

Locomotives

Moderator:
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2007 SIP Workshop

November 14, 2006

Locomotive Emissions

**Emissions
South Coast 2015
(tpd)**

NOx	ROG
23	3



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Locomotive Concepts

--South Coast 2015 Reductions (tpd)--

<u>Control Concept</u>	Reductions "Up To"	
	<u>NOx</u>	<u>ROG</u>
Accelerated use of New and Rebuilt Clean Engines	4	1



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Key Assumptions

- Low sulfur diesel fuel will be used in all trains by 2012
- Tier 3 locomotive engines will be available beginning in 2012
- Continued implementation of the 2005 MOU



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Next Steps

- Continue to encourage U.S. EPA to require Tier 3 engines by 2012
- Identify technologies that will meet Tier 3 engine standards



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