

Appendix E

<p style="text-align: center;">NUCLEAR WASTE MANAGEMENT PROCEDURE</p> <p>Sandia National Laboratories</p>	<h2 style="margin: 0;">Design Document Criteria</h2>	<p>Form Number: NP 19-1-4</p> <p>Page 1 of 1</p>												
<p>1. Software Name: _____</p> <p>2. Software Version: _____</p> <p>3. Document Version: _____</p> <p>4. ERMS #: _____</p> <p>Prior to sign-off of the DD, all items shall be appropriately addressed by the code sponsor so that "Yes" may be checked. Include this form as part of the DD.</p>														
<p>Are the following appropriately defined and documented in the DD?</p> <p>5. Major Software Components <input type="checkbox"/> Yes</p> <p>6. Technical description of the software with respect to: theoretical basis, embodied mathematical model, major control flow, control logic, and data structures <input type="checkbox"/> Yes</p> <p>7. Allowable or Prescribed Ranges for Inputs and Outputs <input type="checkbox"/> Yes</p> <p>8. Verifiability: Is the design verifiable through testing or other means? <input type="checkbox"/> Yes</p> <p>9. Consistency and Traceability: Is the design consistent with and traceable to the software's requirements? <input type="checkbox"/> Yes</p> <p>10. Technical Feasibility: Is the design technically feasible? <input type="checkbox"/> Yes</p> <p>11. Implementation: Is the design presented in sufficient detail to allow for implementation as computer software? <input type="checkbox"/> Yes</p>														
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 45%; border-top: 1px solid black; border-bottom: 1px solid black;">12. Code Team/Sponsor <i>(print)</i></td> <td style="width: 30%; border-top: 1px solid black; border-bottom: 1px solid black; text-align: center;">Signature</td> <td style="width: 25%; border-top: 1px solid black; border-bottom: 1px solid black; text-align: center;">Date</td> </tr> <tr> <td style="border-top: 1px solid black; border-bottom: 1px solid black;">13. Technical Reviewer <i>(print)</i></td> <td style="border-top: 1px solid black; border-bottom: 1px solid black; text-align: center;">Signature</td> <td style="border-top: 1px solid black; border-bottom: 1px solid black; text-align: center;">Date</td> </tr> <tr> <td style="border-top: 1px solid black; border-bottom: 1px solid black;">14. Responsible Manager <i>(print)</i></td> <td style="border-top: 1px solid black; border-bottom: 1px solid black; text-align: center;">Signature</td> <td style="border-top: 1px solid black; border-bottom: 1px solid black; text-align: center;">Date</td> </tr> <tr> <td style="border-top: 1px solid black; border-bottom: 1px solid black;">15. SCM Coordinator <i>(print)</i></td> <td style="border-top: 1px solid black; border-bottom: 1px solid black; text-align: center;">Signature</td> <td style="border-top: 1px solid black; border-bottom: 1px solid black; text-align: center;">Date</td> </tr> </table>			12. Code Team/Sponsor <i>(print)</i>	Signature	Date	13. Technical Reviewer <i>(print)</i>	Signature	Date	14. Responsible Manager <i>(print)</i>	Signature	Date	15. SCM Coordinator <i>(print)</i>	Signature	Date
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Key for check boxes above:

Check **Yes** for each item reviewed and found acceptable