DRAFT OUTLINE COMMENTS

Facility: Waterford First Exam Date: 4/2/2014

Written Exam Outline (1/8/14)		
	Comment	**Resolution**
1	None – NRC generated	
2		
3		
4		
5		

Administrative JPM Outline (1/8/14)		
	Comment	**Resolution**
1	None	
2		
3		
4		
5		

Control Room / In-Plant System JPM Outline (1/8/14)		
	Comment	**Resolution**
1	RO 301-2 needs to annotate that there are 3 EN JPMs into the count table.	ES-301-2 for RO revised to reflect 3 EN JPMs
2	There are 7 low power JPMs. Seems like a high number but is ok per 301-2. Please verify these are all done at <5% power and that this is not just a miscount.	Count verified accurate
3	SRO 301-2 needs to annotate that there are 2 EN JPMs into the count table.	ES-301-2 for SRO-I revised to reflect 2 EN JPMs
4	All three alternate path JPMs for the Upgrade are in the CR. An Upgrade applicant who knows that they are limited to a max of three can then surmise that none of the In Plant JPMs will be alternate path. Consider having them perform one of the three in the plant to prevent predictability.	Only in plant JPM that is Alternate Path is P2 which is Safety Function 6. S6 (which is also Safety Function 6) must be administered in the Simulator JPMs due to requirement of 1 new Alternate Path JPM. Not allowed to overlap Safety Functions from the in plant to the CR systems on SRO-U. No change made.
5		

Simulator Scenario Outline Comments (Date)		
	Comment	**Resolution**
1	S1 E2 – TS call made in this event. Please include the applicable TS number in the D1 event description for this and all evens in all scenarios.	D1 event descriptions (page 1) updated with specific Tech Spec number for all D-1s
2	S1 E4 is marked as Component bean. This is actually a “Major” event as it leads to the trip. (1021, App. D, pg. 9)	S1 E4 updated to M-ALL
3	S1 E7 listed as Major. This is a Component bean as it is not the initiating failure that leads to the reactor trip.	S1 E7 updated to C-ATC, C-SRO
4	Critical Tasks for all scenarios – Include in the event description on the D1 the parameter that must be met AND by what time in order to successfully complete the CT.	D1 event descriptions (page 1) updated to include specific task and performance criteria for all critical tasks
5	S2 E2 – Loss of Letdown? This is becoming somewhat predictable. Please look at replacing.	Letdown is not lost on this event. Letdown goes to minimum, but extended recovery time is not needed.
6	No EOP contingency procedures used in Scenario 1. Refer to 1021, App.D, pg 10 – Look at replacing an event with a contingency procedure	Contingency procedure is utilized in scenario 3 as part of the scenario set.
7	No EOP contingency procedures used in Scenario 2. Refer to 1021, App.D, pg 10 – Look at replacing an event with a contingency procedure	Contingency procedure is utilized in scenario 3 as part of the scenario set.
8	S3 E4 is Letdown lost? If so, does it need to be recovered before moving to next event?	Letdown is not lost.
9	S3 E5 and E6 are the same event as the RCP failure necessitates a reactor trip and thus constitutes the Major. Place the LOCA into this event as a subsequent action of the trip. The failure of CS-125A can be counted as its own event if there are required operator actions in order to correct.	S3 E5 updated to C-ATC, M-ALL. S3 E6 remained M-ALL S3 has 2 Majors following this revision
10	S2 E7 Loss of CCW requires securing RCPs. JPM S3 requires securing RCPs. This looks very similar requiring one to be changed.	JPM sequence of events are different from scenario sequence of events. This is due to the different requirements to secure RCPs in the normal operating procedures vice the EOPs.
11		

General Outline Comments (Date)		
	Comment	**Resolution**
1	What facility document defines the critical tasks in the scenarios?	No facility document. Methodology is to use CE critical task statements with approval through Operations management.
2	Ensure correction of Quantitative Attributes table for all scenarios with bean changes. Also ES-301-5, “Transient and Event Checklist” will need to be corrected.	ES-301-5 updated with changes from comments 2, 3, & 9 from simulator section above.
3	Scenario 3 is low power scenario (no response needed)	No response needed
4	On all D1s annotate which eventsare Abnormal to alleviate any confusion in the bean count.	D1 event descriptions (page 1) updated to include an (A) next to each event which utilizes an off normal procedure response to denote an abnormal event.
5	Please state exactly what the “Dominant Accident Sequence” is in the D1 and how it is measured to assure successful completion as a CT.	DAS detail incorporated in the paragraph write ups in the D1s.
6	Add up events for watch stations and total up into “Total” column on ES-301-5	Total number of events tallied for each position for all 3 scenarios.