

**ADVISORY COMMITTEE ON REACTOR SAFEGUARDS  
APR1400 SUBCOMMITTEE BRIEFING  
KOREA HYDRO & NUCLEAR POWER CO. DESIGN CERTIFICATION APPLICATION  
April 17-18, 2018, ROCKVILLE, MD  
OPEN/CLOSED**

- Agenda -

Chairman of APR1400 Subcommittee: Professor Ronald Ballinger -  
Cognizant ACRS Staff/DFO: Christopher Brown (301-415-7111, [Christopher.Brown@nrc.gov](mailto:Christopher.Brown@nrc.gov))

TOPIC		PRESENTER	TIME
1	Opening Remarks & Objectives	Dr. Ronald Ballinger, ACRS	8:30 – 8:35 a.m.
2	Staff Opening Remarks	William Ward, NRO	8:35 – 8:40 a.m.
3	Chapter 15 Transient and Accident Analyses	KHNP – Woochong Chon	8:40 – 9:10 a.m.
4	Chapter 15 Transient and Accident Analyses	NRC – Shanlai Lu	9:10 – 10:00 a.m.
5	Section 2.5 – Geology, Seismology, and Geotechnical Engineering	KHNP – Youngchul Kwon	10:00 – 10:10 a.m.
6	Break		10:10 – 10:25 a.m.
7	Chapter 3 – Design of Structures, Systems, Components, and Equipment	KHNP – Geeseok Kim Youngchul Kwon	10:25 – 11:55 a.m.
8	Lunch		11:55 – 12:55 p.m.
9	Chapter 3 – Design of Structures, Systems, Components, and Equipment (3.7/3.8)	NRC/NRO – Jinsuo Nie Robert Roche-Rivera Vaughn Thomas Ata Istar	12:55 – 2:25 p.m.
10	Section 2.5 – Geology, Seismology, and Geotechnical Engineering	NRC – David Heeszel	2:25 – 2:55 p.m.
11	Public Comments (Open)	ACRS/Public	2:55 – 3:10 p.m.
12	ACRS Discussion (Open)	ACRS Members	3:10 – 3:15 p.m.
13	Break		3:15 – 3:30 p.m.
14	<b>Closed</b> Large-Break Loss of Coolant Accident (Topical Report)	KHNP – Juhyun Park	3:30 – 4:30 p.m.
15	<b>Closed</b> Large-Break Loss of Coolant Accident (Topical Report)	NRC – James Gilmore	4:30 – 6:30 p.m.
16	Committee discussion	ACRS Members	6:30 – 6:35 p.m.
17	Adjourn		6:40 p.m.

**Day 2 – Wednesday, April 18, 2018**

TOPIC		PRESENTER	TIME
1	Opening Remarks & Objectives	Ronald Ballinger, ACRS	8:30 – 8:35 a.m.
2	Staff Opening Remarks	William Ward, NRO	8:35 – 8:40 a.m.
3	Chapter 3 – Design of Structures, Systems, Components, and Equipment (3.1-3.5, 3.13)	NRC - TBD	8:40 – 9:15 a.m.
4	Chapter 3 – Design of Structures, Systems, Components, and Equipment (3.6, 3.9-3.12)	NRC – Renee Li, NRO Eric Reichelt, NRO Tom Scarbrough, NRO Jorge Cintron-Rivera, NRR Edward Stutzcage, NRO Yuken Wong, NRO	9:15 – 10:45 a.m.
5	Break		10:45 – 11:00 a.m.
6	Chapter 7 – Instrumentation & Controls (Open)	NRC – Deanna Zhang?	11:00 – 11:30 a.m.
7	Public Comments (Open)	ACRS/Public	11:30 – 11:35 a.m.
8	ACRS Discussion (Open)	ACRS Members	11:35 – 11:45 a.m.
9	Lunch		11:45 – 12:45 p.m.
10	<b>Closed</b> Chapter 7 - Instrumentation & Controls	KHNP – Hangbae Kim Warren Odess-Gillet (Westinghouse)	12:45 – 2:45 p.m.
11	Break		2:45 – 3:00 p.m.
12	<b>Closed</b> Chapter 7 - Instrumentation & Controls	NRC – Deanna Zhang Joseph Ashcraft	3:00 – 5:30 p.m.
13	Committee discussion	ACRS Members	5:30 – 5:35 p.m.
14	Adjourn		5:40 p.m.

**Inputs:**

Chapter 15:	KHNP – 30 min	NRC – 45 min	
LBLOCA:	KHNP – 60 min	NRC – 120 min	(all closed for both)
Section 2.5:	KHNP – 10 min	NRC – 35 min	
Chapter 3:	KHNP – 90 min	NRC – 90 min (3.7/3.8)	
		NRC – 30 min (3.1-3.5, 3.13)	
		NRC – 90 min (3.6, 3.9-3.12)	
Chapter 7	KHNP – 120 min	NRC – 150 min	(all closed for both?)

Notes:

- During the meeting, use 301-415-7360 to contact anyone in the ACRS Office.
- Presentation time should not exceed 50 percent of the total time allocated for a given item. The remaining 50 percent of the time is reserved for discussion.
- Thirty five (35) hard copies of each presentation or handout should be provided to the Designated Federal Official (DFO) / ACRS Contact 30 minutes before the meeting.
- 10 full page colored copies for the ACRS members and the court reporter.
- One (1) electronic copy of each presentation should be e-mailed to the DFO / ACRS Contact 1 day before the meeting. If an electronic copy cannot be provided within this timeframe, presenters should provide the DFO / ACRS Contact with a CD containing each presentation at least 30 minutes before the meeting.
- A telephone bridge line 1-866-822-3032, pass code 8272423# has been established to allow members of the public and stakeholders to listen in to the open portion of the meeting. Such participants may ask questions at a designated time at the end of the meeting only.
- The Subcommittee chairman may decide to close the meeting to the public if sensitive unclassified information (proprietary, security, or personnel related) needs to be discussed.