



**Indian River Plant, Titusville, FL**  
7800 South US Highway 1  
321-267-2155 Main  
321-383-4685 Fax

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July 18, 2008

Mr. Jim Bradner, P.E.  
Program Administrator  
Air Resources Management  
Florida Department of  
Environmental Protection  
3319 Maguire Blvd., Suite 232  
Orlando, FL 32803

RE: Reliant Energy Indian River  
Permit No. 0090196-005-AV  
Facility ID No. 0090196  
E.U. ID Numbers 001, 002, and 003

Dear Mr. Bradner:

Attached are the Second Quarter 2008 Excess Emission Reports, Fuel Report, and Used Oil Report for Reliant Energy Indian River.

If you have any questions, please contact Amy Deese at (321) 264-4589.

Sincerely,

A handwritten signature in black ink that reads "Dennis Shaulis". The signature is written in a cursive, flowing style.

Dennis Shaulis  
General Manager, SE Operations

Attachments

# **Reliant Energy Indian River**

**Permit No. 0090196-001-AV**

**Facility ID No. 0090196**

## **Used Oil Tracking - E.U. ID No. 002**

**Limits:** <1.5 MGY or <10% of #6 oil heat input limit

**On-site burning of used oil has been discontinued at this time.**

**All used oil generated during the current quarter was recycled off-site by Safety Kleen. Records are maintained on site and are available for inspection.**

**If used oil is burned on site in the future, the recordkeeping required by the Title V permit will be maintained and submitted in the applicable quarterly report.**

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## **Reliant Energy Indian River**

**Permit No. 0090196-005-AV**

**Facility ID No. 0090196**

### **Quarterly Fuel Report - E.U. ID Numbers 001, 002, and 003 2<sup>nd</sup> Quarter 2008**

**Fuel Types Burned:** No. 6 Oil  
Natural Gas  
No. 2 Oil

**No. 6 Oil Sulfur Content<sup>(1)</sup>: 1.19%**

**No. 2 Oil Sulfur Content<sup>(2)</sup>: 0.04%**

(1) Average sulfur content calculated from daily as-fired analyses required by Permit Condition A.16.

(2) Sulfur content obtained from vendor specification.

# CONTINUOUS EMISSION MONITOR QUARTERLY REPORT SUMMARY

FROM 4 / 1 / 2008

TO 6 / 30 / 2008

SOURCE NAME: INDIAN RIVER PLANT  
 EMISSION POINT: UNIT 3 STACK

COMPANY: RELIANT ENERGY INDIAN RIVER, LLC  
 ADDRESS: 7800 SOUTH US HIGHWAY 1  
TITUSVILLE, FL 32780

POLLUTANT: Opacity  
 TIME PERIOD (Check One):

EMISSION LIMITATION: 40% SS ; 60% SB ; 24min 100%  
 6 MINUTES  - 15 MINUTES  - 30 MINUTES   
 1 Hour  - 2 Hour  - 3 Hour   
 12 Hour  - 24 Hour  - 30 Day   
 FUEL ANALYSIS

TOTAL SOURCE OPERATION TIME: 208.5 Hours  
 DATE OF LATEST CERTIFICATION OR AUDIT: October, 2003  
 MONITOR MANUFACTURER & MODEL NO. : Durag D-R290

**REASON FOR EXCESS EMISSIONS**

**DURATION**

STARTUP / SHUTDOWN / LOAD CHANGE	<u>0.00</u>	Hours
CLEANING / SOOTBLOWING	<u>0.00</u>	Hours
PROCESS MALFUNCTION	<u>0.00</u>	Hours
CONTROL EQUIPMENT FAILURE	<u>0.00</u>	Hours
UNKNOWN CAUSE	<u>0.00</u>	Hours
FUEL PROBLEMS	<u>0.00</u>	Hours
OTHER KNOWN EXCESS EMISSIONS (Maintenance)	<u>0.00</u>	Hours
ASSUME NO EXCESS EMISSIONS DURING MISSING DATA PERIODS		
TOTAL DURATION OF EXCESS EMISSIONS	<u>0.00</u>	Hours
PERCENT OF TIME OF EXCESS EMISSIONS	<u>0.00</u>	%

**REASON FOR MONITOR DOWNTIME**

**DURATION**

MONITOR EQUIPMENT MALFUNCTION	<u>0.00</u>	Hours
NON-MONITOR EQUIPMENT MALFUNCTION	<u>0.00</u>	Hours
QUALITY ASSURANCE	<u>0.00</u>	Hours
UNKNOWN CAUSE (MISSING DATA)	<u>0.00</u>	Hours
OTHER KNOWN MONITOR DOWNTIME (MAINTENANCE)	<u>0.00</u>	Hours
TOTAL CEMS DOWNTIME	<u>0.00</u>	Hours
PERCENT OF MONITOR DOWNTIME	<u>0.00</u>	%

I CERTIFY THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN, AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, BELIEVE THE INFORMATION IS ACCURATE.

<u>Dennis Shaulis</u>		General Manager, Southeast Operations	<u>7/18/2008</u>
NAME	SIGNATURE	TITLE	DATE

1. MONTHS AND YEAR TO WHICH THIS DATA APPLIES \_\_\_\_\_
2. CDS NUMBER OF SOURCE \_\_\_\_\_
3. DATE RECEIVED BY AGENCY \_\_\_\_\_
4. DATE DUE \_\_\_\_\_
5. ADDITIONAL COMMENTS / PROPOSED AGENCY ACTION \_\_\_\_\_

**Kuberski, Garry**

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**From:** Deese, Amy Helen [ADeese@reliant.com]  
**Sent:** Monday, April 14, 2008 11:36 AM  
**To:** Kuberski, Garry  
**Cc:** Shaulis, Dennis D; Duncan, Michelle F.; Furstenwerth, Derek  
**Subject:** Reliant Energy Indian River (0010196)  
**Attachments:** Q1ir08.xls; FuelReport081.doc; UsedOil081.doc

**Categories:** Red Category

Hi Garry,

Attached are the Reliant Energy Indian River quarterly reports for 1st quarter 2008.

Thanks,  
Amy

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April 14, 2008

Mr. Jim Bradner, P.E.  
Program Administrator  
Air Resources Management  
Florida Department of  
Environmental Protection  
3319 Maguire Blvd., Suite 232  
Orlando, FL 32803

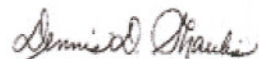
RE: Reliant Energy Indian River  
Permit No. 0090196-005-AV  
Facility ID No. 0090196  
E.U. ID Numbers 001, 002, and 003

Dear Mr. Bradner:

Attached are the First Quarter 2008 Excess Emission Reports, Fuel Report, and Used Oil Report for Reliant Energy Indian River.

If you have any questions, please contact Amy Deese at (321) 264-4589.

Sincerely,



Dennis Shaulis  
General Manager, SE Operations

## **Reliant Energy Indian River**

**Permit No. 0090196-001-AV**

**Facility ID No. 0090196**

### **Used Oil Tracking - E.U. ID No. 002**

**Limits:** <1.5 MGY or <10% of #6 oil heat input limit

**On-site burning of used oil has been discontinued at this time.**

**All used oil generated during the current quarter was recycled off-site by Safety Kleen. Records are maintained on site and are available for inspection.**

**If used oil is burned on site in the future, the recordkeeping required by the Title V permit will be maintained and submitted in the applicable quarterly report.**

## **Reliant Energy Indian River**

**Permit No. 0090196-005-AV**

**Facility ID No. 0090196**

### **Quarterly Fuel Report - E.U. ID Numbers 001, 002, and 003 1<sup>st</sup> Quarter 2008**

**Fuel Types Burned:** No. 6 Oil  
Natural Gas  
No. 2 Oil

**No. 6 Oil Sulfur Content<sup>(1)</sup>: 1.21%**

**No. 2 Oil Sulfur Content<sup>(2)</sup>: 0.04%**

(1) Average sulfur content calculated from daily as-fired analyses required by Permit Condition A.16.

(2) Sulfur content obtained from vendor specification.

## CONTINUOUS EMISSION MONITOR QUARTERLY REPORT SUMMARY

FROM 1 / 1 / 2008

TO 3 / 31 / 2008

SOURCE NAME: INDIAN RIVER PLANT  
EMISSION POINT: UNIT 3 STACK

COMPANY: RELIANT ENERGY INDIAN RIVER, LLC  
ADDRESS: 7800 SOUTH US HIGHWAY 1  
TITUSVILLE, FL 32780

POLLUTANT: Opacity  
TIME PERIOD (Check One):

EMISSION LIMITATION: 40% SS ; 60% SB ; 24min 100%  
 6 MINUTES  - 15 MINUTES  - 30 MINUTES   
 1 Hour  - 2 Hour  - 3 Hour   
 12 Hour  - 24 Hour  - 30 Day   
 FUEL ANALYSIS

TOTAL SOURCE OPERATION TIME: 78.9 Hours  
 DATE OF LATEST CERTIFICATION OR AUDIT: October, 2003  
 MONITOR MANUFACTURER & MODEL NO. : Durag D-R290

REASON FOR EXCESS EMISSIONS	DURATION
STARTUP / SHUTDOWN / LOAD CHANGE	<u>0.20</u> Hours
CLEANING / SOOTBLOWING	<u>0.20</u> Hours
PROCESS MALFUNCTION	<u>0.00</u> Hours
CONTROL EQUIPMENT FAILURE	<u>0.00</u> Hours
UNKNOWN CAUSE	<u>0.00</u> Hours
FUEL PROBLEMS	<u>0.00</u> Hours
OTHER KNOWN EXCESS EMISSIONS (Maintenance)	<u>0.00</u> Hours
<b>ASSUME NO EXCESS EMISSIONS DURING MISSING DATA PERIODS</b>	
TOTAL DURATION OF EXCESS EMISSIONS	<u>0.40</u> Hours
PERCENT OF TIME OF EXCESS EMISSIONS	<u>0.51</u> %

REASON FOR MONITOR DOWNTIME	DURATION
MONITOR EQUIPMENT MALFUNCTION	<u>0.00</u> Hours
NON-MONITOR EQUIPMENT MALFUNCTION	<u>0.00</u> Hours
QUALITY ASSURANCE	<u>0.00</u> Hours
UNKNOWN CAUSE (MISSING DATA)	<u>0.00</u> Hours
OTHER KNOWN MONITOR DOWNTIME (MAINTENANCE)	<u>0.00</u> Hours
TOTAL CEMS DOWNTIME	<u>0.00</u> Hours
PERCENT OF MONITOR DOWNTIME	<u>0.00</u> %

I CERTIFY THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN, AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, BELIEVE THE INFORMATION IS ACCURATE.

Dennis Shaulis	<i>Dennis D. Shaulis</i>	General Manager, Southeast Operations	4/14/2008
NAME	SIGNATURE	TITLE	DATE

1. MONTHS AND YEAR TO WHICH THIS DATA APPLIES \_\_\_\_\_
2. CDS NUMBER OF SOURCE \_\_\_\_\_
3. DATE RECEIVED BY AGENCY \_\_\_\_\_
4. DATE DUE \_\_\_\_\_
5. ADDITIONAL COMMENTS / PROPOSED AGENCY ACTION \_\_\_\_\_





X-copy  
Indian River Plant, Titusville, FL  
7800 South US Highway 1  
321-267-2155 Main  
321-383-4685 Fax

January 7, 2008

Mr. Jim Bradner, P.E.  
Program Administrator  
Air Resources Management  
Florida Department of  
Environmental Protection  
3319 Maguire Blvd., Suite 232  
Orlando, FL 32803

RE: Reliant Energy Indian River  
Permit No. 0090196-005-AV  
Facility ID No. 0090196  
E.U. ID Numbers 001, 002, and 003

Dear Mr. Bradner:

Attached are the Fourth Quarter 2007 Excess Emission Reports, Fuel Report, and Used Oil Report for Reliant Energy Indian River.

If you have any questions, please contact Amy Deese at (321) 264-4589.

Sincerely,

A handwritten signature in black ink that reads "Dennis Shaulis". The signature is written in a cursive, flowing style.

Dennis Shaulis  
General Manager, SE Operations

Attachments

## **Reliant Energy Indian River**

**Permit No. 0090196-005-AV**

**Facility ID No. 0090196**

### **Quarterly Fuel Report - E.U. ID Numbers 001, 002, and 003 4<sup>th</sup> Quarter 2007**

**Fuel Types Burned:** No. 6 Oil  
Natural Gas  
No. 2 Oil

**No. 6 Oil Sulfur Content<sup>(1)</sup>: 1.30%**

**No. 2 Oil Sulfur Content<sup>(2)</sup>: 0.04%**

(1) Average sulfur content calculated from daily as-fired analyses required by Permit Condition A.16.

(2) Sulfur content obtained from vendor specification.

# **Reliant Energy Indian River**

**Permit No. 0090196-001-AV**

**Facility ID No. 0090196**

## **Used Oil Tracking - E.U. ID No. 002**

**Limits: <1.5 MGY or <10% of #6 oil heat input limit**

**On-site burning of used oil has been discontinued at this time.**

**All used oil generated is recycled off-site by Safety Kleen. Records are maintained on site and are available for inspection.**

**If used oil is burned on site in the future, the recordkeeping required by the Title V permit will be maintained and submitted in the applicable quarterly report.**

# CONTINUOUS EMISSION MONITOR QUARTERLY REPORT SUMMARY

FROM 7 / 1 / 2007

TO 9 / 30 / 2007

SOURCE NAME: INDIAN RIVER PLANT  
EMISSION POINT: UNIT 1 & 2 STACK

COMPANY: RELIANT ENERGY INDIAN RIVER, LLC  
ADDRESS: 7800 SOUTH US HIGHWAY 1  
TITUSVILLE, FL 32780

POLLUTANT: Opacity  
TIME PERIOD (Check One):

EMISSION LIMITATION: 40% SS ; 60% SB ; 24min 100%  
 6 MINUTES  - 15 MINUTES  - 30 MINUTES   
 1 Hour  - 2 Hour  - 3 Hour   
 12 Hour  - 24 Hour  - 30 Day   
 FUEL ANALYSIS

TOTAL SOURCE OPERATION TIME: 706.8 Hours (Total Service Hours for Unit 1 & Unit 2)  
 DATE OF LATEST CERTIFICATION OR AUDIT: October, 2003  
 MONITOR MANUFACTURER & MODEL NO. : Durag D-R290

REASON FOR EXCESS EMISSIONS	DURATION
STARTUP / SHUTDOWN / LOAD CHANGE	<u>0.20</u> Hours
CLEANING / SOOTBLOWING	<u>0.10</u> Hours
PROCESS MALFUNCTION	<u>0.00</u> Hours
CONTROL EQUIPMENT FAILURE	<u>0.00</u> Hours
UNKNOWN CAUSE	<u>0.00</u> Hours
FUEL PROBLEMS	<u>0.00</u> Hours
OTHER KNOWN EXCESS EMISSIONS (Offline / Maintenance)	<u>0.00</u> Hours
<b>ASSUME NO EXCESS EMISSIONS DURING MISSING DATA PERIODS</b>	
TOTAL DURATION OF EXCESS EMISSIONS	<u>0.30</u> Hours
PERCENT OF TIME OF EXCESS EMISSIONS	<u>0.04</u> %

REASON FOR MONITOR DOWNTIME	DURATION
MONITOR EQUIPMENT MALFUNCTION	<u>0.00</u> Hours
NON-MONITOR EQUIPMENT MALFUNCTION	<u>0.00</u> Hours
QUALITY ASSURANCE	<u>0.00</u> Hours
UNKNOWN CAUSE (MISSING DATA)	<u>0.00</u> Hours
OTHER KNOWN MONITOR DOWNTIME (MAINTENANCE)	<u>0.00</u> Hours
TOTAL CEMS DOWNTIME	<u>0.00</u> Hours
PERCENT OF MONITOR DOWNTIME	<u>0.00</u> %

I CERTIFY THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN, AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, BELIEVE THE INFORMATION IS ACCURATE.

<u>Dennis Shaulis</u>		<u>General Manager, Southeast Operations</u>	<u>10/23/2007</u>
NAME	SIGNATURE	TITLE	DATE

1. MONTHS AND YEAR TO WHICH THIS DATA APPLIES \_\_\_\_\_
2. CDS NUMBER OF SOURCE \_\_\_\_\_
3. DATE RECEIVED BY AGENCY \_\_\_\_\_
4. DATE DUE \_\_\_\_\_
5. ADDITIONAL COMMENTS / PROPOSED AGENCY ACTION \_\_\_\_\_



**Indian River Plant, Titusville, FL**  
7800 South US Highway 1  
321-267-2155 Main  
321-383-4685 Fax

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October 23, 2007

Mr. Jim Bradner, P.E.  
Program Administrator  
Air Resources Management  
Florida Department of  
Environmental Protection  
3319 Maguire Blvd., Suite 232  
Orlando, FL 32803

RE: Reliant Energy Indian River  
Permit No. 0090196-005-AV  
Facility ID No. 0090196  
E.U. ID Numbers 001, 002, and 003

Dear Mr. Bradner:

Attached are the Third Quarter 2007 Excess Emission Reports, Fuel Report, and Used Oil Report for Reliant Energy Indian River.

If you have any questions, please contact Amy Deese at (321) 264-4589.

Sincerely,

A handwritten signature in cursive script that reads "Dennis Shaulis".

Dennis Shaulis  
General Manager, SE Operations

Attachments

IRP

# **Reliant Energy Indian River**

**Permit No. 0090196-005-AV**

**Facility ID No. 0090196**

## **Quarterly Fuel Report - E.U. ID Numbers 001, 002, and 003 3<sup>rd</sup> Quarter 2007**

**Fuel Types Burned:** No. 6 Oil  
Natural Gas  
No. 2 Oil

**No. 6 Oil Sulfur Content<sup>(1)</sup>: 1.30%**

**No. 2 Oil Sulfur Content<sup>(2)</sup>: 0.04%**

(1) Average sulfur content calculated from daily as-fired analyses required by Permit Condition A.16.

(2) Sulfur content obtained from vendor specification.

# **Reliant Energy Indian River**

**Permit No. 0090196-001-AV**

**Facility ID No. 0090196**

## **Used Oil Tracking - E.U. ID No. 002**

**Limits:** <1.5 MGY or <10% of #6 oil heat input limit

**On-site burning of used oil has been discontinued at this time.**

**All used oil generated during the current quarter (365 gal) was recycled off-site by Safety Kleen. Records are maintained on site and are available for inspection.**

**If used oil is burned on site in the future, the recordkeeping required by the Title V permit will be maintained and submitted in the applicable quarterly report.**

# CONTINUOUS EMISSION MONITOR QUARTERLY REPORT SUMMARY

FROM 7 / 1 / 2007

TO 9 / 30 / 2007

SOURCE NAME: INDIAN RIVER PLANT  
 EMISSION POINT: UNIT 1 & 2 STACK

COMPANY: RELIANT ENERGY INDIAN RIVER, LLC  
 ADDRESS: 7800 SOUTH US HIGHWAY 1  
TITUSVILLE, FL 32780

POLLUTANT: Opacity  
 TIME PERIOD (Check One):

EMISSION LIMITATION: 40% SS ; 60% SB ; 24min 100%  
 6 MINUTES  - 15 MINUTES  - 30 MINUTES   
 1 Hour  - 2 Hour  - 3 Hour   
 12 Hour  - 24 Hour  - 30 Day   
 FUEL ANALYSIS

TOTAL SOURCE OPERATION TIME: 706.8 Hours (Total Service Hours for Unit 1 & Unit 2)  
 DATE OF LATEST CERTIFICATION OR AUDIT: October, 2003  
 MONITOR MANUFACTURER & MODEL NO. : Durag D-R290

### REASON FOR EXCESS EMISSIONS

### DURATION

STARTUP / SHUTDOWN / LOAD CHANGE	<u>0.20</u>	Hours
CLEANING / SOOTBLOWING	<u>0.10</u>	Hours
PROCESS MALFUNCTION	<u>0.00</u>	Hours
CONTROL EQUIPMENT FAILURE	<u>0.00</u>	Hours
UNKNOWN CAUSE	<u>0.00</u>	Hours
FUEL PROBLEMS	<u>0.00</u>	Hours
OTHER KNOWN EXCESS EMISSIONS (Offline / Maintenance)	<u>0.00</u>	Hours

### ASSUME NO EXCESS EMISSIONS DURING MISSING DATA PERIODS

TOTAL DURATION OF EXCESS EMISSIONS 0.30 Hours  
 PERCENT OF TIME OF EXCESS EMISSIONS 0.04 %

### REASON FOR MONITOR DOWNTIME

### DURATION

MONITOR EQUIPMENT MALFUNCTION	<u>0.00</u>	Hours
NON-MONITOR EQUIPMENT MALFUNCTION	<u>0.00</u>	Hours
QUALITY ASSURANCE	<u>0.00</u>	Hours
UNKNOWN CAUSE (MISSING DATA)	<u>0.00</u>	Hours
OTHER KNOWN MONITOR DOWNTIME (MAINTENANCE)	<u>0.00</u>	Hours

TOTAL CEMS DOWNTIME 0.00 Hours  
 PERCENT OF MONITOR DOWNTIME 0.00 %

I CERTIFY THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN, AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, BELIEVE THE INFORMATION IS ACCURATE.

Dennis Shaulis

*Dennis Shaulis*

General Manager,  
Southeast Operations

10/23/2007

NAME

SIGNATURE

TITLE

DATE

1. MONTHS AND YEAR TO WHICH THIS DATA APPLIES \_\_\_\_\_
2. CDS NUMBER OF SOURCE \_\_\_\_\_
3. DATE RECEIVED BY AGENCY \_\_\_\_\_
4. DATE DUE \_\_\_\_\_
5. ADDITIONAL COMMENTS / PROPOSED AGENCY ACTION \_\_\_\_\_