

DRAFT 3/15/2005
Comment/Question Compilation from Workshop 1
Those with Guidance Impact

No.	*	Topic	Comment/Question	Suggested Answer
3	A	MSPI Guidance Document	App.G need to make sure the format includes addressing the issues of importance	We will add additional information on the content and format of information related to PRA quality to appendix G. Any other required information will be added as it is identified. . (not yet incorporated)
4	A	PRA Quality	What happens if A&B F&Os are NOT addressed or SLRs NOT met?	Not sure yet. This needs to be resolved by June workshop and incorporated into the guidance. . (not yet incorporated)
8	A	MSPI Guidance Document	App.F table 1 for FWCI change to read use plant specific values.	A value will be defined and put in the table. (not yet incorporated)
9	A	MSPI Guidance Document	Clarify the term 'post accident' in EAC and elsewhere x	Appendix F was revised. In most cases the term was considered unnecessary and was removed.
19	A	BWR HPCS	For HPCS does the baseline unplanned UA include the HPCS diesel or not?	Appendix F needs to be revised to define unplanned unavailability for the fluid and power parts of the system. Need to identify the data source. (not yet incorporated)
20	A	Common Cause Failure	Need to provide statement in the guidance that only intrasystem common cause failure is included and intersystem is not. Many PRAs include HPCI-RCIC common cause due to system similarities.	Appendix F was revised to add the guidance.
23	A		What if one transient/initiator requires a specific valve/path that is otherwise redundant? Example HPCI injects through FW and CS, ATWS requires	Monitoring ATWS was excluded from BWR high pressure injection systems as it was for the PWR AFW systems. Appendix F has been revised.

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			injection through FW only per EPGs. Other initiators don't care.	
24	A		In calculating the FV/UR max ratio should the TM term be considered at all?	No, Appendix F was revised to clarify this.
25	A		Need a clear statement that you have to report all systems even if the whole system is not Risk Significant. Example- Fermi has motor driven standby feed pump that make RCIC non- risk significant.	Each of the 5 systems should be reported for every plant. Even if none of the functions are risk-significant, the pumps and diesels in the system still are required to be monitored for unreliability. Appendix F will be revised to clarify this. (Not yet incorporated)
44	B	MSPI Guidance Comments	Guidance should clarify that definition of planned and unplanned unavailability is the same as the current use of these terms - and refer to the current guidance, if possible.	We will add the reference to the current guidance. (Not yet incorporated)
47	B	MSPI Guidance Comments	Page F-31, lines 7 and 8 discuss credit in the plant's accident analysis. This should be clarified as referring to the plant's accident analysis or PRA as appropriate.	Appendix F guidance was revised to refer to PRA success criteria and mission times.
51	B	Scoping Questions	How should a single train HPCS and HPCS DG be counted for number of trains? Some plants consider the HPCS system inoperable but available if the HPCS DG is inoperable. One option would be to count this as a two train (two segment) system, so that you don't render the HPCS system fully unavailable if only the DG is unavailable.	One way of handling it may be for the HPCS diesel to be an additional train/segment under HPCS. This way covers the HPCS DG being UA but the HPCS train available because offsite power is available. Appendix F was revised to implement this recommendation.
52	B	Scoping	Is it acceptable to include solenoid	No. The only monitored valves are AOVs and

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		Questions	valves as monitored components if they are critical components?	MOVs .This is a discussion issue, no changes to the guidance were made.
54	B	Risk Weight	In developing the FV/UR ratios for HPCI, should a HPCI/RCIC common failure basic event be included?	No. Appendix F guidance was revised to clarify this.
58	C	HPSI - CE Plants	The use of LPSI pumps in the B&W guidance for HPSI needs clarification that the LPSI pumps are not part of HPSI, but that the shared valves and piping output is included.	This will be clarified. (Not yet incorporated)
60	C	RHR - CE Plants	HPSI uses the Containment Sump Valves as monitored components. The RHR system requires them as well. Do we include them in scope for both systems?	Yes. The guidance instructs you to include components in multiple systems if they meet the rules for component selection. Appendix F was revised to remove the guidance that they are only counted in one system to conform to the general rule.
64	C	AFW - CE Plants	Appendix F for AFW says "rated flow and pressure" while the other system guidance sections do not make this specification. The other sections rely solely on your UFSAR or PRA Success Criteria. Was this meant, or do corrections need to be made to the guidance?	All statements on "rated flow and pressure have been removed form appendix F.
65	C	AFW - CE Plants	For a Steam Driven Auxilliary Pump train, the train boundary on the steam supply line stops after the first dedicated supply valve to the turbine. If a problem occurred on the main steam system (outside the AFW train boundary) which made it impossible to get steam to the AFW pump turbine,	Appendix F was revised to clarify the system boundary for the steam supply lines for turbine driven pumps extends to the steam supply source..

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			should you count unavailability time for the train in MSPI?	
68	D	HPSI	Are hydraulic controlled valves in the scope of MSPI monitored components? (Like AOV/MOVs) (Section 2.1.2.2)) If so, then what should be used for the generic data?	This is a discussion point. Changes will be made to the guidance as necessary to implement the resolution of the discussion. (not yet incorporated)
W1			1. Will the definitions for BWR High Pressure Injection systems be made similar for NEI 99-02? That is, will the definitions be re-written to the same wording. And will the system functions be aligned so both systems can use either suction from the suppression pool OR condensate storage tank OR will both be require the capability of suction from the suppression pool AND condensate storage tank	Appendix F was revised to require including the sources based on meeting PRA success criteria and mission times.
W2			On page F-2 of NEI 99-02 MSPI Rev N under the Component Interface Boundaries section, it states "For water connections from systems that provide cooling water to a single monitored component, the final connecting valve is included in the boundary...". In our RHR system our component spray passes through a Heat Exchanger that cools the containment spray flow. The heat exchanger is within RHR system boundaries but is not a 'monitored' component by the guidance. For the cooling water supplying the heat	Appendix F was revised to clarify this. The valve would be included in the RHR system.

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			<p>exchanger, the final connecting valve is a CV that is opened on an ESFAS signal. My question is should this cooling water CV (active valve) be included in the front-line RHR system even though heat exchangers are not a 'monitored' component because the CV must operate in order for our RHR function (provide cooling to containment) to be successful? If the CV should be included, should the NEI guidance be changed to remove the words 'monitored component' and replace it with words that don't limit it to just 'monitored' components?</p>	
W3			<p>In the BWR Residual Heat Removal Systems scope, the RHR system is monitored for a "post-accident decay heat removal" function. Please explain what this function is or what scenario this function fulfills and generically what components or system mode of operation would be used to fulfill this function?</p>	<p>Appendix F was revised to remove post-accident and refer to the shutdown cooling function.</p>
W4			<p>For systems such as HPCI and RCIC are unavailability hours included when the reactor is critical but not at 150 psig (TS Requirement)?</p>	<p>Unavailability is only intended to be counted when critical and when the system is capable of functioning. Guidance will be revised when it is developed. (Not yet incorporated)</p>