

Mitsubishi Electric Total Advanced Control Audit Preparation Information

Requirements Analysis Thread Reviews

The U.S. Nuclear Regulatory Commission (NRC) staff would like for Mitsubishi Electric Corporation (MELCO) to demonstrate requirements traceability for the following selected requirements to help the NRC understand and evaluate how the traceability processes work.

- Requirement 1 – []
 - Requirement 2 – []
 - Requirement 3 – []
 - Requirement 4 – []
-]

The NRC staff will then select several additional requirements from the available documents and will analyze the implementation of these requirements using the available requirements traceability matrices (RTMs).

Verification and Validation Summary Report Activity Confirmation

The NRC staff will be using the Summary of Mitsubishi Electric Total Advanced Control (MELTAC) Platform VV [] to confirm that selected Verification and Validation (V&V) activities have been successfully performed and adequately documented. The NRC staff requests that MELCO prepare a presentation of how the V&V Phase for Testing activities were performed and documented. Figure 1, "MELTAC Platform Documentation Tree shows the V&V Phase for Testing as the final V&V activity performed at completion of product development. For the purposes of this presentation MELCO should concentrate on the Integration Test activities performed as delineated in [.]

The NRC Staff will then select another V&V category and will perform an independent assessment of associated documentation of completed V&V activities for the MELTAC platform.

Selected Anomaly Reporting and Resolution Process Evaluation

The NRC staff selected the following Anomaly report to discuss during the audit and requests that MELCO be prepared to discuss the details of the findings reported in this anomaly report and to answer questions the NRC staff has on the associated resolution activities.

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The NRC staff will then select at least one additional Anomaly report to review independently and will assess the adequacy of the resolution activities.

In addition, the NRC requests to have two Japanese – English interpreters present to facilitate our interviews, discussions and document reviews.