



KHNP

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May 8, 2017
Document Control Desk
U.S. Nuclear Regulatory Commission
Washington, DC 20555-0001

Attention: Mr. William Ward
Division of New Reactor Licensing

Docket No. 52-046
MKD/NW-17-0107L

Subject: Submittal of an Additional Technical Report for APR1400

References:

- 1. KHNP Letter MKD/NW-14-0037L, Submittal of APR1400 Technical Reports, dated December 23, 2014**
- 2. KHNP Letter MKD/NW-17-0071L, Submittal of Revised Technical Reports for APR1400, dated March 17, 2017**
- 3. KHNP Letter MKD/NW-17-0105L, Submittal of Four Revised Technical Reports for APR1400, dated April 24, 2017**

The purpose of this letter is to transmit one set of the new technical report regarding RCP seal LOCA probability as requested in the last ACRS subcommittee meeting, held on April 19-20.

Enclosed are:

- A. One copy of APR1400-A-M-NR-16001-P Revision 0 (WCAP-18067-P Revision 0), "PRA Model for RCP Seal Failure Given Loss of Seal Cooling for APR1400 KSB HDD-254 Type F RCP Seals" (Proprietary).
- B. One copy of APR1400-A-M-NR-16001-NP Revision 0 (WCAP-18067-NP Revision 0), "PRA Model for RCP Seal Failure Given Loss of Seal Cooling for APR1400 KSB HDD-254 Type F RCP Seals" (Non-Proprietary).

Also enclosed is the Westinghouse Application for Withholding Proprietary Information from Public Disclosure CAW-16-4440, accompanying Affidavit, Proprietary Information Notice, and Copyright Notice.

As Item A contains information proprietary to Westinghouse Electric Company LLC, it is supported by an Affidavit signed by Westinghouse, the owner of the information. The Affidavit sets forth the basis on which the information may be withheld from public disclosure by the Commission and addresses with specificity the considerations listed in paragraph (b)(4) of section 2.390 of the Commission's regulations.

Accordingly, it is respectfully requested that the information which is proprietary to Westinghouse be withheld from public disclosure in accordance with 10CFR Section 2.390 of the Commission's regulations.

Correspondence with respect to the copyright of proprietary aspects of the items listed above or the supporting Westinghouse Affidavit should reference CAW-16-4440 and should be addressed to James A. Gresham, Manager, Regulatory Compliance, Westinghouse Electric Company, 1000 Westinghouse Drive, Building 3 Suite 310, Cranberry Township, Pennsylvania 16066.

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

Sincerely,



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

Enclosures:

1. Westinghouse Application for withholding proprietary information from public disclosure (CAW-16-4440)
2. PRA Model for RCP Seal Failure Given Loss of Seal Cooling for APR1400 KSB HDD-254 Type F RCP Seals (Proprietary) (APR1400-A-M-NR-16001-P, Rev.0)
3. PRA Model for RCP Seal Failure Given Loss of Seal Cooling for APR1400 KSB HDD-254 Type F RCP Seals (Non-Proprietary) (APR1400-A-M-NR-16001-NP, Rev.0)

Enclosure 1

CAW-16-4440

Westinghouse Application for Withholding Proprietary Information from
Public Disclosure

Enclosure 2

APR1400-A-M-NR-16001-P_Rev.0
(WCAP-18067-P Rev.0)

PRA Model for RCP Seal Failure Given Loss of Seal Cooling for
APR1400 KSB HDD-254 Type F RCP Seals

(Proprietary)

Enclosure 3

APR1400-A-M-NR-16001-NP_Rev.0
(WCAP-18067-NP Rev.0)

PRA Model for RCP Seal Failure Given Loss of Seal Cooling for
APR1400 KSB HDD-254 Type F RCP Seals

(Non-Proprietary)