

July 28, 2017

Ms. Zhang Lin, Deputy Director  
Division III of Nuclear Power  
Nuclear Safety Regulatory Department II  
Ministry of Environmental Protection  
115 Xizhimennei Nanxiaojie  
Xicheng District, Beijing, P.R. China (100035)

SUBJECT: NRC RESPONSE TO CHINA NNSA QUESTION ABOUT AP1000  
REACTOR COOLANT PUMP FLYWHEEL INTEGRITY

Dear Ms. Zhang:

Thank you for your email of June 1, 2017, in which you described concerns about AP1000 reactor coolant pump flywheel integrity. Enclosed with this letter is a response from the NRC staff to the questions you posed in your above mentioned email. The exchange between the U.S. Nuclear Regulatory Commission (NRC) and China's National Nuclear Safety Administration (NNSA) has been invaluable as we have gained advance insight in support of the construction and initial testing of AP1000 plants in the U.S.

We look forward to continued bilateral and multilateral cooperation on these important issues. If you have any questions or comments concerning this matter, please contact me at (301) 415-2967 or via e-mail at [Jennifer.Dixon-Herrity@nrc.gov](mailto:Jennifer.Dixon-Herrity@nrc.gov).

Sincerely,

*/RA/*

Jennifer Dixon-Herrity, Chief  
Licensing Branch 4  
Division of New Reactor Licensing  
Office of New Reactors

Enclosure:  
As stated

cc: w/enclosure: Stella (Luan) Haiyan

SUBJECT: NRC RESPONSE TO CHINA NNSA QUESTION ABOUT AP1000 REACTOR COOLANT PUMP FLYWHEEL INTEGRITY DATED JULY 25, 2017

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