

NRC INSPECTION MANUAL

IIPB

Change Notice 05-007

DELETED:

<u>Number</u>	<u>Date</u>
1. IMC 0609, App F	05/28/04
2. IMC 0609, App F, Att 1	05/28/04
3. IMC 0609, App F, Att 2	05/28/04
4. IMC 0609, App F, Att 3	05/28/04
5. IMC 0609, App F, Att 4	05/28/04
6. IMC 0609, App F, Att 5	05/28/04
7. IMC 0609, App F, Att 6	05/28/04
8. IMC 0609, App F, Att 7	05/28/04
9. IMC 0609, App F, Att 8	05/28/04
10. IMC 0308, Att 3, App F	05/28/04
11. IMC 0609, App G	05/25/04
12. IMC 0609, App G, Att 2	05/25/04
13. IMC 0609, App G, Att 3	05/25/04
14. IMC 0308, Att 3, App G	05/25/04

TRANSMITTED:

<u>Number</u>	<u>Date</u>
IMC 0609, App F	02/28/05
IMC 0609, App F, Att 1	02/28/05
IMC 0609, App F, Att 2	02/28/05
IMC 0609, App F, Att 3	02/28/05
IMC 0609, App F, Att 4	02/28/05
IMC 0609, App F, Att 5	02/28/05
IMC 0609, App F, Att 6	02/28/05
IMC 0609, App F, Att 7	02/28/05
IMC 0609, App F, Att 8	02/28/05
IMC 0308, Att 3, App F	02/28/05
IMC 0609, App G	02/28/05
IMC 0609, App G, Att 2	02/28/05
IMC 0609, App G, Att 3	02/28/05
IMC 0308, Att 3, App G	02/28/05

TRAINING: None.

REMARKS: IMC 0609, App F (Fire Protection Significance Determination Process) is revised to correct typographical errors; change all references from 50th and 95th percentile to 75th and 98th percentile, respectively, for expected and high confidence fire intensity values; add additional applicable correlations from NUREG-1805.

IMC 0609, App F, Att 1 (Attachment 1: Part 1: Application of Fire Protection SDP Phase 1 Worksheet) is revised to correct the base fire frequency for

non-qualified cables, medium loading in Table A1.3 on page F1-9.

IMC 0609, App F, Att 2 (Attachment 2: Degradation Rating Guidance Specific to Various Fire Protection Program Elements) no changes - added for completeness.

IMC 0609, App F, Att 3 (Attachment 3: Guidance for Identifying Fire Growth and Damage Scenarios) is revised to correct the references to proper attachment - last sentence on page F3-6.

IMC 0609, App F, Att 4 (Attachment 4: Fire Ignition Source Mapping Information: Fire Frequency, Counting Instructions, Applicable Fire Severity Characteristics, and Applicable Manual Fire Suppression Curves) is revised to correct title for the cables ignition source bin on page F4-1 to properly indicate it only applies to non-qualified cables.

IMC 0609, App F, Att 5 (Attachment 5: Characterizing Non-Simple Fire Ignition Sources) is revised to change all references from 50th and 95th percentile to 75th and 98th percentile, respectively, for expected and high confidence fire intensity values.

IMC 0609, App F, Att 6 (Attachment 6: Guidance for the Identification of Targets and Their Ignition and Damage Criteria) is revised to provide additional guidance for solid state components.

IMC 0609, App F, Att 7 (Attachment 7: Guidance for Fire Growth and Damage Time Analysis) is revised to expand Tables A7.1 and A7.2 to provide a better breakout of time to failure using temperature ranges; add additional applicable correlations from NUREG-1805; expand the FDS2 guidance on damaging hot gas layer conditions for unprotected and protected cables.

IMC 0609, App F, Att 8 (Attachment 8: Guidance for Fire Non-Suppression Probability Analysis) is revised to correct the mathematical signs within the last bullet before Manual fire suppression on page F8-9.

IMC 0308, Att 3, App F (Technical Basis for Fire Protection Significance Determination Process At Power Operations) is revised to correct typographical errors; change all references from 50th and 95th to 75th and 98th percentile, respectively, for expected and high confidence fire intensity values; add additional applicable correlations from NUREG-1805; remove bullet on moderate degradation against the fire prevention or administrative control program on page 48 (not applicable in current process); correct the base fire frequency for non-qualified cables, medium loading in Table A9.3 on page 59; expand Table A9.6 and A9.7 to provide a better breakout of time to failure using temperature ranges.

IMC 0609, App G (Shutdown Operations Significance Determination Process) is revised to clarify the definition of "available." The revised definition states that necessary support systems can be put into service within half the time needed for the equipment to perform its function.

IMC 0609, App G, Att 2 (Phase 2 Significance Determination Process Template for PWR During Shutdown) is revised to revise the definition of "available;" add caution to account for unplanned entries into high risk configurations.

IMC 0609, App G, Att 3 (Phase 2 Significance Determination Process Template for BWR During Shutdown) is revised to revise the definition of "available" to consider a support system available if the support system can be placed in service within half the time the equipment is needed for operation; to revise the definition of Plant Operational State (POS) POS 1 and POS 2 to account for RCS being closed vs. operational mode (POS 1) and sufficient RCS vent path being available (POS 2); to revise BWR Loss of Inventory POS 2 and BWR Loss of RHR Event Trees that credit automatic ECCS when the inventory loss was automatically isolated; to revise Worksheet 5 to account for the RCS being vented as a condition for worksheet use and Worksheet 7 was revised to credit automatic ECCS when the inventory loss was automatically isolated.

IMC 0308, Att 3, App G (Technical Basis for Shutdown Operations Significance Determination Process) is revised to add automatic injection as a condition for operator actions RHRREC and LCOOL. The definition for Plan Operational States (POS) POSs 1 and 2 were made to coincide with the revision to IMC 0609, Appendix G, Attachment 3.

DISTRIBUTION: Standard

END