

PMLevyCOLPEm Resource

From: Habib, Donald
Sent: Wednesday, December 02, 2015 11:14 AM
To: Kitchen, Robert (robert.kitchen@pgnmail.com); Meneely, Jennifer E; larry.taylor@duke-energy.com; Cross-Dial, Andrea (Andrea.Cross-Dial@duke-energy.com); Waters, David (David.Waters2@duke-energy.com)
Subject: RE: Levy MCR moisture analysis

Bob and Jen –

The staff understands that Duke and Westinghouse are preparing a calculation that supports the 11/12/15 Duke submittal related to MCR Heatup (Duke Letter 049, ML15322A009).

I want to clarify that the staff needs an analysis that demonstrates that, under limiting conditions for maximum moisture, the main control room remains below the acceptance criteria (per the submittal, a wet bulb globe temperature of 90 F. This analysis would satisfy the wet bulb temperature portion of the WBGT, as the dry bulb temperature has already been calculated by analysis staff will audit). The limiting conditions must be supported by the DCD – in this case, the moisture from the VES bottles must be fully saturated, because consensus application of the CGA standard as applied for the air quality referenced in the DCD has no moisture specification, and the control room must be at maximum occupancy.

If an upper limit for moisture content in the VES bottles is imposed, such a limit would need to be reflected in the DCD.

We could be available to discuss this in a public teleconference later this week, or early next week.

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