

EPA'S PERSPECTIVE ON THE 2007 HEAVY-DUTY TRUCK DIESEL ENGINE EMISSIONS COMPLIANCE

Byron Bunker

U.S. Environmental Protection Agency

The U.S. Environmental Protection Agency (EPA) has completed a comprehensive technology review of the progress that industry is making toward meeting the requirements of the 2007 Highway Heavy-Duty Clean Diesel Program. This Program will help achieve public health benefits through the introduction of new emission standards that will result in significant reductions in particulate matter (PM) and oxides of nitrogen (NO_x) from diesel trucks and buses. The report, "Highway Diesel Progress Review," provides EPA's review of the progress of manufacturers of diesel engines and emissions control systems in developing technology to reduce engine exhaust pollutants. In particular, the report documents progress to develop the NO_x adsorber technology and the catalyzed diesel particulate filter technology. The Agency found that the industry has made significant progress to develop and commercialize the technologies needed to comply with the Program's requirements.