

Jeffrey T. Gasser
Vice President

**Southern Nuclear
Operating Company, Inc.**
40 Inverness Center Parkway
Post Office Box 1295
Birmingham, Alabama 35201
Tel 205 992 7721
Fax 205 992 0403



Energy to Serve Your World™

NL-03-0132

January 10, 2003

Docket Nos: 50-424
50-425

U. S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, D. C. 20555-0001

Vogtle Electric Generating Plant
Monthly Operating Report – December 2002

Ladies and Gentlemen:

Enclosed are the December 2002 monthly operating reports for Vogtle Electric Generating Plant (VEGP) Units 1 and 2. These reports are submitted in accordance with Technical Specification 5.6.4.

Sincerely,

Jeffrey T. Gasser

JTG/NJS

Enclosures

- E1 – VEGP Unit 1 Monthly Operating Report – December 2002
- E2 – VEGP Unit 2 Monthly Operating Report – December 2002

cc: Southern Nuclear Operating Company
Mr. J. D. Woodard, Executive Vice President
Mr. G. R. Frederick, General Manager – Plant Vogtle
Mr. M. Sheibani, Engineering Supervisor – Plant Vogtle
Document Services – RTYPE: CVC7000

U. S. Nuclear Regulatory Commission
Mr. L. A. Reyes, Regional Administrator
Mr. F. Rinaldi, NRR Project Manager – Vogtle
Mr. J. Zeiler, Senior Resident Inspector – Vogtle

IE24

OPERATING DATA REPORT

Docket No : 50-424
 Unit Name VEGP UNIT 1
 Date January 1, 2003
 Completed By Andrew R Cato III
 Telephone: (706) 826-3823

Operating Status

	<u>December 2002</u>		
	<u>This Month</u>	<u>Year-To-Date</u>	<u>Cumulative</u>
1 Reporting Period			
2 Design Electrical Rating (Net MWe)	<u>1169</u>		
3 Maximum Dependable Capacity (Net MWe):	<u>1148</u>		
4 Number Of Hours Reactor Was Critical	<u>739 6</u>	<u>7563.1</u>	<u>122,172 6</u>
5 Hours Generator On Line	<u>710 3</u>	<u>7470 7</u>	<u>120,623 3</u>
6 Unit Reserve Shutdown Hours	<u>0 0</u>	<u>0 0</u>	<u>0 0</u>
7 Net Electrical Energy Generated (MWh)	<u>781,055</u>	<u>8,638,758</u>	<u>135,084,824</u>

CHALLENGES TO PRESSURIZER PORV AND PRESSURIZER SAFETY VALVES

Date (YYMMDD)	Tag No.	Event Description
N/A	N/A	N/A

UNIT SHUTDOWNS

Docket No : 50-424
 Unit Name VEGP UNIT 1
 Date January 1, 2003
 Completed By: Andrew R Cato III
 Telephone (706) 826-3823

Reporting Period: December 2002

No	Date (YYMMDD)	Type F: Forced S: Scheduled	Duration (Hours)	Reason (1)	Method of Shutting Down (2)	Cause/Corrective Actions Comments
2002-04	02/11/24	F	25.73	F	4	See Below
2002-05	02/12/02	F	7.97	F	5	See Below

(1) REASON

- A - Equipment Failure (Explain)
- B - Maintenance or Test
- C - Refueling
- D - Regulatory Restriction
- E - Operator Training/License Examination
- F - Administrative
- G - Operational Error (Explain)
- H - Other (Explain)

(2) METHOD

- 1. Manual
- 2. Manual Trip/Scram
- 3. Automatic Trip/Scram
- 4 Continuation
- 5 Other

CAUSE/CORRECTIVE ACTION/COMMENTS:

EVENT 2002-04
CAUSE Forced shutdown of the reactor after incorrect chemicals added to the feedwater system
CORRECTIVE ACTION Remove the chemicals through flushing the system
CRITICAL PATH WAS: Remove the chemicals through flushing the system and complete prerequisites for mode changes

EVENT 2002-05
CAUSE Turbine Tripped off line due to high vibration in bearing #8
CORRECTIVE ACTION Place Turbine on turning gear for 4 hours and reset Turbine for restart
CRITICAL PATH WAS Place Turbine on turning gear for 4 hours and reset Turbine for restart

NARRATIVE REPORT

December 01 00 00 Unit 1 in mode 3 preparing for return to power operation
 December 01 02.15 Unit 1 entered mode 2
 December 01 04 27 Unit 1 reactor is critical
 December 01 14 28 Unit 1 entered mode 1.
 December 02 01:44 Unit 1 main generator is synchronized to the grid
 December 02 02 29 Unit 1 main generator is manually tripped off line due to high vibration on bearing #8.
 December 02 10 27 Unit 1 main generator is synchronized to the grid
 December 05 11.00 Unit 1 returned to 100% power
 December 10 16 00 Unit 1 derated to approximately 90% power for Heater Drain Pump cooling line repair
 December 11 03 00 Unit 1 returned to 100% power following the repair work.
 December 31 23 59 Unit 1 at 100% power with no significant operating problems

OPERATING DATA REPORT

Docket No: 50-425
 Unit Name: VEGP UNIT 2
 Date: January 1, 2003
 Completed By: Andrew R. Cato III
 Telephone: (706) 826-3823

Operating Status

	<u>December 2002</u>		
	<u>1169</u>	<u>This Month</u>	<u>Year-To-Date</u>
1 Reporting Period	<u>1149</u>		<u>Cumulative</u>
2 Design Electrical Rating (Net MWe)		<u>476.6</u>	<u>7,389.9</u>
3 Maximum Dependable Capacity (Net MWe):		<u>457.1</u>	<u>7,328.2</u>
		<u>0.0</u>	<u>0.0</u>
4 Number Of Hours Reactor Was Critical		<u>453,081</u>	<u>8,418,900</u>
5 Hours Generator On Line			<u>108,443.8</u>
6 Unit Reserve Shutdown Hours			<u>107,568.9</u>
7 Net Electrical Energy Generated (MWh)			<u>0.0</u>
			<u>121,211,366</u>

CHALLENGES TO PRESSURIZER PORV AND PRESSURIZER SAFETY VALVES

Date (YYMMDD)	Tag No	Event Description
N/A	N/A	N/A

UNIT SHUTDOWNS

Docket No : 50-425
 Unit Name: VEGP UNIT 2
 Date: January 1, 2003
 Completed By: Andrew R Cato III
 Telephone: (706) 826-3823

Reporting Period: December 2002

No.	Date (YYMMDD)	Type F. Forced S: Scheduled	Duration (Hours)	Reason (1)	Method of Shutting Down (2)	Cause/Corrective Actions Comments
2002-03	02/11/24	F	286.9	F	4	See Below

(1) REASON

A - Equipment Failure (Explain) E - Operator Training/License Examination
 B - Maintenance or Test F - Administrative
 C - Refueling G - Operational Error (Explain)
 D - Regulatory Restriction H - Other (Explain)

(2) METHOD.

1. Manual 4. Continuation
 2. Manual Trip/Scram 5. Other
 3. Automatic Trip/Scram

CAUSE/CORRECTIVE ACTION/COMMENTS:

EVENT 2002-03
CAUSE: Forced shutdown of the reactor after incorrect chemicals were added to the feedwater system
CORRECTIVE ACTION Remove the chemicals through flushing the system.
CRITICAL PATH WAS Remove the chemicals through flushing the system and complete prerequisites for mode changes

NARRATIVE REPORT

December 01 00 00 Unit 2 in mode 3 preparing for return to power operation
 December 12 02.22 Unit 2 entered mode 2
 December 12 03 25 Unit 2 Reactor is critical
 December 12 14 52 Unit 2 entered mode 1.
 December 12 22 53 Unit 2 main generator synchronized to the grid
 December 17 22 00 Unit 2 returned to 100% power.
 December 31 23 59 Unit 2 at 100% power with no significant operating problems