Thursday, April 15, Fresno Bee and Modesto Bee

Valley set to top L.A. as worst smog spot in nation

By Mark Grossi, Fresno Bee

The San Joaquin Valley today is due to become the worst air basin in the country as federal officials start enforcing a more stringent health standard for smog.

The valley would replace Los Angeles, the nation's smog king for several decades under the old standard. Valley air officials expect the U.S. Environmental Protection Agency today to set a deadline of 2013 for cleanup.

"We're concerned," said Don Hunsaker, cleanup plan development supervisor for the San Joaquin Valley Air Pollution Control District. "It will be difficult to meet that deadline."

The valley's 25,000-square-mile bowl shape and warm weather tenaciously hold pollutants from vehicles, industries and businesses, making smog reduction much tougher than in most places in the country. Air quality gets worse at the south end of the valley.

Stretching from Stockton to Bakersfield, the valley already is on the hook for a cleanup plan by Nov. 15 under the old standard. The EPA is expected today to declare that the valley must keep its pollution reduction promises for the old standard, even though that standard could be revoked in 2005.

The new standard, monitored over eight-hour periods throughout the day, casts a wider net than the old one, which focuses on peaks each hour of the day. The eight-hour standard is more protective, meaning that lower smog concentrations trigger violations.

Studies in the 1990s suggest that exposure to smog in low background levels over longer stretches of time can be more dangerous than one-hour peaks. Ozone, the chief ingredient in smog, is a warm-weather gas that corrodes the lungs and damages plants.

The EPA announcement also is expected to designate three Central California national parks -- Yosemite, Sequoia and Kings Canyon -- as smog violators, largely because of the pollution drifting into the Sierra from the valley. In the past five years, Sequoia has exceeded the new standard far more often than Azusa, considered a Los Angeles County smog trap years ago.

"It's unbelievable and unacceptable," said Courtney Cuff, regional director of the National Parks Conservation Association. "Now is the time to do something. This is an important wakeup call."

That wakeup call apparently will be heard today in many places throughout the country. EPA officials say that almost 500 counties with a total of 174 million people are out compliance with the new standard. Presently, 370 counties are in violation of the old standard.

In addition to the valley, Los Angeles, Houston and other well-established smog offenders, the list is expected to include places such as Mariposa County. The mountain county has a population of only 17,000 people who basically live downwind of the valley and the San Francisco Bay Area.

State air authorities are hoping that the EPA does not lump Mariposa, Tuolumne, Calaveras and Amador counties in with the valley. If the counties become part of the valley air zone, as the EPA proposed last year, they would be subject to more stringent rules and higher expenses.

"They are clearly victims of downwind transport -- they don't have any industry," said Jerry Martin, spokesman for the state Air Resources Board. "We are optimistic that they will be classified separately, but we don't know yet."

Air agencies have monitored the eight-hour readings for decades, but federal authorities did not decide until 1997 to enforce the standard.
Unsuccessful legal challenges from trucking and business groups as well as several states delayed the eight-hour standard until now.

Environmentalists fear even more delay. The EPA may allow some areas longer cleanup timelines, according to the Earthjustice Legal Defense Fund.

"Drafts we've seen also may disregard the cleanup timelines used under the older, one-hour standard, so that the dirtiest places, like LA and the Central Valley, will actually be taking a step back," Earthjustice representatives said Wednesday in a statement.

In the valley, the cleanup deadline for the old standard is 2010.

"We must have the deadline for the one-hour," said Sierra Club member Kevin Hall of Fresno. "We were supposed to have attainment by 1999. Think of the 2010 deadline as an interim between now and the deadline for the eight-hour standard."

Wednesday, April 14, Oakland Tribune

Region's air status going up in smog

New, tougher federal ozone standards likely to knock

By Douglas Fischer, STAFF WRITER

A tough new air-quality standard coming Thursday from the federal government is expected to once again bump the Bay Area out of compliance -- two weeks after U.S Environmental Protection Agency declared the region had finally met the old one.

The new standard clamps down on the amount of ozone-forming smog -- a major contributor to asthma and illnesses such as bronchitis and emphysema -- permitted in the nation's counties and air districts. While the old rule focused on peak emissions at hourly intervals, the new standard limits emissions over a rolling eight-hour average.

It also places more emphasis on the fuzzy notion of "transport" -- how one region's pollution contaminates another's air.

The new rules date from the Clinton administration but have remained tied up in courts amid industry concerns that the stricter limits would be too expensive and virtually impossible to meet, particularly in struggling areas like the Los Angeles basin and parts of the East Coast.

In the Bay Area, one monitoring station in the Santa Clara Valley does not meet that standard. But there's also evidence the Bay Area's smog contributes to the Central Valley's smog woes, considered among the worst in the nation. In a December letter

Wednesday, April 14, New York Times

Pollution Study Favors Regulation

By BARNABY J. FEDER

Regulation is more effective than relying on voluntary programs to reduce air pollution, according to the authors of a new review of the environmental record of the nation's 100 largest electric power companies.

The report, to be released today, was sponsored by the Coalition for Environmentally Responsible Economies, which includes environmental, investor and business groups; the Natural Resources Defense Council, an environmental group; and the Public Service Enterprise Group, the parent of New Jersey's largest utility. It focuses on data collected by the federal government from the utility industry covering 1991 to 2002.

The data showed progress in reducing emissions of sulfur dioxide and nitrogen oxide, two federally regulated pollutants that contribute to smog and acid rain and are associated with increased risk of heart and lung disease.

But unregulated carbon dioxide emissions, which most scientists say are raising the temperature of the atmosphere and
contributing to more violent weather, rose substantially in the 1990’s. Utilities generate roughly the same amount of carbon dioxide for each kilowatt of power produced that they did in 1991, according to the report.

“Voluntary programs don't work at all in the utility sector,” said David G. Hawkins, a former assistant administrator of the Environmental Protection Agency who now directs the climate center at the Natural Resources Defense Council.

Mr. Hawkins said that the 35 percent decline in sulfur dioxide emissions and the 28 percent decline in nitrogen compounds since 1990 were limited victories given the E.P.A.’s estimates that roughly 30,000 people are still dying prematurely each year from exposure to particulate forms of the two chemicals emitted by power plants.

American Electric Power, the nation’s largest utility and the owner of numerous coal-fired plants, was the largest producer of air pollutants, while Exelon, the fourth-largest utility and a major operator of nuclear power plants, had far lower emissions. For example, American Electric generated 70 percent more power in 2002 than Exelon and emitted 15 times more carbon dioxide.

American Electric, which has advocated relying on voluntary efforts to reduce carbon dioxide emissions, argued yesterday against drawing broad regulatory lessons from such different pollutants.

Power plants generate almost 70 percent of the sulfur dioxide air pollution, and reasonably priced technology exists to cut such emissions, so imposing regulations like caps on the industry makes sense, said John M. McManus, vice president for environmental services at the company, based in Columbus, Ohio.

But, he said, utilities represent a third of the carbon dioxide emissions; no technology exists to capture carbon dioxide from its smokestacks at a reasonable cost; and other air pollutants are far more potent contributors to global warming.

Thus, Mr. McManus said, it was sound policy to not focus on power plants in considering what to do about greenhouse gases.


to Gov. Arnold Schwarzenegger, the EPA alluded to both as reason why the region would not meet the new standard.

"In order to reach a solution, everybody has to be at the table," said Wayne Nastri, the top EPA official for nine western states and territories, including California. "If you have a downwind county (suffering from pollution) ... you have to have them at the table with the upwind county that was the source of the pollution."

The Bay Area isn't alone in losing its clean-air status. San Diego had been out of compliance until this year, and come Thursday it should be so again, said Matt Haber, the EPA's regional deputy air director. Likewise, six Central Valley and foothills counties that today are classified as clean will likely find their fates tied to the considerably smoggier Sacramento and San Joaquin valleys, he said.

At stake, ultimately, are highway funds the agency can hold hostage for failing to comply. But Nastri and Haber said such worries are far into the future. All local counties and air districts will have until at least 2007 to draw up a plan to meet the new standard.

Tuesday, April 13, Lycos Environmental News Service
California Central Valley Air Extremely Smoggy
San Francisco, California,

The air in California’s San Joaquin Valley is officially in “extreme” violation of federal ozone, or smog standards. The U.S. Environmental Protection Agency took final action Thursday to downgrade the air basin from "severe" to "extreme" non-attainment under the federal one-hour ozone standard. Ground level ozone, also known as smog, can irritate the respiratory system, causing coughing, throat irritation or a burning sensation in the airways. It can reduce lung function, and cause feelings of chest tightness, wheezing, or shortness of breath. The California Air Resources Board recently requested that the EPA downgrade the Valley’s air quality classification from severe to extreme because the Valley could not attain the standard by 2005 as required by law. Ground level ozone air quality in the San Joaquin Valley has generally improved over the past several decades, but not as quickly as required by federal law. The Valley exceeded the national ozone standard 37 times in 2003. The reclassification results in stricter federal air quality requirements on sources of pollution in the air basin. Major pollution sources will be subject to federal permitting requirements if their emissions of ozone precursors exceed 10 tons per year (tpy), lowered from 25 tons per year, and modifications at existing major sources of pollution also will be subject to permitting requirements if any increase of an ozone precursor occurs at 10 tpy, also lowered from 25 tpy. Emission offset ratios also are increased for major new or modified sources of smog precursors. Some of the pollution
sources in the Valley are lime kilns, boilers and steam generators, refineries and chemical plants, and can coating operations. "This action recognizes that stronger tools and more time are necessary to achieve national clean air standards in areas with the worst air quality challenges," said Deborah Jordan, the director of the EPA's air division in the Pacific Southwest Region. "Downgrading the Valley's air to extreme will not delay air quality improvements." Upon becoming effective, the ozone classification action stops the federal air pollution sanction that has been in place in the Valley since mid-March. The federal highway funding freeze that would have become effective in September is also suspended. The San Joaquin Valley Air Pollution Control District must submit a plan to the EPA by November 15, 2004 showing how the Valley will attain federal air quality standards by 2010. The District must also submit updated rules within a year that incorporate the more stringent air quality requirements, including reducing the permitting level for stationary air pollution sources from 25 to 10 tons per year.

Tuesday, April 13, 2004, NEW YORK TIMES

Clear Skies No More for Millions as Pollution Rule Expands
By JENNIFER 8. LEE

AN ANTONIO, April 8 - More than half the nation's population lives in or around areas that violate clean air standards, according to a list to be released on April 15 by the federal government.

The list is a long-delayed result of federal standards revised in 1997 and will sweep beyond traditional smog-filled metropolises like Houston, Los Angeles and New York to encompass smaller cities like Little Rock, Ark., and Birmingham, Ala., where the air appears relatively clear. In San Antonio, which has begun taking steps to combat air pollution, the local government broadcasts warnings telling children not to play outside even on some days when the skies are azure blue.

Rural communities will be affected along with at least seven national parks, including the Great Smoky Mountains in North Carolina and Tennessee, Acadia in Maine and Yosemite in California.

On April 15, the Environmental Protection Agency will release a list of about 500 counties that violate or contribute to violations of ground-level ozone, more than double the number listed under older standards. Ground-level ozone, which is odorless and invisible, is a major component of smog on hot summer days. Prolonged exposure causes the equivalent of sunburn to the lungs.

The revised federal standards have wide economic and environmental implications and the makeup of the list has been the subject of lobbying in Washington. Areas in violation face the loss of federal money for roads. Industrial development can be barred in those areas unless companies prove that they would not make pollution worse.

"A lot of counties feel if they are in, it will have negative impact on their economic development plans," said Senator George V. Voinovich, Republican of Ohio. Like many members of Congress, he said he has been deluged by letters and calls from local officials worried that the revised standards "will cause the loss of jobs, restrict economic growth, discourage plant location and encourage manufacturers to move overseas."

Since passage of the 1970 Clean Air Act, the country's air is significantly cleaner, but scientific research continues to ratchet down the amount of pollution that is considered healthy to breathe. One reason for the dirty-air designations is "to communicate to the residents of the areas that the air they are breathing is not as healthy as our national standards," said Michael O. Leavitt, the administrator of the Environmental Protection Agency, which makes the determinations.

The new designations are a result of a process that started in 1997 when the Clinton administration tightened standards for ozone and fine particulate soot, which lodges in the lungs and contributes to lung disease, heart attacks and premature death.

The old ozone rules measured peak exposures over one-hour periods. But dozens of studies showed that persistent exposure to low levels of ozone damages the respiratory and immune systems. The tighter standards measure ozone over eight hours.

Industry challenges to the revised standards rose to the Supreme Court, which unanimously rejected the arguments in 2001 and allowed the E.P.A. to begin the multiyear process to determine which areas were in violation. On April 15, the agency will release areas in violation of the ozone standards. In December, it will announce which counties exceed limits for soot.

A number of states contend that the revised standards are so strict that even if their counties drastically reduced their own air emissions, pollution from other states, notably power plant pollution that blows long distances, would still push them into violation.
"There are counties that could take all their cars off the roads, close their factories and clean up their power plants and still
not be in attainment," Mr. Leavitt said at a Senate hearing last month. To combat that problem, the agency has proposed
reducing pollution from coal-fired plants in the eastern United States by allowing plants to buy and sell the right to emit sulfur
dioxide and nitrogen oxides, with a lowering of overall pollution limits over time.

Almost 300 counties are expected to be deemed in violation of the revised ozone rules on Thursday. But about 200
neighboring counties will face restrictions because they are considered contributors to the ozone pollution in the counties
that violate the rules. In all, about 160 million people will live in areas affected by the revised standards, up from 110 million
affected by the old rules.

Many states and locales are reviewing strategies that would intimately affect how people live - from cutting speed limits by 5
miles per hour, to discouraging house painting during summer months, to giving tax breaks to businesses that encourage
telecommuting.

"It will underscore vividly that almost all of our activities during the day directly or indirectly contribute to air pollution and
smog levels," said William Becker, the executive director of the State and Territorial Air Pollution Program Administrators
and the Association of Local Air Pollution Control Officials.

States will have three years to come up with detailed plans on how they would reduce the two main ingredients of ground-
level ozone: nitrogen oxides, which are emitted through combustion, and volatile organic compounds, gases that evaporate
from gasoline and paints.

Actions taken by some 30 metropolitan areas, including San Antonio, offer an early look at the kind of measures that will be
adopted by states and cities over the next decade. These areas, which are in violation of the revised standards generally by
slim margins, have signed agreements with the E.P.A. to reduce pollution early to avoid some of the regulatory
consequences.

In San Antonio, where tractor-trailers, Ford F-150 pickup trucks and chunky S.U.V.’s ring the city on the shimmering
highways, local officials are looking for ways large and small to nibble away at air pollution.

They are keen on maintaining a healthy-air designation, believing it helped them attract an $800 million Toyota plant last
year while Dallas, a competitor, had additional regulatory burdens from clean-air violations.

San Antonio has asked refineries to reformulate gasoline to lower car pollution. School districts have pushed the start of the
academic year after the hottest parts of August, in part to reduce the need for air-conditioning and the pollution from
electricity generation that produces it. Schools also are organizing students to walk to and from school in groups with
parental chaperons to cut back on cars using the roads and idling in front of schools.

Some companies are asking employees to bring lunch or eat in company cafeterias to cut down on traffic during the hottest
part of the day. Some businesses are discouraging use of drive-through lanes, asking customers to park and come inside.

"We are looking for small habit changes that people can keep up over a lifetime," said Dorothy Birch, who manages the
ozone outreach programs for the Alamo Area Council of Governments. "There is no crumb too small."

Tuesday, April 13, Sacramento Bee

Bill seeks to allow solo hybrid drivers to use car-pool lanes

By Tony Bizjak - Bee Staff Writer

A legislative proposal to allow drivers of certain hybrid cars to use freeway car-pool lanes - even when alone in the car - got
off to a zooming start Monday, despite some worries about increasing congestion.

The bill by Southern California Assemblywoman Fran Pavley, D-Agoura Hills, comes with notable backing: Gov. Arnold
Schwarzenegger and state Treasurer Phil Angelides, who usually are on opposing sides of political debates.

Pavley's legislation, AB 2628, would make driving easier and quicker for motorists in gas-and-electric-powered vehicles - as
long as the vehicle gets at least 45 miles per gallon and meets the state's strictest partial-emissions standards.

Pavley easily won support Monday of the Assembly Transportation Committee in the bill's first test.

She said that giving hybrid cars a boost makes environmental sense in a state loaded with 20 million vehicles, and where
drivers pay the nation's highest gas prices.
Her desire, she said, is to encourage automakers to build more hybrid cars focused on higher mileage and to encourage motorists to buy them.

There are an estimated 20,000 hybrids in California today, Pavley said, notably the Toyota Prius, Honda Civic Hybrid and Honda Insight.

The vehicles save gas by using electrical power to help during acceleration, low-speed driving and uphill driving, and using gasoline for cruising at higher speeds.

Bill sponsors said the action, if approved by the Legislature, would make a statement that California can be a national leader in reducing the nation's reliance on pollution-causing oil.

Pavley said her intent, however, is simple: "I just want to push this new technology, which will have a positive effect on our air quality."

California will need a federal OK to enact the law, but that approval is in the Bush administration's transportation plan, Pavley said.

The bill has support from Schwarzenegger. Angelides, one of the leading Democratic critics of the Schwarzenegger administration, is a co-sponsor of the bill, along with the state Air Resources Board.

Angelides has called hybrid vehicles "a transition to a truly zero-emissions future."

Although there has been little opposition to the concept, some transportation officials say they worry about unintended effects.

Despite voting in support of the bill, Assembly Transportation Committee Chairwoman Jenny Oropeza, D-Long Beach, said she wonders if too many hybrid vehicles could gum up car-pool lanes.

"I wish there was some other way" to provide incentives to motorists to buy these cars, she said.

Dennis Fay, executive director of the Alameda County Congestion Management Agency, said his board voted to oppose the bill on two grounds: The high price of gas is already ample incentive to buy hybrids, and "there are many car-pool lanes that are close to capacity already, and allowing single-occupant vehicles into car-pool lanes would simply congest them and not achieve the goals of increased vehicle occupancy."

In an analysis of the bill, Assembly Transportation Committee consultant Howard Posner wrote that the move also could conflict with the incipient effort in the state toward turning some car-pools lanes into toll lanes.

He also said that the bill, as written, doesn't include efficient gasoline-only vehicles that may get more than 45 mpg.

The bill would authorize the Department of Motor Vehicles to give window decals for qualifying hybrids. That number, however, would be limited to 75,000 vehicles, and the bill, if it becomes law, would expire in 2008.

By then, officials estimate the number of hybrids in California will have jumped beyond 110,000, although not all will have met the bill's standards.

To protect the concept of quick car-pool lanes, Pavley's bill would give the state the option of banning hybrids from some sections of those lanes if they became too crowded.

Sacramento resident Holly Brickner, whose Prius averages 47 mpg, said she thinks the concept is great.

"Anything the state can do to encourage cars with hybrid technology is incredibly worthwhile," she said.

Statewide, there are 1,100 miles of car-pool lanes on more than 4,200 miles of freeways.

In Sacramento, car-pool lanes exist on portions of most local highways. Caltrans officials say they hope eventually to link the entire Sacramento freeway system with car-pool lanes.

The state budget crisis, however, has stalled the next planned car-pool lane, on Highway 50 from Sunrise Boulevard to downtown Sacramento.
Editorial, Modesto Bee, Wednesday, April 14

Ride the green trolley -- or any public transit

New green trolley look-alike buses are catching attention in Riverbank and Oakdale, even before they start regular service between the cities.

No one else in Stanislaus County operates anything quite like them; we anticipate some people will climb aboard for no other reason than curiosity. To which we say, great -- whatever it takes to get people to try mass transit.

Ultimately, we need to get more people out of their cars, SUVs and pickups -- especially if they're riding solo -- and onto buses, trains and bicycles. Alternative transportation choices are essential if we are to reduce the valley's extreme air pollution. The vehicles we drive are the single largest contributor to the valley's pollution. And our valley's air is among the worst in the nation.

The trolley service between Riverbank and Oakdale, which begins May 17, is one example of a trend toward more regular bus service around Stanislaus County. Turlock added fixed routes in 1998 and has seen steady growth in ridership, according to a spokeswoman.

The Modesto Area Express (MAX) system will make two significant additions to its system next year, adding an express bus between downtown and Vintage Faire Mall and a second route in south Modesto that will make a quicker ride for most people going to and from the Community Services Agency off Crows Landing Road.

Who rides mass transit in the valley? Often it's people who have no other choice -- students, seniors and those in families with more drivers than vehicles. But Brad Christian, transit manager for Stanislaus County, attributes the growth in bus ridership in part to economics. The 85-cent fare to ride the bus from Newman to Modesto, for example, is a darn good deal when gasoline costs $2.09 a gallon or more.

Within Modesto, most people can get to their destination more quickly by car than by bus. Once there, they may have to spend a minute or two looking for a parking space, but they don't have to pay much, if anything, for it. So when convenience is the primary motivator, private vehicles have the edge.

As we head into summer, we'll face Spare The Air Days, when, in the interest of reducing pollution, we'll be asked not to make unnecessary car trips. Those days, likely to be hot, are the times when people may want to consider an air-conditioned MAX bus or, if they are going between Riverbank and Oakdale, the attractive trolley.

This could be the summer to try transit.

The Stanislaus Regional Transit Web site, www.srt.org, has schedules or links for most area bus systems.

Wednesday, April 14, 2004, Los Angeles Times, Commentary

Hybrids in Carpool Lanes: a Nonstarter

By Robert Poole,

Robert Poole, director of transportation studies at the Reason Foundation, served on Gov. Pete Wilson's Commission on Transportation Investment.

When a policy proposal has the bipartisan support of Republican Gov. Arnold Schwarzenegger, Democratic state Treasurer Phil Angelides and the Natural Resources Defense Council, can it really be a bad idea? Quite simply, yes. That's the verdict on the bill now in the state Legislature to allow hybrid cars getting at least 45 miles per gallon to use the carpool lane, even if they hold just one occupant.

Politicians should think seriously about the consequences of this proposal.

Carpool lanes - formally called high occupancy vehicle, or HOV, lanes - were put in place to ease traffic congestion and to improve the efficiency of our freeways. So the first problem with allowing hybrids into HOV lanes is that these additional vehicles will soon use up the carpool lanes' capacity, making them nearly as congested as the regular lanes.

Proponents, such as Jeff Morales, former director of Caltrans, try to reassure us by noting that over the next 15 years, hybrids will make up, at most, 2% of the vehicle fleet.

But 2% of the 29 million vehicles already on our roads would be 580,000 vehicles. If even half of those hybrids tried to use...
the HOV lanes at rush hour, the lanes would be swamped. It is predicted by the Bay Area's Metropolitan Transportation Commission that by 2010, seven of the region's 18 HOV corridors will be at capacity, and by 2025 nearly all of them will be congested.

It is true that the measure pending before the Legislature would expire in 2008, but by that time driving in the carpool lane will have become an entitlement for the 50,000 to 70,000 hybrid owners in the state. It probably would prove difficult to prevent the law's extension. The larger the entitled group becomes, the harder it will be to alter the law.

Also, letting in thousands of hybrid cars probably would create an enforcement nightmare for the California Highway Patrol. Today, a Prius is instantly recognizable as a hybrid. But the hybrids due out in 2005, 2006 and 2007 model years will be identical in appearance to ordinary cars; it's just an engine option, not a different body style. They would be identified as authorized HOV-lane users only by a small decal.

Once drivers of the nonhybrid versions of these same models catch on, many of them will take their chances in the HOV lanes.

And the implications go far beyond congestion in the HOV lanes and law enforcement. In their original incarnation, HOV lanes were intended to be used for express bus service. Adding congestion to the HOV lanes would destroy the attraction of using regional express bus service - a way to move people quickly and more affordably than building rail lines or other forms of mass transit.

Clogging up the HOV lanes also precludes the possibility of turning some of them into high-occupancy/toll lanes, where single-occupant vehicles are allowed to use the carpool lane if they are willing to pay a toll. Higher tolls are charged electronically during rush hours to manage traffic flow, as has been done for years in San Diego and Orange County. Plans are underway in a dozen other metro areas around the nation for similar toll lanes.

These high-occupancy/toll lanes do three very good things.

First, they give all drivers the option of paying for a faster trip when it's really important to them.

Second, they add only a limited number of cars to the lane, controlled by the size of the toll. That gives express bus service an uncongested guideway - offering a real speed advantage over freeway driving.

And third, they generate toll revenue to help pay for expanding the HOV/toll system.

When I was a boy, my father taught me the importance of always selecting the right tool for the job. Carpool lanes are a tool for managing traffic and making our freeways flow better. There are many ways public policy can encourage less-polluting and more energy-efficient vehicles. But trying to make HOV lanes solve energy and emissions problems is using the wrong tool for the job.