

<p style="text-align: center;"><b>WASHINGTON TRU SOLUTIONS MANAGEMENT CHARTER</b></p> <p><b>TITLE: ENGINEERING DEPARTMENT</b></p>	<p style="text-align: right;">MC 8.1, Rev. 4 Page 1 of 2</p>
<p>COGNIZANT SENIOR MANAGER:</p> <p><u>Approval on File</u> <u>7/16/10</u> D. W. Freeman, Chief Nuclear Date Engineer; Manager, Engineering</p>	<p>APPROVED BY:</p> <p><u>Approval by P. Yocum on File</u> <u>7/29/10</u> M. F. Sharif Date WTS General Manager</p>
<p><b>1.0 ROLE</b></p> <p>The Engineering Department, as the interpretive authority, will direct the engineering functions of the Waste Isolation Pilot Plant in accordance with U.S. Department of Energy Orders; engineering codes and standards; and other applicable federal, state, and local statutes and regulations. All activities conducted by the department will be performed in a safe, disciplined, productive, cost-effective, efficient, and quality-conscious manner.</p> <p><b>2.0 RESPONSIBILITIES</b></p> <ul style="list-style-type: none"> <li>• Generate and maintain engineering procedures that define processes and establish effective controls over key engineering practices, such as configuration management, design classifications, design change control, component numbering, design verification, as-built confirmations, commercial grade item dedication, assignment of quality/management levels, and document control.</li> <li>• Generate and maintain proposed changes to the Documented Safety Analysis and associated documents to ensure that operations remain within the approved safety bases.</li> <li>• Review and approve all budget and planning exercises within the department.</li> <li>• Assign duties, tasks, and responsibilities to engineering personnel commensurate with applicable personnel qualifications/certification requirement and training.</li> <li>• Maintain safety culture and management accountability consistent with the Voluntary Protection Program and Integrated Safety Management System objectives, with special emphasis on keeping worker exposure to radiation source(s) and hazardous chemicals as-low-as-reasonably-achievable.</li> <li>• Conduct all phases of engineering in a manner that meets or exceeds the organization's environmental policies, objectives, and goals.</li> <li>• Develop and implement policies and procedures to ensure consistency among authorization agreement documents and site implementing processes.</li> </ul>	

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- Perform self-assessments to evaluate department performance.
- Provide overall administration of assigned subcontracts.
- Maintain a design change control process that ensures that documentation for systems, structures, and components represents the physical plant configuration.
- Develop and maintain the Unreviewed Safety Question Determination process.
- Define acceptance criteria and conduct start-up tests for new or modified systems or components.
- Encourage use of safe behaviors during the performance of work by WTS personnel and promote safe behavior for workplace, and home, activities.