

DRAFT OUTLINE COMMENTS

Facility: CNS

First Exam Date: July 2014

Written Exam Outline (5/9/14)		
Comment		Resolution
1	KA overlap from last two exams 295026.EA2.02 (2011 exam) Q13 (2014) 206000.A1.08 (2011 exam) Q30 (2014) 239002.K3.03 (2012 exam) Q43 (2014) 262002.K4.01 (2011 exam) Q48 (2014) 263000.K2.01 (2012 exam) Q49 (2014) 201003.A1.03 (2012 exam) Q55 (2014) 295018.A2.03 (2011 exam) Q79 (2014) Tier 3-G2.3.4 (2011 exam) Q71 (2014) Tier 3-G2.3.6 (2012 exam) Q98 (2014) Tier 3-G2.4.18 (2012 exam) Q74 (2014)	CNS response-Each listed question was reviewed with the 2011 and 2012 exams as listed and none of the questions on the 2014 written exam are overlap questions. (EJJ 5/20/2014)

Administrative JPM Outline (5/9/14)		
Comment		Resolution
1	The type codes for each admin JPM can only be C, S, or R, based on where you plan to run it for the exam. If it can be run in multiple locations it is best to run it outside the sim for schedule reasons, unless it truly is dynamic, then we would want to run it in the simulator. You guys have all three of these codes for the first three RO admin JPMs and all five of the SRO admin JPMs. Also, can you put the KA below each JPMs description for proper job link on the ES-301-1 form? I know the form doesn't have that yet but it should be in the next revision to the 1021.	The type codes have been reviewed and revised as necessary. The K/A numbers have been added as requested.

Control Room / In-Plant System JPM Outline (5/9/14)		
Comment		Resolution
1	The type codes for each sim JPM can only be C or S based on where you plan to run it for the exam (see above).	The type codes have been reviewed and revised as required.
2	Shift JPMs down on es-301-2 form so that the letter always matches the right JPM. For example, JPM "c" should be	JPMs have been aligned for consistency between the different license types.

	left blank for SRO-I since it is the one not used. This is important for clarity reasons for the exam team and reviewers. Same is true on the SRO-U outline. You can also put all three of these (RO, I, and U) on one form if you like. I will explain how on the phone call.	
3	It is hard to believe that we haven't run the JPMs "f" and "g" before in some fashion. Discuss on the phone call.	JPM "f" could not be found in the bank. However JPM "g" is in the bank. ES 301-2 will be revised to reflect this.

Simulator Scenario Outline Comments (5/9/14)		
	Comment	Resolution
1	No critical tasks labeled or explained in narrative. Ensure they are bounded IAW 1021 when resubmit outlines.	The critical tasks have been labeled.
2	Scenario 1 – events are out of order from narrative. Event 6 should be right before event 9. Also, having the TS call after the major is never a good idea-if they miss it because they are in EOPs they can argue they are on their way to mode 3 anyway and so I recommend something else for the other TS call, prior to the major. Event 8 should be after event 5.	The scenario has been revised and the events are in order. The TS calls are before the major.
3	On scenario 1 event 5 when they start reducing power and the htr drn valve, how does it fail (open or closed) and also what are the consequences if they enter the Therm Inst Region (is this your THI acronym) and start getting power oscillations (ie is this critical task to not do this)? Event 13 – is this both and I and C malfunction?	This scenario has been revised a lot and the power oscillations are not going to be an issue. The scenario as written would have the plant scrambled before Reactor Recirculation was lowered enough to set up the loss of feedwater heating pushing power up into the exclusion region.
4	General comment on all three scenario D1 forms: it is a good idea to put the board that will most likely get the bean next to the letter for event type (ie R{ATC}).	D-1 forms have been revised to indicate which position the event is intended for.
5	Scenario 2, event 9 is not in the narrative section. Is the major a LB LOCA on the suction of RR or a RR pump seal LOCA?	The RR seal begins leaking and then the RR piping break occurs making for a larger loca.
6	General comment on the narrative-when you have a failure, discuss the failure briefly (mostly did a great job on that), then discuss which board operator does	The narratives have been revised to include more information to help reader understand the procedures entered as requested.

	<p>what to compensate, and what procedure is used to combat that event. This helps us in counting procedures, understanding failures, and so on.</p>	
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