

July 17, 2012

MEMORANDUM TO: John R. Jolicoeur, Chief
Licensing Processes Branch
Division of Policy and Rulemaking
Office of Nuclear Reactor Regulation

FROM: Jonathan G. Rowley, Project Manager */RA/*
Licensing Processes Branch
Division of Policy and Rulemaking
Office of Nuclear Reactor Regulation

SUBJECT: SUMMARY OF JUNE 19, 2012, MEETING WITH TOSHIBA
CORPORATION REGARDING THE ACCEPTANCE REVIEW STATUS
AND PATH FORWARD OF THE TOPICAL REPORT FOR TOSHIBA
FPGA-BASED SAFETY RELATED INSTRUMENTATION AND
CONTROL SYSTEMS, REVISION 0

On June 19, 2012, a closed meeting was held between the U.S. Nuclear Regulatory Commission (NRC) staff and representatives of Toshiba Corporation (Toshiba). The purpose of the meeting was to candidly discuss the potential issues the NRC staff found that could affect the acceptance of the Topical Report (TR) for Toshiba FPGA-based safety related instrumentation and control systems, Revision 0, and to discuss the path forward options.

The NRC staff provided detailed explanations for the following issues of concern to the Toshiba representatives:

- Referencing unapproved TRs
- Proprietary markings
- Definition of product scope
- Sufficiency of information

The NRC staff provided detailed explanations for the following path forward options:

- Withdraw and resubmit the TR
- Non-acceptance with an opportunity to supplement
- Non-acceptance without an opportunity to supplement

Following lengthy discussions, the Toshiba representatives indicated that all the issues and the options were clearly understood. The Toshiba representatives stated that a formal letter would be submitted to the NRC indicating the selected option.

J. Jolicoeur

- 2 -

A list of attendees is enclosed. The slide presentations presented by the NRC staff and the Toshiba representatives can be found in the ADAMS at Accession Numbers ML12192A063 and ML12187A170, respectively.

Project No. 729

Enclosure:
List of Attendees

J. Jolicoeur

- 2 -

A list of attendees is enclosed. The slide presentations presented by the NRC staff and the Toshiba representatives can be found in the ADAMS at Accession Numbers ML12192A063 and ML12187A170, respectively.

Project No. 729

Enclosure:
List of Attendees

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ADAMS Accession Nos.: ML12195A345; Pkg.: ML12198A490; Notice: ML12157A519;
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NRR-106

OFFICE	PLPB/PM	PLPB/LA	PLPB/BC	PLPB/PM
NAME	JRowley	DBaxley	JJolicoeur	JRowley
DATE	7/17/2012	7/17/2012	7/17/2012	7/17/2012

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List of Attendees

**Closed Meeting with Toshiba Corporation
to Discuss the Acceptance Review Status and Path Forward for
Topical Report for Toshiba FPGA-Based Safety Related
Instrumentation and Control Systems, Revision 0**

June 19, 2012

Name	Organization
Jonathan Rowley	U.S. Nuclear Regulatory Commission
David Rahn	U.S. Nuclear Regulatory Commission
Stephen Wyman	U.S. Nuclear Regulatory Commission
John Thorp	U.S. Nuclear Regulatory Commission
Royce Beacom	U.S. Nuclear Regulatory Commission
Norbert Carte	U.S. Nuclear Regulatory Commission
Akira Fukumoto	Toshiba Corporation
Shigeru Suzuki	Toshiba America Nuclear Energy Corp.
David Herrell	MPR Associates
Robert Schrauder	Toshiba America Nuclear Energy Corp.
Naotaka Oda	Toshiba Corporation
Craig Swanner	MPR Associates

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