



**ASME SECTION XI NOTES:**

- A. FLUID SYSTEMS OR PORTIONS OF SYSTEMS CLASSIFIED AS ASME SECTION III PER UDSR/ASME CODE OR THE FEAR ARE COLOR CODED TO REFLECT THOSE CLASSIFICATIONS; THE APPROPRIATE REQUIREMENTS OF ASME SECTION XI SHALL APPLY.
- B. VALVE IS LOCATED IN PORTION OF SYSTEM OPTIONALLY CLASSIFIED AS ASME SECTION III TESTING PER ASME SECTION XI SUBSECTION III AND THE PUMP AND VALVE IS PROGRAM PLAN IS REQUIRED.
- C. PIPING VALVES AND EQUIPMENT SHOWN WITHIN THIS SYMBOL LINE WERE OPTIONALLY CLASSIFIED AS ASME SECTION III, THEREFORE, THE REQUIREMENTS OF ASME SECTION XI DO NOT APPLY, DESIGN, FABRICATION, MATERIAL, PROCUREMENT, LOCATION AND TESTING MAY BE IN ACCORDANCE WITH THE REQUIREMENTS OF PIPING CLASS DESIGNATION CODE OF WITH THE FOLLOWING EXCEPTIONS:
  - (1) CLEANING REQUIREMENTS SHALL BE PER THE ORIGINAL CLASS DESIGNATION.
  - (2) WELDING PROCEDURES TO BE USED SHALL BE AS REQUIRED PER THE ORIGINAL CLASS DESIGNATION.
- D. FOR WELDING AND TEST CONNECTIONS ON CLASS 3 AND CLASS 3 PIPING, THE ASME SECTION XI REQUIREMENTS SHALL APPLY TO THE INSTRUMENT VALVE, EXCEPT TO AND INCLUDING THE FIRST ISOLATION VALVE, TESTING PER PIPING AND INSTRUMENT VALVE, SECTION AND VALVE MAY BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE PIPING CLASS DESIGNATION CODE WITH THE FOLLOWING EXCEPTIONS:
  - (1) CLEANING REQUIREMENTS SHALL BE PER THE ORIGINAL CLASS DESIGNATION.
  - (2) WELDING PROCEDURES TO BE USED SHALL BE AS REQUIRED PER THE ORIGINAL CLASS DESIGNATION.
  - (3) DELETED.
- E. FOR INSTRUMENTATION TUBING SHOWN UNCLASSIFIED (BLACK) THE APPROPRIATE REQUIREMENTS OF ASME SECTION XI APPLY TO AND INCLUDING THE INSTRUMENT ROOT VALVE. THE ASME CODE CLASS IS THE SAME AS THE PROCESS PIPE OR COMPONENT EXCEPT THAT IT IS ALWAYS EXEMPT.
- F. FOR INSTRUMENTATION TUBING SHOWN WITH COLOR CODING THE APPROPRIATE REQUIREMENTS OF ASME SECTION XI APPLY TO AND INCLUDING THE INSTRUMENT VALVE, EXCEPT TO AND INCLUDING THE INSTRUMENT ROOT VALVE EXCEPT THAT IT IS ALWAYS EXEMPT. THE COLOR CLASSIFICATION APPLIES TO THE TUBING FROM THE INSTRUMENT ROOT VALVE TO THE INSTRUMENT VALVE.
- G. PIPE TO TUBING ADAPTERS IN MOST CASES TAKES THE ASME CODE CLASSIFICATION OF THE INSTRUMENT ROOT VALVE AND IN SOME CASES IT IS THE TUBING CODE CLASS. SEE DRAWING A-350-G-002 SHEET 2 IN SPECIFICATION 303M-350 FOR THE ADAPTER CODE CLASS.

**CLASSIFICATION**

—	CLASS 1
—	CLASS 1 EXEMPT
—	CLASS 2
—	CLASS 2 EXEMPT
—	CLASS 3
—	CLASS 3 EXEMPT
—	UNCLASSIFIED

COG - COPY, ORIGINAL SIGNED BY


ISSUED FOR 121 ANDREAM    COG    COS    COB    COI

WALL    NONE    DRAWN    K. DALAL    CHECK    C. ADZ/188

**BECHTEL**  
SAN FRANCISCO

LIMERICK GENERATING STATION UNITS 1 & 2  
PHILADELPHIA ELECTRIC COMPANY

SPECIFICATION 8031-P-500, APPENDIX A			ASME SECTION XI BOUNDARY P&ID PRIMARY CONTAINMENT INSTRUMENT GAS		
BOUNDARY P&ID BASED ON SYSTEM P&ID REV. 23	JOB NO. 8031	DRAWING NO. ISI-M-59	REV. 0		



PDR RIDS

8511070522

