



NOTES:

1. THE FUEL POOL COOLING & CLEANUP SYSTEM IS CLASS II AND IIA SEISMIC, EXCEPT AS NOTED, "RR" AND "ESW" INTERTIES AND THE SKIMMER SURGE TANKS & OVERFLOW WEIRS FROM THE FUEL POOL ARE SEISMIC CLASS I.
2. DELETED.
3. FUEL POOL COOLING PUMPS (2AP211, 2BP211 & 2CP211) ARE SUPPLIED WITH 300" R FLANGES ON SUCTION AND DISCHARGE NOZZLES.
4. DELETED, SEE NOTE 17.
5. FOR EXACT LOCATION OF EACH PIPING CLASS CHANGE SEE APPLICABLE ISOMETRIC DRAWINGS.
6. HOSE CONNECTION TO INFLATABLE SEALS FROM THE COMPRESSED AIR SYSTEM, FOR DETAILS SEE PAID 8031-M-15.
7. ON EMBEDDED LEAK CHASE DRAINS, PIPE CLASS SHOWN ON PAID BEGINS AT FIRST WELD OUTSIDE OF EMBEDMENT. EMBEDDED PIPING IS SUPPLIED BY OTHER SUBCONTRACTORS.
8. DESIGN, FABRICATION, MATERIAL, PROCUREMENT, ERECTION AND TESTING FOR ALL PIPING, VALVES, AND EQUIPMENT EXCEPT THOSE SHOWN WITHIN THE SYMBOL. NOTE: B.D. THIS PAID MAY BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE PIPING CLASS DESIGNATION, DESIGN CODE "D", WITH THE FOLLOWING EXCLUSIONS:
 - A) CLEANING REQUIREMENTS SHALL BE PER THE ORIGINAL LINE CLASS DESIGNATION.
 - B) WELDING PROCEDURES TO BE USED SHALL BE AS REQUIRED PER THE ORIGINAL LINE CLASS DESIGNATION.
9. XCD AND XXX LINES ARE DESIGNED TO WITHSTAND 10,000 PSIG.
10. DELETED.
11. THE 1/4" FLEXIBLE HOSE SEGMENT IS FIVE FEET LONG WITH THREADED END CONNECTIONS.
12. DELETED.
13. FOR ALL NON-SEISMIC CATEGORY I CAPPED VENTS, DRAINS & TEST CONNECTIONS: DESIGN, FABRICATION, MATERIAL, PROCUREMENT, ERECTION & TESTING FOR ALL PIPING DOWNSTREAM OF THE LAST ISOLATION VALVE MAY BE IN ACCORDANCE WITH DESIGN CLASS "D".
14. DELETED.
15. VALVE 0066 HAS CHAIN OPERATOR OPERABLE FROM ELEVATION 313'.
16. WELDS AT THIS LOCATION ARE PENNSYLVANIA SPECIAL CLASSIFICATION NO. 1.
17. PROVIDE TWO 1/4" DIAMETER .000 3/32" SIPHON BREAKER HOLES PER LINE AT ELEV. 349'-2" FOR 6" HCC-201 (F.4).
18. THE SPOOL PIECE INSTALLED AT THIS LOCATION HAS A BLIND FLANGE ON ONE END, ANOTHER SPOOL PIECE WHICH HAS NO BLIND FLANGE MAY BE TIED TO THE PIPE FOR THE FRC/HRR INTERTIE PURPOSE. THE HBB PIPE CLASS OPEN SPOOL PIECE SHOWN IN DETAIL 1 IS FITTED WITH A DRAIN LINE AND A VENT LINE.
19. DELETED.
20. DELETED.
21. LINE 2" HBC-243 WITH VALVE 2093 IS INCLUDED IN THE SCOPE OF PIPING DESIGN SPECIFICATION M-511 AND IS A PART OF UNIT 1 N-5 PACKAGE HBC-143A.
22. PIPING FROM SKIMMER SURGE TANKS TO INSTRUMENT TUBING RESTRICTION ORIFICE ADAPTER (HCC-206) IS ASME SECTION 3 CLASS 3.
23. THE INSTRUMENT AIR LINES FOR THE INFLATABLE SEALS ARE FOUND ON PAID M-15.
24. ASME BOUNDARIES SHOWN ON THIS DRAWING ARE FOR REFERENCE ONLY. SEE ASME PIPING SPECIFICATIONS FOR ADDITIONAL INFORMATION.

17	2	INCORP ECR 423429 REV.01 ECR 16-002360 PER WD 4591789. DELETED TRIP SIGNAL FROM LSL-202 TO 2AB-C-P211 FUEL POOL COOLING PUMPS. (E-GJ-43).	RECD	CHKD	APPD	DATE
17	2	INCORP ECR 16-00-00264 REV.01 CHANGED VALVE 2002 FROM NORMALLY CLOSED TO NORMALLY OPEN (H4L).	RECD	CHKD	APPD	DATE
16	3	DIRECT DRAWING CHANGE CORRECTED CONTINUATION ARROW, WAS SHEET 2 (C,8). (A,71).	RECD	CHKD	APPD	DATE
15	4	INCORP. ECR 98-01213 REV.01. REVISED SEWER OVERFLOWS ON 2AID2T08. (H-45,6,74).	RECD	CHKD	APPD	DATE
NO	DATE	DESCRIPTION	RECD	CHKD	APPD	DATE
TABLE OF ADDITIONS & CHANGES USE ONLY PRINTS SHOWING LATEST DATE						
MECHANICAL						
P&ID FUEL POOL COOLING & CLEANUP (UNIT 2)						
LIMERICK GENERATING STATION EXELON NUCLEAR CORP.						
SCALE	DRAWN	IGDS	CHECKED	INSPECTED	APPROVED	DATE
NONE	BECHTEL	BECHTEL	BECHTEL	BECHTEL	BECHTEL	07/28/00
APPROVED BECHTEL			APPROVED			
SHEET 4 OF			8031-M-53		18	
IF/SLP			I CATEGORY A1			