Central File

OCT 2 3 1975

50-346/50-501

Memo to File

SUMMARY OF DAVIS-BESSE SITE VISIT - 10/16/75

1. DH DROP LINE CONNECTION TO HOT LEG
   OK - At lowest part of hot leg piping.

2. DH MOTOR-OPERATED ISOLATION VALVES INSIDE CONTAINMENT & MANUAL BYPASS VALVES
   - Motor-operated valves will be underwater post-LOCA but are in a watertight compartment. Compartment will have a watertight access hatch. (Manual bypass valves will not be in compartment).

3. WATERTIGHT ECCS PUMP ROOMS & LEAK DETECTION
   - Observed a wall about 10 ft. high and no ceiling. Wall penetrations were not watertight (guide said not finished). Access was through stairs from top of rooms.

   - Leak detection was from level alarm in a small sump in pump rooms.

   - ECCS coolers for both trains are in same room.

4. TYPICAL LPI & HPI PIPING VENTING PROVISIONS
   - Examples looked at were not accessible. Guide indicated that reach rods were to be installed.

5. ECCS PUMP CASING VENTING PROVISIONS
   - OK

6. LOCATION OF 24" MANUAL GATE VALVE ON BWST (DH79)
   - Appears to be as close as practical to BWST.

7. LPI-to-HPI CROSSOVERS
   - If manual valves accepted by NRC thru Davis-Besse appeal, handwheels would have to be lowered or incorporate reach rods (too high).

8. LPI-to-LPI CROSSOVER VALVES
   - OK...if design accepted by NRC after appeal.

9. ECCS SUMP AREA
   - Single sump is too small to conduct a full flow test (3500 gal.). Sump construction not complete (reinforcing bar exposed), piping covered, anti-votex devices not installed. 1/4" mesh screen not installed. Cofferdam possibilities are limited by larger adjacent in-core guide tubes pit. ECCS sump is dwarfed by this pit. Guide indicated that, although initial few feet of suction piping from sump are horizontal, the piping slopes upward slightly after the sump valves.

10. BORON DILUTION INSTRUMENTATION
   - Flow rate readout from the control room not available for all dilution modes. Available temperature readout is proposed to provide operator of the presence of dilution flow.

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