

In response to the questions posed within the letter to Glenn Tracy dated June 20, 2013:

1. Is Westinghouse Electric Company's (WEC) factory testing (FT) strategy acceptable for the U.S. NRC? Whether or not Vogtle Electric Generating (Vogtle) nuclear power plant (NPP) and Virgil C. Summer (Summer) NPP in the United States (U.S.) are going to adopt this testing strategy for their Protection and Safety Monitoring System (PMS) provided by WEC? If so, can the U.S. NRC provide the relevant approval documents?

NRC Input:

Based upon information provided with the request from the National Nuclear Safety Administration (NNSA), the U.S. NRC staff understands that WEC has developed a strategy to choose only one set of PMS to perform System Integration Testing (SIT) for all 4 units in China. This strategy would mean that the test for the one PMS will be applied to the other units and the remaining PMSs would not be subject to SIT. We also understand that WEC has indicated that this strategy is consistent with a technical document that the U.S. NRC approved. Based on our understanding of this strategy and the information available to the U.S. NRC to date, the strategy would not be consistent with the strategy previously approved for the US AP1000. Also, the NRC has not approved any documents that would support the approach described in the NNSA request for Vogtle or Summer.

2. Did the U.S. NRC approve that WEC chooses only one PMS to perform SIT for all four new AP1000 units in the U.S.?

NRC Input:

No. The NRC has not approved performing only one System Integration Test (SIT) for multiple Protection and Safety Monitoring Systems for AP1000's in the U.S. Based upon the information presented in the AP1000 specific test plans during the AP1000 design certification process, the staff concluded a SIT would be performed during the construction and testing program for each AP1000. SIT testing, as proposed in the question above, is not consistent with the current licensing basis of Vogtle or Summer. It is the NRC's expectation that a full SIT will be completed satisfactorily for each AP1000 plant.

Enclosure