

BSC

Criteria/Basis Change Notice

1. QA: N/A
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Complete only applicable items.

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| 3. Document Identifier: 000-3DR-MGR0-00100-000 | | 4. Rev.: 007 | 5. CBCN: 002 |
| 6a. Title: <i>Project Design Criteria Document</i> | | 6b. Safety Classification of SSC: Non-ITS & Non-ITWI | |
| 7. Reason for Change: New requirements addressing material control and accountability (MC&A) were allocated to Engineering after last issuance of the PDC. This CBCN incorporated DOE M 470.4-6 into the existing PDC Criterion 4.3.5.10, <i>SNM Material Transfers</i> . This is appropriate for the PDC (not the BOD) because of the nature of the DOE manual guidance. Although there are BOD criteria (23.2.1.9 and 23.2.1.10) that address material control and inventories, this change is only appropriate to the PDC. Detailed design of the S&S MC&A systems are future activities. This level of detail is not included in the SAR. There is no technical impact of this change. | | | |
| 8. Supersedes Change Notice: | | <input type="checkbox"/> Yes If, Yes, Change Notice: _____ <input checked="" type="checkbox"/> No | |
| 9. Disciplines/Organizations Affected by this Change: | | | |
| Balance of Plan Project Engineer <i>[Signature]</i> | Mechanical Discipline Engineering Manager <i>[Signature]</i> | Electrical and I & C Discipline Engineering Manager <i>[Signature]</i> | |
| | | ESH Review Coordinator (EM) <i>[Signature]</i> | |
| | | If 6b is ITS/ITWI: Quality Assurance: N/A | |
| 10. Description of Change: Add the following PDC criteria as follows: 4.3.5.10 SNM Material Transfers The safeguards and security system shall provide for electronic material tickets in accordance with Regulatory Guide 5.49, <i>Internal Transfers of Special Nuclear Materials</i> [DIRS 165832], Sections B, C.1, and C.2. The S&S system shall provide an electronic system for recording material control and accountability inventories, etc. that complies with DOE M 470.4-6, Nuclear Material Control and Accountability [DIRS 184288], Section A, Chapter II. This system shall provide for recording and documenting SNM inventories. <i>[RGA REG-CRW-RG-000293, Agreement for Regulatory Guide 5.49 Rev 0, Internal Transfers of Special Nuclear Material (BSC 2007 [DIRS 181754]) provided agreement that paper tickets will not be utilized for MC& and A but that the electronic system shall be utilized. DOE M 470.4-6 is required through the contract and provides DOE's guidance for the electronic systems.]</i> Add the following reference to the reference section 8.2: [DIRS 184288] DOE M 470.4-6, Change 1. 2006 (R 2007). Nuclear Material Control and Accountability. Washington, D.C.: U.S. Department of Energy. ACC: | | | |
| 11. REVIEWS AND APPROVAL | | | |
| Printed Name | Title | Signature | Date |
| 11a. Preparer: David S. Rhodes | Discipline Engineering Manager | <i>[Signature]</i> | 12-18-07 |
| 11b. Concurrence: Richard Foster (Acting) | Manager of Discipline Engineering | <i>[Signature]</i> | 12-18-07 |
| 11c. Concurrence: N/A | Project Engineering Manager | N/A | N/A |
| 11d. Approved: Barbara Rusinko | Engineering Manager | <i>[Signature]</i> | 12/19/07 |