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U.S. Nuclear Regulatory Commission

Washington, DC 20555-0001

Attention: Mr. Jeff Ciocco

Division of New Reactor Licensing

Docket No. 52-046

MKD/NW-15-0014L

Subject: Submittal of Responses to APR1400 Hydrology and Meteorology Clarifying Questions

The purpose of this letter is to transmit the responses for the APR1400 hydrology and meteorology associated parameters in DCD Sections 2.3.1, 2.3.4, and 2.3.5 questions, as discussed on the teleconference held on April 29, 2015 between the NRC and KHNP.

Enclosure 1 contains the responses to the various clarifying questions that were requested with the proposed DCD markups included as attachments.

If additional information or clarification is required, please contact Yunho Kim, Director of KHNP Washington DC Center at yunho.kim@khnp.co.kr or 703-388-0592.

Sincerely,

Myung-Ki Kim

Project Manager

Advanced Reactors Development Laboratory

Korea Hydro and Nuclear Power Co., Ltd

Enclosures:

1. Responses to Clarifying Questions on Hydrology and Meteorology

ENCLOSURE 1

Responses to Clarifying Questions on Hydrology and Meteorology and Associated Parameters (Sections 2.3.1, 2.3.4, and 2.3.5)