

## Contingency Specification Rationale Worksheet

<b>WBS Level 4 Identifier: 21</b>		<b>Title: Gas Delivery/Gas Injection Systems</b>		
<b>Originator: W. Blanchard</b>		<b>Date: 9/8/03</b>		
	<b>Technical</b>	<b>Schedule</b>	<b>Cost</b>	<b>Total</b>
<b>Risk Factor (Table 2-1):</b>	4	2	4	
<b>Weighting Factor (Table 2-2):</b>	2	1	1	
<b>Percent</b>	8	2	4	14
<p><b>Recommended Contingency Allowance (%):</b>                  Recommend using 14 % contingency.</p> <p><b>Rationale for Selection of Contingency Allowance:</b></p> <ul style="list-style-type: none"> <li>• Technically, the gas delivery and gas injection systems are mostly new designs but will be based on the NSTX system. Legacy equipment will be used where practicable.</li> <li>• With respect to the schedule, no impact on any other system is anticipated.</li> <li>• Concerning cost, the cost estimate is based on previous similar experience. At this point there is some uncertainty in the detailed design of the systems but the manufacturing will use standard techniques.</li> </ul>				