

Questions/Discussion Items
NRC-Industry Meeting November 16, 2000

- 1) From previous discussions we understand that the NRC staff will recommend to the Commission pursuing changes to §50.46. We assume that such an activity, and its associated rulemaking would encompass conforming changes to other regulations, such as Appendix K and Appendix A to Part 50, and not be limited to just ECCS. Are our assumptions correct?

A suggestion has been made that the staff may want to take a step by step approach to §50.46, with redefinition of the LOCA break size being the first step. What are the subsequent steps? Is a plan for §50.46 being included with the recommendations that are being made to the Commission in December? What would trigger the staff to go to each of the next steps, and what would be the overall schedule for getting through to the final Rules?

- 2) What does the staff plan to recommend to the Commissioners in December 2000 with respect to RIP50 Option 3?
- 3) Is one of the RIP50 Option 3 recommendations to the Commissioners going to include the pursuit of changes to 50.46 such as changing the 1979 decay heat model?
- 4) What are the staff's plans for developing changes to the implementing regulatory requirements, i.e., Standard Review Plans, Regulatory Guides, etc., necessary to implement the rule change?
- 5) Given that smaller LOCAs will still be part of the design basis and these along with other current DBAs can set the system requirements, is there a need to identify new DBAs? Related to this, the NRC has stated that analysis of LBLOCAs has eliminated the need to analyze other events, which are bounded by LBLOCA. What are the events the NRC considers to be in this category?

- 6) Additional clarifications from the October 2, 2000 workshop. Listed are a few examples:

Basis for the quantitative guidelines for the Option 3 framework and how they are similar to or different from RG-1.174 and which would take precedence given a plant change related to LBLOCA (e.g., rare initiator frequency < 1E-05/year).

Generalizations need to be more focused on LBLOCA which WOG is attempting to address (e.g., LOCA contribution to CDF); also consider separation of PWRs into different NSSS designs to evaluate WOG position

IPE Results have been updated for most plants; more recent PRA data should be evaluated.

Basis/reference for the probabilities of pipe break LOCA with simultaneous LOOP

Further discussion of indirect LOCAs

7) The WOG has developed draft LOCA frequencies based on fracture mechanics. We would like to discuss them and how they were obtained.

8) Additional Topics for 11/16/2000 Meeting (time permitting)

A) Option 3 issue on H2 Recombiners

In view of the statements made in SECY-00-198, is the NRC going to grant exemption requests on the H2 recombiners for large dry containments? If not, what issues need to be resolved so that H2 recombiner relief can be obtained in the near future? What is the NRC schedule for the issuance of a final rule on §50.44?