

TOSHIBA CORPORATION

1-1, SHIBAURA 1-CHOME, MINATO-KU TOKYO 105-8001, JAPAN

TOS-CR-4S-2008-0003
Project Number 0760

June 30, 2008

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

Subject: Submittal of Technical Report "Long-Life Metallic Fuel for the Super-Safe, Small and Simple (4S) Reactor" (Non-Proprietary)

Enclosed is a copy of the non-proprietary Technical Report "Long Life Metallic Fuel for the Super-Safe, Small and Simple (4S) Reactor". The 4S reactor plant is currently the subject of a pre-application review among NRC, Toshiba, and its 4S affiliates including Japan's Central Research Institute for Electric Power Industry (CRIEPI).

Toshiba is submitting this technical report for NRC review and comment, but is not requesting a formal safety Evaluation Report.

The pre-application review for the 4S reactor commenced in the fourth quarter of 2007. Pre-application review meetings were held among NRC, Toshiba and the 4S affiliates in October 2007, February and May 2008. A fourth meeting is planned for August 2008.

Additional technical reports pertaining to the 4S design will be submitted as the pre-application review progresses. If you have any questions regarding this document, please contact Mr. Tony Greci of Westinghouse at (412) 374-3619, or grecit@westinghouse.com.

Very truly yours,



Koichiro Oshima

Senior Manager, Plant Project Engineering Department
Nuclear Energy Systems & Services Division, Power Systems Company
Toshiba Corporation

Enclosures: Technical Report 'Long-Life metallic Fuel for The Super-Safe Small and Simple (4S) reactor'

cc: Don Carlson (NRO/DNRL)
Nobuyuki Ueda (CRIEPI)
Tony Greci (Westinghouse)
Jim Gresham (Westinghouse)
Abdellatif M. Yacout (Argonne National Laboratory)

D079
NRD