

September 5, 2017

MEMORANDUM TO: Michael D. McCoppin, Chief
Licensing Branch 2
Division of New Reactor Licensing
Office of New Reactors

FROM: Cayetano Santos Jr., Project Manager */RA/*
Licensing Branch 2
Division of New Reactor Licensing
Office of New Reactors

SUBJECT: SUMMARY OF AUGUST 16, 2017, PUBLIC MEETING WITH
KOREA HYDRO AND NUCLEAR POWER CO. LTD. TO
DISCUSS TIER 2* INFORMATION AND HUMAN FACTORS
ENGINEERING TOPICS RELATED TO THE ADVANCED
POWER REACTOR 1400 DESIGN

On August 16, 2017, a Category 1 public meeting was held between the U.S. Nuclear Regulatory Commission (NRC) staff and Korea Hydro and Nuclear Power Co. Ltd. (KHNP) at the NRC offices in Rockville, Maryland. The meeting notice was posted on the NRC website and is also in the NRC's Agencywide Documents Access and Management System (ADAMS) under Accession Number ML17219A019. The notice included the meeting agenda.

The purpose of the meeting was to discuss the designation of Tier 2* information and human factors engineering (HFE) topics related to the Advanced Power Reactor 1400 (APR1400) design certification application that was submitted to the NRC on December 23, 2014, and formally accepted for review on March 5, 2015. The list of meeting participants is enclosed.

The first topic discussed was the designation of Tier 2* information. A handout used to facilitate discussion of this topic is available in an ADAMS package under Accession Number ML17230A339. The staff described the definition of Tier 2* in Title 10 of the *Code of Federal Regulations* Part 52 and the information described in SECY-17-0075, "Planned Improvements in Design Certification Tiered Information Designations," dated July 24, 2017 (ADAMS Accession Number ML16196A321). The NRC staff and KHNP representatives discussed the impact of this paper on the APR1400 and what information, if any, KHNP plans to designate as Tier 2*. In response to a question from KHNP, the staff noted that Standard Review Plan Section 14.3 provides some guidance for what information should be designated Tier 1.

CONTACT: Cayetano Santos, NRO/DNRL
301-415-7270

The second topic discussed was HFE issues related to the staff's review of the APR1400 design certification application. The staff described six requests for additional information (RAIs) provided to KHNP in draft form. Five of the RAIs are from the staff's safety evaluation for Chapter 18, "Human Factors Engineering," and the remaining RAI comes from Chapter 5, "Reactor Coolant System and Related Systems." The RAIs were developed based on issues raised by members of the Advisory Committee on Reactor Safeguards during the APR1400 Subcommittee meeting on June 21, 2017.

There was an opportunity for members of the public to provide comments and ask questions. No comments or questions were received.

The remainder of the meeting was held in a closed session in order to protect proprietary information.

Please direct any inquiries to Cayetano Santos Jr. at 301-415-7270 or via e-mail at Cayetano.Santos@nrc.gov.

Docket No.: 52-046

Enclosure:
As stated

cc w/enclosure: See next page

SUBJECT: SUMMARY OF AUGUSPT 16, 2017, PUBLIC MEETING WITH KOREA HYDRO AND NUCLEAR POWER CO. LTD. TO DISCUSS TIER 2* INFORMATION AND HUMAN FACTORS ENGINEERING TOPICS RELATED TO THE ADVANCED POWER REACTOR 1400 DESIGN DATE: 9/05/2017

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DATE	09/05/2017	08/ 24 /2017	09/05/2017	09/05/2017

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PUBLIC MEETING WITH KOREA HYDRO AND NUCLEAR POWER CO.

AUGUST 16, 2017

8:00 A.M. – 10:30 A.M.

LIST OF ATTENDEES AND PARTICIPANTS

Representing	First Name	Last Name
KHNP	EungSe	Oh*
KHNP	YunGoo	Kim*
KHNP	CheWung	Ha*
Westinghouse	Rob	Sisk*
KHNP (AECOM)	Robert	Sweeney*
KEPCO-E&C	Jaehyuk	Park*
NEI	Russ	Bell*
NRC	Michael	McCoppin
NRC	Aida	Rivera-Varona
NRC	William	Ward
NRC	Cayetano	Santos
NRC	Lauren	Kent
NRC	Joseph	Williams
NuScale Power	Zackary	Rad

* Participated via teleconference

KHNP Mailing List

03/03/2017

Daegeun Tony Ahn
Director
KHNP Washington DC Center
8100 Boone Blvd, Suite 620
Vienna, VA 22182

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Email

kimhg1108@khnp.co.kr	[Han-Gon Kim]	
hansang.kim@khnp.co.kr	[Hansang Kim]	
dohwan.lee@khnp.co.kr	[Do-Hwan Lee]	
junghokim@khnp.co.kr	[Jung-Ho Kim]	
yunho.kim@khnp.co.kr	[Yun Ho Kim]	
jiyong.oh@khnp.co.kr	jiyong.oh5@gmail.com	[Jiyong Andy Oh]
ahn.daegeun@khnp.co.kr	daegeun.ahn@gmail.com	[Daegeun Tony Ahn]
jksuh@khnp.co.kr	[Jeong Kwan Suh]	
hachewung@khnp.co.kr	[Che Wung Ha]	
kang.deogji@khnp.co.kr	[Deog Ji Kang]	
sunguk.kwon@khnp.co.kr	[Sun Guk Kwon]	
ptmaster300@kepco.co.kr	[Hyun Chul Park]	