

February 7, 2008

MEMORANDUM TO: John R. Jolicoeur, Chief  
New and Advanced Reactors Branch  
Division of Systems Analysis  
Office of Nuclear Regulatory Research

William D. Reckley, Chief */RA/*  
Rulemaking, Guidance and Advanced Reactors Branch  
Division of New Reactor Licensing  
Office of New Reactors

FROM: Donald E. Carlson, Senior Research Engineer */RA/*  
New and Advanced Reactors Branch  
Division of Systems Analysis  
Office of Nuclear Regulatory Research

SUBJECT: NOTICE OF PRE-APPLICATION REVIEW MEETING WITH TOSHIBA  
CORPORATION (TOSHIBA) ON LONG-LIFE METALLIC FUEL FOR  
THE "SUPER-SAFE, SMALL, AND SIMPLE" (4S) REACTOR DESIGN

DATE AND TIME: Thursday, February 21, 2008  
9:00 a.m. – 3:45 p.m. Eastern Standard Time

LOCATION: U.S. Nuclear Regulatory Commission  
Two White Flint North, Room T-2B3  
11545 Rockville Pike  
Rockville, Maryland 20852

PURPOSE: To further familiarize NRC staff with the 4S design and provide detailed  
information on its long-life metallic fuel. This is the first of a series of  
technical meetings requested by Toshiba during the 4S design approval  
pre-application review kickoff meeting of October 23, 2007.

CATEGORY 1:\* This is a Category 1 Meeting: The public is invited to observe this meeting  
and will have one or more opportunities to communicate with the NRC  
after the business portion, but before the meeting is adjourned.

CONTACT: Donald E. Carlson, NRO/DNRL  
301-415-0109, e-mail: dec1@nrc.gov

PARTICIPANTS: Representatives from Toshiba and its 4S affiliates, including Japan's  
Central Research Institute for Electric Power Industry (CRIEPI), and staff  
from the Nuclear Regulatory Commission's (NRC) offices of New  
Reactors (NRO) and Nuclear Regulatory Research (RES)

NRC

D. Carlson, NRO  
W. Reckley, NRO  
J. Jolicoeur, RES  
et al.

TOSHIBA AND 4S AFFILIATES

N. Handa (Toshiba)	T. Greci (Westinghouse)
A. Minato (CRIEPI)	A. Yacout (Argonne National Lab)
et al.	et al.

ADDITIONAL INFORMATION:

Members of the public planning to attend the meeting should contact Donald Carlson and provide information, including name, organization, country of origin, and expected arrival time, that will facilitate entrance into the building the day of the meeting.

**Interested members of the public can participate in this meeting via a toll-free teleconference. Those planning to participate via teleconference should contact Dr. Carlson for details.**

The NRC provides reasonable accommodation to individuals with disabilities where appropriate. If you need a reasonable accommodation to participate in this meeting, or need this meeting notice or the transcript or other information from the meeting in another format (e.g. braille, large print), please notify the NRC's meeting coordinator. Determinations on requests for reasonable accommodation will be made on a case-by-case basis.

Project No. 0760

Enclosure: Meeting Agenda

cc: See list.

NRC

D. Carlson, NRO  
 W. Reckley, NRO  
 J. Jolicoeur, RES  
 et al.

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Enclosure: Meeting Agenda

cc: See list.

Distribution: See Next Page

\* Commission's Policy Statement on "Enhancing Public Participation in NRC Meetings," 67 Federal Register 36920, May 28, 2002

Notice-2<sup>nd</sup>-Meeting-Toshiba-4S.doc

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## MEETING AGENDA

### PRE-APPLICATION REVIEW MEETING WITH TOSHIBA CORPORATION ON LONG-LIFE METALLIC FUEL FOR THE "SUPER-SAFE, SMALL, AND SIMPLE" (4S) REACTOR DESIGN

9:00 AM, THURSDAY  
FEBRUARY 21, 2008  
NRC HEADQUARTERS (ROOM T-2B3)

9:00 – 9:30	Introduction and Opening Remarks (30 min)	NRC
9:30 – 10:30	4S System Design Familiarization (60 min)	Toshiba
10:30 – 10:45	Break	
10:45 – 11:45	Long-Life Metallic Fuel (60 min)	Toshiba
11:45 – 12:45	Lunch	
12:45 – 1:45	Long-Life Metallic Fuel (Cont.) (60 min)	Toshiba
1:45 – 2:30	Discussion (45 min)	All
2:30 – 2:45	Break	
2:45 – 3:30	Discussion and Next Steps (45 min)	All
3:30 – 3:45	Opportunity for Public Comment (15 min)	Public
3:45	Adjourn	

This is the first of a series of technical meetings proposed by Toshiba at the October 23, 2007, meeting on Toshiba's request for NRC pre-application review of the 4S design. A summary of that meeting is available at accession number ML073090028 in the NRC's Agencywide Documents Access and Management System (ADAMS, <http://www.nrc.gov/reading-rm/adams/web-based.html>).