		EVE	-	-		EVE	1242	155.3
	GYD	1095	136.9		GYD	-	-		GYD	-	-		GYD	1018	127.3
2/15/2002	DAY	-	-		DAY	-	-		DAY	-	-	11/26/2002	DAY	1048	131.0
	EVE	-	-		EVE	-	-		EVE	-	-		EVE	998	124.8
	GYD	-	-		GYD	-	-		GYD	-	-		GYD	496	62.9
2/18/2002	DAY	1651	206.4		DAY	-	-		DAY	-	-	11/27/2002	DAY	-	-
	EVE	2670	333.8		EVE	-	-		EVE	-	-		EVE	-	-
	GYD	2427	303.4		GYD	-	-		GYD	-	-		GYD	1211	151.4
2/19/2002	DAY	1524	190.5		DAY	-	-		DAY	-	-	12/4/2002	DAY	1026	128.3
	EVE	2565	320.8		EVE	-	-		EVE	-	-		EVE	1196	149.5
	GYD	1948	243.5		GYD	-	-		GYD	-	-		GYD	-	-
2/20/2002	DAY	-	-		DAY	-	-		DAY	-	-		DAY	-	-
	EVE	2884	360.5		EVE	-	-		EVE	-	-		EVE	-	-
	GYD	1089	136.1		GYD	-	-		GYD	-	-		GYD	-	-
2/21/2002	DAY	-	-		DAY	-	-		DAY	-	-		DAY	-	-
	EVE	-	-		EVE	-	-		EVE	-	-		EVE	-	-
	GYD	-	-		GYD	-	-		GYD	-	-		GYD	-	-
3/13/2002	DAY	482	60.3		DAY	-	-		DAY	-	-		DAY	-	-
	EVE	2251	281.4		EVE	-	-		EVE	-	-		EVE	-	-
	GYD	2648	331.0		GYD	-	-		GYD	-	-		GYD	-	-
3/14/2002	DAY	2499	311.1		DAY	-	-		DAY	-	-		DAY	-	-
	EVE	2447	305.9		EVE	-	-		EVE	-	-		EVE	-	-
	GYD	2347	293.4		GYD	-	-		GYD	-	-		GYD	-	-
3/15/2002	DAY	-	-		DAY	-	-		DAY	-	-		DAY	-	-
	EVE	-	-		EVE	-	-		EVE	-	-		EVE	-	-
	GYD	-	-		GYD	-	-		GYD	-	-		GYD	-	-
3/18/2002	DAY	-	-		DAY	-	-		DAY	-	-		DAY	-	-
	EVE	1002	125.3		EVE	-	-		EVE	-	-		EVE	-	-
	GYD	-	-		GYD	-	-		GYD	-	-		GYD	-	-
3/26/2002	DAY	425	53.1		DAY	-	-		DAY	-	-		DAY	-	-
	EVE	2607	325.9		EVE	-	-		EVE	-	-		EVE	-	-
	GYD	1034	129.3		GYD	-	-		GYD	-	-		GYD	-	-
3/27/2002	DAY	952	119.0		DAY	-	-		DAY	-	-		DAY	-	-
	EVE	2522	315.3		EVE	-	-		EVE	-	-		EVE	-	-
	GYD	2567	320.9		GYD	-	-		GYD	-	-		GYD	-	-
3/28/2002	DAY	1073	134.1		DAY	-	-		DAY	-	-		DAY	-	-
	EVE	1187	145.9		EVE	-	-		EVE	-	-		EVE	-	-
	GYD	627	78.4		GYD	-	-		GYD	-	-		GYD	-	-
3/29/2002	DAY	-	-		DAY	-	-		DAY	-	-		DAY	-	-
	EVE	-	-		EVE	-	-		EVE	-	-		EVE	-	-
	GYD	-	-		GYD	-	-		GYD	-	-		GYD	-	-

1st Qtr - Statistics

	(lb)	(lb/hr)
Total	130553	-
Maximum	2084	361
Minimum	425	53
Mean	1839	230
Median	2076	260

2nd Qtr - Statistics

	(lb)	(lb/hr)
Total	46553	-
Maximum	2802	350
Minimum	436	55
Mean	1663	208
Median	1729	216

3rd Qtr - Statistics

	(lb)	(lb/hr)
Total	8962	-
Maximum	1196	150
Minimum	597	75
Mean	996	124
Median	1095	137

4th Qtr - Statistics

	(lb)	(lb/hr)
Total	46571	-
Maximum	1295	152
Minimum	473	59
Mean	1037	139
Median	1088	136

REC'D AIR RECORDS MGMT  
OCT - 1 - 02

Oil Charge Data

**NOTE: NO OIL BURNED DURING 2002**

Date	Shift	Inches	Gallons	Weight Charged (lbs)	Average Charge Rate (lbs/hr)
	GYD				
	DAY				
	EVE				
	GYD				
	DAY				
	EVE				
	GYD				
	DAY				
	EVE				
	GYD				
	DAY				
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	GYD				
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	EVE				
	GYD				
	DAY				
	EVE				
	GYD				
	DAY				
	EVE				
	GYD				
	DAY				
	EVE				

**Weight Statistics (lbs)**

Total					
Maximum					
Minimum					
Mean					
Median					