

No. TOS-CR-FPG-2018-0001  
June 19, 2018

NRC Project Number: PROJ0729

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Office of Nuclear Reactor Regulation  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555-0001

Reference: NRC Letter Dated December 20, 2017: Document Quality Supporting Topical Report. "Licensing Topical Report for Toshiba NRW-FPGA-Based Instrumentation and Control system for Safety-Related Application," UTLA 0020P, Revision 0 and Review Status (CAC No. ME9861; EPID: L-2012-TOP-0003).

Subject: **Toshiba Response to the NRC Letter Dated December 20, 2017 (Docket No. 99902036)**

Dear Mr. Holonich,

Toshiba conducted an Extent of Condition Review of Toshiba documents associated with the NRC review of the Topical Report referenced above for quality of our submittals. Toshiba prepared "Document Review Report, E2-2018-000531, Rev.2," and put this report on the Toshiba Portal on June 18, 2018. This report summarizes the scope of the review, the results of the review, and the key updates in Toshiba documents. Toshiba considers that no issues were found that impact the results of either the IV&V or the Equipment Qualification Test, and no issues were found that impact the hardware or programmable logic in either the PRM or OPRM. However, the review revealed that Toshiba requires to update the information provided in NRC correspondence and to update the inconsistent information in several key documents to improve the quality of our submittals. These updates encompass the following documents. The new revisions of these documents have been prepared and will be available for the NRC on Toshiba Portal within a few days upon NRC concurrence.

- a. Toshiba response to RAI3, Toshiba Document E2-2017-000812 Rev. 1
- b. Qualification Test Summary Report (QTSR) (FPG-TRT-C51-0101) Rev.3
- c. LTR-II (UTLR-0020P Part II) Rev.4
- d. LTR-III (UTLR-0020P Part III) Rev.3
- e. LTR-IV (includes Table IV-4-1) (UTLR-0020P Part IV) Rev.3
- f. Equipment Requirement Specification (FPG-RQS-C51-0001) Rev.8
- g. Equipment Design Specification (FC51-3002-1000) Rev.6
- h. OPRM Equipment Qualification Test Plan (FC51-7012-1000) Rev.3

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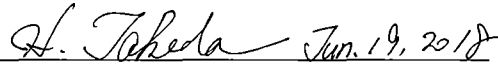
- i. PRM Master Test Plan (FPG-PLN-C51-0005) Rev.5
- j. Availability/Reliability Analysis Report (FPG-TRT-C51-0002) Rev.1 (for PRM)
- k. Availability/Reliability Analysis Report (FC51-3809-1000) Rev.2 (for OPRM)

We believe we have done an intensive review and implemented appropriate corrective actions, and request that NRC review the Document Review Report, E2-2018-000531, Rev.2, and let us know of any questions, comments or further actions deemed necessary.

If the NRC has any requests and/or questions, please contact with Jim Powers at 704-548-7910 or by electronic mail at Jim.Powers@toshiba.com.

This letter does not have any proprietary information and can be made public.

Sincerely,

 Jun. 19, 2018

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