

October 27, 2016

Mr. Ron Wessel, Principle Engineer  
AP1000 COL Licensing Support  
Westinghouse Electric Company  
1000 Westinghouse Dr.  
Cranberry Township, PA 16066

SUBJECT: ENGINEERING DESIGN VERIFICATION INSPECTION AT WECTEC

Dear Mr. Wessel:

This letter documents the Nuclear Regulatory Commission (NRC) staff's plan to perform an Engineering Design Verification (EDV) inspection at WECTEC's offices in Charlotte, NC. Specifically, the inspection team will review WECTEC's processes for transferring the design requirements contained in the AP1000 Design Control Document into detailed engineering, procurement, and construction documents. The inspectors will focus their review on the Class 1E Direct Current (dc) and Uninterruptable Power Supply (UPS) system. This is a follow on inspection from the first AP1000 EDV inspection that was conducted by the NRC in 2011. At that time, the electrical system design was not sufficiently complete to allow us to complete our inspection.

The final date for this inspection was discussed with you during a pre-inspection visit to WECTEC conducted on October 13, 2016. The inspectors plan to arrive at the WECTEC offices on Monday, November 14, 2016, and the inspection will end on Friday, November 18, 2016. Subsequent to the inspection, a report will be issued and transmitted to you via letter. The lead inspector for this effort is Mr. Jeffrey Jacobson; you may contact him at (301) 415-2977 or via electronic mail at Jeffrey.Jacobson@NRC.gov.

The following docket number has been assigned to your facility: 99901467. Please reference this number on any correspondence sent to the NRC.

Sincerely,

**/RA/**

Terry W. Jackson, Chief  
Quality Assurance Vendor Inspection Branch-1  
Division of Construction Inspection  
and Operational Programs  
Office of New Reactors

Docket No.: 99901467

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<b>NAME</b>	JJacobson	TJackson
<b>DATE</b>	10/26/16	10/27/16

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