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August 12, 2014
Document Control Desk
U.S. Nuclear Regulatory Commission
Washington, DC 20555-0001

Attention: Mr. Jeff Ciocco
Division of New Reactor Licensing

Project No.0782
MKD/NW-14-0024L

Subject: Submittal of Presentation Materials (Drafts) for the August 26-28 Pre-Application Review Meeting on APR1400 Design

The purpose of this letter is to transmit the presentation materials (Drafts) for the Pre-Application Review Meeting which will be held on August 26-28 between NRC and KEPCO/KHNP.

Enclosure 1 contains one copy of the associated affidavit. Enclosure 2 provides "Resolution Summary of Acceptance Review Results (Radiation Protection)" (Proprietary), and Enclosure 3 Provides "Resolution Summary of Acceptance Review Results (Radiation Protection)" (Non-proprietary). Enclosure 4 provides "Resolution Summary of Acceptance Review Results (Radwaste Management System)" (Proprietary), and Enclosure 5 provides "Resolution Summary of Acceptance Review Results (Radwaste Management System)" (Non-proprietary). Enclosure 6 provides "APR1400 Digital I&C" (Proprietary), and Enclosure 7 provides "APR1400 Digital I&C" (Non-proprietary). Enclosure 8 provides "APR1400 HFE" (Proprietary), and Enclosure 9 provides "APR1400 HFE" (Non-proprietary). Enclosure 10 provides "APR1400 RCP Seal Design and ELAP Capability" (Proprietary), and Enclosure 11 provides "APR1400 RCP Seal Design and ELAP Capability" (Non-proprietary). Enclosure 12 provides "APR1400 Flywheel Integrity" (Proprietary), and Enclosure 13 provides "APR1400 Flywheel Integrity" (Non-proprietary). Enclosure 14 provides "Turbine Missile Analysis" (Non-proprietary). Enclosure 15 provides "Resolution Summary of Acceptance Review Results (RVI integrity-IASCC and Swelling)" (Non-proprietary). Finally, Enclosure 16 provides "Resolution Summary of Acceptance Review Results (RV Integrity at Weld Location)" (Proprietary), and Enclosure 17 provides "Resolution Summary of Acceptance Review Results (RV Integrity at Weld Location)" (Non-Proprietary).

Additional presentation materials for PRA and ER will be submitted by August 15th.

If the NRC has questions concerning any aspect of this submittal, please contact Yun-ho Kim, Director of KHNP Washington DC Center at yunhokim@khnp.co.kr or 703-388-0592.

Sincerely,

KHNP
KOREA HYDRO & NUCLEAR POWER CO., LTD

Myung-Ki Kim
Project Manager
Advanced Reactors Development Laboratory
Korea Hydro and Nuclear Power Co., Ltd

Enclosures:
1. Affidavit KAW-14-0024
2. "Resolution Summary of Acceptance Review Results (Radiation Protection)" (Proprietary) (APR1400-E-R-EC-14003-P)
3. "Resolution Summary of Acceptance Review Results (Radiation Protection)" (Non-Proprietary) (APR1400-E-R-EC-14003-NP)
4. "Resolution Summary of Acceptance Review Results (Radwaste Management System)" (Proprietary) (APR1400-E-R-EC-14004-P)
5. "Resolution Summary of Acceptance Review Results (Radwaste Management System)" (Non-Proprietary) (APR1400-E-R-EC-14004-NP)
6. "APR1400 Digital I&C" (Proprietary) (APR1400-Z-J-EC-14006-P)
7. "APR1400 Digital I&C" (Non-Proprietary) (APR1400-Z-J-EC-14006-NP)
8. "APR1400 HFE" (Proprietary) (APR1400-K-J-EC-14007-P)
9. "APR1400 HFE" (Non-Proprietary) (APR1400-K-J-EC-14007-NP)
10. "APR1400 RCP Seal Design and ELAP Capability" (Proprietary) (APR1400-A-M-EC-14002-P)
11. "APR1400 RCP Seal Design and ELAP Capability" (Non-Proprietary) (APR1400-A-M-EC-14002-NP)
12. "APR1400 Flywheel Integrity" (Proprietary) (APR1400-A-M-EC-14001-P)
13. "APR1400 Flywheel Integrity" (Non-Proprietary) (APR1400-A-M-EC-14001-NP)
14. "Turbine Missile Analysis" (Non-Proprietary) (APR1400-H-M-EC-14001-NP)
15. "Resolution Summary of Acceptance Review Results (RVI integrity-IASCC and Swelling)" (Non-Proprietary) (APR1400-Z-M-EC-14007-NP)
16. "Resolution Summary of Acceptance Review Results (RV Integrity at Weld Location)" (Proprietary) (APR1400-Z-M-EC-14008-P)
17. "Resolution Summary of Acceptance Review Results (RV Integrity at Weld Location)" (Non-Proprietary) (APR1400-Z-M-EC-14008-NP)

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ENCLOSURE 1

Affidavit KAW-14-0024

I, Jae-yong Lee, state the following:

1. I am the General Manager of Korea Hydro & Nuclear Power Co., Ltd. (KHNP), and as such I am authorized to request withholding the information transmitted with this letter from public disclosure and to execute this affidavit.

2. I am familiar with the criteria applied by KHNP to determine whether certain information is proprietary, and with the policies established by KHNP to ensure the proper application of these criteria.

3. The information, APR1400-E-R-EC-14003-P, APR1400-E-R-EC-14004-P, APR1400-Z-J-EC-14006-P, APR1400-K-J-EC-14007-P, APR1400-A-M-EC-14001-P, APR1400-A-M-EC-14002-P, APR1400-Z-M-EC-14008-P, transmitted with this letter has been classified by KHNP as proprietary in accordance with the policies for the control and protection of proprietary and confidential information. The information regarded as proprietary is identified and marked consistent with the requirements of 10 CFR 2.390, § (b)(1)(i). Accordingly, the proprietary information is enclosed within brackets and the right-hand bracket carries a notation of "TS" to indicate that the trade secret nature of the information claimed to be proprietary is the basis for proposing that the information so identified be withheld from public disclosure.

4. Pursuant to the considerations set forth in 10 CFR Section 2.390(a), KHNP considers the information classified as proprietary to be "trade secret" information since it is design, analysis, or test information that would be difficult for a competitor to reproduce and hence provides an economic and competitive advantage to KHNP.

5. The need for designating the information as proprietary has been raised within KHNP. The information is being treated proprietary and confidential and has not been disclosed by KHNP to the public.

6. Nondisclosure of the proprietary information transmitted with this letter is vital to the competitiveness held by KHNP and, hence, disclosure of the proprietary information transmitted in with this letter would have negative commercial impacts on the competitive position of KHNP in the U.S. nuclear market.

7. In accordance with KHNP policy, proprietary information contained in this document may be, or may have been, made available on a limited basis to regulatory bodies, customers, potential customers, and their agents, suppliers, and licensees, and others under suitable agreements providing for nondisclosure and limited use of the information.

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I declare that the foregoing statements are true and correct to the best of my knowledge, information and belief.

Executed on August 12, 2014.

Jae-yong Lee
General Manager
APR1400 Licensing Team
Central Research Institute
Korea Hydro & Nuclear Power Co., Ltd.

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ENCLOSURE 2

APR1400-E-R-EC-14003-P
"Resolution Summary of Acceptance Review Results
(Radiation Protection)"

(Proprietary)

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ENCLOSURE 3

APR1400-E-R-EC-14003-NP
"Resolution Summary of Acceptance Review Results
(Radiation Protection)"

(Non-Proprietary)

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ENCLOSURE 4

APR1400-E-R-EC-14004-P
"Resolution Summary of Acceptance Review Results
(Radwaste Management System)"

(Proprietary)

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ENCLOSURE 5

APR1400-E-R-EC-14004-NP
"Resolution Summary of Acceptance Review Results
(Radwaste Management System)"

(Non-Proprietary)

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ENCLOSURE 6

APR1400-Z-J-EC-14006-P
"APR1400 Digital I&C"

(Proprietary)

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ENCLOSURE 7

APR1400-Z-J-EC-14006-P
"APR1400 Digital I&C"

(Non-Proprietary)

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ENCLOSURE 8

APR1400-K-J-EC-14007-P
"APR1400 HFE"

(Proprietary)

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ENCLOSURE 9

APR1400-K-J-EC-14007-NP
"APR1400 HFE"

(Non-Proprietary)

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ENCLOSURE 10

APR1400-A-M-EC-14002-P
"APR1400 RCP Seal Design and ELAP Capability"

(Proprietary)

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ENCLOSURE 11

APR1400-A-M-EC-14002-NP
"APR1400 RCP Seal Design and ELAP Capability"

(Non-Proprietary)

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ENCLOSURE 12

APR1400-A-M-EC-14001-P
"APR1400 Flywheel Integrity"

(Proprietary)

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ENCLOSURE 13

APR1400-A-M-EC-14001-NP
"APR1400 Flywheel Integrity"

(Non-Proprietary)

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ENCLOSURE 14

APR1400-H-M-EC-14001-NP
"Turbine Missile Analysis"

(Non-Proprietary)

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ENCLOSURE 15

APR1400-Z-M-EC-14007-NP
"Resolution Summary of Acceptance Review Results
(RVI integrity-IASCC and Swelling)"

(Non-Proprietary)

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ENCLOSURE 16

APR1400-Z-M-EC-14008-P
"Resolution Summary of Acceptance Review Results
(RV Integrity at Weld Location)"

(Proprietary)

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ENCLOSURE 17

APR1400-Z-M-EC-14008-NP
"Resolution Summary of Acceptance Review Results
(RV Integrity at Weld Location)"

(Non-Proprietary)

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