

April 6, 2012

ATTN: Document Control Desk
U.S. Nuclear Regulatory Commission
Washington, DC 20555-0001

Docket No. 99901410
MELCO Ref.: ARQ-11P002-A

Subject: Response to "Request for Additional Information (RAI)" regarding "the performance of burn-in tests for Mitsubishi Electric Total Advanced Controller (MELTAC) platform and the documentation of the results in the MELTAC Re-Evaluation Program (MRP) Report": Inspection Report No. 99901410/2011-202-01

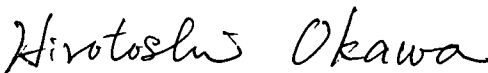
Reference: 1) "RAI" to MELCO dated March 14, 2012
2) MELCO Response to NRC, "Reply to Notice of Nonconformance No. 99901410/2011-202" dated February 22, 2012
3) "NRC INSPECTION REPORT NO.99901410/2011-202 AND NOTICE OF NONCONFORMANCE" to MELCO dated January 25, 2012

This letter is in response to the U.S. Nuclear Regulatory Commission "RAI" regarding "the performance of burn-in tests for MELTAC platform and the documentation of the results in the MRP Report" (Reference 1).

Enclosed is MELCO's response to RAI (Reference 1).

Should you have any questions, please contact me at +81-78-682-6634, e-mail to Okawa.Hirotochi@dn.MitsubishiElectric.co.jp or mail to the address listed below.

Sincerely,



Hirotochi Okawa,
Quality Assurance Manager
Energy Systems Center
Mitsubishi Electric Corporation
1-1-2 Wadasaki-cho, Hyogo-ku, Kobe, Hyogo, 652-8555, Japan

Enclosure:

1. Response to NRC RAI regarding the performance of burn-in tests for the MELTAC platform and the documentation of the results in the MRP Report

CC: Mr. Edward H. Roach, Chief
Construction Mechanical Vendor Branch,
Division of Construction Inspection and Operational Programs,
Office of New Reactors

Enclosure 1

Response to NRC RAI regarding the performance of burn-in tests for the MELTAC platform and the documentation of the results in the MRP Report

NRC RAI - 1

Will the revisions to the Energy Systems Center procedure(s) proposed by MELCO assure that each of the MELTAC components built for U.S. plants undergo a burn-in test for a specified period (based on industry standards), prior to performing the required functional and acceptance testing?

MELCO Response:

Yes, it will be assured by the revisions of applicable ESC Procedures and relevant work instructions that will require that a burn-in test be performed prior to the functional and acceptance testing and that the results (hours of burn-in) be documented in the Test Report.

NRC RAI - 2

How will the burn-in testing described in your Corrective Steps be documented?

MELCO Response:

The burn-in testing will be documented in the Test Specification, Test Instruction and Test Report, all of which shall be prepared and approved in accordance with the process specified by the applicable ESC Procedure.

NRC RAI - 3

What actions has MELCO taken to support the statement contained in the Corrective Steps, 2nd bullet, "Incorporate the above in the MRP Report?"

MELCO Response:

MELCO has determined to add the following to the appropriate section of the Table in the MRP Report:

- Since the Test Report of the MELTAC platform addressed in the MRP Report does not record the actual hours of burn-in, it is not possible to provide the objective evidence now.
- As a corrective step, MELCO issued the Corrective Action Request and Report (Document No. ARQ-11D015 Rev. C) to initiate the corrective action, in order to ensure performance of burn-in tests prior to the functional and acceptance testing as well as documentation of the results (hours of burn-in) in the future testing process for the US-APWR MELTAC platforms.
- Specifically, applicable ESC Procedures and relevant work instructions will be revised to require performance and documentation of the burn-in testing.

NRC RAI - 4

How has MELCO concluded that similar deficiencies do not exist in rest of the MRP report?

MELCO Response:

As a part of the corrective action, initiated by the Corrective Action Request and Report (Document No. ARQ-11D015 Rev. C), the MRP Report is being checked for any insufficient objective evidence such as interview results. If similar deficiencies are identified, appropriate corrective action will be taken.

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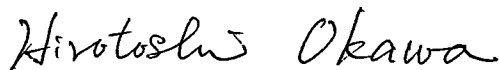
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