

IM-L-2004-002
January 28, 2004

Document Control Desk, Mail Stop 07E1
United States Nuclear Regulatory Commission
11555 Rockville Pike
Rockville, MD 20852

Subject: Toshiba NRW-FPGA-Based Controller Qualification Topical Report Project
NRC Presentation Material, Toshiba Corporation Proprietary Information

Reference: NRC Project No. 729; NRC Docket No. 00000729; NRC TAC No. MC1776


Gentlemen:

This letter submits the Toshiba presentation material for a meeting at the NRC offices on February 18, 2004 where Toshiba will discuss their qualification program for NRW-FPGA-based control systems. Enclosed you will find 2 (two) copies of IM-2004-001-P, "Toshiba Corporation Generic Qualification Program for FPGA-Based Safety-Related I&C Systems (Proprietary Version)" dated February, 2004, and 2 (two) copies of IM-2004-001-NP, "Toshiba Corporation Generic Qualification Program for FPGA-Based Safety-Related I&C Systems (Non-Proprietary Version)" dated February, 2004.

Please note we are providing both proprietary and non-proprietary versions of the presentation. The attached affidavit, prepared in accordance with 10CFR Part 2.790(b) and endorsed by an officer of Toshiba Corporation, identifies the proprietary version of the presentation as Toshiba proprietary material and requests the NRC to withhold this document from public review. We also request the NRC to close a portion of the upcoming meeting to the public.

Should you have any questions regarding these documents, please contact me at +81-45-770-2188 or Mr. Horiguch, Toshiba International Corporation at (212) 596-0669 or Mr. J. Douglas Hill, the MPR Associates Project Manager at (703) 519-0200.

Sincerely,



Naotaka Oda
Senior Specialist
Control & Electrical Engineering Dept.
Industrial Power Systems & Services Company
TOSHIBA CORPORATION

cc: Mr. G. Shukla, USNRC

**Attachment 1 to Toshiba Letter to NRC Dated January 28, 2004
(re: Proprietary Information)**

Request For Withholding From Public Disclosure & Affidavit

Enclosures to this Letter include the documents listed below, which specifically apply to the Toshiba Nuclear Qualification Project. Those documents identified as "**Proprietary Version**" under the Document Description are specifically designated as "TOSHIBA PROPRIETARY."

In accordance with 10 CFR Part 2.790(b), it is requested that proprietary documents be withheld in their entirety from public disclosure on the basis of Part 2.790(a)(4). Proprietary documents describe the details of Toshiba's equipment which will be undergoing 1E qualification testing and further describe the Toshiba approach and procedures for implementing a program to qualify the equipment. The Toshiba Corporation has expended a considerable amount of its resources to develop and qualify the Toshiba NRM-FPGA controller as a highly reliable system for providing digital upgrades to aging nuclear power plant I&C systems. Disclosure of information in the proprietary documents would cause substantial harm to the competitive position of the Toshiba Corporation, as there are other competing companies who have or wish to qualify controllers for safety-related application in nuclear power plants. Competing firms could use this information to benefit their own equipment qualification efforts and/or product design.

I certify under penalty of perjury that the foregoing is true and correct.

Signed:

S. Kawakami
Seishiro Kawakami
Senior Manager
Control & Electrical Engineering Dept.
Industrial Power Systems & Services Company
TOSHIBA CORPORATION

Jan. 28, 2004
Date

**Attachment 1 to Toshiba Letter to NRC Dated January 28, 2004
(re: Proprietary Information)**

DOCUMENTS ENCLOSED

<u>Item</u>	<u>Document Description</u>	<u>Document Number</u>	<u>Rev</u>
1.	Toshiba Corporation Generic Qualification Program for FPGA-Based Safety-Related I&C Systems (Proprietary Version, to be withheld from public disclosure per 2.790)	IM-2004-001-P	0
2.	Toshiba Corporation Generic Qualification Program for FPGA-Based Safety-Related I&C Systems (Non-Proprietary Version)	IM-2004-001-NP	0

Attachment 2 to Toshiba Letter to NRC dated January 28, 2004

Affirmation of Affidavit

I, Seishiro Kawakami, being duly sworn upon oath I am a Senior Manager of Control & Electrical Engineering Dept. of Toshiba Corporation, Industrial Power Systems & Services Company on whose behalf I am authorized to attest that the contents of the documents listed in Attachment 1 of this letter are true and correct to the best of my knowledge and belief.

Toshiba Corporation

By: *S. Kawakami*
Seishiro Kawakami, Senior Manager



Registered No. 0080

NOTARIAL CERTIFICATE

This is to certify that SEISHIRO KAWAKAMI has stated in my very presence that the signature on the attached document is his own .

Dated this 29th day of January, 2004



Ko Ito

KO ITO

Notary

1-1-1 Shimbashi, Minato-ku, Tokyo, Japan
Tokyo Legal Affairs Bureau.

平成16年登簿第 0080 号

認 証

添付書面の作成者である 株式会社東芝 電力システム社 磯子エンジニアリングセンター 原子力電気計装設計部 部長 川上 誠志郎 は、本職に対し、その署名を自認する旨、陳述した。

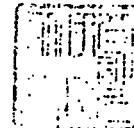
よって、これを認証する。
平成16年 1 月 29 日、本公証人役場において
東京都港区新橋 1 丁目 1 番 1 号

東京法務局所属

公 証 人
Notary

伊藤 剛

K O I T O



証 明

上記署名は、東京法務局所属公証人の署名に相違ないものであり、かつ、その押印は、
真実のものであることを証明する。

平成16年 1 月 29 日

東京法務局長

石井政治

APOSTILLE

(Convention de La Haye du 5 octobre 1961)

1. Country: JAPAN

This public document

2. has been signed by K O I T O

3. acting in the capacity of Notary of the Tokyo Legal Affairs Bureau

4. bears the seal/stamp of

Certified

5. at Tokyo

6. 1/29/2004

7. by the Ministry of Foreign Affairs

8. 04- NO 009065

9. Seal/stamp:

10. Signature

Shinichi HAGIWARA
For the Minister for Foreign Affairs