

May 12, 1993

Memorandum For: H. Lewis, Chairman  
PRA Subcommittee

*modified for*

From: D. Okrent, Consultant

Subject: Questions for the PRA Subcommittee Meeting, May 11, 1993

The following are the principal questions that I had concerning the report by the PRA Working Group:

- 1) What are the PRA knowledge needs for various staff? How identified? How obtained? At what pace?
- 2) If IPE results are to be used, how will the reliability of the results of the IPE be assessed and what will be the impact of unreliability or incompleteness?
- 3) What of the recommendations by Garrick?
- 4) The staff seems to ignore the inadequacy of knowledge of Level 2, nor do they evaluate its potential importance.
- 5) How do members of the staff keep informed on matters relative to PRA (new developments, events, etc.)?
- 6) What about human error? Impact of errors of commission or cognition.
- 7) Is the staff to be educated informed adequately about the weaknesses in PRA?
- 8) Has the staff report recognized the importance of knowledge, in addition to training?
- 9) Re Garrick: he asks, "Why and how NRC should use PRA?". The staff says this was not answered.  
He emphasizes importance of detailed knowledge of reactor systems by the NRC staff.  
He emphasized the importance of always examining uncertainties.
- 10) The staff seems to be using and to be willing to continue to use very old PRAs as basic sources.
- 11) Who is the audience for Appendix C? Is it adequate for the purpose?

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Certified By

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