

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY  
INCIDENT REPORT

Incident ID: 136319

**Incident Description**

**Incident Type:** Release/Spill, Facility Air Release  
**Incident Date:** 1/5/2012 16:00:00  
**Parish:** Calcasieu  
**Municipality:** Sulphur  
**Location:** 4401 Hwy 108 South, Calcasieu River MM 29  
**Lat/Lon:**  
**Basin/Segment:**  
**Substance(s):** H2S, SO2 - no RQs exceeded  
**Media Impacted:** Air  
**Incident Desc:** s12-0049 due to power loss facility is flaring from multiple units at this time CML

**Incident Status**

**Lead Investigator:** Gerald Quarles *GQ*  
**Incident Region:** Southwest  
**Incident Status:** Closed  
**Followup Status:** Closed  
**As Of:** 1/13/2012 00:00:00 *SAA 1-18-12*

**Incident Reporter 1**

**Received By:** Spo Contact  
**Received Date:** 1/5/2012 16:14:00  
**Dispatch #:** s12-0049  
**Reported By:** Terry Chretien  
**Phone:** 337-708-6177 (Work phone number)  
**Reporter Title:**  
**Organization:** Citgo Petroleum  
**Address:**  
  
**Municipality:**  
**State:** LA  
**Zip Code:**  
**Comments:**

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY  
INCIDENT REPORT

Incident ID: 136319

**Incident Source 1**

**Source Name:** Citgo Petroleum Corp - Lake Charles Manufacturing Complex  
**Address:** 4401 Hwy 108 S  
(portion of)

**Municipality:** Westlake  
**State:** LA  
**Phone:** 3377086079 (Work phone number)  
**Parish:** Calcasieu  
**AI #:** 1250  
**Related Permits:**

**Comments:** Ron Cady, John Wainwright and I investigated this incident on 1/5/12. At approx. 4:07 PM on 1/5/12, an initial notification to LSP/SPOC was made by Terry Chretien of CITGO reporting a power failure at the Refinery which occurred at approx. 4:00 PM involving the following process units (Unicracker, Coker 2, Acid Plant, and SRUs). Mr. Chretien initially reported that flaring was occurring and that CITGO was conducting downwind offsite air monitoring. Upon arrival at CITGO at approx. 4:45 PM, we determined the wind direction was SE and conducted offsite downwind air monitoring for H2S and SO2 on Hwy 108, starting from the FCC Units proceeding westward on Hwy 108 and ending just west of CITGO's Lube and Wax (CLAW) Plant. The results of our air monitoring with the MSA and Porta-Sens instruments (see attached LDEQ Monitoring Data Form) showed 0 ppm H2S and SO2 at the time. I made a follow-up call to Mr. Chretien for an incident update and to request air monitoring data from CITGO's monitoring. We subsequently met with Phyllis Holifield, CITGO Environmental Manager, who informed us that the incident was not a power failure but was a brief dip in voltage on electrical equipment in the Refinery. She further stated the electrical problem was corrected at approx. 4:10 PM and that the affected units were in the process of being restored to normal operation. We observed that there was only minimal flaring from this incident. According to Ms. Holifield, CITGO's in-situ monitoring system for H2S and SO2 at the CLAW Plant south fence line had detected only one monitor point downwind with a slightly elevated H2S concentration (highest 0.14 ppm) due to the incident (SO2 readings did not exceed baseline levels). CITGO submitted a followup letter for this incident dated 1/11/12 (see attached) stating that no reportable quantities were exceeded during the event and that the notification was made as a courtesy only. NFA-GQ

Scott Wilkinson

Gerald

From: OTRS System [otrs@otrstest.ldeq.org]
Sent: Friday, January 06, 2012 2:55 PM
To: Danny Chapman
Cc: DEQ-SWROAdmin
Subject: [Incident#101992] SWRO s12-0049 T 136319 LSP # 12-00092 Calcasieu

(Handwritten initials)

SPOC
Charles Lato

Louisiana Department of Environmental Quality
Single Point Of Contact
Phone: (225) 219-3640
Fax: (225) 219-4044

Forwarded message from SPOC <SinglePointof.Contact@LA.GOV>

Sent: Thursday, January 05, 2012 4:14:05 PM

INCIDENT # 12-00092 SOURCE: STATE POLICE HAZMAT HOTLINE
877-925-6595 / 225-925-6595

(INITIAL REPORT) DATE AND TIME
HOTLINE NOTIFIED: 01/05/12 16:07
INCIDENT OCCURRED: 01/05/12 16:00

(INITIAL REPORT) INCIDENT LOCATION
PARISH: Calcasieu
ADDRESS: 4401 Hwy 108 South, Calcasieu River MM 29
CITY: Sulphur

(INITIAL REPORT) CALLER INFORMATION
CALLER'S NAME: Terry Chretien
CALLER'S ADDRESS OR EMPLOYER: Citgo Petroleum
CALLER'S PHONE NUMBER: 337-708-6177-lab shift foreman

(INITIAL REPORT) RESPONSIBLE PARTY
NAME: Citgo Petroleum
MAILING ADDRESS: PO Box 1562
CITY,STATE,ZIP: Lake Charles, LA 70602

(INITIAL REPORT) DETAILS
They had a total plant power failure... Several units are flaring at this time... The process units flaring are: UNI Cracker, Coker 2, Acid Plant, and SRU-Sulfur Recovery Unit... It is possible they will have to do more flaring to relieve pressure... Products being released are unknown at this time...

(INITIAL REPORT) CHEMICAL INFORMATION
CHEMICAL 1: Unknown
QTY: unk
RELEASED STATE: Gas CLASS: ID: EHS:

(INITIAL REPORT) RELEASE INFORMATION
INCIDENT CLASSIFICATION: Unusual Event
DID MATERIAL GO OFFSITE? Yes
RELEASED TO: Flare

WHERE IS AIR BEING MONITORED? Perimeter of facility  
IF MONITORING, WHAT IS HIGHEST READING? No readings yet  
ANY OFF-SITE PROTECTIVE ACTION?

No

RELEASE EFFECTS:

FIRE: No

INJURIES: No :

FATALITIES: No :

\*\* (INITIAL REPORT) FIXED SITE \*\*\*\*\*

Process Unit

--- End forwarded message ---

**LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY  
FIELD INTERVIEW FORM**

AGENCY INTEREST#: 1250 INSPECTION DATE: 1/5/12 TIME OF ARRIVAL: 4:45 PM  
 ALTERNATE ID#: 0570-00016 DEPARTURE DATE: 1/5/12 TIME OF DEPARTURE: 6:10 PM  
(ID Type/Number)  
 FACILITY NAME: CITGO - Lake Charles Manufacturing Complex PH #: (337) 708-8431  
 LOCATION: 4401 Hwy 108 Sulphur, LA 70665

RECEIVING STREAM (BASIN/SUBSEGMENT): \_\_\_\_\_ PARISH NAME: Calcasieu

MAILING ADDRESS: Same as Above  
(Street/P.O. Box)  
 FACILITY REPRESENTATIVE: Phyllis Holifield TITLE: ENVIRON Manager  
(City) (State) (ZIP)  
 FACILITY REPRESENTATIVE PHONE NUMBER: (337) 708-8431  
 NAME, TITLE, ADDRESS and TELEPHONE of RESPONSIBLE OFFICIAL (if different from above):  
Eduardo Asaf - Plant Manager

INSPECTION TYPE: Incident PROGRAM INVOLVED:  AIR WASTE WATER OTHER \_\_\_\_\_

INSPECTOR'S OBSERVATIONS: (e.g. AREAS AND EQUIPMENT INSPECTED, PROBLEMS, DEFICIENCIES, REMARKS, VERBAL COMMITMENTS FROM FACILITY REPRESENTATIVES)  
Made a site visit as a result of an emergency response incident notification to LDEQ made by CITGO Refinery. This response was for the purpose of conducting offsite air monitoring in response to this incident. LDEQ monitoring for SO2 and H2S showed no readings offsite on Hwy 108 downwind. According to Phyllis Holifield, there was a brief dip in voltage on electrical equipment. The problem was corrected in short order and flaring was minimal.

**AREAS OF CONCERN:**

REGULATION	EXPLANATION	CORRECTED?	
_____	_____	YES	NO
_____	_____	YES	NO
_____	_____	YES	NO

PHOTOS TAKEN:  YES  NO SAMPLES TAKEN:  YES  NO (Attach Chain-of-custody)  
 RECEIVED BY: SIGNATURE: Phyllis Holifield  
 PRINT NAME: Phyllis Holifield  
 (NOTE: SIGNATURE DOES NOT NECESSARILY INDICATE AGREEMENT WITH INSPECTOR'S STATED OBSERVATIONS)

INSPECTOR(S): Gerald Quarles, Ron Cady, John Wainwright CROSS REFERENCE: \_\_\_\_\_  
 ATTACHMENTS: \_\_\_\_\_  
 REVIEWER: Billy Eakin

NOTE: The information contained on this form reflects only the preliminary observations of the inspector(s). It should not be interpreted as a final determination by the Department of Environmental Quality or any of its officers or personnel as to any matter, including, but not limited to, a determination of compliance or lack thereof by the facility operator with any requirements of statutes regulations or permits. Each day of non-compliance constitutes a separate violation of the regulations and/or the Louisiana Environmental Quality Act.

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY  
MONITORING REPORT FORM

COMPANY NAME:

Citgo Petroleum Corporation

DATE:

January 5, 2012

INCIDENT DESCRIPTION:

Emergency Response for a low power incident/Voltage dip

INCIDENT LOCATION:

Citgo Petroleum - Lake Charles  
Manufacturing Complex, 4401 Hwy 108S  
West lake, LA 70669

EQUIPMENT USED:

SERIAL NUMBER:

1. MSA (H<sub>2</sub>S)
2. PortaSens (SO<sub>2</sub>)
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_

- A0-0855-K04
- C16-00-0459-BD
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_

FIELD MONITORING TEAM

1. Ron Cady
2. Gerald Quarles
3. John Wainwright
4. \_\_\_\_\_
5. \_\_\_\_\_

Time	Location (Description)	Parameters						Remarks/ Observations	Initials
		CO	LEL	O <sub>2</sub>	SO <sub>2</sub>	VOC	H <sub>2</sub> S		
<u>4:45pm to 5:10pm</u>	<u>Hwy 108 South Hwy 108 West</u>	<u>N/A</u>	<u>N/A</u>	<u>20.9</u>	<u>N/D</u>	<u>N/D</u>	<u>N/D</u>		<u>JW</u>

N/D - Not Detected                      PPM - Parts Per Million  
N/A - Not Applicable                    PPB - Parts Per Billion

Summary:  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



CITGO Lake Charles  
Manufacturing Complex

P.O. Box 1562  
Lake Charles, Louisiana 70602

*Spec 2*  
*CR 1*

January 11, 2012

Emergency Response Commission  
Department of Public Safety and Corrections  
Office of State Police  
TESS/Right-to-Know Unit  
P.O. Box 66168  
Baton Rouge, LA 70896-6168

Department of Environmental Quality  
Office of Environmental Compliance  
P. O. Box 4312  
Baton Rouge, LA 70821-4312  
Attention: Surveillance Division – SPOC

**RECEIVED**  
JAN 12 2012  
LOUISIANA DEPARTMENT OF  
ENVIRONMENTAL QUALITY  
SOUTHWEST REGIONAL OFFICE

Re: Courtesy Letter  
Power Failure  
Case No: 12-00092  
Agency Interest #1250  
CITGO Petroleum Corporation  
Lake Charles Manufacturing Complex  
Environmental Dept. File #1-10-01

Gentlemen:

This letter is being submitted as a follow-up to the telephone calls placed on January 5, 2012 to the Louisiana State Police HAZMAT, the Louisiana Department of Environmental Quality, the National Response Center and the Emergency Planning Committee regarding a power failure at the CITGO Lake Charles Manufacturing Complex.

A review of the operating data from this event showed that no RQs were exceeded during the event; therefore, please regard the notification as a Courtesy Call.

It is CITGO Petroleum Corporation's (CITGO) policy to operate all of its facilities in an environmentally sound manner and in full compliance with all state and federal laws, regulations, and permits. If there are any questions concerning this report, please call me at 337.708.8431.

Sincerely,

Phyllis Holifield, Manager  
Environmental Protection Department

LL

Courtesy Letter  
Case No: 12-00092  
EPD2012-0006  
January 11, 2012

**DISTRIBUTION:**

Copies: Department of Environmental Quality  
Office of Environmental Compliance  
P. O. Box 4312  
Baton Rouge, LA 70821-4312

Department of Environmental Quality  
Southwest Regional Office  
1301 Gadwall Street  
Lake Charles, LA 70615

Emergency Response Commission  
Department of Public Safety and Corrections  
Office of State Police  
TESS/Right-to-Know Unit  
P.O. Box 66168  
Baton Rouge, LA 70896-6168

Local Emergency Planning Committee  
P.O. Box 3287  
Lake Charles, LA 70602

Louisiana Office of Public Health  
Section of Environmental Epidemiology and Toxicology  
P.O. Box 4489 (Bin 10, Box 18)  
Baton Rouge, LA 70821

Email: Kevin Miller  
Kevin.Miller@dps.la.gov

Copy: Lee Liebendorfer  
Environmental Release Notification File #1-10-01