

April 3, 2017

James Powers  
Vice President, Nuclear Island & Business Development  
Toshiba America Energy Systems Corporation  
3545 Whitehall Park Drive  
Suite 500  
Charlotte, NC 28273

SUBJECT: PROPRIETARY REGULATORY AUDIT REPORT FOR MAY 16-20, 2016, TOSHIBA "LICENSING TOPICAL REPORT FOR TOSHIBA NRW [NON RE-WRITABLE]-FPGA [FIELD PROGRAMMABLE GATE ARRAY]-BASED INSTRUMENTATION AND CONTROL SYSTEM FOR SAFETY-RELATED APPLICATION," UTLA 0020P, REVISION 2 (TAC NO. ME9861)

Dear Mr. Powers:

By letter dated February 23, 2015, Toshiba Corporation (Toshiba) submitted Revision 2 to "Licensing Topical Report For Toshiba NRW-FPGA-Based Instrumentation And Control System For Safety-Related Application" (Agencywide Documents Access and Management System Accession No. ML15062A183). The topical report (TR) is supported by documentation that includes plans, requirements, design specifications, programming and hardware testing, independent verification and validation, and equipment qualification testing.

From May 16, 2016, through May 20, 2016, the U.S. Nuclear Regulatory Commission (NRC) staff performed a regulatory audit at the Toshiba facilities in Japan. The audit was conducted to support the NRC staff evaluation of the Toshiba TR.

The purpose of this letter is to provide Toshiba with the proprietary results of the regulatory audit. Documented in the report are the observations the NRC staff identified during the audit.

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J. Powers

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If you have any questions regarding this matter, I may be reached at 301-415-7297 or by electronic mail at [Joseph.Holonich@nrc.gov](mailto:Joseph.Holonich@nrc.gov).

Sincerely,

*/RA/*

Joseph J. Holonich, Senior Project Manager  
Licensing Processes Branch  
Division of Policy and Rulemaking  
Office of Nuclear Reactor Regulation

Project No. 729

Enclosure:  
As stated

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