



FRDS - 0751

July 21, 2016
ARQ-16P002-A

Document Control Desk
U.S. Nuclear Regulatory Commission
11555 Rockville Pike
Rockville, MD 20852-2738

Attention: Mr. Joseph Holonich

SUBJECT: MELCO's response to the item No.1 for JEXU-1041-1025 "Summary of MELTAC Platform QA" of MELTAC Topical Report Revision 0 RAI#1 (TAC No.MF4882)

With this letter, Mitsubishi Electric Corporation (MELCO) submits the documents listed in the enclosures table below to the U.S. Nuclear Regulatory Commission (NRC).

Enclosed are the documents that make up the response to the item No.1 for JEXU-1041-1025 "Summary of MELTAC Platform QA" of MELTAC Topical Report Revision 0 RAI#1 (TAC No.MF4882). As indicated in the enclosed materials, these documents contain information that MELCO considers proprietary, and therefore should be withheld from public disclosure pursuant to 10 C.F.R 2.390 (a)(4) as trade secrets and commercial or financial information which is privileged or confidential.

The proprietary information contained within these documents is extensive and non-proprietary versions of these documents will not be prepared. The accompanying affidavit, Enclosure (1) sets forth the basis on which the information identified as proprietary should be withheld from public disclosure.

Sincerely,

Hideki Matsui

Hideki Matsui
QA Manager, Energy Systems Center
Mitsubishi Electric Corporation

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NRR

Enclosures:

No.	Document Number	Document Title	Date of Issue
1		Affidavit of Hideki Matsui	07/21/2016
2	JEXU-1041-2087	Response to Request for Additional Information	07/20/2016
3	PQG1-HD-21005	Audit report on MELTAC	04/22/2009
4	PQG1-HD-21021	Audit report of MELCO on January 28, 2010	01/28/2010
5	PQG-HD-22021	Audit report of MELCO on July 7, 2010	07/07/2010
6	UEQ-20130381 Rev.0	Audit report of vendor quality assurance program	06/19/2013
7	JEXU-1012-6321-C	Corrective action plan and Corrective action report for Finding 1 in PQG1-HD-21005	10/27/2010
8	JEXU-1012-6322-E	Corrective action plan and Corrective action report for Finding 2 in PQG1-HD-21005	10/27/2010
9	JEXU-1012-6323-D	Corrective action plan and Corrective action report for Finding 3 in PQG1-HD-21005	01/11/2011
10	JEXU-1012-6324-D	Corrective action plan and Corrective action report for Finding 4 in PQG1-HD-21005	10/27/2010
11	JEXU-1012-6324-E	Corrective action plan and Corrective action report for Finding 4 in PQG1-HD-21005	10/27/2010
12	ARQ-09Q003-C	Corrective action plan and Corrective action report for Finding 1 in PQG1-HD-21021	09/30/2010
13	ARQ-09Q004-C	Corrective action plan and Corrective action report for Finding 2 in PQG1-HD-21021	09/30/2010
14	ARQ-09Q005-C	Corrective action plan and Corrective action report for Finding 3 in PQG1-HD-21021	09/30/2010
15	ARQ-09Q006-C	Corrective action plan and Corrective action report for Finding 4 in PQG1-HD-21021	09/30/2010
16	ARQ-09Q007-C	Corrective action plan and Corrective action report for Finding 5 in PQG1-HD-21021	09/30/2010
17	ARQ-09Q008-C	Corrective action plan and Corrective action report for Finding 6 in PQG1-HD-21021	09/30/2010
18	ARQ-09Q009-C	Corrective action plan and Corrective action report for Finding 7 in PQG1-HD-21021	09/30/2010
19	ARQ-09Q010-C	Corrective action plan and Corrective action report for Finding 8 in PQG1-HD-21021	09/30/2010
20	ARQ-09Q011-D	Corrective action plan and Corrective action report for Finding 9 in PQG1-HD-21021	10/01/2010
21	ARQ-09Q012-C	Corrective action plan and Corrective action report for Finding 10 in PQG1-HD-21021	09/30/2010
22	ARQ-09Q013-C	Corrective action plan and Corrective action report for Finding 11 in PQG1-HD-21021	09/30/2010
23	ARQ-09Q014-C	Corrective action plan and Corrective action report for Finding 12 in PQG1-HD-21021	09/30/2010

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No.	Document Number	Document Title	Date of Issue
24	ARQ-10Q003-B	Corrective action plan and Corrective action report for Finding 1 in PQG-HD-22021	08/26/2011
25	ARQ-10Q004-C	Corrective action plan and Corrective action report for Finding 2 in PQG-HD-22021	06/23/2011
26	ARQ-10Q005-C	Corrective action plan and Corrective action report for Finding 3 in PQG-HD-22021	06/23/2011
27	ARQ-10Q006-C	Corrective action plan and Corrective action report for Finding 4 in PQG-HD-22021	08/26/2011
28	ARQ-10Q007-C	Corrective action plan and Corrective action report for Finding 5 in PQG-HD-22021	08/02/2011
29	ARQ-10Q008-B	Corrective action plan and Corrective action report for Finding 6 in PQG-HD-22021	12/02/2011
30	ARQ-10Q009-C	Corrective action plan and Corrective action report for Finding 7 in PQG-HD-22021	11/02/2011
31	ARQ-10Q010-B	Corrective action plan and Corrective action report for Finding 8 in PQG-HD-22021	06/23/2011
32	ARQ-10Q011-B	Corrective action plan and Corrective action report for Finding 9 in PQG-HD-22021	06/23/2011
33	ARQ-10Q012-C	Corrective action plan and Corrective action report for Finding 10 in PQG-HD-22021	06/23/2011
34	ARQ-13D002-A	Corrective action plan and report for Finding 1 in UEQ-20130381 Rev.0	01/28/2014
35	ARQ-13D003-A	Corrective action plan and report for Finding 2 in UEQ-20130381 Rev.0	02/25/2014
36	ARQ-13D004-A	Corrective action plan and report for Finding 3 in UEQ-20130381 Rev.0	01/28/2014
37	ARQ-13D005-A	Corrective action plan and report for Finding 4 in UEQ-20130381 Rev.0	01/28/2014

CC: Gilbert W. Remley
Nuclear Systems Department Manager
Mitsubishi Electric Power Products, Inc

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Letter_Submittal of existing Audit Report and CARs_20160721 3 Pages

Affidavit for QA-RAI-1_20160721 3 Pages

JEXU-1041-2087_Response to QA-RAI-1 3 Pages

ENCLOSURES

- #1 PQG1-HD-21005 85 Pages
 - #2 PQG1-HD-21021 61 Pages

 - #3 PQG-HD-22021 74 Pages
 - #4 UEQ-20130381 15 Pages

 - #5 JEXU-1012-6321-C 33 Pages
 - #6 JEXU-1012-6322-E 12 Pages

 - #7 JEXU-1012-6323-D 22 Pages
 - #8 JEXU-1012-6324-D 16 Pages

 - #9 JEXU-1012-6324-E 20 Pages
 - #10 ARQ-09Q003-C 7 Pages

 - #11 ARQ-09Q004-C 6 Pages
 - #12 ARQ-09Q005-C 12 Pages

 - #13 ARQ-09Q006-C 9 Pages
 - #14 ARQ-09Q007-C 12 Pages

 - #15 ARQ-09Q008-C 12 Pages
 - #16 ARQ-09Q009-C 9 Pages

 - #17 ARQ-09Q010-C 23 Pages
 - #18 ARQ-09Q011-D 64 Pages

 - #19 ARQ-09Q012-C 7 Pages
 - #20 ARQ-09Q013-C 8 Pages

 - #21 ARQ-09Q014-C 8 Pages
 - #22 ARQ-10Q003-B 11 Pages

 - #23 ARQ-10Q004-C 5 Pages
 - #24 ARQ-10Q005-C 14 Pages

 - #25 ARQ-10Q006-C 12 Pages
 - #26 ARQ-10Q007-C 13 Pages

 - #27 ARQ-10Q008-B 31 Pages
 - #28 ARQ-10Q009-C 63 Pages

 - #29 ARQ-10Q010-B 4 Pages
 - #30 ARQ-10Q011-B 8 Pages

 - #31 ARQ-10Q012-C 62 Pages
 - #32 ARQ-13D002-A 40 Pages

 - #33 ARQ-13D003-A 87 Pages
 - #34 ARQ-13D004-A 115 Pages

 - # 35 ARQ-13D005-A 9 Pages
- END

Please direct questions about this submittal to:



KEN KRAYVO

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ENCLOSURE 1

MITSUBISHI ELECTRIC CORPORATION

AFFIDAVIT

I, Hideki Matsui, state as follows:

1. I am the QA Manager, Energy Systems Center, of Mitsubishi Electric Corporation ("MELCO"), and have been delegated the function of reviewing MELCO's digital platform documentation to determine whether it contains information that should be withheld from public disclosure pursuant to 10 C.F.R. § 2.390 (a)(4) as trade secrets and commercial or financial information which is privileged or confidential.
2. ~~In accordance with my responsibilities, I have reviewed~~ the enclosed the audit reports of audit based on U.S. Nuclear Regulations conducted by MHI and the corrective action reports for each finding by MELCO (refer to attached Document List), and have determined that portions of the document contain proprietary information that should be withheld from public disclosure. Those pages containing proprietary information are identified with the label "Proprietary" on the top of the page and the proprietary information has been bracketed with an open and closed bracket as shown here "[]". The first page of the document indicates that all information identified as "Proprietary" should be withheld from public disclosure pursuant to 10 C.F.R. § 2.390 (a)(4).
3. The information identified as proprietary in the enclosed document has in the past been, and will continue to be, held in confidence by MELCO and its disclosure outside the company is limited to regulatory bodies, customers and potential customers, and their agents, suppliers, and licensees, and others with a legitimate need for the information, and is always subject to suitable measures to protect it from unauthorized use or disclosure.
4. The basis for holding the referenced information confidential is that it describes the hardware and software information for the digital platform "MELTAC", developed by MELCO and not used in the exact form by any of MELCO's competitors. This information was developed at significant cost to MELCO, since it required research development and detailed design for its software and hardware extending over several years.
5. The referenced information is being furnished to the Nuclear Regulatory Commission ("NRC") in confidence and solely for the purpose of information to the NRC staff.
6. The referenced information is not available in public sources and could not be gathered readily from other publicly available information. Other than through the provisions in paragraph 3 above, MELCO knows of no way the information could be lawfully acquired by organizations or individuals outside of MELCO.

7. Public disclosure of the referenced information would assist competitors of MELCO in their design of nuclear power plants without incurring the costs or risks associated with the design and testing of the subject systems. Therefore, disclosure of the information contained in the referenced document would have the following negative impacts on the competitive position of MELCO in the nuclear plant market:
 - A. Loss of competitive advantage due to the costs associated with development and testing for MELTAC. Providing public access to such information permits competitors to duplicate or mimic MELTAC design without incurring the associated costs.
 - B. Loss of competitive advantage created by benefits of enhanced plant safety, and reduced operation and maintenance costs associated with MELTAC, for nuclear power plants.

I declare under penalty of perjury that the foregoing affidavit and the matters stated therein are true and correct to the best of my knowledge, information and belief.

Executed on this 21th day of July, 2016.

Hideki Matsui

Hideki Matsui
QA Manager, Energy Systems Center
Mitsubishi Electric Corporation

Attachment to Affidavit (1/1)

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1	PQG1-HD-21005	Audit report on MELTAC	04/22/2009
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End of list.			