



- NOTE:
- 175 1145 INDICATES THE PNEUMATIC TEST PRESSURE. CONST. DETERMINE IF THE COMPONENTS IN THE SYSTEM ARE LIMITING COMPONENTS TO THE PNEUMATIC TEST. ASTM CODE CASES INVOLVING PNEUMATIC TESTING MAY BE USED IF EN DES APPROVES THEIR APPLICATION.
  - FOR NON QA VALVE MARKER FABRICATIONS SEE WATTS BAR NUCLEAR PLANT MISCELLANEOUS VALVES MASTER STATUS REPORT -005
  - FOR DEFINITION OF LC AND LO REFER TO MEMO B26850402001.
  - INDICATES TVA PIPE CLASSIFICATION AS SHOWN ON 47821-1
  - TVA PIPING CLASSIFICATION ARE AS FOLLOWS:  
 1-47846-1 CLASS H EXCEPT AS NOTED  
 1-47846-2 CLASS B, G AND H AS NOTED  
 1-47846-3 CLASS G AND H AS NOTED
  - PORTABLE MINE SAFETY APPLIANCES (MSA) FILTRATION UNITS SHALL NOT BE CONNECTED DIRECTLY TO THE SAS DUE TO LACK OF C.O. MONITORS/ALARMS AND SUSCEPTIBILITY TO LOSS OF AIR DUE TO AUTOMATIC CLOSURE OF PCV-33-4 ON LOW PRESSURE.
  - DESIGN CRITERIA/SYSTEM DESCRIPTION REFERENCE DOCUMENTS (USE THE LATEST REVISION ON ALL WORK UNLESS OTHERWISE SPECIFIED). SEE THE LATEST REVISION OF THE 47821 SERIES DRAWINGS \*PIPING SYSTEM CLASSIFICATION: \*1- NS3-4002 ----- COMPRESSED AIR SYSTEMS
  - TEMPORARY AIR COMPRESSORS, CONNECTED TO CONNECTION FLANGE, SHALL BE EQUIVALENT TO THE INSTALLED STATION AIR COMPRESSORS. IN MAXIMUM FLOW, MAXIMUM PRESSURE AND AIR QUALITY DELIVERED. RADCON SHALL VERIFY, PRIOR TO CONNECTION, THAT THE AIR SUPPLIED MEETS THE REQUIREMENTS FOR BREATHING AIR.
  - AUXILIARY BUILDING SECONDARY CONTAINMENT ENCLOSURE (ABSCE) MUST BE CONSIDERED WHENEVER SYSTEM BREACH WILL OCCUR IN NORTH/SOUTH VALVE ROOMS (A10 & A11). BEFORE PERFORMING ANY MODIFICATION/MAINTENANCE ACTIVITIES IN ROOMS A10 & A11 ENSURE APPROPRIATE PRECAUTIONS ARE TAKEN TO MAINTAIN ABSCE BOUNDARY.

REFERENCE DRAWINGS:  
 47846-102-----MECHANICAL STRESS ANALYSIS PROBLEM BOUNDARY CONTROL AND SERVICE AIR SYSTEM

ISSUED BY: R. M. JOHNSON FOR PRM  
 DATE: 1-25-90  
 PRINT SIZE: 85 M  
 PRINT NO: 1-47846-2  
 PRINTS RED'D R

THIS CONFIGURATION CONTROL DRAWING SUPERSEDES UNIT 1 AS-CONSTRUCTED DRAWING 47846-2 REVISIONS V.

37	ADMIN	ESJ	JEW	JHR	3-19-09
REVISED BY ADMIN TO CORRECT NOTE ADDED BY DGN 52467 (171 090319 800).					
REV	CHANGE REF	PREPARER	CHECKER	APPROVED	DATE
SCALE: NTS EXCEPT AS NOTED					

PROJECT FACILITY  
 CONT, AUX, REAC, TURB, OFF. & SERV BUILDING  
 UNITS 1 & 2

TITLE  
**FLOW DIAGRAM  
 CONTROL AND  
 SERVICE AIR SYSTEM**

1 WATTS BAR NUCLEAR PLANT  
 TENNESSEE VALLEY AUTHORITY Q

DESIGN		INITIAL ISSUE	ENGINEERING APPROVAL
DRAFTER	CHECKER	RO ISSUE PER	1 H.R. PERSINGER
DESIGNER	REVIEWER	WBEP 5.17 & RIMS B26 '90 0109 376	2 H.R. PERSINGER
M.L. CHAPMAN	J.F. LUND		3 F.A. KOONTZ
DATE: 1-25-90		85 M	R37