

From: Tam, Peter
Sent: Monday, August 31, 2009 3:54 PM
To: Gardocki, Stanley; 'Flentje, Fritzie'
Cc: Poole, Justin
Subject: Point Beach - 9/3/09 Meeting on AFW Modifications (TAC ME1081, ME1082)

Steve Hale
Fritzie Flentje

Stan Gardocki of our Balance-of-Plant Branch has generated the following questions to be discussed in the 9/3/09 meeting. Please be sure you share these questions with technical personnel before the meeting.

1. Upon a loss of instrument air (2.5.4.5-6) AFW has a back up IA source that can last for four hours. Powers the mini flow recirc valve (fails closed on loss of IA), and the flow control valve to SG which fails open on loss of IA. Describe the operator action is required to control flow if IA is lost and back up runs out. Procedures? Communication?
2. DC supply, describe the DC component associated with the MDAFWP and how they are diverse from the TDAFWP
3. Describe how DC is diverse and still be used to isolate a faulted SG
4. U1 and U2 will be separate DC trains. Some re-powering of DC supplies will be necessary on the TDAFW pumps. Describe? (2.5.4.5-24)
5. States each pump systems will have two ways using opposite trained power to stop AFW flow (2.5.4.5-24) Describe?
6. Explanation of the power supply and instrumentation the operates each of the SW supply valves to each of the AFWPs and SSG
7. If SSG pumps are feeding the SGs and an accident occurs, the pumps trip off the bus, is there an automatic action to close the associated valves so as to not continue to feed a ruptured SG when the sw pumps start and the SG blows down?
8. Describe procedures and steps for operator actions to isolate AFW to faulted generator
9. What are AFW start logics on lo lo SG level
10. What are AFW starts on loss of 4.16 kv bus, is it breaker or voltages
11. Describe the AFW mod for local controls of AFW for decay heat removal following control room evacuation
12. Is the new AFW system exposed to HELB failures EPU

13. Mod will verify adequate cooling is provided to ensure operability of the MDAFW pumps and licensing basis of the PAB is met. (PAB is NSR) (2.5.4.5-25) Describe and new Tech Specs? The heat generated by the addition of these new AFW pumps and any impact on the primary auxiliary building ventilation system, VNPAB, will be addressed as part of the AFW system modification process. (2.7.5-4)The VNPAB has one non-safety related, Non-QA function, which is to maintain the building within its design range of 65°F-85°F. Safety-related equipment in the PAB is not affected by a loss-of-HVAC for up to 24 hours thus indicating that the ability to maintain an 85°F design temperature during normal operation is not critical.
14. Discuss Tech Spec if one steam supply is inop, and then the MDAFWP goes inop. The TSTF does not apply because they don't have 2 MDAFWPs, Should be something very conservative.

These questions do not constitute a Request for Additional Information at this time. You should discuss with the NRC staff regarding dispositioning these questions during the meeting.

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