# Tier 1 Changes Explanation/Basis Document
## Tier 1, Section 2.5.2

| Item No. | Explanation/Basis for Change |
|---|---|
| **Design Description Section 2.5.2.1** | |
| A | Editorial and clarifications to the first, second and fourth Design Description paragraphs. |
| B | Notes 1 and 2 and remove information that is redundant to that provided in Section 2.12.1.  See Item J.  This change alters the response to RAI 255, Revision 1, 14.03.05-18. |
| C | Notes 1 and 2.  See Items O and R. |
| D | Notes 1 and 2.  See Item H. |
| E | Notes 1 and 2.  See Item H. |
| F | Note 1. |
| G | Notes 1 and 2.  See Item I. |
| H | Notes 1 and 2.  See Items D and E. |
| I | Notes 1 and 2.  See Item G. |
| J | Notes 1 and 2.  See Item B. |
| K | Note 1. |
| L | Notes 1 and 2.  See Item N.  This change alters the response to RAI 255, Revision 1, 14.03.05-10. |
| M | Note 1.  This change alters the response to RAI 255, Revision 1, 14.03.05-17. |
| N | Information is redundant to the first paragraph. |
| O | Deleted detail not necessary for Tier 1. |
| P | Deleted detail not necessary for Tier 1. |
| Q | See ITAAC #5.  This change alters the response to RAI 255, Revision 1, 14.03.05-19. |
| R | Deleted detail not necessary for Tier 1. |
| | |
| **Table 2.5.2-1** | |
| S | Revisions to clarify the functions and related process systems required to perform the functions. |
| **Table 2.5.2-2** | |
| T | Revisions to clarify the functions and related process systems required to perform the functions. |
| **ITAAC Table 2.5.2-3** | |
| 1 | DC<br>– Revised for editorial corrections and clarification of the commitment.  [RIS - Scope, first bullet]<br>ITA<br>– ITA to perform testing is added to demonstrate control functions.  [RIS - Focus, sixth bullet]<br>AC<br>– Revised for scope clarification and for consistency with DC and ITA.  [RIS – Focus, sixth and seventh bullets; Scope, first bullet.] |

| Item No. | Explanation/Basis for Change |
|---|---|
| 2.a | **DC** <br> − Revised for clarification of scope and commitment.  [RIS - Standardization, second bullet; Scope, first bullet] <br> **ITA** <br> − Revised to clarify scope and intent of ITA.  [RIS - Scope, first bullet] <br> **AC** <br> − Revised to provide specific acceptance criteria for transfer function testing.  [RIS - Focus, sixth and seventh bullet]  This change alters the response to RAI 181, Revision 0, 14.03.05-09. |
| 2.b | **DC** <br> − Revised for clarification of scope and commitment.  [RIS - Standardization, second bullet; Scope, first bullet]  This change alters the response to RAI 181, Revision 0, 14.03.05-09. <br> **ITA** <br> − Revised to clarify scope and intent of ITA.  [RIS - Scope, first bullet]  This change alters the response to RAI 181, Revision 0, 14.03.05-09. <br> **AC** <br> − Revised to provide specific acceptance criteria for transfer function testing.  [RIS - Focus, sixth and seventh bullet; Scope, first bullet]  This change alters the response to RAI 181, Revision 0, 14.03.05-09. |
| 2.c | **DC, ITA, AC** <br> − Deleted – ITAAC is redundant to 2.a and 2.b.  ITAAC to comply with Technical Specifications is not required.  [RIS - Standardization, third bullet]  This change alters the response to RAI 181, Revision 0, 14.03.05-09. |
| 3 | **DC** <br> − Editorial change. <br> **ITA** <br> − Remove reference to non-safety PCMS controls which are not required for safe shutdown.  [RIS - Standardization, third bullet] <br> **AC** <br> − Clarify the AC, and remove reference to non-safety PCMS which is not required for safe shutdown.  [RIS - Focus, sixth bullet; Scope, first bullet] |

| Item No. | Explanation/Basis for Change |
|---|---|
| 4 | DC<br>– Clarify scope of commitment and to remove redundant DC for control of vital areas (see Tier 1 Table 2.12-1, #10.a). [RIS - Scope, first bullet and Standardization second and third bullets]  This change alters the response to RAI 255, Revision 1, 14.03.05-18.<br>ITA<br>– 4.i – Provide clarification of ITA for inspection requirements based on DC changes. [RIS - Focus, sixth bullet; Standardization, third bullet] This change alters the response to RAI 255, Revision 1, 14.03.05-18.<br>– 4.ii – Provide appropriate ITA for access alarms. [RIS - Focus, sixth bullet; Standardization, fourth bullet] This change alters the response to RAI 255, Revision 1, 14.03.05-18.<br>AC<br>– Revise AC to align with revised ITA 4.i and 4.ii.  [RIS - Focus, seventh bullet; Standardization, third bullet] This change alters the response to RAI 255, Revision 1, 14.03.05-18. |
| 5 | DC<br>– ITAAC deleted as it is redundant to ITAAC 2.5.1-6 #13, 2.6.1-3 #17, 2.6.2-2 #15 and 2.6.3-3 #12. This change alters the response to RAI 255, Revision 1, 14.03.05-19. |
| 6 | DC, ITA, AC<br>– Clarify the scope of the ITAAC, and generic changes to ITAAC for functional arrangement to provide clarity and consistency.  [RIS - Scope, first and second bullets; Standardization, second and third bullets]  This change alters the response to RAI 255, Revision 1, 14.03.05-10. |
| 7 | DC<br>– Revised to clarify the scope of the design commitment.  [RIS - Scope, first bullet; Standardization, second and third bullets] This change alters the response to RAI 255, Revision 1, 14.03.05-17.<br>ITA<br>– No change.<br>AC<br>– Change to be consistent with revisions to the DC.  This change alters the response to RAI 255, Revision 1, 14.03.05-17. |
| **Figure 2.5.2-1** | |
| U | Revised to change from "SLS-A" to "SLS/COM-A" as described in UAP-HF-10313 and UAP-HF-10237. |

Note 1:  Revised to provide consistency between the Design Description (DD) and the Design Commitment (DC) in the ITAAC table.  Revised text to include only the necessary attributes for ITAAC.

Note 2:  Text relocated within the DD section to align with the sequence and numbering of the corresponding DC in the ITAAC table.