

**TABLE VI-1 – SUMMARY OF ALTERNATIVE PROGRAM OPTIONS  
(INCREMENTAL TO THE PROPOSAL)**

Option	Fuel Standards	Engine Standards	Estimated Relative Inventory Impacts <sup>c</sup> (NPV tons thru 2030; 3% discount)	Estimated Cost Impacts - \$Billion (NPV thru 2030; 3%)	Estimated Benefits Stream - \$Billion <sup>e</sup> (NPV thru 2030; 3%)
<i>Proposal (inventory impacts, costs and benefits reported below for the options are compared to the proposal)</i>					
	<ul style="list-style-type: none"> <li>500 PPM in 2007 for NR, loco/marine</li> <li>15 ppm in 2010 NR only</li> </ul>	<ul style="list-style-type: none"> <li>&gt;25 hp: PM AT introduced 2013</li> <li>&gt;75 hp: NOx AT introduced and phased-in 2011-2013</li> <li>&lt;25 hp: PM stds in 2008</li> <li>25-75 hp: PM stds in 2008 (optional for 50-75 hp)</li> </ul>	Relative to baseline: 1,126,000 PM 4,952,000 SO2 5,591,000 NOx+NMHC	\$16.7	\$550 <sup>b</sup>
<b>1-Step Fuel Options</b>					
1	<ul style="list-style-type: none"> <li>15 ppm in 2008 for NR only</li> <li>500 ppm in 2008 for loco/marine</li> </ul>	<ul style="list-style-type: none"> <li>&lt; 50 hp: PM stds only in 2009</li> <li>25-75 hp: PM AT stds and EGR or equivalent NOx technology in 2013; no NOx AT</li> <li>&gt;75 hp: PM AT stds phasing in beginning in 2009; NOx AT phasing in beginning in 2011</li> </ul>	6,000 PM -191,000 SO2 11,000 NOx+NMHC	\$1.7 <sup>d</sup>	\$2 <sup>b</sup>
1a	<ul style="list-style-type: none"> <li>15 ppm in 2008 for NR, loco/marine</li> </ul>	<ul style="list-style-type: none"> <li>PM AT introduced in 2009-10</li> <li>NOx AT introduced in 2011-12</li> </ul>	129,000 PM -63,000 SO2 1,843,000 NOx+NMHC	a	\$59
1b	<ul style="list-style-type: none"> <li>15 ppm in 2006 for NR, loco/marine</li> </ul>	Same as 1a	a	a	
<b>2-Step Fuel Options</b>					
2a	Same as proposal except – <ul style="list-style-type: none"> <li>500 ppm in 2006 for NR, loco/marine</li> </ul>	Same as proposal	18,000 PM 228,000 SO2 0 NOx+NMHC	a	\$7 <sup>b</sup>
2b	Same as proposal except – <ul style="list-style-type: none"> <li>15 ppm in 2009 for NR</li> </ul>	Same as proposal except – <ul style="list-style-type: none"> <li>Move PM AT up 1 year for all engines &gt; 25 hp (phase in starts 2010)</li> </ul>	54,000 PM 17,000 SO2 36,000 NOx+NMHC	\$1.2 <sup>d</sup>	\$16 <sup>b</sup>