

Reducing Locomotive Emissions: New Actions Agreed to by UP and BNSF Railroads

On June 30, 2005, the Air Resources Board (ARB) entered into a pollution reduction agreement with Union Pacific Railroad (UP) and BNSF Railway (BNSF). Dozens of local communities will benefit because the railroads have committed to implementing numerous actions to reduce pollutant emissions from rail operations throughout the state. In addition, the railroads have committed to studying and reducing pollution risks at 17 designated rail yards (See the Table on the back side of the Fact Sheet).

What have the railroads committed to do?

When fully implemented, the agreement is expected to achieve a 20 percent reduction in locomotive diesel particulate matter emissions near rail yards. To do this, UP and BNSF have agreed to:

- Phase-out non-essential idling within six months, and install idling reduction devices on California based locomotives within 3 years.
- Identify and expeditiously repair locomotives with excessive smoke and ensure that at least 99 percent of the locomotives operating in California pass smoke inspections.
- Maximize the use of ultra low sulfur (15 parts per million) diesel fuel by January 1, 2007, six years before such fuel is required by regulation.
- Conduct health risk assessments for 17 major rail yards and use these studies to identify risk reduction measures.
- By January 2006, prepare a progress report on plans to implement feasible mitigation measures at the 17 major rail yards.

How is the community involved?

There are numerous opportunities for public involvement that are spelled out in the agreement. UP and BNSF have committed to a process of outreach and communication with the communities affected by operations at the 17 major railyards. ARB staff has also committed to participate in this outreach effort. Under the agreement, the railroads will:

- Establish a system to enable local residents to report locomotives that do not comply with smoke limits or idling restrictions.
- By November 2005, meet with community members to identify measures to reduce the impact of railyard emissions on adjacent residential neighborhoods.
- Provide periodic progress reports to community representatives on the implementation of risk mitigation plans and preparation of risk assessments.
- Meet with representatives from the affected community, ARB, and the local air district to discuss the results of the draft health risk assessment for each yard. Upon completion of a health risk assessment, hold meetings within 60 days to discuss the findings and the concerns of the community, and to identify mitigation measures.
- Involve community representatives in semi-annual meetings to discuss ongoing efforts to develop and deploy new technologies to reduce locomotive emissions.

Does the agreement change any existing authority to regulate railroads?

No. All existing federal, state and local authorities over rail yards and locomotives will not change as a result of the agreement. The agreement will accelerate rail yard and locomotive mitigation efforts currently underway.

For more information:

The agreement can be obtained by accessing the ARB website at: <http://www.arb.ca.gov/railyard>. For a hard copy, contact ARB's Public Information Office at (916) 322-2990.

You may obtain this document in an alternative format by contacting ARB's ADA Coordinator at (916) 323-4916 (voice); TTY/TDD/Speech-to-Speech users may dial 7-1-1 for the California Relay Service.

To be notified about railyard meetings, please subscribe at: <http://www.arb.ca.gov/listserv/listserv.php>. At this page, select "All Lists," type in your email address, confirm your email address, and then press "Display Email Lists." When these four steps are completed, all of the ARB listserves, in alphabetical order, will become visible on a separate page. On this separate page, place a check on the left side of "Railyard Impacts" to subscribe to the railyard listserve.

Table of Designated Railyards Covered in the Agreement

<u>Location</u>	<u>County</u>	<u>Operator</u>
Roseville	Placer	UP
Commerce	Los Angeles	UP
Hobart	Los Angeles	BNSF
Commerce/Eastern	Los Angeles	BNSF
Watson/Wilmington	Los Angeles	UP
LATC	Los Angeles	UP
Mira Loma	Riverside	UP
Richmond	Contra Costa	BNSF
Stockton	San Joaquin	BNSF
Stockton	San Joaquin	UP
Barstow	San Bernardino	BNSF
City of Industry	Los Angeles	UP
Colton	San Bernardino	UP
Dolores/ICTF	Los Angeles	UP
Oakland	Alameda	UP
San Bernardino	San Bernardino	BNSF
San Diego	San Diego	BNSF

(Note-health risk assessment for the Roseville Railyard is already completed).