

DRAFT OUTLINE COMMENTS

Facility: RBS

First Exam Date: 12/08/14

Written Exam Outline (9/19/2014)		
	Comment	Resolution
1	NRC Generated	
2		
3		
4		
5		

Administrative JPM Outline (9/19/2014)		
	Comment	Resolution
1	None	
2		
3		
4		
5		

Control Room / In-Plant System JPM Outline (9/19/2014)		
	Comment	Resolution
1	For JPM S-2, I don't see how an ARC pump is part of "reactor water level control" Safety Function 2.	Changing this one. Done and is now Sat.
2	For JPM S-3, I don't see how adjusting recirc pump seal pressure is part of "reactor pressure control" Safety Function 3.	Words not right but it is actually changing MT pressure so it is okay.
3	For JPM S-4, can you give me the KA for this JPM and its importance rating? I don't think this relates enough to Safety Function 4 for "heat removal from the core" to be on the NRC exam.	Changing this one. Done and is now Sat.
4	Why on the last three exams have there been exactly two control room JPMs?	Two boards not modeled in simulator so that is why they did it this time. Don't have a standard for doing this every time so not sure why it has occurred. Discussed the idea of predictability and they understand.
5	For JPM C-2 how is this a Safety Function 7 "Instrumentation" JPM?	This is an instrument failure that causes the rod to have to be bypassed so it is okay as

		written.
6	Too many Low power sim JPMs? Six out of eight total are low power. Requirement is at least one but most of them at low power is not good either. Should have a better balance of low and normal power JPMs.	Changing to four JPMs at low power. Done and is now Sat.
7	For S-1 JPM: Do you use an Abnormal Ops Procedure for this JPM? If not then this is not an "E" JPM.	Yes. It is okay as written.

Simulator Scenario Outline Comments (9/19/2014)		
	Comment	Resolution
1	General comment for scenarios-it helps you and us if you include a short narrative (as page 2 of the D-1 form) that explains the basics for each event, the TS calls, and includes the critical tasks, their bases, and bounding conditions.	
2	Scenario 1- <ul style="list-style-type: none"> a) Only one TS call in this scenario? b) For event 3 RHR 'A' pump trip, make that a shaft shear to be different than previous exam events on RHR pump events. c) Discuss changing the SRV that fails open (ie make it a different one than 51C to challenge the scenario a little more) 	Yes-going to add another TS call. Don't want to change the SRV for now since its leakage issue becomes the total failure in the major. They agreed to change the pump trip to shaft shear. Done and is now Sat.
3	Scenario 2- <ul style="list-style-type: none"> a) Only one TS call in this scenario? 	Yes-need to add one more TS call. Done and is now Sat.
4	Scenario 3- <ul style="list-style-type: none"> a) For event 7, make it a shaft shear instead of simple trip for Stator water pump 'A'. b) If event 1 is a swap from 'A' to 'B' stator water pump, how can event 7 have a trip of the 'A' pump- it wouldn't be running would it? 	Okay on the shaft shear change. For the pump swap it is okay as written and when the update is submitted for the outlines it will be clear what happens with the pumps. Done and is now Sat.

5	Scenario 4 – a) Need better balance for the BOP position on the front-end of the scenario. Need to remove an ATC event and replace with a BOP event. b) Question – Does the ATC control turbine and reactor at RBS (event 2 has the ATC adjusting MVARs-not normally what we are used to seeing)?	Licensee looking at the bean balance to see if they need to change one. The ATC does the turbine MVAR event so it is correct for this panel as written.
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