DOCKETED	
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TN #:	200809
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Comment Received From: Sarah Goatcher

Submitted On: 10/9/2013 Docket Number: 08-AFC-08A

## **Updated Comments**

Additional submitted attachment is included below.

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OPTINIONS 5-20-13	HECA Project – blic Sconing Meeting for FIS
UPDATED  PUBLIC SCOPING MEETING	COMMENT FORM
Must be received on or before (Please print cleans)	re July 27, 2012 arly)
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example; Lam no longe	V rejuctant to expres
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severe threat to hum	an and animal life
IN the avea.	
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Palm Farms and be so ve and BUTTONWILLOW! Death	ry, very near TUPMAIV.
and BUTTONWILLOW! Death	On Our Doorsteps!
Then (I) blame the	FED. Government for
their Greed and lack of	of Concern for US.
C + C	
	CHER
Mailing Address: FOBOX 37 City: CITY CA	
State: CALIFORMA	Sarah Goatcher PO Bóx 37 Tupman, CA 93276-0037
Zip: $93276-0037$ Phone: $601-304-0014$	Tupman, CA 35270-0037
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Comment forms may be mailed to:	Comment forms may be sent by e-mail to:
Mr. Fred Pozzuto	fred.pozzuto@netl.doe.gov

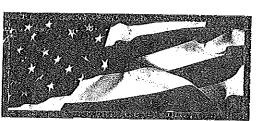
Mr. Fred Pozzuto
U.S. Department of Energy
National Energy Technology Laboratory
3610 Collins Ferry Road
P.O. Box 880

Morgantown, WV 26507-0880

Comment Updated

the AMERICAN CITIZENS Donsider
this action by the FED. Gov. as a
Terrorist threat to my life and property.

Building this plant in the name of
progress, is a lie, it is in the name of
Then our BLOOD will be on their
hands.





Thank You Larah E. Loatcher 20 Box 37 Lupman, CA, 93276

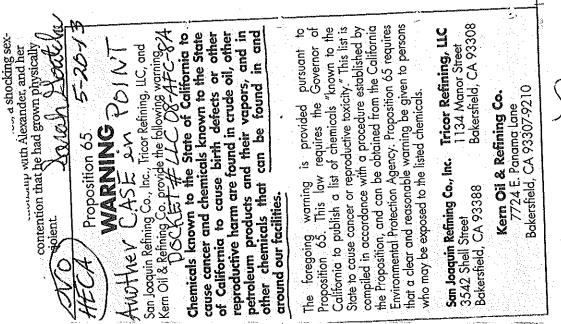
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Return Address:



P.S. And just for the record: Ves; lef it be known; through out this land. I have pleaded for our hives!

Attn: Fred Pozzuto
U.S. Department of Energy
National Energy Technology Laboratory
3610 Collins Ferry Road
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Morgantown, WV 26507-0880



Pg.3 5-20-13 Sarahé. Scatcher



Mr. Pozzuta

Dochef#14CO8-AFC-8A

The Bakersfield Californian Saturday, May 11, 2013

World

5-20-13

## Carbon dioxide levels soar to milestone level

BY DOYLE RICE

For the first time in recorded human history, levels of carbon dioxide in the atmosphere have surpassed 400 parts per million (ppm), according to data released Friday morning from the National Oceanic and Atmospheric Administration from the Mauna Loa Observatory in Hawaii,

The average level of carbon dioxide over the past five days is 400.03 ppm. Carbon dioxide is the greenhouse gas that is responsible for 63 percent of the warming attributable to all greenhouse gases, according to NOAA's Earth System Research Laboratory in Boulder, Colo.

Increasing amounts of carbon dioxide and other gases caused by the burning of the oil, gas and coal that power our world are enhancing the natural "greenhouse effect," causing the planet to warm to levels that climate scientists say can't be linked to natural forces.

CO2 levels were around 280 ppm prior to the Industrial Revolution, when we first began releasing large amounts into the atmosphere through the burning of fossil fuels.

"That increase is not a surprise to scientists," said NOAA senior scientist Pieter Tans of the Earth System Research Lab. "The evidence is conclusive that the strong growth of global CO2 emissions from the burning of coal, oil, and natural gas is driving the acceleration."

During the last 800,000 years, CO2 fluctuated between about 180 ppm during ice ages and 280 ppm during interglacial warm periods. Today's rate of increase is more than 100 times faster than the increase that occurred when the last ice age ended.

The last time that carbon dioxide reached 400 ppm was millions of years ago. How do scientists know this?

Scientists can analyze the gases trapped in ice to reconstruct what climate was like in prehistory, but that record only goes back 800,000 years, according to the Scripps Institute of Oceanography in San Diego. It is harder to estimate carbon dioxide levels before then, but in 2009, one research team reported in the journal Nature Geoscience that it had found evidence of CO2 levels that ranged between 365 and 415 ppm, roughly 4.5 million years ago.

"They based their finding on the analysis of carbon isotopes present in compounds made by tiny marine phytoplankton preserved in ancient ocean sediments," according to Scripps.

"Crossing the 400 ppm threshold is more than a new data point about greenhouse gas levels in our atmosphere," says World Wildlife Fund chief scientist Jon Hoekstra. "It's a sobering reminder that the planet we know today will not be the planet we know tomorrow."

Jarah Sarah



MICHAEL AINSWORTH / XINHUA VIA ZUMA PRESS

A policeman stands guard at an apartment building that was destroyed when a fertilizer plant exploded, devastating West, Texas, last month,

## Texas launches criminal probe into plant explosion

ANGELA K. BROWN AND RAMIT PLUSHNICK-MASTI

WACO, Texas - Texas law enforcement officials on Friday launched a criminal investigation into the massive fertilizer plant explosion that killed 14 people last month, after weeks of largely treating the blast as an industrial accident.

The announcement came the same day perfederal agents said they found bomb-making materials belonging to a paramedic who helped evacuate residents the night of the 3 explosion. Bryce Reed was arrested early Friday on a charge of possessing a destructive device, but law enforcement officials said they had not linked the charge to the April 17 fire and blast at West Fertilizer Co. 3

"It is important to emphasize that at this point, no evidence has been uncovered to indicate any connection to the events surrounding the fire and subsequent explosion ... and the arrest of Bryce Reed by the ATR" the McLennan County Sheriff's Office said in a statement.

Texas Department of Public Safety said earlier Friday that the agency had instructed the Texas Rangers and the sheriff's department to conduct a criminal probe into the explosion. The agencies will join the State Fire Marshall's Öffice and the Bureau of Alcohol, Tobacco, Firearms and Explosives, which have been leading the investigation and never ruled out that a crime may have been committed. HENE "This disaster has severely impacted the

community of West, and we want to ensure intrate, a chemical commonly used as a fertilithat no stone goes unturned and that all the lizer, but that also can be explosive in the right facts related to this incident are uncovered."

DPS Director Steven McCraw said.

Reed was in federal custody, A criminal complaint unsealed Friday afternoon said he was arrested after McLennan County deputies were called earlier this week to a home in Abbott, a town about five miles from West, and found bomb-making materials — including a galvanized metal pipe, canisters filled with fuses, a lighter, a digital scale and a variety of chemical powders.

"After further investigation, it was determined that the resident had unwittingly taken possession of the components from Reed on April 26," says the complaint signed by ATF special agent Douglas Kunze.

An ATF explosives specialist and a chemist examined the items and agreed the combination of parts can be readily assembled into a destructive device," the complaint says.

Reed made an initial appearance in federal court in Waco on Friday, but did not enter a plea.

Officials have largely treated the West explosion as an industrial accident, though investigators still searching for the cause of a fire that preceded the blast have said they would treat the area as a crime scene until all possibilities were considered.

The State Fire Marshal's Office released a statement Friday saying it decided to continue pursuing a criminal probe because roughly 250 leads have developed and more than 400 people have been interviewed. Muthorities have focused on ammonium izer, but that also can be explosive in the right

conditions as the cause of the avalacion

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