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**RESPONSE TO REQUEST FOR ADDITIONAL INFORMATION**

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04/13/2026

**SAFETY SYSTEM DIGITAL PLATFORM  
- MELTAC (MITSUBISHI ELECTRIC TOTAL ADVANCED CONTROLLER) -  
ASPM and CGD**

**Mitsubishi Electric Corporation**

**EPID: L-2024-TOP-0036**  
**RAI NO.: RAI 15**  
**DATE OF RAI ISSUE: 03/10/2026**

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**RAI 15**

Background and Issue: As incorporated by reference in regulation 10 CFR 50.55a(h), IEEE Std 279-1971, Clause 4.3 states, in part, that “quality of components is to be achieved through the specification of requirements known to promote high quality, such as requirements for design, inspection, and test.” Similar criteria for the quality of components are identified in Clause 5.3 of IEEE Std 603-1991.

Section 3.1.3, “Oversight,” of ASPM Revision 1, states, in part, that “The following strategies shall be implemented and maintained to manage the lifecycle of target application software.

- Ensure that if any deviations from an application-specific project plan are detected and reported, corrective actions are initiated under a QAP which may be contained in the Application Licensing Documentation.”

Section 3.1.3.1, “Basic Strategy,” of the NRC-approved ASPM Revision 0, states, in part, that “In managing the application software life cycle process, the following basic management strategies shall be implemented to achieve reliability and design quality of the application software.

- Ensure that if any deviation from this ASPM are detected and reported, corrective actions shall be initiated in accordance with MELCO’s 10 CFR 50 Appendix B QAP.”

Based on the changes from Revision 0 to Revision 1 of this ASPM, it is unclear whether deviations from the ASPM are still detected and corrected. It is also not clear whether there will be a QAP contained in the Application Licensing Documentation that will conform to the MELCO’s Quality Manual based on U.S. nuclear regulations, ESC Procedure N-G000-P (R2).

Request: Please provide additional information to:

1. Clarify if deviations from the ASPM are still detected and corrected for the safety-related applications.

2. Clarify if a QAP for the safety-related applications will comply with the MELCO's Quality Manual based on U.S. nuclear regulations, ESC Procedure N-G000-P (R2).
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**ANSWER:**

1. As stated in the response to RAI 13 (JEXU-1041-2172), to make clear that the ASPM complies with MELCO's 10 CFR Part 50 Appendix B QAP and to clarify MELCO's scope, MELCO will revise the ASPM as shown in the attachment to RAI 13 response. Because the ASPM complies with MELCO's 10 CFR Part 50 Appendix B QAP, any deviations from the ASPM will be identified during design reviews and V&V activities. Detected deviations will be addressed through corrective actions based on MELCO's 10 CFR Part 50 Appendix B QAP.
2. As stated in the response to RAI 13 (JEXU-1041-2172), to make clear that the ASPM complies with MELCO's 10 CFR Part 50 Appendix B QAP and to clarify MELCO's scope, MELCO will revise the ASPM as shown in the attachment to RAI 13 response.

**Impact on Topical Report and/or Support Documents.**

MELCO will revise the MELTAC Platform Application Software Program Manual as shown in the attachment to RAI 13 response.