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November 15, 2017
Document Control Desk
U.S. Nuclear Regulatory Commission
Washington, DC 20555-0001

Attention: Mr. Jeff Ciocco
Division of New Reactor Licensing

Docket No. 52-046
MKD/NW-17-0365L

Subject: Submittal of DCD Markups for NRC Staff Observations of Chapter 19 RAI Responses

References: 1) KHNP Letter MKD/NW-14-0036L, Korea Electric Power Corporation and Korea Hydro & Nuclear Power Co., Ltd Application for Design Certification of the APR 1400 Standard Design, dated December 23, 2014
2) KHNP Letter MKD/NW-17-0070L, APR1400 Standard Design Certification Application Design Control Document, Revision 1, Tier 1 and Tier 2, dated March 10, 2017

The purpose of this letter is to transmit the DCD markups for NRC staff observations of APR1400 Chapter 19 RAI responses, as discussed during the PRA public teleconferences. Enclosure 1 provides the change list for items incorporated into APR100 DCD, Chapter 19 Rev.1A draft, resulting from items identified through a Self-Assessment and observations made by the NRC staff during its review. Enclosure 2 provides the associated DCD markups.

With regard to the DCD markups in Enclosure 2, those related to Chapter 19 have been incorporated in the APR1400 DCD working copy (Rev. 1A_draft for Chapter 19) and uploaded in the Electronic Reading Room. This working copy only includes Sections 19.0, 19.1, and 19.2, and it reflects changes to the DCD Rev.1 from RAI responses and markups submitted after December 1, 2016 up through October 15, 2017. Any proposed DCD changes provided in submittals after the cut-off date will be incorporated into the upcoming DCD Rev.2. Lastly, with regard to the NRC staff identified observation in Chapter 17.4 relating to use of “COL applicant phase” in lieu of “COL phase”, that change will be also be reflected in DCD Rev. 2.

If additional information or clarification is required, please contact Daeguen Ahn, Director of KHNP Washington DC Center at ahn.daeguen@khnp.co.kr or 703-388-0592.

Sincerely,

Han-gon Kim
Project Manager
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Enclosures:

1. Change List for APR1400 DCD Chapter 19 Rev.1A Draft of Self-Assessment and Punch List (Non-Proprietary)
2. DCD Markups for NRC Staff Observations of Chapter 19 RAI Responses (Non-Proprietary)

Enclosure 1

Change List for APR100 DCD Chapter 19 Rev.1A Draft of Self-
Assessment and Punch List

(Non-Proprietary)

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Enclosure 2

DCD Markups for NRC Staff Observations of Chapter 19 RAI
Responses

(Non-Proprietary)

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