

August 18, 2014

MEMORANDUM TO: Anthony Hsia, Deputy Director
Division of Spent Fuel Storage and Transportation
Office of Nuclear Material Safety
and Safeguards

FROM: John Goshen, P.E., Project Manager /RA/
Licensing Branch
Division of Spent Fuel Storage and Transportation
Office of Nuclear Material Safety
and Safeguards

SUBJECT: SUMMARY OF JULY 17, 2014, MEETING WITH EXELON
CORPORATION TO DISCUSS REQUEST FOR ADDITIONAL
INFORMATION NO. 4 TO THE CALVERT CLIFFS INDEPENDENT
SPENT FUEL STORAGE INSTALLATION LICENSE RENEWAL
APPLICATION (TAC NO. L24475)

PURPOSE:

To provide Exelon Corporation (Exelon), the opportunity to discuss proposed responses to the U.S. Nuclear Regulatory Commission's (NRC's) request for additional information (RAI) No. 4 to the Calvert Cliffs (CC) independent spent fuel storage installation (ISFSI) license renewal application with the NRC staff (the staff).

MEETING SUMMARY:

This was a Category I meeting that took place on July 17, 2014, from 1:00 p.m. to 4:00 p.m., at the NRC's Three White Flint Building in Rockville, MD. Attendees included Exelon staff, staff from NRC's Division of Spent Fuel Storage and Transportation (SFST), and five members of the public. The attendance list is enclosed (Enclosure 1). The discussion generally followed the agenda (Enclosure 2) with introductions, introductory remarks by SFST staff and Exelon staff, and then moved to Exelon's presentation (Enclosure 3).

Exelon intends to submit the formal responses to RAI 4 to respond to the staff's questions on Exelon's aging management programs (AMPs) for long term storage and storage of high burnup fuel. Exelon intends to provide the submittal by August 27, 2014.

Following Exelon presentation there was dialogue between Exelon and the staff on Exelon's proposed revisions to the AMPs for the CC ISFSI. It was then decided by Exelon and the staff that the NRC staff did not need to discuss the NRC presentations as these had been presented at the July 24, and 25, 2014, meeting on license renewal. The NRC presentations are enclosed for reference purposes (Enclosure 4).

There were no questions from members of the public.

There was no proprietary information presented, and no regulatory decisions were made at the meeting.

If you have any questions or comments, please contact me at (301) 287-9250 or John.goshen@nrc.gov.

Docket No. : 72-08

TAC No. : L24475

Enclosures: As stated

There were no questions from members of the public.

There was no proprietary information presented, and no regulatory decisions were made at the meeting.

If you have any questions or comments, please contact me at (301) 287-9250 or John.goshen@nrc.gov.

Docket No. : 72-08

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Enclosures: As stated

DISTRIBUTION:

NRC attendees, Exelon Attendees, Members of the public, SFST Reading File

File location: G:\SFST\Calvert Cliffs ISFSI\License Renewal\7 17 14 meeting\Exelon 7 17 14 Mtg
Summary.doc

“ \ CC-ISFSI-RAI-071714Rev2.pptx
“ \ 2014-07-17 - Elements of an AMP CC ISFSI.pptx
“ \ 2014-07-17 Generic Concrete AMP CC ISFSI.pptx
“ \ Example AMP - SCC Rev 6 20140716.pptx
“ \ Fuel Performance and Cask Internals .pptx

ADAMS P8 Package

OFC:	SFST	SFST	SFST
NAME:	JGoshen	WWheatley	BWhite
DATE:	8/14/2014	8/ 15 /2014	8/ 18 /2014

OFFICIAL RECORD COPY

July 17, 2014
ATTENDANCE LIST

<u>Name</u>	<u>Affiliation</u>
Mark Lombard	NRC/SFST
Tony Hsia	NRC/SFST
Al Csontos	NRC/SFST
Darrell Dunn	NRC/SFST
Ricardo Torres	NRC/SFST
John Goshen	NRC/SFST
Bob Tripathi	NRC/SFST
Huda Akhavannik	NRC/SFST
Nate Jordon	NRC/SFST
Christian Araguas	NRC/SFST
Chris Allen	NRC/SFST
Joe Borowsky	NRC/SFST
Kris Banovac	NRC/SFST
Bob Einziger	NRC/SFST
David Tang	NRC/SFST
Jennifer Davis	NRC/SFST
Caylee Johanson	NRC/SFST
Gina Davis	NRC/SFST
Zhian Li	NRC/SFST
Angela Davis	NRC/OGC
Pam Cowan	Exelon
Ken Greene	Exelon
John Massari	Exelon
Heidi Valenti	Exelon
John Schrage	Exelon
James Woods	Exelon
Paul Gregory	Exelon
Tom Konerth	Exelon
Paul Robbins	Exelon
Brian Gutherman	Gutherman Technical Services
Rod McCullum	NEI
Kris Cummings	NEI
Sing Chu	AREVA
Jason Mantzouranis	AREVA
Andy Jung	AREVA
Don Shaw	AREVA
Yung Liu	Argonne National Laboratory
Z. Han	Argonne National Laboratory
Paul Plante	Maine Yankee
Terry Pickens	Excel Energy
John Scaglione	Oak Ridge National Laboratory
Richard Pinney	New Jersey Department of Envr. Prot.

Enclosure 1

Meeting Agenda

Meeting with Exelon Corporation
July 17, 2014
Room HQ-3WFN-1C03-32p

Purpose: To provide Exelon Corporation (Exelon), opportunity to discuss proposed responses to NRC request for information (RAI) No. 4 to the Calvert Cliffs (CC) independent spent fuel storage installation (ISFSI) license renewal application with the NRC staff (staff).

Agenda:

12:30 p.m. – 1:00 p.m.	Check-in (Security)
1:00 p.m. – 1:15 p.m.	Introductions, Review of Ground Rules, and Opening Remarks (Al Csontos, Branch Chief, SFST)
1:15 p.m. – 3:00 p.m.	Calvert Cliffs ISFSI LRA Discussion of RAIs (Exelon Staff)
3:00 p.m. – 3:10 p.m.	Break
3:10 p.m. – 3:45 p.m.	Example AMPs (presentations if necessary) Elements of Aging Management Programs (Ricardo Torres, Materials Engineer, SFST) Aging Management Program for Stress Corrosion Cracking (Darrell Dunn, Materials Engineer, SFST) Generic Concrete Aging Management Program (Ricardo Torres, Materials Engineer, SFST) Fuel Performance and Cask Internals (Robert Einziger, Senior Materials Engineer, SFST)
3:45 p.m. – 4:00 p.m.	Wrap-up
4:00 p.m.	Adjourn

Enclosure 2

**Calvert Cliffs ISFSI
License Renewal**

EXELON PRESENTATION

Discussion of Request for Additional Information

File Names : CC-ISFSI-RAI-071714Rev2.pptx

Enclosure 3

**Calvert Cliffs ISFSI
License Renewal**

NRC STAFF PRESENTATIONS

File Names:

2014-07-17 - Elements of an AMP CC ISFSI.pptx
2014-07-17 Generic Concrete AMP CC ISFSI.pptx
Example AMP - SCC Rev 6 20140716.pptx
Fuel Performance and Cask Internals .pptx

Enclosure 4