

TOSHIBA CORPORATION

72-34, HORIKAWA-CHO, SAIWAI-KU, KAWASAKI, 212-8585, JAPAN
PHONE: +81-44-331-0535
FACSIMILE: +81-44-548-9505

TOS-CR-DCA-2015-0001
May 25, 2015

ATTN: Document Control Desk
U.S. Nuclear Regulatory Commission
Washington, DC 20555-0001

Docket Number 52-044

Subject: Submittal of Response to NRC Request for Additional Information Letter Number 1
related to Chapter 6 for Toshiba Advanced Boiling Water Reactor Design Certification
Rule Renewal Application

References:

1. Letter to U.S. Nuclear Regulatory Commission (NRC) Document Control Desk from Keisuke Kitsukawa, Technology Executive, Light Water Reactor Systems, Toshiba Corporation Power Systems Company dated October 27, 2010 (ML103080158)
2. Letter to NRC Document Control Desk from Keisuke Kitsukawa, Technology Executive, Light Water Reactor Systems, Toshiba Corporation Power Systems Company dated June 22, 2012 (ML12187A585)
3. Letter from David B. Matthews, Director – Division of New Reactor Licensing, NRC Office of New Reactors, to Kiyoshi Okamura, Vice President, Nuclear Energy Systems & Services Division, Toshiba Corporation Power Systems Company, dated October 22, 2012 (ML12215A460)
4. Letter to NRC Document Control Desk from Kiyoshi Okamura, Vice President Nuclear Energy Systems & Services Division, Toshiba Corporation Power Systems Company dated December 14, 2012 (ML12355A030)
5. Letter from David B. Matthews, Director – Division of New Reactor Licensing, NRC Office of New Reactors, to Kiyoshi Okamura, Vice President, Nuclear Energy Systems & Services

Division, Toshiba Corporation Power Systems Company, dated January 31, 2013
(ML13018A025)

6. Letter to NRC Document Control Desk from Keisuke Kitsukawa, Technology Executive, Light Water Reactor Systems, Toshiba Corporation Power Systems Company dated December 13, 2013 (ML14010A276)
7. Letter from Adrian Muñiz, Project Manager – Division of New Reactors Licensing, NRC Office of New Reactors, to Kiyoshi Okamura, Vice President, Nuclear Energy Systems & Services Division, Toshiba Corporation Power Systems Company, dated April 29, 2015 (ML15110A121)

On October 27, 2010, Toshiba submitted an application (Reference 1) to renew the 10 CFR Part 52 Advanced Boiling Water Reactor (ABWR) design certification rule issued in May 1997. Toshiba submitted Revision 1 to the Design Certification renewal application by letter dated June 22, 2012 (Reference 2) that incorporated the Aircraft Impact Assessment Amendment, included information from the NRC's Draft Guidance on Design Certification renewal applications, and made additional amendments based on proven design improvements implemented in Japan.

By letter dated October 22, 2012 (Reference 3) the NRC requested that Toshiba consider certain additions to the application. Toshiba responded to this request by letter dated December 14, 2012 (Reference 4) providing its plans for considering these additions in the preparation of Revision 2 of the application. In its response, Toshiba also requested that the NRC not commence its review until Toshiba had submitted Revision 2 of the application in order to avoid duplicated reviews.

By letter dated January 31, 2013 (Reference 5) the NRC agreed to recommence its review after Revision 2 of the application was submitted. Toshiba later informed the NRC of its plans by letter dated December 13, 2013 (Reference 6) to submit Revision 2 no sooner than the second quarter of 2016 and again requested that the NRC postpone its review of the application until after submittal of Revision 2.

On April 9, 2015, the NRC staff discussed with Toshiba its plans to commence review of Revision 1 of the application and to begin issuing Requests for Additional Information (RAIs). During this discussion, Toshiba reiterated to the NRC staff that Toshiba's situation has not changed since the issuance of the December 13, 2013 letter (Reference 6) and that Toshiba's resource focus at this time was on supporting the safe restart of the Japanese nuclear power plants which would continue at least throughout 2015. Additionally, Toshiba explained that its budget for fiscal year 2015 had already been established and it did not include funding for responding to NRC RAIs or the application's NRC review fees. Nonetheless, the NRC staff stated its plans to commence issuing the RAIs, however, if Toshiba could not respond to the specific technical aspects of the

RAIs at this time it could provide the NRC with a letter providing a scheduled response date in order to assist the NRC staff in planning the allocation of its resources for the balance of 2015 and 2016.

By letter dated April 29, 2015 (Reference 7) the NRC issued Request for Additional Information Letter Number 1. Based on the above discussion held with the NRC staff on April 9, 2015, Toshiba respectively informs the NRC that Toshiba will commence responding to RAIs by July 1, 2016. Toshiba also requests that the NRC staff postpone further review of the application until that time.

Please contact Mr. Robert W. Schrauder, Vice President – Licensing, US ABWR Projects & Technologies, Toshiba America Nuclear Energy Corporation (“TANE”) at (704) 548-7640 if you have any questions regarding this letter. TANE is a wholly owned U.S. subsidiary of Toshiba. For convenience, Toshiba has authorized TANE to communicate with the NRC with respect to this application.

Sincerely,

A handwritten signature in dark ink, appearing to read 'Kenji Arai', is written over a horizontal line.

Kenji Arai
Senior Fellow
Nuclear Energy Systems & Services Division
Toshiba Corporation Power Systems Company

Contact Information:

Mr. Robert W. Schrauder
Vice President – Licensing
US ABWR Projects & Technologies
Toshiba America Nuclear Energy Corporation
3545 Whitehall Park Drive, Suite 500
Charlotte, NC 28273

Robert.Schrauder@toshiba.com
(704) 548-7640
Facsimile: (704) 548-7701

cc: (electronic copies)

Glenn M. Tracy
Frank M. Akstulewicz
Renaldo Jenkins
Adrian Muñiz
U. S. Nuclear Regulatory Commission

Kenji Arai
Masahiro Horiguchi
Yuji Yamamoto
Masahiro Ookawa
Yuya Aoyagi
Toshiba Corporation

Richard DiSalvo
Robert W. Schrauder
Robert Temple
Dale R. Wuokko
Chikako Ogura
Toshiba America Nuclear Energy

Daniel F. Stenger
Hogan Lovells US LLP