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MKD/NW-13-0016L

July 8, 2013

ATTN: Document Control Desk  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555-0001

Attention: Mr. William Ward  
Division of New Reactor Licensing

**Subject: Submittal of Test Plan for In-vessel Downstream Effect of the APR1400**

A test plan for in-vessel downstream effect of the APR1400 is enclosed for your review. The test facility is located at KHNP-CRI in Republic of Korea. With this letter, I would like to propose a PARM (Pre-application Review Meeting) to have an early feedback on in-vessel downstream effect test plan. A copy of proprietary version (Enclosure 2) and non-proprietary version (Enclosure 3) are enclosed.

If there are any questions on this submittal, please contact Mr. Chang whose contact information is provided below.

Sincerely,

A handwritten signature in black ink, appearing to read 'M. K. Kim', is written over a horizontal line.

Myung-Ki Kim

Director, APR1400 Licensing Team  
Korea Hydro and Nuclear Power Co., Ltd

Enclosures:

1. Affidavit KAW-13-0016
2. APR1400-K-A-I(RA)-13001-P, Revision 0, "Test Plan for In-vessel Downstream Effect of the APR1400" (proprietary)
3. APR1400-K-A-I(RA)-13001-NP, Revision 0, "Test Plan for In-vessel Downstream Effect of the APR1400" (non-proprietary)



**KHNP Contact Point:**

Mr. Harry (Hyun Seung) Chang

KHNP Washington DC Center

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## ENCLOSURE 1

### Affidavit KAW-13-0016

I, Jae-yong Lee, state the following:

1. I am the Director 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-K-A-I(RA)-13001-P, Revision 0, “Test Plan for In-vessel Downstream Effect of the APR1400,” 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.



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

Executed on July 8, 2013.

Jae-yong Lee

Director, NSSS Design Group  
Korea Hydro & Nuclear Power Co., Ltd.

## ENCLOSURE 2

APR1400-K-A-I(RA)-13001-P, Revision 0,  
“Test Plan for In-vessel Downstream Effect of the APR1400”  
(proprietary)

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## **ENCLOSURE 3**

APR1400-K-A-I(RA)-13001-NP, Revision 0,  
“Test Plan for In-vessel Downstream Effect of the APR1400”  
(non-proprietary)

July 2013