

7/20/79 THL

Questions for Harley Silver:

1. Were there any design or procedural changes (inadequacies) during the TMI-2 OL review which were resolved during the review, but were not discussed in the SER or supplements thereto?
2. Were there design or procedural features which were not changed as a result of staff review, but which you now realize were involved in the TMI-2 accident and, if the design feature or procedure had been changed, might have helped to avoid the accident or helped to mitigate the consequences?
3. NRR Office Letter No. 9 specifically exempted the TMI-2 OL review from being measured for compliance with the Standard Review Plan issued in November 1975. Since the TMI-2 SER was not issued until September 1976, can you remember:
 - a. any design or procedural features that do comply with then applicable SRP acceptance criteria?
 - b. any design or procedural features that do not comply with then applicable SRP criteria?
4. Can you recall how any of the following TMI-2 related concerns were treated in the licensing process? (including the development of tech specs)
 1. PORV design
 2. small break analyses
 3. auxiliary feedwater system
 4. need to go to cold shutdown with only safety grade equipment
 5. hydrogen recombiners
 6. HPI cross connects, need for to meet single failure criteria
 7. control room design - why not copy of TMI-1? what were criteria
 8. course of accident instrumentation
 9. need for failure mode and effects analysis of IRS
 10. loose parts monitor
5. Did the development and approval of tech specs, which is not described in the SER, result in any significant (relevant to accident) changes in design or procedures during the period after February 1978 but prior to March 1979?
6. Can you identify any issues addressed (or not addressed) during the review concerning which you felt, or now feel, that the treatment those issues received within the licensing process was inadequate, due to circumstances then beyond your control?

8001170908 P