

September 12, 2012

Mr. Rich DeLong, Director  
AP1000 Licensing  
Westinghouse Electric Company  
1000 Westinghouse Drive  
Cranberry Township, PA 16066

SUBJECT: REQUEST FOR TEST DATA TO DEMONSTRATE CORROSION RESISTANCE  
OF THE AP1000 REACTOR COOLANT PUMP RETAINING RING MATERIAL

Dear Mr. DeLong:

By letter dated May 31, 2012, Westinghouse Electric Company (WEC) informed the Nuclear Regulatory Commission (NRC) of the completion of a test program to demonstrate corrosion resistance of the AP1000 reactor coolant pump retaining ring material. This letter provided closure of the commitment WEC made to the Advisory Committee on Reactor Safeguards (ACRS) in a letter dated December 10, 2010.

In a letter dated February 5, 2011, the staff informed ACRS that they would, "follow the Westinghouse test program and inform ACRS of the test results when they are submitted to the staff." While the commitment by WEC was to perform the test program, NRC technical staff would like the opportunity to review the test results in order to address their commitment to ACRS.

The NRC staff is requesting that WEC submit all applicable test information on the docket that demonstrates corrosion resistance of the AP1000 reactor coolant pump retaining ring material.

If you have any questions or comments concerning this matter, please contact me at 301-415-6715 or via e-mail address at [Bruce.Bavol@nrc.gov](mailto:Bruce.Bavol@nrc.gov).

Sincerely,

*/RA/*

Bruce M. Bavol, Project Manager  
Licensing Branch 4  
Division of New Reactor Licensing  
Office of New Reactors

Docket No. 52-006

cc: See next page

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Office of New Reactors

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NRO-002

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OF THE AP1000 REACTOR COOLANT PUMP RETAINING RING MATERIAL  
DATED SEPTEMBER 12, 2012

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(Revised 07/03/2012)

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